A Complete Bibliography of Publications in *Scientometrics*: 2010–2019

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23 March 2022
Version 1.53

Title word cross-reference

#Psychology [VSK18].

+ [RCN+14]. 013 [dCPF14]. 10 [TBW+12]. 20 [LGH+14]. 3 [HZQ+17, ZLLD19]. 9 [vdBBdK16]. 2 [TSMTDLCH11]. *a* [San12c]. C^3 [PPM+17]. *ch* [FMPP10]. χ [LFBI19]. *d* [DCS12]. *f* [FESD11]. *g* [ADV13, ACHVH10, BB16, LF12a, SS14]. *H* [BLA16, Egg10e, Egg11e, Egg11f, Lun19, MHLGHV14, MHC+15, MZE19, ZYZ14, Abb13, ADV13, uARA19, ACHVH10, AA19, Ask18, AA16, AMI18, BL10, BIL15, BI18a, BK11, BBL17a, BBL17b, BW10, BSMD11, BL18, CG14, CF18, DGDG11, Egg10d, Egg11b, Egg11c, Egg13a, Egg13b, Egg14b, ER19a, FGMM12, FMM13a, GP13, GBB15, GQAM19, Glä10, Glä12, HAA14, HBA19, HSW10, HK12, Jac12, Laz10, LF12a, LZGQ13, MR13, MJHG13, MPH19, MKHB15a, MKHB15b, OBG11, PDAN19, Pra10e, Pra17a, Pra19c, Pra19d, RAA18, Rya16, Saa10, San12c, SCGZR16, SS10b, Sch15b, SS14, SJOC18,

TH19, Tur16, YR10, YAC10, ZGY16, ZGJ18, dS18, dSD18b, dSD18c]. H_2 [VB12]. h_α [Hir19b, LBO19, Hir19a]. H_l [ZYZ14]. h_m [TH19]. h_{men} [Ask18]. h_T [Pra10b, San12c]. hg [ACHVH10, FM11b]. hw [BIL15]. j [Tod11]. N [Par14c, BASL16]. P [dFVDU$^+$19, AA10, Pra10a, Pra11b, Pra19c]. ϕ [Cab13]. π_v [Vin10b]. q [AdAdAM10, CS11a]. R [San12c]. S [LW10]. φ [SOBM16]. z [ZCL14]. zp [ZP16].

-0967-y [dCPF14]. **-Classics** [MHLGHV14, MHC$^+$15]. **-core** [YR10]. **-cores** [SCGZR16]. **-curve** [LW10]. **-exponential** [AdAdAM10]. **-grams** [BASL16]. **-Index** [SJOC18, uARA19, ACHVH10, AA19, AA10, AMI18, BL10, BIL15, BI18a, BK11, BBL17a, BBL17b, Cab13, CF18, DCS12, DGDG11, Egg10d, Egg11b, Egg11c, Egg13a, Egg13b, ER19a, FMPP10, FM11b, FGMM12, GQAM19, Glä10, HAA14, HSW10, Jac12, Laz10, LFBI19, LF12a, MJHG13, MKHB15a, MKHB15b, OBG11, PDAN19, Pra10a, Pra10e, Pra17a, Pra19c, RAA18, Rya16, Saa10, SOBM16, Sch15b, TH19, Tod11, Tur16, Vin10b, YAC10, ZP16, dS18, dSD18b, dSD18c, BLA16, BB16, Egg11e, Egg11f, FMM13a, Lun19, MHLGHV14, MZE19, PPM$^+$17, ZYZ14]. **-Index-based** [ZGJ18]. **-indices** [ACHVH10, MPH19, Pra11b]. **-like** [BW10]. **-rank** [BIL15]. **-related** [ZGY16]. **-score** [ZCL14, dFVDU$^+$19]. **-sequence** [Egg10e]. **-similarity** [SS10b]. **-Tuple** [Par14c]. **-Type** [Abb13, Egg11c, Egg14b, Glä12, LZGQ13, MR13, Pra19d]. **-Value** [FESD11]. **-year** [LGH$^+$14, TBW$^+$12, vdBBdK16].

//doi.org/10.1007/s11192 [Glä18].
//doi.org/10.1007/s11192-016-2142-8 [Glä18].

10.1007/s11192 [Ano18b, dCPF14]. **10.1007/s11192-** [dCPF14]. **10.1007/s11192-017-2490-z** [Ano18b]. **10.1007/s11192-017-2506-8** [Ano18b]. **109** [Glä18]. **10th** [Ano10]. **11** [KGB$^+$18]. **12th** [KÖG12, LLRG10]. **13th** [KG13, OING12]. **14th** [Ano15, GGH$^+$14]. **15th** [SSAG16]. **1970s** [NBR$^+$11]. **1980s** [Sot12]. **1997-2017** [LRY18]. **1o/oo** [Kos18a]. **1st** [BMM14].

2 [LGD11]. **20-year** [ML18]. **2000-2015** [GVS17]. **2003-2012** [Liu16]. **2009** [Ano11]. **2010** [GGG$^+$11, JG14, VB12]. **2011** [Ano12c, GGG$^+$12, OL11, Pra12a]. **2012** [BMM14]. **2013** [Ano14, Ano15]. **2015** [KL16, SSAG16, Tsa15]. **2017** [Ano17a]. **2019** [Dan19]. **2020** [EC16]. **20th** [LHG16a]. **21st** [ACORC10, MCL$^+$11, Sot12]. **22-year** [KKT$^+$18]. **28** [BB19].

30-year [MDDG17].

4.0 [DDS$^+$19a].

5 [VFA10]. **5-top** [TBB+16]. **50-year** [PFL19].

6 [VFA10]. **6th** [OA10a, OA10b, OA10c].

7 [BPHL16]. **7th** [KÖG12].

87 [OL11]. **88** [Pra12a]. **8th** [KG13].

97 [dCPF14]. **983** [Ho16].

= [Rou19].

A&HCI [WF18]. **A.** [Fie15b]. **ability** [Cab13, HH19, Rou12a, SOBM16, Sch12b]. **above** [GRSFV11]. **abridged** [MAA+11]. **abroad** [PD10, RCdJ+14, SL17]. **ABS** [WLZ+15]. **Absolute** [MKHB13a, MKHB13b]. **absorptive** [MJC12]. **abstract** [SI17, ZXT+19, Zon19]. **abstracts** [KD18, LY16a, Pau10, RM18]. **Abt** [Bur12]. **abuse** [VASNU+19]. **academia** [GB14a, HO19, HYC15, Lei16, OK13, Oze12a, Oze12b, BKG16, BA15]. **Academic** [CHM15, CXZ19, DY18, DC17, Har16d, LCY14, MCCU16, NZL+19, SM14, TCR10, Tor13, YC10, ZW17b, ZL15b, VHD+16, AAH10, ADD11d, ADM14, ADR16a, ADD18b, ACFL11, ADM19, AI17, AÇA+14, ÁCCG+15, BHB13, BI18a, BCT19, Bre13, CMUdF15, Car16, CÖT16a, CHC13, CB18, CR18, DTM+13, DRMMC19, DMV10, Doc13, DRS14, DJWS11, DGF17, Dya14, Egg11d, Eld19, FYC15, FFL16, FSC14, FDVZ16, pGSyW+19, GRSS16, GRSFV14a, GRSFV18, GRSFV19b, GVS17, GB16, GB17a, GB17b, Gus19, HAL11, HK19, HJL18, HC14a, HC15a, HC16a, HB18b, HFW+14, HG13, Hud17, IT11, JKPL18, JBMR11, JL18b, JKSK15, Keg15, KBT14, Ken18, KG10b, KJW+17, KM12, KR17b, LCFC14, LM15, LDG17, LLX+18, LZCZ18, MPY+13, MR15, MM18, MM19, MARMSG19, MMOMALC16, MMOMLC18b, MR18b, MT12a, MHKB16, OVJM17, OKCPS17, OMOR13b]. **academic** [OMR14, OMMMTLC17, Ort15, dFPYdCL12, PNVCB18, PTMT10, PTMT11, PPI17, RG12, Rha17, RPDCRVRP15, RD13, SBT18, SHB14, SS14, SHS15, SZAS16, Shi11, SC10, SPdSM16, Sku19, SM17, TSRGG17, Tor14, VB12, WM19, WHLP16, WYB+17, WBX+17, WZ19b, XWL19, XZFD19, YQX10, YS13, YZ17, Yur15, Yur16a, ZZL+10, ZMW+18, ZZL19, ZZLS19, ZL15a, ZGL+17, ZB15, ZYS16, Zhu17, dSNV18, dSD18b, dSD18c, vPD13, HA17a, HA17b, Har19b, HHBB18, HOB17, HB17b, Saf19, The18a, The18e]. **academically** [PL18]. **academicians** [DBO+18, KKE13, YGW+15]. **academics** [Ben15, BC13b, COS11b, HM15a, HM15b, ILP13, KM12, MS13, Mix18, San18, TV17, Yur18b, Yur18c, ZW17a]. **Academy** [CMPD19, Fan15a, YGW+15, ZCZ+16, KHH18, CD16a, HSBW10, WS13b].

accelerated [VGPdlC+17]. **Acceleration** [Kra10, San12c]. **acceptable** [KB11b]. **acceptance** [AND19, HTL15, KBAK17, Oos15]. **accepted** [BHDI18, TC11, TC13]. **acces** [GBDG19]. **Access** [AC12, GOPG13, SMLHCP17, Wra16a, AOFU10, AChO19, Asa19, Ase10, BND11, Cop19a, DGGBDG17, EdS19, Fuk17, GFC18, GWA14, Hen19, Hen20, JN15, JMM18, KPJT14, Laa14, LL16, LP18a, MA19, OMLC15, PB18, PP16, SBD+19, Sni16, SE18, yTwTlW19, VZAMG19, WLMF15a, WLF15, WLMF15b, WZCC19, YXW18, ZW18a, ZW14, Zhu17, MSB18, PROG19, Wra16b, ZW19]. **accessibility** [RWG+15]. **accident** [OMJLVSN19]. **acclimation** [MSP+15]. **accommodate** [DdS19b, HAA14]. **accomplishments** [Hei13]. **according** [AYS16, BS15a, HV18b, OMLC14, PYW18, SOBM16, SYDW19, Waa13]. **account** [GTMRE+16, GTMRE+19, Hir10, LIdMAM11, NF13, ZL18a]. **accounting** [ADR13, BKL15, SP12b, Tol11]. **accreditation** [STCRPA18]. **Accumulation** [Pet18a]. **Accuracy** [Cab11, DRS18, KT15, ÁBMB17, Don17, Lop10, MVS10, Ort18, PLWS14]. **Accurate** [Mue16, KB10, MCR+12]. **accurately** [MB10a]. **achievement** [NASR11]. **Achilles** [HLSC18]. **acknowledgement** [MK18, PHDC16, RJ14, WS11]. **acknowledgements** [Mor16, Rig13]. **acknowledgment** [SMAABJ11]. **acknowledgments** [ÁBMB17, McC18]. **acquisition** [GSM+16, PYK13]. **across** [ADM14, ADD14b, BKG16, BM12b, Cha16, CZPR17, DMM13, DGDGSV15, GRSFV14a, GZ14a, GNS+15, HL13, Hur17, KR17b, LNMQRR15, MS18a, ÖS17, PPI17, SC10, Sug11, TCB16]. **Act** [TR14]. **Active** [HWQ+18, WJCC19]. **activism** [ML16]. **activities** [AAH10, ADD17b, GGG14, GRSFV14a, GL15, HAL11, HMCD+19, HR15, KM12, LZZ+12, LM13b, MT15, Ort17, PS13, TR14, WS10, ZS17]. **activity** [BGM17, CP12b, GZ11, HHK+12, HHZ14, HIG+17, Kaz15, LMdBG16, MB10b, NTM+18, PRDG17, Rou19, TBB+16, WS13a, YYS+10, ZZ14]. **actor** [RTP17]. **actual** [LL16, WZCC19]. **acupuncture** [FZZ+12b]. **adaptable** [SSG+18]. **adaptive** [VHH16]. **added** [MMSS11, TSG13]. **added-value** [TSG13]. **Adding** [Wal16, HO19]. **additional** [CC14]. **additive** [LNRSRBB18, TTC17]. **address** [AKB+10, Kra13, MAGAM13, SRW18]. **addresses** [MSA13]. **adequate** [SLISC17]. **adjectives** [Lei16, OK13]. **Adjusted** [Doc12, OCM+12]. **Administration** [CDD15, CAS16, QA18]. **administrative** [CYW+11]. **administrators** [ALH15, LZCZ18]. **adopting** [AD16]. **adoption** [HPBI+14]. **advanced** [Cho12, RTP17, SHR+10]. **advancement** [ADR14a, HEH17, Lar12]. **advantage** [DGGBDG17, GK18, GXC+19, Mik17, Rou19, SGY15, SE18, WLMF15a, WLMF15b, WG11]. **advantages** [DLL+16b, MSDJ19, The18d, Wan16]. **adverbs** [Lei16, OK13]. **adversely** [ZHG16]. **advertised** [SA16]. **advertising** [FZQ17]. **advice** [FB10, LMKG19]. **advisee** [DRMMC19, LTK+18]. **advisor** [DRMMC19, HB18b, LTK+18]. **advisor-advisee** [LTK+18]. **Aedes** [VACCAJ18]. **aegypti** [VACCAJ18]. **affairs** [dJC15]. **affect** [Asu19, CMUdF15, CRMdMA15, GYZ15, HC16a, JJS+12, LCZ17, Sch10b, WG11, Yur16a]. **affecting**

[ACFL11, ACMP13, CC13, IMHG12, qJnShPL17, TAA16]. **affects** [ZHG16]. **affiliated** [CAV+19, YP19]. **Affiliation** [FD14, IFT+18, VO17]. **affiliations** [BBP14, CLB13, HL17, SGM+16, TA14a, ZSCR+18]. **affinity** [CRBRG+18, VYL17]. **Africa** [Pou10, AGHL14, Asu19, Ban18, CdJD15, Fed13, ILP11, ILP13, LMM15, MOA16a, Mêg13a, Mêg13c, OM11, PMJF19, Pou10, PP11, Pou12, PH14, SdJDD19, SS10c, Soo10a, Soo10b, Soo11a, Soo14a, Soo17, Soo18, Soo19, ZL18a]. **African** [Bos10, vWBS+16, CG15b, KB18, KCM19, Mat12, Mat13, Med15, MPF18, PM18, PB12, QA18, TP11, ZCKZ16]. **after** [BL11b, HM18, IJF16, KGB+18, Kra10, Mix18, Soo10b, WHW+19]. **against** [CFS18, Fed13]. **Age** [Soó14b, SST+16, ADD18b, Abt12, Bjø19, Bur12, CB11, Egg10c, GB17a, JKJL14, MZ14, Par14a, RAA18, San12b]. **age-independent** [San12b]. **Age-sensitive** [Soó14b]. **ageing** [GZ17, ZG17d]. **agencies** [HH18]. **Agency** [EBR16, CFP14, MÁB18]. **agenda** [HS16b, Jon10]. **agendas** [HS16b]. **Agent** [Ahr17, NH11, BGBS18, KM11, KPRT16, KTRP17, RT17, WG11]. **Agent-based** [Ahr17, NH11, BGBS18, KPRT16, KTRP17, RT17, WG11]. **ages** [WYB+17]. **agglomeration** [BS13b]. **Aggregated** [Bha11, XLR15]. **aggregates** [ACORC11]. **aggregating** [GRSFVdMA14, dZLwC+15]. **aggregation** [DR10b, Yu15]. **Aggregative** [YKLK14]. **aging** [Bou11, WZFD19, ZG17e]. **agony** [GGG16b]. **agree** [BD16a, BGJ+16]. **agricultural** [DKS18, Fuk19, KHJ+12, LLL12, PPI17, WAT16, ZL18b]. **Agriculture** [CP12b, BBJS16, SK16, ZZY13, KSB11]. **Agrifood** [BS11]. **AHFS** [TKA17]. **AIB** [WS13b]. **aid** [HN16]. **aided** [Glä15]. **aiding** [Che12]. **AIDS** [Lja16, PP11, QA18, WT14]. **air** [BSS15]. **al** [Ho16, OL11, Pra12a, Pra16b, dM10]. **al.** [BD16b]. **Albuquerque** [Bas14]. **Alex** [PT17]. **algorithm** [AT18, AA18, Cop19b, Kim19b, PLT14, Ric15, SH19]. **algorithmic** [Oli15a]. **algorithms** [CL17b, GSM+16, JSZ13]. **all-elements-sleeping-beauties** [LY12, Li14]. **Allegation** [BH18a]. **allergy** [VSVR15]. **allied** [WOW13]. **allocate** [Osó18]. **allocation** [ACP12, BZ17, HBT16, KD14, WFZD19b, ZM16]. **allocations** [Gal11]. **Allometric** [CB16, DLL+17]. **allow** [BM14a, KR17a]. **allowed** [Laa14]. **Almeida** [dCPF14]. **almost** [BBL17a]. **almost-exact** [BBL17a]. **Alone** [Mus12, NPT+15]. **along** [BHPVdPMR18, HG13]. **alphabetical** [LF14a]. **alphabetization** [Yur16a]. **also** [BC13b, Ley15a, vR17]. **alter** [DWGL16]. **Alternative** [Bor15a, hCcTmWH15, FMP17a, FGMM12, FZZ+11, HBA19, KTRP17, LBA19, MBT16, RCETS19, VB12, VRF12, WWC19, XWL19, YG18, ZCW14]. **Alternatives** [Ley12, OBG11]. **altmetric** [CGG19, HBS+19, HP18, Ort18, GGG16b, HB17a, MSC18]. **Altmetric.com** [Ort18]. **Altmetrics** [ENST16, RCETS19, Bor15a, Eld19, GG15a, Ham14, HIG+17, HPBI+14, Hau16, HV18b, LSE+18, MS18b, NCG+19, PP18, PKL+16, SBA+19, ST14b, Yu17, ZCW14, ZWZ+19, ZWX22, BB17b, ZW17c].

Alzheimer [CWJC14, SHL15]. **ambidexterity** [GLÚGML16, HWLL14]. **ambidextrous** [DY18]. **ambiguity** [GKF17]. **ambiguous** [Cop19a]. **ambivalences** [LWB16]. **America** [BB19, BMTA15, CR14, CRLMLM17, CS19, MC10, MSB18, SPB18]. **American** [LV12, ZGL+17, AR18, ALYZ15, Ano18c, CSR+18, CRZGVQMA15, CRZGVQdMA16, CRLMRPA17, GWBSVWB13, MHC14, OMLC15, PEPUT15, RPDCRVRP15, RG18, SLGO17, SS14, TC11, TC13, WMT+12, WXLL12, ZGCRVQ18]. **ammunition** [ACMP13]. **among** [BHKP11, BPJ+14, BPHL16, CGKB18, CG17, Cho12, DCS12, DCY+17, FK16, FFL16, GGG14, Hal13, HF19, HM15c, HLL14, IBL13, JX13, Kim10, KFKS15, Ley11b, LZ14, LWB18b, MC13, MHM+13, MK19, OO12, Ort18, PML+17, PSY+19, QDY14, SFBS17, SS10c, SM16b, SVCFI14, SN10, WTM+16, YZB18, Yur18a, dCdAMB19]. **amongst** [Hud17]. **amount** [GRSFV19b, LAL15]. **Amsterdam** [Ano11]. **anaerobic** [ZLT+14]. **anaesthesiology** [CAV+19]. **anaesthetists** [OO12]. **analgesia** [KB11b]. **analgesic** [Kis11a]. **analogy** [FM11c, Sma10]. **analyses** [ÁBV+14, BB15, CWL10, CHL15, CLHH10, IS16, Kra10, Kra16, KPY16, Lee10b, Pra14a, Sch16, TCC17, Wal16]. **Analysing** [BSPL19, Fan18, MAGSTRC15, OI17, RY14]. **Analysis** [ÁCCG+15, BPVM11, CHY16, CXZ19, EKR19, FMPP10, Gom19, Ioa06, IJF16, ICC16, JG12, KM18a, KKLP17, KBZS15, MVS10, MYN+15, PV15, Pen19, RC13a, RBC+10, SIS17, YLL15a, YL12, YST12, AHUR11, ADV10, ADD11c, ADS17a, ADS17b, ADD19b, Agu12, APPS15, AG13, AR18, AW10, ABGS14, AYS16, AW11, ABL17, ACD14, Ase10, ANA18, BB10, BL10, Bai18, BY13, BHPVdPMR18, BLdlCV17, BHKP11, BPJ+14, BVB13, BHS14, BK11, Bar17b, Bas11, BMM17, BFGVV+18, BFS17, BL11a, Bel13, Ben11, BGMB16, Bha16, BP11, BBP14, BS17, BMTA15, BWD10, BHJD12, Bor15a, Bor16, BYY17, BHH18, BL13, BZBLP16, ByLbH16, BWbH+18, Bue15, BS19, ÇAAÇ15, CD16a, CD17, CHWL12, CZW13, CD14, CVD14, CD16b, CB15, CLL+17, CHC17, CZPR17, CL11, Che11, CBF13, CWJC14, CJY+15, CLSW19]. **analysis** [CLW+19, CY13, CGG19, CRZGVQMA15, CS11b, CL17a, CYK+11, CBKL13, Chu14, Cle16, CFM15, CG15b, CPF18, CdMCdMMdP17, CvLvR11, CV14, COS11b, CNC18, CAS16, DSG+15, DRMMC19, Dan14, Das16, DMM13, DVB14, DVB15, DGPL15, DC17, DB19, DXL+12, DGGBDG17, DB16, ES16a, EMSH16, EDEH16, EBK16, Eld19, EW15, Ell18, EC16, ÉMS+13, ENST16, EN17, ET15, ES18, Etz13a, FJ11, FZQ17, Fan18, FMU16, FZZ17, FFR+17, FS12, FMP17a, FFR16, FRPP17, FP18, FdSdO17, FB16, FRF+19, FM11a, FM12, Fra17, FSLR10, FLB19, FZZ+11, FZZ+12b, FLH14, FH16, Fuk14, Fuk17, FK17, FK18, FSO11, FSOS12, GW15a, pGDTP12, GGG14, GG14, GCLcG15, pGSyW+19, GREL14, Gar15, Geo17, GE11, GM12, GW10a, Glä12, GHT17, GNVQdMAG11, GTGABAG15, GTAG18, GdOdAG+13, GWA14, GK19, GFK+18, GBGB13]. **analysis** [GB12, GHA+15, HG10, HAL11, HT11, Hal13, Ham11, HM18, HH17a,

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analysis [LYW19, LC18, LCFC14, LW15, Lin12, LCY14, Lin18, LD16, LW10, LSY11, LHW12, LFLG14, LXL15, LWM+15, LTGH15, LYLD15, Liu16, LXL16, LLW+16, LCLX16, LM16, LZC17, LTK+18, LLH19, LdSdFFNM17, LDVSGDR16, LDVSGD19, LJMF15, LA19, LCIADG19, LAW14, LDZ17, LWW+11, LPZ17, MSYW12, MH16a, ML18, MC13, Mad15, MnaeR+15, Mag14a, MM14a, MB19, MWH14, MBL18, MJC14, MDDG17, MGMY+18, MCvFP16, Meh07, MCCU16, MF14, MdFdA+14, MTT15, MSB18, MK19, Moe17, MPH16, MD18, MdNS+19, MT12a, MDFGAM14, MEG15, MFF+16, MHM12b, Mue18, MRR17, MAGSTRC15, MKF14, NTM+18, NRAW17, NSH+11, NSKO15, NFH12, NP11, NHLL17, NBR+11, NPP+12, NHY+14, NT17, OGOPPR17, OZK11, OMOR13a, OMLC14, OA10c, Ort17, OMJLVSN19, OE15, PFL19, PFDL17, PJL19, Pan14, PY14, PLJ18, PHBN+15, PSB+17, PLW+15, PR10, PCRMCB+18, PRSB16, PKL+16].
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dBONM+19, OA10a, Par14b, Pra10c, Pra10d, RAM18, RPAMR19, RD13, SH19, SP12a, SMAABJ11, SMCC18, SLK12, tScL13, TSG13, Tor14, VuHL10]. **approach** [VG14, WNS13, WWP14, WDP11, WA18a, XCS+16, YLL15a, YHL19, YSY+13, YKCK13, ZK19, ZG17e, ZLL+17, ZHZY19, dSTL18]. **approaches** [ANOdFC12, CA19, CLB13, KKK+14, MB16a, Moe10, RNF19, SN10, VBG+17, WvE13, WC18]. **approaching** [OI17]. **appropriability** [SZ18]. **appropriate** [ADC12, MCR+12, Moe10]. **appropriation** [GAPP18]. **approximate** [TW10]. **aquaculture** [DMM13, NFH12]. **aquatic** [LH14, LAdAMJ17]. **Arab** [Ibr18, SZAJS14, TBT19]. **Arabia** [SZMS17, SZMS18, SFM16, SLK12]. **arbitrage** [YKCK13]. **archive** [ZW18a]. **archived** [BC17]. **Archives** [CRLMLM17, MKYM+17, The18a]. **archiving** [Laa14, LP18a]. **Archivos** [CRLMLM17]. **Arctic** [HYYL12]. **ARDL** [ILP13]. **Area** [CDCK13, BLdlCV17, Egg13c, GdOdAG+13, HTHB11, KHVGA+16, Kha13a, Kha13b, LOMLPA+17, MCvFP16, MGMW14, OA10b, OA10c, Pin15, RGdCMM17, San12c, SP12b, SÁV18, UBTS16, PQG14]. **areal** [Sch12a]. **areas** [FK17, GGS14, GWB11, HHK+12, HHZ14, LCC12, LSR13, MNdF16, MGC19, Pet18a, RCdJ+14, SH15b, FK18]. **arena** [WLY14]. **Argentina** [CRFM+12, MC13, MMAHS10]. **Argentinean** [CRMdMA15]. **Argentinian** [GZM15]. **arise** [GRSFV14a]. **arisen** [Har16d]. **arithmetically** [Hag10b]. **Armenia** [GHA+15]. **art** [Ano16b, DG16, ENST16, LWB16, LMR16, PFDL17, RMdO17, UMdSV12, Wad16, Wad17]. **artefact** [Van12]. **Article** [BS15b, JN11, PB18, ABMRVZ14, Avk13, BS15a, BBSS16c, CGPT15, CP16, DB16, EGR13, dCPF14, FESD11, GBDG19, GdA14, KCT+17, LLH+16, LDZ17, MT13a, MSC18, NG16, QA19, SP14, The19a, WLMF15a, WLMF15b, XGL+19, LX19, Zit12, dW15, AZSA14]. **article-level** [LLH+16]. **Articles** [Bha11, AYS14, Ase10, BIH18, Cab14, CC11a, CSS+16, CVD14, Cav15b, Cha14, Cha18c, Cha19b, CHY13, Che18a, Che20, CHL10, CH12, DBO+18, DGD19, ESB15, Eld19, Emm19, dCPF14, FH16, FI16, GRSFV12a, GdA14, HII+18, HBS+19, Ho14, HV18b, HYYL12, HLY14, HW12, HP10, IWK18, JN15, Jam17, JNA18, JDG14, KPJ16, KY17, Kos18b, LL16, LY16a, LS16, LHM+11, LTGH15, LHTL18, LNMQRR15, dNMVQL16, MS18a, MBR+13, MASM14, MASM16, MZ14, NJM18, ND16, PNS+10, PFL19, PB18, PTMT11, Ric17, RPK16, RPK18, RMH14, SGM+16, SCGZR16, SM17, SML16, TA11, The18c, Tom17, Tom18, VVN16, VH17, WLF15, WFG16, WFS16, WK17, WLC17, WBX18, WJCC19, WWC19, YHL19, YJ11, ZW18b, dAG13, dW15]. **articles-how** [GdA14]. **artifacts** [NSC13]. **Artificial** [CGG+17, AAS+19, CC10a, ILB11, LVSL18, OMCP17, ZWZ+19, ZWX22]. **artificially** [Ama15]. **arts** [LXH+18, HH15c]. **ARWU** [Saf19, Doc12, JJS+12]. **arXiv** [BI14]. **ASAC** [CST11]. **ascertaining** [BMP+14]. **ascription** [Pei19]. **ASEAN** [HHK+12, KRR14, NP11, PS15, RS12, Vin12b]. **ashes** [Har16d]. **Asia** [Chu14, HTHB11, KP12a, KTT11, SK14c, WCK+12, WCB+15, WHW+19, WLZ+15]. **Asian**

[Bar17a, CDCK13, HIC12, KHJ+12, KHK13, Moe16b, PP18, WG12]. **Aspect** [IA19, GHvdB12]. **aspects** [Bal12, BN10, Ell18, ZG17d]. **Asperger** [LLP+16]. **aspirant** [WF17]. **assassins** [CPRSFVG19]. **assertion** [BSK15]. **assess** [ADS12, ADC12, ACD15, ANOdFC12, Doc11a, Doc11b, HRH10, MBA13, RGGBV16, Sch16]. **assessed** [Fed13, FCWH11, LLG14]. **Assessing** [ADS10a, BM11, CGG+17, CYT+12, DFG+18, Gál17, GK18, GPN10, GG13, KLP12, KHVGA+16, LTM12, Lee10a, LSM+15, MARMSG19, MGLZ10, MHM+13, McC14, MT13a, MSH16, PY14, PLBZ18, Sch11a, mYqS15, BAB13, BLS15, BSMD11, FMP17a, Ham14, HBA19, ILB13, LNRSRBB18, NCG+19, Tol12, YWL16]. **Assessment** [BBDS+14, BP11, CLD13, LSC10, ADS10b, ADV10, ADD11b, ADD11a, AD11b, ACD13, ADD14a, AD16, ACC+16, BD16a, BYR13, BKL15, BR11, BGJ+16, BS16, CTL+19, CFSSP16, CG18a, DJWS11, FAI+18, FE14, FE16a, FE16b, GTD14, GZ18, GRG12, GG15b, GMM16, GAGT15, Hal14, HYYR14, ILP11, LPC17, Lyk18, MWH14, McC18, MYN+15, MCR+12, MTA+18, PS15, Pin15, Pou10, Pra11a, Pra18e, RNB19, Sal17, SZMS18, SH15b, SBT18, SBSR19, Siv16b, SDP+19, TAB13, VG11b, WXZ+16, WAT16, ZK19, ZZL+10, ZC16, dCPRP18, DPF+16]. **Assessments** [TR14, Vin17, vLCCMV13]. **assets** [NSMMDB19]. **assignee** [CF14, SWCH14]. **assignees** [HCS+15, LZZ+13]. **Assigning** [CFP14]. **assignment** [Don17]. **assisted** [VAJCC17]. **associated** [CHC17, Hen18, KBAK17, MRGT13, SFR+19, TR14, XGL+19, Zhu17]. **Association** [GWBSVWB13, ZGL+17, CGKB18, CdMCdMMdP17, LYS+17, LVHS+15, YWS18, ZYNZ18]. **associations** [CG17]. **assortative** [PR10]. **assumptions** [Lin18, OCCSM11]. **Astrobiology** [GG13, Coc18, TA15]. **astronomers** [BGÖ+13]. **astronomical** [Tri10]. **Astronomy** [Wil15, CH13a, CH14, GT17, RLW14]. **Astrophysics** [BI14, MASM14, MASM16, CH13a, CH14, HL15, TC11, TC13, VYL17]. **asymmetry** [CRBRG+18]. **Atapuerca** [LRA14]. **Atlas** [Ley11a]. **Atmospheric** [BND11, LWR+17, BHJD12]. **attached** [Han15]. **attachment** [SL16]. **attain** [Yur18a]. **attempt** [BH16c]. **Attention** [MSC18, BH18a, Bru10, GRSFV18, HV18b, MR18b, WLM15, WLMF15b, XBD+18, XDB+19, WLMF15a]. **attract** [CFG+14, ZLTY18]. **attracting** [ZS18]. **attractive** [AKB12]. **attribute** [BD13]. **attributes** [LZ14, NG16, TG17]. **attributions** [Mix18]. **auctioned** [LL10]. **Aude** [DF15]. **August** [LT10b]. **Australia** [GB14b, MWH14]. **Australian** [GB17b, HG10, LXH+18, MR15, MS13, SM14, VG17, WOW13, YWG14]. **Austria** [GRG12]. **Author** [BG12, FD14, GHvdB12, KT15, Leb12, SKCK14, WD13, Yur18a, AT17, Abt17, Ama18a, AOd15, AA10, Asu19, Aus13, AP14, Ber18, BKRG13, ByLbH16, BWbH+18, Bur14, CL11, CIK+18, DAMC15, DRS18, DdS19b, DWGL16, Dor17, DGDGSV15, EGR13, Emm19, Gál17, GRSFV15, GRSFV16b, GRSFVCP19, GD16, GSOLHO19, HYF+17, Har12, wH15, HS17, JX13, Kim18, KK18, Kim19a, Kim19b, KKOS19, LP18a, Li18, LH12, MY16, MM14c, MSL11, MJHG13, MPH19, MRR17, OZK11, Pei19, PR15, PPM+17,

Pra19b, QDY14, Rou12a, SGSS17, Sch12b, Sch16, SGY15, SMM15, SE18, TA14a, TDG17, TH19, TC13, Whi15, WSL14, Wil15, WLPH14, YWW17, ZLW19, ZS11, ZC14, ZW14, ZZLS19, ZGL+17, Wra16a, Wra16b]. **author-** [DdS19b]. **author-citation** [ZZLS19]. **author-editor** [GRSFV15]. **author-inventors** [MM14c]. **author-level** [WSL14, Wil15]. **author-paper-citation** [Pra19b]. **Author-Pay** [Wra16a, Wra16b]. **author-pays** [SGY15, SE18]. **Author-weighted** [Yur18a]. **authored** [KO18, LF12a, Osó18]. **authoring** [KM15a]. **authority** [CYT+12]. **Authors** [GRSFV16a, Har17, ADR13, Ask18, Aus13, uHBK19, BD12b, CBWJ18, Cha18c, Cha19b, CXWW18, FM17, FE14, FE16a, FE16b, GHT16, GBHT16, GW10b, Har16b, HC16a, HL15, HV18b, HJM+13, HL17, Hud16, JMM19, LPC17, LXL15, Liu16, LXL16, MHM+13, MS14, PEPUT15, QA18, QL12, SOBM16, SLGO17, San12a, San12d, San12c, TBW+12, VO17, WW15, WQY12, WBX18]. **Authorship** [Fer14, RKZK18, Abb11, AF18, Aus14b, AP14, BHB13, BM12b, CMUdF15, CVC+15, Cha19c, CRFM+12, CHL10, CB11, CFK16, Fie15b, Fie15a, Fie15c, FDVZ16, Gal11, GLS16, GA18, GTGABAG15, Hag10b, Hen16, Hen18, HLW19, ICC16, JCK11, JX13, KY16, Kim10, KGG15, KPSL12, LH12, LF14a, LF14b, LX15, Med18, MCL+11, MdNS+19, NPT+15, OVJM17, OROMAA16, OKK14, PFL19, PYL16, PROGMA10, PG14b, PB16, Pra11b, Pri15, Pri16b, RGGBV16, RP17b, RPK18, SP14, SL14, SSN19, SJ19, Tol11, UHAR12, VuHL10, VO17, Wal16, YB14, YSD11, dSF13]. **authorships** [BL15, CHM15, FK16, KB18, Med18]. **automated** [Gom19, LBW17, ST14c, DPF+16]. **Automatic** [ABM19, KBT14, MXZ18, vEWNB10, ES16b, GMJ+17, MSA13]. **automatically** [KKOS19, LSS15, LSS16, MÁB18, TL18]. **automation** [MAGAM13]. **automatizing** [Lam12]. **automobile** [WLN+14]. **automotive** [CD16b]. **autonomous** [VT10]. **autonomy** [CRMPRS18]. **autoregressive** [ILP13]. **Availability** [BC17, ABMSSP16, ABSF+19, CLD13, LL16, LP18a]. **average** [ADV11, Egg10c, GBDG19, YY16]. **avoid** [LMKG19]. **Avoiding** [The17b]. **awakeners** [Fan19]. **awakens** [EG18]. **award** [MTA+18, Fie15b]. **awardees** [Han11]. **awarding** [HN16]. **awards** [CT15b, JL18b, MTU17, ZL15a]. **aware** [CU16]. **away** [CS19, SS16]. **axiomatics** [Que10]. **Azerbaijan** [GHA+15].

B [PAL13]. **Back** [MMOMALC16, CG18b, SMF18]. **background** [CT15b, Ye14]. **backward** [CKPY19, CLHH10, YST12]. **bad** [HS16a]. **badly** [WP18]. **Baidu** [CD18]. **Baike** [CD18]. **Bakare** [Ano18b]. **balance** [Ley18, MHM+13, Pra19a]. **balanced** [WLZ+19]. **Balassa** [Rou19]. **ball** [Cha19a]. **Baltic** [ZKD11]. **bang** [MB10a]. **Bangladesh** [HMK+12, MR10]. **bankruptcy** [dPdCAdMC+16]. **bans** [CRBRG+18]. **bar** [RCJ18, Ano17a, Ano19, The17c]. **Bar-Ilan** [Ano17a, Ano19, The17c]. **Barsotti** [Pra17a]. **base** [FRPP17, GLÚGML16, Ham11, HMK+12, MKF14, RY14, SdJDD19, WOW10, ZG17c, ZLH+15]. **Based**

[CXZ19, DLL+16b, AAH10, AF15a, AJSN18, ACD11, Ahr17, uARA19, AÇA+14, ACHVH10, ÁCCG+15, Ama18a, ADD+15, AW11, AGLNRR14, AMMT16, AYS+13, Ask18, AMI18, BK10, BKL15, Bel17, BGBS18, BT18b, BT18c, BSBG18, BM14b, BH16c, BYY17, Boy17b, BN14, BDC+12, Cab11, CHWL12, CHL15, Cha18c, CZPR17, CCLL14, CC12b, CYH13, CjZZ+19, CLSW19, CHL10, CL16, De 13, DMB17, DdS19b, Egg14b, ÉMS+13, Eto13, EHK12, FZZ17, FSSPG+15, FE16a, FE16b, FMM14, FA10, Gal11, pGSyW+19, GTD14, HA19, HK19, HYF+17, HBA19, HGH17a, HB18b, HLC17, HH10, HP18, HJM+13, Hos11, HTL15, HSPY15, HZL+17, HH17e, HYS18, IA19, JSZ13, JC19, JH16, JDLIV14, JS15, Jun12, KMD+18, KM15a, KWM+18, KT15, KPJ16, Kha13a, Kha13b, KHR+19, KP12b, KD14, KL17, Kis11b, KB13, KB18, KJES16, KW17, KPRT16]. **based** [KTRP17, KK17, KR17a, LGR17, LVSL18, LSC10, LS17a, LPMK17, LL19, LZZ+12, LZZ+13, LCR13, LKR14, LZ14, LYWSV13, LYGQ12, LGZ+13, LZFW15, LSS15, LSS16, LPL16, Li18, LP18b, LRY18, LSY11, LCD+14, LGH+14, LWM+15, LM16, LdZwC+17, LL13b, LDZ17, MLOY18, MVS10, MR13, MGLZ10, MB13, MHTB17, MCR+12, MM15a, MD18, Moo15, MKHB13b, NH11, NA12, PFDL17, PYK12, PJY17, PHL17, PMJF19, PROG19, PRDG17, PZ17, PPM+17, RAA18, RRL16, RT17, RFGBMA13, RPK16, RP17a, RPK17, SOBM16, SBSR19, SS10b, Sch10a, SZAS16, SK17, SLK12, SKCK14, Shu17, SV19, SPdSM16, Smi12, SM15, SH18, SDP+19, TW10, TLSH14, TA18, TSMTDLCH11, Van14, VASNU+19, VO17, VT10, WRM17, WYAY12, WLLL12, WZLZ13, WCL14, WLY14, WDS16, WK17, WLC17, WG11, Won13, WLH+17, WZ19b, WKHS19, XGY+16, Yan14, mYqS15, YLL15a, YQX10, YWC12]. **based** [YS13, YZW+17, YHL19, YLL10, YCK11, YLH+17, YL10, YYL10, YHL+18, ZPG+14, ZYZ14, ZZL+10, ZJLG10, ZCL14, ZZPG14, ZCL15, ZGY16, ZLW16, ZFY+17, ZG17d, ZG17e, ZQH+17, Zha17, ZWW+18, ZSC18, ZZW19a, ZLLL19, ZyZZ+11, ZGL+17, ZM16, ZZZC16, ZGJ18, ZHZY19, ZG13c, ZWHH13, dZLwC+15, ZLF18, dS17a, dPSS18, vEW17, vLvWW16, vRvLV11, DLL+16a, AF15b, KCP11, YK11, YPK13]. **baseline** [GT18]. **basemap** [SK12]. **bases** [Sch12a]. **Basic** [HSXL14, ÁBDFB19, BFMRM19, BBL17a, DDS+19a, DWGL16, wH15, NJ10, RRLNAG15, WZ17, vL12, ZKC+16]. **basic-clinical** [RRLNAG15]. **basins** [Vil10]. **basis** [BMP+14, GRSFV12a, GRSFV+12b, Kar12, MG12, RNB19, Sch15a, Wu18]. **Basu** [Pra16b]. **batches** [CT15a]. **battery** [HLLT14]. **Bayesian** [ILB11, RBC+10]. **Bayh** [LM10, LM13a, TR14]. **BCE** [Cav15a]. **be** [ADD10, ACD13, BM14a, BG18, DdlPPL+19, GGH+10, HL15, Ley15a, Ley15b, LCFC14, Lin10, MS16a, MBA13, MDG10, Ort16, Pei19, PS16b, SLISC17, SSZL18, Sot12, The18a, dSBC17]. **beamplots** [HBA19]. **beauties** [CL16, DRCG17, DW18, Fan18, HH17b, HH17d, HY19, LY12, Li14, LY16b, ON12, ZXZ17, ZLF18, vR17, TVA17, vRW18]. **beauty** [Fan19, WRM17, EG18, GR16, SSZL18]. **because** [Cop19a]. **become**

[Bai18, GW10a, LM11]. **becoming** [Cav15a, HAL11, Kra16]. **beer** [Lor10]. **before** [IJF16, MSYW12, WHW+19]. **begets** [ALvH19]. **beginning** [Bar11, MCL+11]. **behave** [BDF+17, YWL16]. **behaving** [WP18]. **behavior** [ADD19a, ADD19b, BKRG13, CSS+16, DY18, GTGABAG15, HFC11, KY17, Kra10, LAS14, LZR14, RMA12, San12a, San12d, Sch10b, Won19, WHH+18]. **behavioral** [BCT19, CdMCdMMdP17]. **behaviors** [KC12]. **behaviour** [LP18a, MS14, VNA16, WG10]. **behaviours** [GBMB10, GGS14]. **Behind** [Zit11, Emm19, GFK+18, JKMS17, Oli15a, ÖS17, Pan14, RY14, RMA12, ZLL19]. **Beijing** [KZSZ19]. **being** [GRSFV19a, Har19a, Tor13, WLM15]. **Belgium** [CAV+19]. **beliefs** [OBG11]. **believe** [BBV10]. **belong** [Koz15]. **belonging** [MRGT13]. **Benchmarking** [CRZGVQdMA16, GRSFV+13, MvdH13, OCJB15, CFL12, GRSFV+14c, GT18, RS12, SSN19]. **benchmarks** [BG18, ZZL+10]. **beneficial** [QZZD18]. **Benefit** [ZZW14, BBJS16, PPI17, WHLP16, Wra16a, ZZW16]. **benefits** [SMM+19]. **benefitting** [Lor14]. **benevolent** [DH13b]. **Benford** [AYS14, AYS16, CC11a, cTnHwH17]. **Benin** [Mêg13b, Mêg13c]. **benthic** [dCdSNB15]. **Berlin** [GGG+11]. **Bertocchi** [BD16b]. **Bertoli** [Pra17a]. **Bertoli-Barsotti** [Pra17a]. **Best** [GRSFV+14c, Cav15b, CFG+14, DJWS11, FLM16, GRSFV19a, MT15, SR16]. **Best-in-class** [GRSFV+14c]. **better** [ADR19, AC13, Fan13a, FFL16, GRSFV16b, GZGAC16, GZGAC17, HC16a, HK12, IA19, Lyk18, MS18a, MDFGAM14, SK16, Sch10b, WWC19]. **Betteridge** [CP16]. **between** [ADS11, AZKR13, ABMSSP16, AMFLH15, AND19, BCML19, BB10, BL10, Bak17, BD12b, BB19, BSS15, BBL17b, BS15b, BL15, BZBLP16, BL17b, CKPY19, Cha13, Cha18b, CC10b, CS11a, CSC14, Che18a, Che20, CIK+18, Cle16, CdMCdMMdP17, DFG+18, DC15b, Dya14, EMSH16, ERW12, Egg10d, Egg13b, ER19a, EMH+10, Fin11, Fin15, FM11c, Fuk14, FI16, pGDTP12, GRSFV18, GD16, GZ11, GB14b, GdOdAG+13, GP18b, GBMA14, GMSZ18, HJL18, Har14b, HN16, wHwH11, HC12, HCLC14, ILB11, ILBG14, JG12, JG14, qJnShPL17, JK10b, JKSK15, KZSZ19, KLP17, KA13, Kim10, KHJ+12, KTLD16, KG10b, KJ14, KM12, LAL15, LBGBdMA13, LV11, LL10, Lee10b, LH12, LHW16, LJC+15, LLP+16, LXH+18, ML18, MVS10, MM16, MR15, MRGT18, MSL11, MA19, MGMY+18, MDG10, MPM18, MSC18, NA18, APFR+13, OMA15, dFPYdCL12]. **between** [PCR18, PJY17, Pen19, PRRC15, PROG19, Pra17a, RGLE16, RGCM14, RSGFV14, RPK16, RP17b, RPK17, RPK18, San12c, Sch13b, SH15c, SZ18, TB19a, TLSH14, TA11, The16, The18c, TYWZ12, Tod11, VTY17, WV13, WvEvL+11a, WWP14, WWH+17, WWP17, Wol15, XXL+17, XGCK19, YSM+19, YWS18, YYDH12, YWW17, YST12, ZYG15, ZFY+17, ZSCR+18, ZYNZ18, ZG12b, ZG13b, ZW19, ZRY+12, ZL15b, ZB15, ZH17, dJC15, dW15, dSTL18]. **between-department** [PRRC15]. **Betweenness** [LWB18a, GLM11]. **Beyond** [ATM16, McC18, SK12, CRMdMA15, HH15b, KB11b, KR17a, Mik17, OKCPS17, Pra10b, Ran09, RPAMR19]. **bi** [BB19, GZ11].

bi-directional [GZ11]. **bi-regional** [BB19]. **Bias** [CFS18, ADR16a, CGSS13, CdMCdMMdP17, DD18, GRSFV16a, HE16, KKdBK12, KK13, LRZ13, MRLW15, Mou15b, Mue18, SC13, TN19, WL18]. **biases** [CdMCdMMdP17, MBT16, Mes11]. **Bibliographic** [TZG15, ATJ16, BC13a, DRS18, DCS12, FS12, GD16, GKF17, Gus19, HA19, HD17, HWL11, HH10, HC14b, hHC15, KKLP17, KWS17, Liu17, LJMF15, MB19, MGLZ10, dCCMAW16a, dCCMAW16b, OMAT19, SKCK14, SL12a, Soó14b, dFVDU$^+$19, VO17, YSY$^+$13, dCPRP18]. **Bibliographical** [LKP11, CHL15]. **bibliographically** [Sch12a]. **Bibliometric** [APPS15, AMFLH15, Ano18a, BY13, BSS15, BGJ$^+$16, CFM18, CVD14, CIK$^+$18, CdMCdMMdP17, CZ18, DSG$^+$15, DCM16, EDEH16, FP18, FM11a, FZZ$^+$11, GALR16, HL15, HZD$^+$15, Kaz14, LLL12, LJKG15, LHC16, LLP$^+$16, LA19, LWW$^+$11, LPZ17, MM14a, MM14b, MC12, MKP16, NBR$^+$11, OMJLVSN19, RNF19, SH19, SÁV18, SZAJS14, TW10, Ter17, yTnL17, TE18, VFA10, vLvWW16, ADS12, APT13, AG13, AAB$^+$13, AEFP16, APR19, ATCCAAB19, AATBPAB15b, ABGS14, AYS16, Ama18b, AC13, ACC$^+$16, AMMT16, Asu19, BMM14, Bar17b, BK15, BL11a, Bel13, BLS15, BMTA15, Bor16, BG17, BTL19, BZBLP16, CHWL12, CZW13, CLHH10, hCyL12, CWJC14, CJY$^+$15, CRZGVQMA15, CH12, CC11b, CG15b, CvLvR11, CNC18, CAS16, DMB17, DVB15, DSM11, DSH$^+$10, DXL$^+$12, EBR16, EBK16, EW15, Ell18, FZQ17, Fed13, FS12]. **bibliometric** [FPS14, FFR16, FdSdO17, FRF$^+$19, Fra10, FM11c, FMM15a, FMM15b, Fra17, FA10, FZZ$^+$12b, FH13, FLH14, FH16, GW15a, GG14, GREL14, Gar15, GMJ$^+$17, GW10a, Glä12, GM13, GTC16, GZM15, GGW11, GG15b, GGG16a, GFK$^+$18, GBGB13, GGW$^+$13, GWG17, HH17a, HHK$^+$12, HHZ14, HTHB11, HPBI$^+$14, Hei13, Ho13a, Ho14, HH15c, Ho16, HH17c, HSBW10, HdSV16, HC15b, HC15c, HC17, HC16b, HFC11, HW12, HSX$^+$15, HHA$^+$16, HZL$^+$17, ILB11, IQT$^+$19, IH14, IFH15, JPZ14, JDG14, JPZ$^+$10, Kaz15, KHVGA$^+$16, Kim14, KKBW17, Kis11a, Kis11b, KGZML$^+$19, Kor19, KVC15, KBL15, Kra10, KvES11, LBCO19, LKP11, LNRSRBB18, LWR$^+$17, Lin12, LZH$^+$12, LLGW13, LZH$^+$13, LFLG14, LTGH15, LYLD15, LLW$^+$16, LM16, LTK$^+$19, LdSdFFNM17, LSL15, Lyk18, MH16a, ML18, MdBdP$^+$19, MWH14, MB13, MHTB17, MDDG17, MSL11, MYN$^+$15, MGMW14, MS14, MH14]. **bibliometric** [MSH16, MD18, MdNS$^+$19, MEG15, MRN14, NFH12, NHY$^+$14, NT17, Ort17, PFDL17, PJL19, PYL16, PHBN$^+$15, PS15, PLW$^+$15, PEFP13, PFPCM$^+$19, Pra11a, Pra14a, Pra14b, Pra14c, Pra17c, Pra18a, PHS12, RG15, RC13a, RMdO17, RAM18, RGCM14, RPNC13, Saa10, SC18, SRGMF15, SZMS17, SH15b, SMCC18, Sch16, SFR$^+$19, SAR19, SSN19, Sku19, SM15, SS15, SCLC15, SG16, Suo14, TG16, TG18a, TFH14, TCC17, TCH$^+$15, TA15, TFJD14, TM12, TA11, TW16, Tod11, TP11, TA17, Tsa11, Tsa15, yT11, yT15, TT13, VMM15, VZAMG19, VEJC$^+$18a, VSVR15, VSK18, WvEvL$^+$11a, WYvE11, WYH10, WLHZ13, WL14, WCB$^+$15, WXZ$^+$16, WH16, WC18, WHW$^+$19, WL18, WSL14, Wil15, WOW10, WOW13, XM13, YWL16,

YLC18, YYDH12, YCL+13a, YJ11, ZL18a, ZXH10, ZJLG10, ZLT+14, ZLL+15, ZXM+16, ZWW+18, ZY19, ZWW+15, ZWW+16, ZZY13, ZXLX14]. **bibliometric** [ZZ15, ZG13c, ZHMX14, ZH17, ZLN+13, dART+17, dJC15, dMALIM14, dPdCAdMC+16, ddMS15, vEWNB10, vEW10, vLCCMV13, vR12, vWBS+16, BD16a, Glä18, WWC19]. **Bibliometric-enhanced** [Ano18a, CFM18, SH19]. **bibliometricly** [LD16]. **Bibliometrics** [Ano15, DGWZ13, Glä15, MMOMLC18b, PB12, AD11a, ADD11a, ADR19, Agu12, ABMRVZ14, ABRVZ15, BH17b, BM19, BJIB16, CLD13, CYW+11, CS19, DPF+16, GWP16, JVM17, KHS+15, KDFL14, LWB16, Lin10, LSE+18, Mad15, MB16a, MS15a, NRAW17, OCJB15, QDY14, RTP17, TE18, UMdSV12, Vin10a, WV13, WTM+16, Whi18, mYqS15, ZAJ19, Zit15]. **Bibliometrics-aided** [Glä15]. **bibliometry** [GY12]. **bidimensional** [TSMTDLCH11]. **Bidirectional** [GP18b]. **Big** [Hal14, HH15b, HSPY15, Pra14a, Ano16b, HIG+17, HBS+19, LPB14, MB10a, NT17, Par14a, RNM18, Sko14, YWG14, ZVC11, HZ17, JK19, ZLH+15, SBSU15]. **bilateral** [BKSS15, GW15b]. **billion** [Jac18]. **Binary** [Aus14a, Par15]. **Bio** [JAAA18, LM13b]. **bio-scientists** [LM13b]. **Biochemistry** [CAGL15, TN19]. **biodiversity** [CFdC+14, aSS17]. **bioenergy** [LGH+14]. **biofuels** [GD17]. **Biographical** [IWK18, SBB16]. **biographies** [Ken18]. **bioinformatics** [KJS14, LLG14, SK13, SHK14]. **Biological** [Kim14, ACAGD+17, NPT+15, RCdJ+14]. **Biology** [CAGL15, RBF+10, CWJBT10, LABL13, RASP13, SKY17, TN19, ZW18b, ZL17]. **biomass** [LGH+14, ZKC+16]. **biomass-based** [LGH+14]. **Biomédica** [STCRPA18]. **Biomedical** [CD18, KKT+18, ABMRVZ14, ABRVZ15, ÁBDFB19, AGLNRR14, BAC13, BvdB14, BN10, Bre10, BN14, CXWW18, CL17b, FA10, FAA13, HEH17, JK10a, JDH12, JH16, Kis11b, Lan13, LT10b, LS15, MV19, OCJB15, TTC17, VHG+15, ZLG+15]. **bionanoscience** [RM10]. **biopharmaceutical** [AJCACRdMA16, GSPLVG+18, ZT18, ZT19]. **biophysics** [Var11]. **biosciences** [JTZ14]. **BIOTA** [CFdC+14]. **biotechnological** [RR17]. **Biotechnology** [MJC14, BY13, CG11, CdSPdM13, EES13, GZ11, HCLC14, PS15, PS13, ZLH+16]. **biped** [LW10]. **bird** [DF15]. **birth** [GR16]. **black** [GP15, Sku19]. **Blaise** [Ano14]. **blanket** [ZLT+14]. **blind** [SB17]. **block** [Har19b]. **blockbuster** [BMR12]. **blockchain** [FRF+19]. **blockmodel** [XLZ+18]. **Blockmodeling** [CRFM+12]. **blogs** [HC16a]. **BMC** [Asa19]. **BMJ** [DGD19]. **board** [Kim10, MHM+13, TO18, YP19, ZL18b]. **boards** [GCGP10]. **bodies** [BM12b]. **Bogazici** [SSAG16]. **Bonded** [KM16]. **Bonded-communities** [KM16]. **Bonitz** [BS13a]. **bonobo** [Hir19b, LBO19]. **Book** [HCDT16, HFC11, LDG17, Ye14, Ben11, GTC16, GGP14, HH17a, JMM19, MRGT18, TSRGCCJC14, TSRGG17, VE14, WF18, ZZZC16]. **bookmarks** [SMM15]. **Bookmetrix** [ENA19]. **books** [ENA19, GTMRE+16, GTMRE+19, OE15, Sch14a, Sch17b, TSRGCCJC14, yTmShL16]. **booming** [AvLS14]. **boost** [ES16a]. **boosted** [WBH+12]. **boosted-trees** [WBH+12]. **Boosting** [GKS18, LS19b]. **Border** [PSY+19, CKB+14]. **borders** [HL13].

Börner [Ley11a]. **Bornmann** [Hir19b, Dan19, Ste17]. **both** [HM18]. **boundaries** [BMR12, Fie15b, MGMY+18]. **boundary** [Cop19a]. **bounded** [McC14]. **bounds** [KD19]. **box** [Sku19]. **BR** [ZKC+16]. **BR-CI** [ZKC+16]. **brain** [MT12a, Vel12, WMW+13]. **branch** [PL18]. **branches** [PPE14]. **brasiliense** [GVGSEPRC15]. **Brazil** [dCPF14, CdSPdM13, FWFM18, FKRS14, GdOdAG+13, GdA14, Han15, HRH10, HdSV16, RGdCMM17, RCdJ+14, dSSdMAF14, SSdOS17, dAG13, dSF13]. **Brazilian** [BSG17, CFdC+14, CDdS+12, DRMMC19, FP18, HR11, HG17, LML11, LSM+15, dNMVQL16, MCL+11, MdNS+19, OCM+12, PB18, PPK+16, RCdJ+14, SLD+17, SRP13, WV13, dSNV18, dART+17]. **breadth** [GPN14, HR15, YMSQ10]. **Breakthrough** [PLWS14, FM11c, GKS18, Paj15, WFH+16]. **breakthroughs** [RNB19, WT14, WT15]. **BRIC** [AATBPAB15a, WLY14, YYDH12]. **brick** [GRSS16]. **BRICS** [BPHL16, Fin15, FB16, SK18, WW12, YQW13]. **Bridge** [WMT+12, RCJ18, XG18]. **bridges** [ACD14]. **bridging** [AChO19, XG18]. **brief** [Bha18, LT10b, MBR+13]. **brimstone** [WRM17]. **broad** [LLYC14]. **brokerage** [PW13, WhCL10]. **brokers** [Fie15a]. **browsing** [KWS17]. **BT** [KL17]. **bubble** [FM11c, ZWW+16]. **budget** [Tod14]. **Building** [HSK18, WJCC19, ÁRS17, KR17a, McC18, SK16, xShLY+15, VHD+16]. **buildings** [CNC18]. **builds** [XG18]. **burden** [HEH17]. **burdensome** [dS18]. **Business** [ALvH19, CDD15, ELP11, HM15b, KG16, SRGMF15, WS13b, ZWW+18, AL12, AHP17, BSS15, Bha16, CLLZ15, CIK+18, Cle16, CAS16, DTM+13, EBD15, FPS14, HLSC18, KJ13, LQW17, LHM+11, LDVSGDR16, LDVSGD19, ML10, PHV17, PHS12, RBBG18, TE18, WHC+13, WLZ+15, HM15a, HSBW10]. **butterfly** [WRM17]. **BWM** [Sal17, SDP+19]. **byline** [ADR13, MSL11, YWW17].

C [EDEH16]. **CAD** [AA18]. **Calculating** [BWdMA17, Sch13a]. **calculation** [CvLB10, FMM13a, MBSB17, Pra12d, RKT+15]. **calculus** [MGT14]. **calibrated** [KPRT16]. **California** [HFW+14]. **call** [Sug11]. **calls** [RJ14]. **Calophyllum** [GVGSEPRC15]. **came** [CMO11]. **camel** [GAGT15]. **campaigns** [Par14b]. **Campanario** [Egg14a, Ano18b]. **Campbell** [Par14c]. **campuses** [PL18]. **Can** [Bru10, HL15, Kis11a, LRC19, Ley15a, Ley15b, LCFC14, MS16a, MBA13, MBT16, MDG10, Pei19, SL17, SS10c, SLH18, The18a, WFZD19a, ACD13, ALH15, BG18, ENA19, GRSFV14a, Ley18, LM15, LF17, MS18a, PS16b, PLWS14, SAPR18, SLISC17, WhCL10, WM17, WWC19, Yur18a, HC16a]. **Canada** [EES13, HAL11, Lun19, TBS15]. **Canadian** [GHS18]. **cancer** [BL17b, KGG15, LR12b, LRWS16, WKHS19]. **candidate** [ST14c]. **canonical** [LW15]. **Can't** [Lyk18]. **Cao** [PT17]. **capabilities** [FLZ17, FFR+17, LGR17, Wu14]. **capability** [LKS+14, Liu17, vWBS+16]. **capacity** [KS17, MJC12, VHD+16]. **capital** [BDC+12, DR10a, EN17, FMU16, GB14a, KMS16, MARMSG19, PS13, TO18, ZW17a]. **capital-based** [BDC+12]. **capitals** [SWH14a, SWH14b]. **capture** [CGG19]. **Capturing**

[APYS13, TB19b, TW18, CMRC15]. **Carayannis** [Par14c]. **carbon** [CWL10, EGUB12]. **card** [BI12b, BI12a]. **cardiology** [Sch17a]. **Cardiovascular** [BPTG10, SZMS17, CdJD15]. **care** [CYW+11, YLY+14]. **Career** [ADR14a, DH13a, CT15b, CMT18, Egg13a, GHA+16, HAA14, HCL14, KKS16, Lee19a, LD16, VO17, XA15, ZG12a]. **Careers** [Kos15, Waa13, CHM15, Emm19, KK13, QZL+17, Yur16a, vdBS16]. **Caribbean** [BB19, CR14, MSB18]. **Carlo** [Sch16]. **cars** [Jun12]. **cascades** [HBDL18]. **Case** [GS15, ADV11, ACD13, AW10, Ama18a, Ard12, Asa19, ÁRM13, BCML19, BHB13, BI10b, BI14, BIH17, BSG17, BPGGdMA12, BR11, BSK15, BKSS15, BD10b, BSMD11, BND11, Bor18, BPVM11, BvdB14, BJIB16, CWJBT10, CSS+16, Car16, CGG+17, CFP14, CO10, CWL10, CJC13, CAGL15, CLO18, CLLH15, CD18, Chi14, CRFM+12, CHL10, CP12b, CC13, CYK+11, CdSPdM13, DRS18, DC15a, DXL+18, Dya17a, Dya17b, EMSS16, ET15, EES13, Fin11, FI16, pGSyW+19, GRSFV+12b, GD11, GL15, GSTD11, GT18, GRG12, GG13, GZ14a, GLM11, HH15a, Hen18, HMCL16, HL18, HNG19, HTL15, HCLC14, HZQ+17, HYS18, HW10, ILB11, IBL13, IF13, ILP11, JNA18, JKPL18, Jun12, KLM16, KKCG18, KM15b, KM15c, KM15d, KL17, Kim18, Kim19a, Kli16, KK19, KWW15, Kra19, KTT11, LR12a, LLL12, LSCK12, LYS+17, LT10a]. **case** [LNRSRBB18, LW15, LM15, cSL10, LABL13, LL13b, LSE+18, ML16, Mag14a, MRGT13, MMOMLC18b, MB13, MHFB17, MBA13, Mêg13a, MK18, MYN+15, Mes11, MNdF16, Moe16a, MZE19, MCB15, NSKO15, NJ10, NBR+11, OMOR13b, OMLC15, OMA15, Ort11, OBG11, PY14, PHL17, PLJ18, PSB+17, PRRC15, Pet18a, Pol16b, PPI17, PB17b, PLG19, RHMH17, RM10, RASP13, RMA12, RGTSLCH14, RPP18, RF19, RNM18, SCGZSL+13, SND19, SIS17, SW19a, SHR+10, SG10, Sch13a, SS10c, SJ10, Shi11, SV19, SK11, Soó14b, Sot12, SK14a, SGY15, SE18, SL16, THAL15, TUCR15, The18a, TG18b, Tsa15, VNA16, VRF12, VLV14, WS11, WLR+14, WLN+14, WLD+14, WPW+14, WT14, WY12, XBD+18, YIK+10, YCL+13b, YSY+13, YKCK13, YKLK14, YCK11, Yos13, ZVC11, ZZPG14, ZSC18, ZW18b, Zha10, ZC14, ZLLL19, ZGL+17]. **case** [LX19, ZLLD19, dSD18a, vLvWW16, vdBS16]. **case-control** [RF19]. **cases** [FR11, WD13]. **CATAR** [TT13]. **catch** [JK19, WRV14]. **Catching** [ÖS17, RY14]. **categories** [BBJS16, CC14, Cam17, Cam18, DGDG13, DGGBDG17, Eld19, GRSFV+14c, Har13c, KB18, LCR13, QRJ+17, RSGFV14, WWH+17, ZCL14]. **categorisation** [JDH12]. **categorization** [AZKR13, ANZ15, TA18]. **categorize** [HK19]. **category** [CWH11, hHSL19, THFBdMA18, Yu17]. **causal** [BKRG13]. **causality** [ILBG14, LLCL11]. **caused** [Bor15b]. **causes** [MB15]. **cautionary** [BI18a, CF18, DSH+10, dSD18b, dSD18c]. **cautions** [TCH+15]. **CBkCI** [Ye14]. **CC** [AAH10]. **CC-index** [AAH10]. **CE** [Cav15a]. **CE/** [Cav15a]. **CEFIPRA** [BKSS15]. **cell** [ÁRS17, BL17b, LZZ+13, dNMVQL16, SYLC17, Suo14, YKCK13, ZZP+14a, ZS11, BHDI18, SRW+15]. **cells** [AW11, CHY16, CYK+11, HLL14, HDC13, HYC15, LAHH15, Pra14c,

WLR+14, YCK11]. **centage** [Sch15c]. **Center** [Das16, Fie15c, You14, ZTRH18]. **centers** [EGUB12, KZSZ19]. **Central** [BBSS16b, BBSS16c, DGDG11, GBHT16, Egg13c, Pra16b, BBSS16a, GVS17, JMM19, LGR17, WCB+15, WHW+19]. **centrality** [Abb13, BHB13, BHA15, DLGP16, FLB11, FK17, FK18, GLM11, KJES16, RPK17, SP12b, ZLF+14, ZRL18]. **centre** [SS10c]. **centre-periphery** [SS10c]. **Centres** [MEG15, MDFGAM14, MCB15]. **century** [ACORC10, BCC+17, GZ18, MCL+11, SCGZR16, Sot12, TW16, Won19]. **CERIF** [ISR11]. **certain** [ZG17a]. **Certainty** [AD13, SBK19]. **certification** [Van12]. **Cext** [ZLF+14]. **Cext-N** [ZLF+14]. **CH** [KWW15]. **chain** [BLdlCV17, NSH+11, QDK19, SDT15]. **chair** [MB16b]. **challenge** [BGG+17, MSA13, SÁV18]. **Challenges** [AJdMA10, Ano16b, BH16a, CRAJdMACÁ15, DG16, FS12, GTC16, HAG+16, Hau16, ZLL+15]. **champion** [MM14b]. **chance** [CYH13]. **Change** [CRLMLM17, MB16a, ARE+18, AM18, ÁRM13, BP11, BHM16, CÖT15, CHY13, CL17a, CIL+16, HYS18, HLLT14, JVM17, LWB18b, LDZ17, MB10a, MHFB17, MHTB17, PG14a, SK16, SY16a, Soo17]. **Changes** [Asa19, IFT+18, AvLS14, Cam10, GKS16, Han11, HC12, ÖS17, RF19, SV19, Sob11, YS14]. **Changing** [Chi15, EOS12, ADD11b, HLSW18, MT13b, OFP16]. **channel** [KCT+17]. **character** [ATJ16, Kol12]. **Characterisation** [GB17a, LFBI19, CPF13, RBF+10]. **characterises** [ÁBDFB19]. **Characteristic** [Egg10a, BYY17, Glä10]. **Characteristics** [BBS17, FCWH11, Fuk17, LLG14, OE15, SLGO17, SM15, WTG15, Zha10, ZLH+16, BIH18, BSvEK13, Fuk14, FK17, FK18, GFC18, GW15a, GKK15, GA18, GW17, HdSV16, HN16, JCK11, KSB11, LL10, LPMK17, LVHS+15, Lin12, MM14b, MJHG13, MC12, MTA+18, PY19, PLA10, RMH14, San13, SCL12, TSRGCCJC14, WZFD19, WSL14, YZB18, YC12, Yos13]. **Characterization** [GSPLVG+18, PHDC16, AdAdAM10, DRCG17, ER19b, FP18, HMI19, VAJCC17]. **characterizations** [Que11]. **characterize** [ACHVH10, MK18, UBTS16, Vin10b, ZYF+17]. **Characterizing** [JKN19, MHC+15, PLA10, PAL13, YWY10, MHLGHV14, SLXD15]. **charge** [PB18]. **charges** [BS15b]. **Charles** [GR16, MHFB17]. **Charting** [Pen19]. **Chatman** [GTAG18]. **Chaves** [dCPF14]. **chemical** [FLH14, GVGSEPRC15, Kaz15, Tom17, Tom18]. **Chemie** [BD10b]. **Chemistry** [BND11, BHJD12, RHGKD16, Tom17, BHB13, BSMD11, CGG19, GW10a, KA13, Lee10b, LRZ13, TA17, Tom18]. **chemists** [Kos15, ZCKZ16]. **Chengyu** [PT17]. **CHI** [MTA+18]. **chicken** [CMO11]. **Chief** [Glä14]. **child** [VASNU+19]. **Chile** [MC13]. **chimpanzee** [Hir19b, LBO19]. **China** [Liu16, Shu17, BFHS18, BSB12, BL17b, CG11, CJC13, CXpHqZ15, CXWW18, CRR14, CHL10, DGWZ13, FCWH11, FH13, FLH14, GW15a, GGR11, GP18a, GW10b, HWL11, HHGZ11, HHDL13, HGH17b, HSXL14, HSX+15, HYS18, qJnShPL17, KZSZ19, KHJ+12, LZZ+12, LZ14, LYGQ12, LGZ+13, LL15, LCZ17, LSY11, LHW12, LLG14, LF14a, LXL15, LG15, LTGH15, LJC+15,

LXL16, LPZ17, Ma12, ML18, MM14b, MHM+12a, MT13b, Pan14, PYL16, PP18, QDK19, QMSM+19, SMY15, SH15c, SL16, TS11a, TS11b, TYWZ12, WXLL12, WXW+13, Wan16, WWP17, WZ19a, WY12, Wu14, XCS+16, YDZ10, mYqS15, YCL+13b, YHC+15, YGW+15, YXW18, YSND17, YSD11, YYS+10, YHL+18, ZSY14, Zha14, ZGL14, ZZ14, ZZP+14a, ZYG15, ZG17b, ZLL+17, ZW17a, ZRL18, ZY19, ZW14, ZLH+16, Zha18, ZW19, ZyZZ+11, ZZZ+12, ZM16, ZG10, ZZY13, ZT14, ZL15b, ZB15, ZSY+13, dS17a].
China-a [YYS+10]. **China-related** [LTGH15]. **Chinese** [ALYZ15, BHS14, CZ18, DQ11, Fan15a, FYC15, FL16, FZZ+12a, GGG14, pGSyW+19, GXC+19, GC10, HYF+17, HZD+15, LYWSV13, LCWY12, LLX+18, LZL10, MLC14, NQ14, SLG10, SW19a, SLH18, SDS14b, kWhHRkS10, WXLL12, WMW+13, WHC+13, WLN+14, WRV14, WWP14, WPW+14, WHL+15, WDS16, XA15, YMSQ10, YGW+15, Ye14, YSND17, ZYSS14, ZCZ+16, ZZ11, ZHMX14, ZL17]. **chip** [VMM15]. **choice** [MRLW15, Mou15b, PROG19, Sil13, Wad18, Wan13]. **choices** [XA15]. **cholinesterase** [CWJC14]. **Chornobyl** [MHKB16]. **chosen** [FSLR10]. **Christmas** [Har13b, Har14a]. **Chuang** [HW12]. **CI** [ZKC+16]. **CIBER** [MCB15]. **circle** [LM15]. **circles** [TA14b]. **circular** [CZ18, NT17, San12c]. **circulation** [Vel12]. **circumstances** [GKS18]. **CIS** [Kar12]. **citability** [ADD16]. **citable** [Cam17]. **Citance** [KMD+18]. **Citance-based** [KMD+18]. **Citation** [ANZ15, BI10b, BRS+16, CC14, CjZZ+19, CH12, CL17b, FLH14, FH16, HG10, Ho13b, Ho14, HH15c, HTL15, HW12, HZL+17, hHSL19, HOB17, IH14, IFH15, Jac12, JPT13, KWW15, LBGBdMA13, LvI10, Li14, LLG14, Lop10, LL12, MH16a, MSB18, MCR+12, NSH+11, PD10, PRDG17, QRJ+17, RMA12, SLG10, SD13, Sil13, SSS+11, SL12b, Sot10, SDEB16, SDS14b, SC13, SZ12, TFH14, TYWZ12, VASNU+19, Wan13, Ye14, YJ11, YYLW14, Zyc10, dSD18a, vEW17, AD13, ADS16, AD16, ACP12, AA18, uARA19, Ama16, ALH15, ACD14, Ase10, Ask18, BL17a, BVZV16, Bal12, BAB13, BK11, Bel17, Ben11, BASL16, BBL17b, BOS14, BP11, BL15, BYY17, BL18, BYY18, BW19, BW20, BC13b, Bou11, BT15, BGJB16, BS16, Brz15, ByLbH16, BWbH+18, Bur14, CTL+19, CD16a, CD17, Cam11, CSS+16, CPY13, Car16]. **citation** [CD16b, Cha13, CHL15, CHC17, CLHH10, CL11, CY13, Chi15, CG17, CG18a, CGG19, CS11b, CA19, CL16, Cop19a, Dan14, Das16, DD18, DC15b, Don17, DGDG11, DGDGSV15, DGGBDG17, DB16, DGF17, EMSH16, EG18, EMH+10, ÉMS+13, ES18, Eto13, EHK12, Fan19, FFR+17, FFR16, Fia11, FA10, FZZ+12b, Gál17, pGDTP12, GD11, GD16, GK18, GZ11, GSTD11, GTD14, GTC16, GHT16, GT18, GSKM17, GAE15, GXC+19, GBDG19, GTGABAG15, GTAG18, GGP14, GGS14, GS12, Hag10b, HT11, Ham11, Har13d, HSAK18, HB18a, HSK18, HLC17, HT19, Hou17, HYC18, HHGZ11, HRC12, HWS18, hHC15, HC16c, HW10, Hur17, IA19, IL14a, ILGZ+14, JBC19, JDH12, JDLIV14, KLP17, KPJ16, KZ13, KY16, Kim10, KCK14, KJES16, KPJT14, Kos18b, LV11, LGPC18, LZB10, Lee15, LK17, LS17b, Lee19b, LT10a, Ley13a]. **citation**

[LWB18a, LWB18b, LPL16, LQW17, LWL17, LC18, LG10, Lin18, LSY11, LC12, LCD+14, LABL13, LWT16, LDZ17, LS19b, MY16, MHLGHV14, MB15, MBT16, Meh07, MDG10, Mik17, MRS+16, MPH19, MT13b, MKHB13b, MKF14, NSKO15, OKCPS17, OZK11, OM11, Ort16, PNS+10, PKR15, PYW18, PW17, PLJ18, PAL13, PW13, PRA16a, Pra12d, Pra17a, Pra18c, Pra19b, PML14, QL12, RAA18, RGGBV16, RCJ18, RPAMR19, RKT+15, Rod17, RPK16, RP17a, RPK17, RPK18, RMH14, RC13b, San12a, San12c, San13, SBT18, SG10, SvLVA19, Sch13b, SA17, Shu17, SL12a, Sma10, Sma11, SBK19, Smi12, SI17, Soo17, SGY15, SH18, SE18, Ste19, SX16, SD18, TB19a, TK10, TA14a, TA18, TA14b, The16, The18a, The18d, The18f, The19a, TN19, TDG17, Tol11, TSRGCCJC14, TSRGG17, TC13, yT15].
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KPSL12, LGL10, LSS15, LSS16, LQW17, LH12, LHW12, LC12, LX15, LM16, LCIADG19, MJHG13, Med18, MYP19, MKF14, OVJM17, OZK11, OROMAA16, PY14, PYL16, PROGMA10, PB16, PLG19, PML14, QDY14, RAS15, RGGBV16, RPAMR19, RP17b, RBBG18, Rou12a]. **co** [Sch12a, Sch12b, SL14, SD13, SJ19, Sma10, SL10, Tol11, UHAR12, VuHL10, VO17, WZX11, WLLL12, WZLZ13, WCL14, WZW15, WS13a, Xie15, YSM+19, YLL15b, YWC12, YHL19, YB14, YSD11, ZLL+17, ZS11, ZC14, ZGL+17, ZLH+15, ZZW+19b, ZSY+13, ZLF18, ZCMVQS11, dSF13, vdPR18]. **co-author** [Aus13, DAMC15, EGR13, MJHG13, OZK11, Rou12a, Sch12b, ZGL+17]. **co-authoring** [KM15a]. **co-authors** [Aus13]. **Co-authorship** [Fie15b, OKK14, SSN19, Aus14b, BHB13, CMUdF15, CRFM+12, CHL10, CFK16, Fie15a, Fie15c, FDVZ16, GLS16, GA18, GTGABAG15, Hen16, Hen18, HLW19, ICC16, JCK11, JX13, KY16, KGG15, KPSL12, LH12, LX15, Med18, OVJM17, OROMAA16, PYL16, PROGMA10, PB16, RGGBV16, RP17b, SL14, SJ19, Tol11, UHAR12, VuHL10, VO17, YB14, YSD11, dSF13]. **co-authorships** [BL15, CHM15, FK16, KB18, Med18]. **co-citation** [ACD14, BAB13, BP11, ByLbH16, BWbH+18, CD16b, CHL15, CL11, CY13, DC15b, Eto13, Fan19, FFR+17, FFR16, pGDTP12, GTGABAG15, HYC18, HHGZ11, hHC15, LQW17, LC12, MKF14, RPAMR19, SD13, Sma10, WZX11, WZLZ13, Xie15, YHL19, ZS11, ZC14, ZLF18]. **co-citations** [BL15, RBBG18, Sch12a, YSM+19]. **Co-cited** [Whi15, YHL19]. **co-classification** [MYP19, PY14]. **co-evolution** [HD17, vdPR18]. **co-existing** [PLG19]. **Co-inlinking** [Hol10]. **co-invention** [CJC13]. **co-inventor** [ZZW+19b]. **co-inventorships** [GGR11]. **co-link** [LGL10]. **co-occurrence** [BHH18, LSS15, LSS16, LM16, LCIADG19, QDY14, SL10, ZLH+15]. **co-opinion** [YSM+19]. **co-patent** [qJnShPL17]. **co-publication** [BHS14]. **co-publications** [WS13a]. **co-publishing** [KTLD16, PML14]. **co-term** [ZCMVQS11]. **Co-word** [AW11, OGOPPR17, RFGBMA13, CLSW19, Dan14, DVB14, FZZ17, GW15a, HHDL13, KO19, LHW12, RAS15, WLLL12, WCL14, WZW15, Xie15, YLL15b, YWC12, ZLL+17, ZSY+13]. **coactivity** [CHY16]. **coastal** [dCdSNB15]. **coauthors** [Aus14a, BLA16, Bou14b]. **coauthorship** [BLdlCV17, CÖT16a, FB16, GPN10, Hir10, KD14, LL15, XXL+17, Xie19, YDZ10]. **Cobbold** [MKP16]. **COCI** [HPS19]. **cocitation** [Zhe19]. **code** [HF19, LPB14]. **codes** [BM12b]. **coefficient** [Rou11, SS10a]. **coevolution** [XXL+17]. **cognition** [SMCC18]. **Cognitive** [PSY+19, Bru10, CdMCdMMdP17, GSE+18, ML13, Oze12b, RGLE16, xShLY+15, TW10, VYL17, BD12b]. **Cogno** [JAAA18]. **Coherence** [LKSK15, RM10]. **coherent** [YLH+17]. **cohesion** [AP16, TCC17]. **Cohesive** [CH14, Keg15]. **cohort** [CIL+16, SST+16, ZXT+19]. **cohorts** [CÖT16b, ÖS17, TCB16]. **coin** [dOM16]. **collaborate** [IDKF17, SLXD15]. **collaborating** [LBGBdMA13, WXW+13]. **Collaboration** [KM15b, KMFD12, LSCK12, LCC12, Mor19, Ort11, Oze12a, PR10, PR14,

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BHJD12, GdA14, HW12, LM13a, LZH+13, MS16a, Pra16b, Rod16, Zon19, vL12]. **Commerce** [Glä18, LHC16, CYH13, SD13, Tsa15, YLL15a]. **commercial** [MT15, yTwTlW19]. **commercialization** [CK14, GP18a, WHLP16, WS13a, YC10]. **commitment** [LBRR19, YC10]. **committees** [Cha19a, SA12]. **common** [Jar16, Kos14, Tod11, Van10, dSTL18]. **commonly** [Hal13]. **commons** [dM10]. **Communicating** [Ano11]. **Communication** [Pen19, RCETS19, Bai18, BHKP11, CLLZ15, CD18, CyPP12, CP12c, CBKL13, FLB11, GRSFV18, GBHT16, HT14, KLPP16, LJS16, LYS+17, MY16, NSC13, PZ17, RCCM14, RHGKD16, SFNO12, SST+16, SX16, XDB+19, YP19]. **communications** [GD17]. **communicative** [Sug11]. **communist** [JKMS17, Pra18d]. **communities** [AAH10, APT13, BMZ+17, CZPR17, CyPP12, HGH17a, HLW19, hHSL19, KMFD12, KM16, MGGdP17, SPdSM16, Sob11, TA11, URU10a, YDJ12, ZGL+17]. **Community** [Bos10, ELP11, ZGL+17, BSG17, BHJD12, BH15, CQB16, De 13, Gar15, GZM15, HPBI+14, KKLP17, LML11, LZFW15, LAdAMJ17, MCLL17, MHKB16, RPGM10, RG18, SK16, Vel12, WY19, ZB12, dCdSNB15, Pou10]. **companies** [CC10a, LLC+17, WZX11]. **company** [HR15, LJ10]. **Comparative** [AS18b, BL10, CHC17, GHA+15, JMM19, MC13, MK19, QDY14, SMY15, ddMS15, Ano17c, BPTG10, ÇAAÇ15, hCyL12, FM11a, FSOS12, GGS17, GdOdAG+13, GW10b, HG17, HC12, hHC15, HC16c, KZSZ19, KHJ+12, KB18, KJ14, LRS+18, Liu13, LXL15, Liu16, LXL16, LZL10, MSDJ19, Moe17, MPH16, NSKO15, NASR11, RCdJ+14, SH15c, SWCH14, Tom18, Wan16, WW11, YQW13, ZPG+14, ZYG15, ZP15]. **compare** [ADS10a, BL18, Har19b, RD13]. **compared** [ADV11, BG18, BTL19, Med15, Ole12, PDAN19, Sot12]. **Comparing** [ABILO10, Ama15, CGZ10, CGG19, DGDG13, Mik10, Sin18, SJOC18, SVCFI14, SH18, BB17b, HDW+15, KW17, MR10, Mêg13c, NSC13, PP18, SvLVA19, Tsa11, Gus19, Sak19]. **Comparison** [BLS15, CG18a, CA19, ES18, FH13, KKCG18, MH16a, MBR+13, MGC19, MKHB13b, OCM+12, PPK+16, SG10, SGG+14, TYWZ12, VBG+17, YK15, ZCL14, ADD11a, AZKR13, ACORC10, AYS14, Ask18, BSBG18, Cha13, CHY13, Che18a, Che20, CA12, Fra10, GRSFV12a, GTMRE+19, GTD14, GB14b, GZ14b, GW15b, GSE+18, HA16, HIG+17, HHBB18, HWL11, KCP12, KZC16, KHK13, LV11, LKY17, LLH+16, LJC+15, MMOMLC18a, MBT16, ML10, OMAT19, Ort18, PRRC16, PROG19, PPE14, Sch11a, SSS+11, SM17, Sot10, SN10, TBS15, yT11, yTmShL16, Vin12b, WvE13, Wil15, XTZ15, YY14, YYDH12, YWW17, Yur15, ZW19, vPD13]. **Comparisons** [MS18a, Wu14, BM14a, CSO17, FLZ17, KKL14, Moe16a, Tod11, VHH16]. **compatability** [MS18b]. **compensation** [HFW+14]. **competences** [CC12b, SB19]. **competencies** [LLC+17, WF17]. **competency** [Lee12]. **Competing** [PLG19]. **Competition** [GRSFV18, HBT16, SFNO12, YPK13]. **Competitive** [Zin16, ACD11, ADD14b, Fan11, LF12b, Rou19, RCCM14, VGPdlC+17, WLD+14, ZZPG14]. **Competitiveness**

[ZKC+16, DCGZ+12, DNAH15, DQ11, MLOY18, WMT+12]. **competitors** [HF19]. **compilations** [HH10]. **complement** [DGDG11, RNM18]. **complementarities** [LWB16]. **complementary** [Dan14, FZZ+11, PLG19, Sah16, VG14]. **complements** [dFVDU+19]. **complete** [ACD13]. **completely** [MSC18]. **completeness** [ÁBMB17, CIL+16]. **Completing** [MM15a, AA16]. **completing-** [AA16]. **Complex** [ÁCCG+15, KPRT16, LCIADG19, ANOdFC12, KRP19, Pen19, RP17a, ZG13c, ZWHH13, Zin16]. **complexity** [GZ17, LRC19, Mag14b, WZS12]. **compliance** [Jam17]. **component** [TG18b, YZW+17]. **components** [Ley11b]. **composers** [Geo17, GN19]. **Composite** [BBSS16b, BBSS16c, BR11, MvdH13, PDAN19, Pra16b, tScL13, BBSS16a]. **composition** [Kim10, PRSB16, Pir19]. **compound** [AP14]. **compounds** [ATCCAAB19, ZXH10]. **comprehension** [IA19]. **Comprehensive** [GQAM19, JDG14, LZGQ13, Moe16a, SL12a, AAV13, CCLL14, GRTPMLAJ19, SRGMF15, SK17, TAA16, WMT+12, ZS11, YLL+15c]. **Comprehensiveness** [yTwTlW19]. **comprising** [APFR+13]. **Computation** [PT17, Cam14, Egg14a]. **Computer** [CHM15, CVC14, FAA13, GZM15, HP10, SLD+17, SUP15, ATK17, dSAEE15, BCML19, BI10b, BSG17, Cab13, Cav15b, Cha18a, DRCG17, ES16b, ERW12, FM17, Fie15b, Fra10, FSOS12, GLS16, GKV11, ILB11, ILB13, IBL13, IQT+19, LL13a, LRS+18, LSM+15, LHBC18, LSE+18, Mue18, QRJ+17, RMCM13, SB19, The17c, USPO15, ZY15, vEW10]. **Computing** [KHH18, VHH16, CVC+15, CLLH15, GSM+16, Ho16, HH17e, LVSL18, LLGW13, NH11, ZW11]. **concentrated** [Pir19]. **Concentration** [Ioa06, Jon10]. **concept** [FRdA16, GZ17, HRB+13, HRB+14, LWM+15, LM15, MHLGHV14, McC14]. **concepts** [ANOdFC12, CNPG17, MG12, NSC13, PPE14, SB19]. **conceptual** [BM19, Car16, CLMN19, GZJ+15, MAGSTRC15, PCRMCB+18]. **conceptualisation** [Bor15b]. **conceptualization** [San12c]. **concern** [Glä18]. **concerning** [LSL15, SM17]. **condensed** [TH19]. **Condorcet** [MOA16b]. **conduct** [KM18c]. **conducted** [Bjø19]. **Conference** [Ano10, Ano15, GGH+14, HSBW10, KÖG12, KG13, LHG16a, LLRG10, OING12, SSAG16, ADM19, ATK17, BSG17, Bar11, Bar17b, KKV+13, LMKG19, LYS+17, Lee19b, LRS+18, MF14, MAA17, SFNO12, SHK14, WBX+17, BI10b]. **conference-related** [Lee19b]. **conferences** [dSAEE15, ERW12, ICC16, LMKG19, MGLZ10, SA12, SDP+19, WBX+17, Web16, WS13b]. **Confidence** [Bor17, Ste17]. **configuration** [Ley11b]. **confirmation** [CdMCdMMdP17]. **confirmatory** [GRSFV16a]. **conflict** [JPZ+10]. **conflicting** [GRSFVdMA14]. **Conflicts** [LS15]. **conformity** [EO14]. **confused** [AM18]. **confusing** [GG15a]. **confusion** [Sch15a, Wu18]. **congruence** [MSC18]. **connect** [Vil10]. **connected** [BSKB17, SK16]. **Connecting** [RG18, Hsi11]. **connection** [Cha18b]. **connections** [BL15, Tu19]. **connectivity** [KGL+14, dFPYdCL12]. **cons** [Dem18]. **consequences**

[HBT16, KH17, MG12, Hal14]. **conservation** [CWJBT10, CLD13]. **consideration** [KM18b]. **Considerations** [BN14, BH17b, GRG12, Hei13, PHDC16, dSSdMAF14]. **considering** [LWL17, WLMF15a, WLMF15b, WZFD19]. **consistency** [KKL14]. **consistency-driven** [KKL14]. **consistent** [De 16a]. **consolidated** [FRdA16]. **consolidation** [GAPP18]. **consortial** [TÜ10]. **constant** [HT19, SS18]. **constraints** [BGBS18]. **Constructing** [CLHH10, LMdBG16, HFL14, LSS15, LSS16]. **Construction** [dCPRP18, JYM+16, xShLY+15, WDS16, YHL19]. **consumption** [BZBLP16]. **contain** [Har15b]. **containing** [LHTL18]. **contemporary** [ZRL18]. **content** [BHPVdPMR18, BWD10, BHJD12, DGPL15, FSLR10, FA10, GPN10, Hol10, LRY18, LDZ17, MS18a, QA19, RKZK18, SHL15, TA18, WOW10, WHH+18, YPK13, ZAJ19]. **content-based** [FA10, LRY18, LDZ17, TA18]. **contents** [Boy17b, ESB15]. **contested** [BH16a]. **Context** [DB16, Yu17, AD18, Ano18c, BIH17, BASL16, BHH18, Cam18, CA12, DCM16, DGGBDG17, Eto13, GVGSEPRC15, GTAG18, HII+18, HSAK18, JW18, Kaz14, Kaz15, KPJ16, KP12b, LCD+14, MWH14, RGTSLCH14, RC13b, SV19, Sma11, SH18, VDV16, Vel12]. **context-based** [Eto13]. **contexts** [Cha13, SMAABJ11, Sma10]. **Contextual** [LPC17]. **Contextualization** [KWS17]. **continent** [CRLMRPA17]. **contingent** [Vel12]. **continuance** [CHM15]. **continue** [BL11b, dSBC17]. **Contradicting** [WDL17]. **contrarian** [JVM17]. **contribute** [OM11]. **contributed** [Cha14, Cha18c, Cha19b]. **Contribution** [DMM13, Fan15a, AG13, BMM14, DWGL16, EGR13, JX13, KB13, Lar12, LKW+16, TG18b, VG14, YHC+15, YWW17, Zha14]. **Contributions** [KKE13, ALYZ15, Ano11, CH15, GK14, LLYC14, PL18, TBW+12, ZL17]. **contributor** [HO19]. **contributors** [WW15]. **control** [EdS19, RF19, ZZ14]. **controlled** [CIL+16, KCT+17]. **controversial** [Cop19a]. **controversy** [JVM17]. **conundrum** [ACS18]. **convergence** [BFMRM19, GMM16, JKC15, KCK14, KL17, LLW13]. **convergent** [BTL19]. **converging** [BNV11, JAAA18]. **conversion** [AA16]. **convolutional** [LHCH18]. **Cooperation** [KRP19, UMK14, BHS14, IJF16, JJR10, RPGM10, SC18, ZG10, dPSS18]. **Cooperative** [ZZW19a, Cha17a, Xie19]. **coordinates** [GGG16a]. **cope** [Bue15]. **Copiello** [Zon19]. **Coping** [GBSZL15, Ano16b]. **copying** [GBSZL15]. **Copyright** [Jam17, LL16, LP18a]. **Core** [BH16a, BH16b, Cho12, Jac18, KLM16, Liu19, MSB18, Vin19, Aus13, Aus14a, Bou14b, CRR14, CS11b, Col17, Egg11f, GT11, Glä12, GT12, GT17, HLL14, HYYL12, HLY14, KMP11a, SD13, WQY12, WF17, XCS+16, YZW+17, YR10, Zel12, ZGY16, CKPY19, ICC16]. **Core-periphery** [Cho12, KLM16, Zel12]. **CORE-ranked** [ICC16]. **coreness** [PY14]. **cores** [SCGZR16]. **corporate** [CC10b, Che11, CSC12, TE18, vPD13]. **corporations** [PYK13]. **correct** [FMM16]. **correcting** [Wra10, dSD18a]. **Correction** [APPF18, BT18a, BT18b, BW20, Che20, Dya17a, FK18, Hen20,

JL19, Kim19a, MM19, RV18a, ZT19, ZWX22, ZTP18a, Ano16a, Egg13a]. **Corrective** [DdS19b]. **correlate** [The18f]. **correlated** [HCL14, SMM15, Tor13]. **correlates** [Lun19]. **Correlation** [ABMSSP16, EMH+10, wHwH11, SM16b, LHW16, APFR+13, QDY14, WvEvL+11a, XGCK19]. **Correlations** [AND19, WV13, AAB+13, MK19, The16, TC13]. **correlative** [WF17]. **correspond** [WM19]. **correspondence** [MSL11]. **corresponding** [FMS17, Han11, MSL11]. **cosmology** [FG15, MB10a]. **costs** [FPS14, HH15b, Hsi11]. **Could** [HO19, ADD10, CLD13, Sot12]. **Council** [RGdCMM17]. **Count** [BL18, Rig13, WFS16, Yu17]. **Counting** [AL12, ML10, Ber18, Hag10b, MAGBBM13, Osó18, ZZZ+14]. **countrie** [GK18, Mue16, ZHG16]. **countries** [AvLS14, BKZ+16, Bar17a, BSvEK13, BSK15, BGAAM15, Bos10, BPHL16, CRMPRS18, Cho12, CMM17, DMM13, DGWZ13, DB19, EN17, Fan12, Fin15, FB16, FKRS14, Gan12, GCGP10, GTMRE+16, GTMRE+19, GAVZAB12, GRG12, GdOdAG+13, GZ14a, HV18a, HH18, Ibr18, IPIU13, JL18a, JL19, JKMS17, Kar12, KMP+11b, KHJ+12, KHK13, KBL15, KWW15, KEP+18, KBZS15, LBGBdMA13, LRC19, LA19, Med15, MSB18, Moe16b, MZE19, NJ10, NP11, ÖS17, OM11, PCR18, PP18, Pir19, PL18, Pra10d, Pra18d, RV18b, RLW14, RPK17, San13, SS10c, SK18, SAR19, SZAJS14, TA14b, TE18, TBT19, UMK14, Vil10, Vin12b, WLDW12, WXW+13, WLY14, WTM+16, WM17, WF18, XTZ15, YYDH12, ZGCRVQ18, ZG11, dPSS18, vZ13, RV18a]. **countries/territories** [XTZ15]. **Country** [BL17a, GNVQdMAG11, Pie18, ADD16, AvLS14, ACT18, BFMRM19, Bas10, Ben15, BB15, CHY13, CR14, DAYY18, DC17, Fuk17, GZ14b, HSL+14, IFT+18, KK19, LCY14, MCCU16, Mes11, OA10a, OA10b, PR14, Sch11a, SM12, SAR19, Sot12, SWCH14, Vel12, ZZZ+14]. **country-level** [KK19, PR14]. **Country-specific** [Pie18]. **counts** [ATK17, Bas11, BH16c, BYY17, BL18, EHK12, FA10, Hal14, JX13, Kos18b, MvdH13, MBT16, MPH19, SBK19, SI17, SWCH14, TB19a, The16, The17a, The18f, Tol11, dFVDU+19, YP19, ZXT+19, Zon19]. **coupled** [Sch12a]. **coupling** [CHL15, GD16, HA19, HC14b, hHC15, Liu17, Soó14b, TZG15, YSY+13, ZLW16]. **cover** [WLM15]. **Coverage** [HPBI+14, MMOMLC18a, CHC17, Fan13a, GRTPMLAJ19, Har14b, HB17b, LvI10, MS12, MF14, MPH16, SL12a, VBTK19]. **covered** [RV18a, RV18b, Shi14]. **CPC** [YLL+15c]. **crammed** [CS19]. **CRC** [Tom17]. **create** [HSPY15, OMMMTLC17]. **created** [CÖT16b, Kon12]. **Creating** [BMZ+17, Car16, YG18]. **creation** [EES13, Fuk16, GP18b, Hu11, LM13b, RPGM16, URU10b, ZS17, ZZW19a]. **Creative** [Hei13, LHLH19, Won13, GY12]. **Creativity** [Sol06, FR11]. **credibility** [Fra17, HO19, LWIB16]. **Credit** [CXZ19, Tol11, BZ17, Ber18, Hag10b, KD14, LF12a, MdBdP+19, MCB15, TBW+12, WSC16, WFZD19b, dPdCAdMC+16]. **credits** [Osó18]. **CRExplorer** [TMLB16, TBMM18]. **criminal** [Wal15]. **criminology**

[Wal15]. **CRIS** [vLvWW16]. **crisis** [FRdA16, HC15c, HC17, KKT+18, MMAHS10]. **criteria** [ND16, OCM+12, PRDG17, Siv16b]. **criterion** [Fan19, ZLF18]. **Critical** [KB11a, Moe17]. **criticality** [LWB18b]. **critically** [Bas10]. **Criticism** [FM11b, Jac12]. **critique** [PA12, VB12, vL12]. **Croatia** [BPVM11, Bra12a]. **Croatian** [JZL10]. **Crohn** [Kos14]. **Cronin** [Ano14]. **crops** [JBC19]. **Cross** [Ben15, LDVSGD19, MS18b, AHUR11, ADD11c, BFGVV+18, BN10, BL11b, CGKB18, COS11a, CHY13, CC11b, CKB+14, DC17, Fie15a, Fie15c, GY12, GZ14b, HA16, Hos11, qJnShPL17, LRY18, LCY14, OO12, SMAABJ11, VEJC+18b, WQY12, YWS18, ZCW14, ZJLG10, ZG17d, ZG17e]. **cross-citation** [WQY12, ZJLG10]. **cross-city** [qJnShPL17]. **Cross-country** [Ben15, CHY13, DC17, GZ14b, LCY14]. **cross-disciplinary** [BFGVV+18, CC11b, Fie15a, Fie15c, GY12, HA16, YWS18, ZCW14, ZG17d, ZG17e]. **cross-discipline** [COS11a]. **cross-domain** [LRY18]. **cross-generic** [SMAABJ11]. **Cross-metric** [MS18b]. **Cross-national** [LDVSGD19]. **cross-sectional** [BN10, BL11b, qJnShPL17, OO12, VEJC+18b]. **cross-time** [AHUR11, ADD11c]. **cross-topic** [CGKB18]. **Crossing** [BBCP14]. **Crossref** [HPS19, Har19b, Ort18]. **crown** [WvEvL+11b]. **crucial** [Cam12, Ley15b]. **Cruz** [STCRPA18]. **cryptographic** [Pal15]. **crystal** [Cha19a, HWLL14]. **crystals** [SLG10]. **CSCW** [CPF18]. **CSE** [AT17]. **CSIC** [Ort11]. **CSS** [BYY17, BG17, GT18]. **CSSCI** [WDS16]. **Cuban** [AJdMA10, AJCACRdMA16, CRAJdMACÁ15, CRZGVQdMA16, GRTPMLAJ19, GSPLVG+18, PCR18, RPK16]. **cue** [QA19]. **cue-terms** [QA19]. **cult** [Etz13a]. **cultivation** [MSP+15]. **culture** [HH10, LDVSGDR16]. **cultures** [MHC14, SM12]. **culturomics** [CMT19]. **cumulative** [BD12a, San12d, WG11]. **currency** [LH12]. **Current** [YLY+14, CRAJdMACÁ15, FAI+18, GTMRE+16, Kaz15, KTT11, MSP+15, SK18, TG16, ZSY14, ZWW+15, ZWW+16]. **curricula** [BCT19]. **curve** [ER19a, GSKM17, LW10]. **curves** [CV15, Li14, MdFdA+14]. **curvilinear** [BHA15]. **custom** [TE18]. **custom-made** [TE18]. **customer** [Tsa11]. **customized** [LKS+14]. **cut** [CÖT16a]. **cutting** [MBSB17]. **cyber** [AAS+19, JC19]. **cybermetric** [OMOR13a]. **cycle** [Bou11, Jun12, KKS16, QJZ+14, ZAJ19, vdPR18]. **cycles** [Fie15c, KG16, LWIB16, Ley15b]. **Czech** [PV15, VFA10, Van14]. **Czekanowski** [ST14a].

D [KWW15, DCM16, HZQ+17, ZLLD19]. **D-A-CH-L-L** [KWW15]. **D-index** [DCM16]. **dactylifera}** [AAG14]. **Daegu** [KCP12]. **Daiichi** [KNK+19]. **dance** [HH15c]. **Dancing** [YZ17]. **dangers** [ACD11]. **Danish** [Hen18, IL14a]. **dark** [OMLC15]. **Darwin** [MB14]. **Data** [ASW18, Com15, DLL+16b, DLL+16a, EBD15, GBM+16, HSPY15, MRR17, RBC+10, Siv16a, ZC16, AR18, ABMSSP16, ABSF+19, AS18a, ÁBMB17, AYS14, Ano16b, Ano16d, Ano17c, BOS14, Bor16, Boy17a, CB15, CyPP12, CQB16, CNC18, DG16, De 17, DRS18, DCS12, Don17, DGF17, EDEH16, FS12,

Fia11, FMM13a, FDVZ16, Fuk16, GSM+16, GTC16, GGS17, Gom19, GKF17, HK19, HT11, HLE10, Har13d, HIG+17, HBS+19, HB17a, HB18a, Hau16, HWL11, HL13, HWS18, ISR11, qJnShPL17, JJS+12, JS15, KZC16, KL17, KK18, KKOS19, KPRT16, LPMK17, Ley13b, LKR14, Li16, LPB14, LGD11, LSY11, LTK+18, Liu19, LJMF15, LWT16, LSL15, MK18, MNdF16, MM17a, MM17b, MOO17, Mix18, MKYM+17, dCCMAW16b, MS16b, Mou15a, NT17, Osw10, Pan14, PK14, Par14a, PW17, PHDC16, PRSB16, PKL+16, Pra14a].
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[RC13a, RJ14, RNM18, SBA+19, SGG+14, SFR+19, SYDW19, Sko14, SHK14, xShLY+15, Tsa11, XYW+17, YLSW16, Yu17, YHL+18, Yur15, ZYS16, dPdCAdMC+16, vLvWW16, SBSU15, HZ17, Ort18, ZLH+15, dCCMAW16a].
data-different [Ano17c, GGS17]. **Data-driven** [EBD15]. **Data-mining** [Com15]. **Database** [CYW+11, BMM14, BB15, CHWL12, Cav15b, CWH11, Cop19a, DGGBDG17, EDEH16, FMM13a, GY12, GK18, KT15, LVSL18, McC14, MS12, dANR15, PFDL17, PIB18, Rod16, SA11, SA12, SM15, TE18, VO17, kWhHRkS10, Ye14, ZWW+18, ZCMVQS11, dART+17]. **databases** [ATJ16, FMM15a, Gus19, Jac12, OMAT19, Pau10, Rod16, SSN19, yTwTlW19, ZYX+14]. **dataset** [GT17, MXZ18, BH16a, BH16b]. **datasets** [BYY18, CKPY19]. **date** [AAG14]. **David** [MHFB17, Par14c]. **dawn** [Etz13a]. **Day** [BHDI18]. **DBLP** [Kim18, Kim19a, SHK14].
de-globalization [MHM+12a]. **DEA** [HL13, ZK19, ZG17f]. **dealt** [GVS17]. **death** [BS13a]. **debate** [HRH10]. **Debunking** [Pol16a]. **decade** [BHPVdPMR18, DFS15, GKB+19, HMCD+19, KVC15, MAA17, SA11, SA12, The18b]. **decade-project** [GKB+19]. **Decades** [Nar12, FPS14, Fra14, FZZ+11, FZZ+12a, FZZ+12b, Li19, LTK+19, RG15, TG18b, WHH+18, ZAJ19]. **decentralization** [LOMLPA+17]. **decided** [CKCK10]. **decimal** [Cam14, Egg14a]. **decision** [CdMCdMMdP17, LS17a, LD16, Ora17, vdBSS18]. **decision-making** [vdBSS18]. **decisions** [BD13, Fox17, GWG17, Med15, MG12, PR15, RSGFV18]. **decline** [HH17a, LvI10, LM10]. **declining** [Hor18, THFBdMA18]. **decomposing** [CRZGVQdMA16]. **decomposition** [HM18, IL14b, MYP19, XCS+16]. **deconcentration** [MGM+17]. **Deconstructing** [Hag10a]. **deconstruction** [LAL15]. **decrease** [Egg10c]. **Decreasing** [IS16]. **deductive** [SP12a]. **Deep** [HII+18, SH19]. **deepest** [CÖT16a]. **DeepPatent** [LHCH18]. **defenses** [Pol16a]. **define** [AD14]. **Defining** [PHS12, BGJB16]. **Definition** [Cha19c, CPY13, Hei13]. **definitions** [HLSC18, Mar11]. **degree** [ADS11, CMdT14, JKPL18, LGZ+13, RPK17, SS10a, WLF15]. **Déjà** [GREL14]. **delay** [LHW16, PS10, SRW+15, ZFY+17, ZYF+17]. **Delayed** [EG18, BYY18, Li14, SSZL18]. **deliberation** [KP12b]. **Delineating** [CGV12, MNdF16]. **Delineation** [LZB10, MAA+11, TT13, Zit15]. **deliver** [ADD17a]. **delivery** [KPY16]. **DEM-related** [PLW+15]. **demand** [BR12]. **Demise** [KO18]. **democracy** [HRH10]. **demographic** [Ort15]. **demographical** [Han11]. **demographics** [ZG12a]. **demonstrate** [SLISC17].

demonstration [CL16, Ye14]. **Dempster** [WLPH14]. **Denmark** [SCGZSL+13]. **denominator** [dSTL18]. **densities** [Sch12a]. **dental** [CVD14, KG10a, VVN16]. **Dentistry** [GdOdAG+13, VEJC+18b, VEJC+18a, HG17]. **Department** [KSB11, PRRC15, Yur15]. **departmental** [BKL15, MKHB15a, MKHB15b, ZSCR+18]. **departments** [ACRC17, CKT17, CAV+19, GRSFV12a, Kaz14, Kaz15, KS17, Laz10, MHC14, PRA16a, WM19, WCK+12]. **depend** [Bas10, Cop19a, MSP+15]. **dependence** [Egg11c, LG10, SL16]. **dependences** [DCS12]. **Dependencies** [CRMPRS18, Hau16, KGSS16, LWIB16]. **dependency** [BMZ+17, KB11a]. **dependent** [Pra19f, WFH+16, ZMW+18]. **depicting** [MMOMLC18b]. **depth** [GE11, IS16, PR10, ZG10]. **Derek** [Ano12c, Ano14, Ano17a, Dan19, KL16, CXZ19]. **derivation** [Egg11c]. **derivative** [ESB15, Fan18, KS18]. **derived** [Sch13a, WC18]. **descendants** [CLJH12]. **describe** [HR15, MB10a]. **describes** [AdAdAM10]. **Describing** [OA10a, BL17b, ZRY+12]. **description** [Mag14b, Nii17, PHDC16]. **descriptions** [VH17]. **descriptive** [ABMRVZ14, ByLbH16, Liu17]. **DESIDOC** [LM19]. **Design** [EO14, CIL+16, Hei19, HNG19, MG12, RNF19, SDS14b]. **Designing** [BBSS16a, BBSS16b, HNG19, MH16b, Pra16b, BBSS16c]. **destination** [Iwa17, PCR18]. **destruction** [Won13]. **detailed** [MSA13]. **details** [Hud16]. **detect** [MVS10]. **detected** [WJCC19]. **Detecting** [BK11, CH15, EBK16, HE16, HC14b, LWM+15, PROGMA10, SK13, TL18, WLC17, YLSW16, YK12, GT12, hHC15, HC16c, LZFW15, RCN+14, WWH+17, ZHZY19, ZZW+19b]. **Detection** [IMSK14, AA18, Boy17a, CLLH15, HD17, Jar16, KGY+17, YK12, ZSC18]. **determinant** [TN19]. **Determinants** [AGLNRR14, FVVSGM+18, Fuk19, KM17b, BBCP14, BS17, BC13b, CLW+19, HWS18, JCK11, PNS+10, PS16a, Pie18, PR14, Rha17, XA15]. **determination** [EO14]. **determine** [Ber18, GPN14, VEJC+18a, YZB18]. **determines** [JC11]. **determining** [BGJB16, PR15, SA16, YB14]. **develop** [JDH12]. **developed** [EDEH16, KBL15, ZCW14]. **developing** [BH16b, CP14, GZ18, KMP+11b, KTT11, PL18, Sko14, Sot12, WM17]. **Development** [Bos10, CFP14, GMJ+17, Pou10, Ye14, YLL10, YLH+17, ZLLL19, dSdSSB16, Bai18, Che12, CYH13, CdJD15, CH15, DMM13, Geo17, HHZ14, HMCL16, JH16, Kar12, KPRT16, KvES11, Lan13, Lee10b, LLL12, LWB16, LW10, LCLX16, cSL10, MGT14, MB19, MSB18, MK19, MRN14, QMSM+19, QL12, RRBA10, RT17, SdJDD19, SHS15, SP12b, TS11b, US10, WT14, WG12, ZSC18, ZyZZ+14, ZH17, dPSS18, RGdCMM17]. **Developmental** [PNVCB18, JKC15]. **developments** [APYS13, GTMRE+16, HTHB11, HYC18, KC15, LGH+14, SvLVA19]. **device** [CdJD15, LJ10, SdJDD19]. **devices** [FSOS12, SHR+10]. **devil** [Zit12]. **diabetes** [SZMS18, SZAJS14]. **diachronic** [Col18, Ing12, SM16a, SMAABJ11, YS14]. **diachronous** [BL13, ZG17d].

diadromous [NBR+11]. **diaspora** [Bas13]. **Did** [MM16, SBB16]. **differ** [BWD10, BWD12, BHJD12, HC14a, LT10a, VVN16]. **Difference** [YXW18, BSFCC15, FK16, MM16, Men18, WHW+19, YY16, vWWtH14]. **Differences** [The18c, Bas13, Ben15, BG18, DVB14, GD16, HAA14, HFW+14, HT14, HDC13, hHSL19, KFKS15, KR17b, LVGV+11, Lee10b, LB12, LWL17, LIdMAM11, MRGT18, MR18a, NF13, PFL19, PYH16, PJY17, PS16b, SK14a, VTY17, WTM+16, YZB18, Zha18, vAvdWvdB12, vdBS16, LNMQRR15]. **Different** [LL10, AS18a, Ano17c, BPGGdMA12, CMM17, CvLB10, Dor17, DGDG13, GD11, GGS17, GGG16a, HH19, HGH17b, HP10, IPIU13, JN15, JX13, KZC16, KWW15, LCS+16, Mar11, MGC19, Mor19, MSC18, PRRC16, Puu10, PML14, QRJ+17, Rya16, San12a, Sch15a, Sch13a, Sch16, Sot10, WvE13, Wu18, ZWZ+19, ZWX22, dPdCAdMC+16]. **Differentiation** [RRL16, Geo17, Li18]. **differently** [AF18]. **difficult** [GW10a, QZZ17]. **Difficulty** [Fox17, KBAK17]. **diffuses** [GZ14a]. **diffusing** [CMRC15]. **Diffusion** [DT16, ACMP13, FMPP10, Gál17, pGDTP12, GG12, GZ17, HL13, HLL14, Hu11, JC19, LJC+15, LL13b, LLHN17, MGMY+18, Oze12a, SHR+10, SS15, WSC16, WG10, Wu13, YC10, YWY10, ZXZ17, ZLW19, ZY15]. **Digital** [CZV10, CRR14, KY17, SB19, ZVC11, BMZ+17, Fan15b, GB17a, HRH10, Kim18, Kim19a, LHW12, MZ14, TCC17, WFG16, XCS+16, ZZ11, ZWL+18, BC17]. **DII** [kWhHRkS10]. **dilemma** [PG12, RJ14]. **dimension** [ADS12, BG12, GSKM17, Li15, SZZC18, Van10]. **dimensional** [HS16b, JC19, KdBBK15, LYGQ12, LP18b, Li19, NJ10, Pra14c, Pra17c, Pra18e, Sch12a]. **Dimensionless** [Pra18c]. **dimensions** [Bha16, BCC+17, FFL16, GD17, JL14, MR18a, Pal15, Rod17, Wal16, Har19b, Bor18, HL18]. **diode** [hHC15]. **direct** [AR18, BL15, HSK18, MvdH13, SLISC17]. **directed** [ZZFD18a]. **directional** [GZ11]. **dirty** [FMM13a]. **disambiguating** [AOd15]. **disambiguation** [AT17, CLB13, GHvdB12, HYF+17, HYYR14, Kim18, KK18, Kim19a, Kim19b, KKOS19, MRR17, PLT14, Sch16, SKCK14, TW10, WBH+12, WD13, WLPH14, ZYX+14, ZWL+18]. **disappearing** [Fan12]. **disaster** [KNK+19, MHKB16]. **disasters** [RF19]. **Disciplinarity** [Rod17, BTNS14]. **Disciplinary** [DAYY18, GD17, HT14, PYH16, BFGVV+18, CC11b, DFG+18, Ell18, Fie15b, Fie15a, Fie15c, GY12, Gau17, GD16, GTD14, HAA14, HA16, Li17, LWL17, LIdMAM11, MGMY+18, MKP16, VTY17, VO17, YWS18, YYDH12, ZCW14, ZZL+10, ZG17d, ZG17e, ZSCR+18]. **discipline** [ADS17a, ADS17b, COS11a, CAGL15, CBKL13, CST11, GAPP18, GDP16, LG10, LSE+18, NLCC17, SSS+11, WDS16, WZ19b, Zhu17]. **disciplines** [ADD14b, AS18a, AC13, BHKP11, BKG16, BM12b, Cha16, CG18a, CGG19, Fan12, Fan13b, Hud16, Hud17, MMOMLC18b, Mor19, PHS12, PML14, QL12, SC10, Soo18, TCB16, WV13, WL14, WJD15, XG18, ZY15]. **discontinued** [PhD18]. **Discontinuities** [LWB18b]. **Discouraging** [PG14b]. **discourse** [CRLMRPA17, SMAABJ11, Sma10]. **discover** [Cam17, ILB11]. **discoverer** [MHFB17]. **discoveries** [LW15]. **Discovering** [BAB13, CGKB18, DCS12, HZ17, KLP17, Ma12, RPAMR19, VGPdlC+17].

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[BK10, WYAY12, WTM+16, Arb11, Cha17b, CYH13, CRLMRPA17, De 17, KGL+14, KGY+17, Kos14, LP18b, Pra14a, VG14, WKHS19]. **discrepancies** [RGCM14]. **discrete** [BD12a]. **discrimination** [MM18, MM19, SH18]. **discriminations** [KK13]. **discriminatory** [OBG11]. **Discussing** [TBT19, vL12]. **Discussion**
[Ano12a, Ano12b, HB15, EMSH16, KKCG18, CG15a]. **Disease**
[HEH17, Kos14, CWJC14, DMM13, SZMS17, SHL15, TZ15]. **Diseases**
[VACCAJ18, AP16, FR11, MK19]. **Disentangling** [CD16b]. **disorders**
[GWBSVWB13]. **Disparities** [HJM+13, PHBN+15, TN19]. **disparity**
[Ley18]. **dispersed** [Pir19]. **dispersion** [ADS16, CM18]. **display**
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[BT19a]. **disseminated** [LHLH19]. **Dissemination**
[PQG14, ESB15, FRdA16, Fuk16, LZR14, NLCC17, RPGM16]. **dissertation**
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[AH11, Ban18, Hag10a, KKCG18, KHH18, KKE13, ZSY+13]. **dissertators**
[KH17]. **Distance** [GPN14, ACFL11, APT13, FZZ17, LDVSGD19, LXH+18, PML+17, SS16, vPD13]. **distances** [RGLE16]. **distinction**
[SVS18, WWH+17]. **distinctions** [Men18]. **distinguish** [Ley18]. **Distinguishing** [LY16b]. **distortion** [ADS10b]. **distributed**
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[ADD17b, ADD18b, ADD18a, CJW10, CSC12, CC12b, HMCL16, Luo12]. **Diversified** [FYC15, CLLL10, LHWW14]. **Diversity**
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[ZSY+13, DY18, FCTV12, Hag10a, HB18b, HR11, RPSA17, SK17, SJOC18, Var12, ZTP18a, ZTP18b]. **doctorate** [Han11, HMCD+19, RCdJ+14].

doctorates [SH15a]. **Document** [Don17, Har13c, ACD14, CCM+11, GT11, GT12, GT17, HYC18, KJES16, RP17b, Whi18, Xie15, YSM+19]. **documents** [BHM16, pGDTP12, Glä12, HYF+17, HB17a, HFL14, IBL13, Kra19, LHBC18, MVS10, MMOMLC18a, MGC19, RKZK18, TB19a, WPCG13, YPNS14, ZGY16]. **Dodo** [DF15]. **Does** [Ama18a, Bas10, BSMD11, BH17a, Kor18, KR17a, LT10a, LXH+18, MSP+15, Men18, Par15, PPI17, PMN16, SP14, SB17, SLISC17, SZZC18, The18e, TV17, TÜ10, WLM15, WHLP16, WG11, WHZ14, YY16, Yur16a, dS17a, BSvEK13, BSFCC15, BTL19, BT19b, DWGL16, Hag10a, HTHB11, JJS+12, KKV+13, LCZ17, Lin10, Lyk18, MB10a, MR18a, MPF18, NG16, PRA16a, Rig13, RJ14, TG18a, Zuc10, Shu17]. **DOI** [Ano18b, dCPF14, FMM15a, HPS19, XHA+19, ZHL19, ZLL19]. **DOI-to-DOI** [HPS19]. **doi.org** [Glä18]. **doing** [dCPF14, GdA14, dAG13]. **Dole** [TR14, LM10, LM13a]. **domain** [ÁBDFB19, BS19, CNPG17, CZV10, CDM18, GQAM19, GN17, HWQ+18, HQY+18, JYM+16, KW15, KZC16, LSS15, LSS16, LRY18, MYP19, NRAW17, NSKO15, SZ18, THFBdMA18, yT15, WKK16, WS13b, ZLH+15, ZH17]. **domain-oriented** [LSS15, LSS16]. **domains** [CAS16, GRSFV14a, KMP11a, LAS14, LNMQRR15, ZZ11]. **domestic** [HWL11, PY19, PML14, SL17, TUCR15]. **Dominance** [Van10, GG19, IB15, Moe16b, Pei19]. **dominated** [uHBK19]. **domination** [WZ17]. **Don't** [Mou15a]. **door** [SL13]. **doors** [RRLNAG15]. **dormitory** [vR17]. **Dotter** [GR16]. **down** [MAA17]. **Download** [DX17, kWhHRkS10]. **downloading** [KY17]. **downloads** [GBMA14, HBA19, JN11, SGG+14, VTY17]. **downs** [SRP13]. **Dr.** [Zon19]. **drain** [MT12a, WMW+13]. **drawer** [Pau10]. **drawn** [WT15]. **driven** [EBD15, KKLP18, KKL14, VPM16]. **drivers** [DR10b]. **drives** [HM15c]. **drivetrain** [NSKO15]. **Driving** [CHC13, CL17b]. **dropout** [XZFD19]. **droughts** [Bue15]. **drug** [HFC11, KPY16]. **drugs** [KB11b, KB12, WT14]. **drugs.com** [TKA17]. **dual** [LS17a]. **due** [dCCMAW16a, dCCMAW16b, Tol11]. **Duplicate** [LL13a]. **durability** [CvLvR11]. **Duration** [HS17]. **Durfee** [Pra10b]. **during** [ADD11b, CZW13, CJY+15, GG14, IPIU13, IJF16, JPZ14, Lee10b, MGT14, Man15, NHY+14, Sot10, SK14a, SZAJS14, TBW+12, ULFRU+14, WLY14, WCB+15, WXZ+16, YK14, ZLN+13]. **dusk** [Etz13a]. **Dutch** [HM15a, Fra14, HM15b, vLvWW16]. **dye** [WLR+14, ZZP+14a]. **dye-sensitized** [WLR+14, ZZP+14a]. **Dynamic** [BZ17, KCK14, LG15, WLN+14, ZY15, dSAEE15, AHP17, CLHH10, FFR+17, Hsi11, HC16b, KO19, KJW+17, Ley13b, LRY18, PTMT11, RC13b, SH15a, SvLVA19, SWH14a, SWH14b, SG16, WCL14, YPK13, ZG12a, ZGY16, ZLL+17, ZG12b, ZZW19a, ZWL+18, Zin16]. **dynamically** [BYY18]. **Dynamics** [RPGM10, WY19, AHUR11, ÁRS17, BGSvdB11, BvdB14, Cam12, DC14, FKM+15, FR11, HMK+12, HKWC15, KLM16, Kli16, KPSL12, Lam12, LMM15, LK17, LWIB16, LAHH15, LG16, LDG17, MT13b, MD18, RHGKD16, Sch17b, SHK14, TS11a, VLV14, WT14, YB14, ZG13b].

E-commerce [YLL15a, CYH13, Tsa15]. **e-government** [KMP+11b, SZZC18]. **E-learning** [THFBdMA18, CL11]. **e-mail** [SRW18]. **e-research** [JDLIV14]. **each** [CR14, OM11]. **earlier** [LS17b, vL12]. **Early** [CLSW19, HZL+17, The18f, WT15, BDE11, BS16, CGZ10, CMT18, DRCG17, Lee19a, LD16, MHTB17, TK17, The18e]. **earn** [San18]. **Earth** [Mik10, JS15, NHY+14]. **earthquake** [Ho13a, LZH+12, LZH+13]. **earthworm** [XZZ15]. **ease** [Arb11, Har16a, Har16c]. **East** [GNS+15, KHK13, Moe16b, TA11, WCK+12]. **Eastern** [LGR17, SZAJS14, Cav16, GVS17, JMM19, KBL15, Paj15, TA14b]. **eating** [GWBSVWB13]. **Ebola** [Oli15a]. **Ecodesign** [LJJ+16]. **ecological** [CBWJ18, NTM+18, PNS+10, PPI17, XM13]. **ecologists** [Med18, PML+17, RRL16]. **ecology** [ASPF+16, BF17, Fox17, JKJL14, Leb12, LABL13, Med18, PLA10, PAL13, PS10, PB12, dCdSNB15]. **econometric** [KG16]. **Economic** [Gan12, vB13, ACFL11, BB10, HT11, Hud17, ILP13, ILBG14, KZ13, KKBW17, KKT+18, LRC19, Lee10a, LLCL11, LKW+16, MMAHS10, NA18, OMR14, PR15, SY16b, SX16, TB19b]. **Economical** [MC15]. **Economics** [BMTA15, GRSS16, HM15a, HM15b, Hen18, LT10a, McC14, ZWW+18, ACRC17, BS15c, BW19, CGZ10, CKT17, CÖT16b, Etz13b, FMU16, GRSFV12a, GW17, GZJ+15, HM15c, Kor19, Kos18b, KG16, KO18, KRR14, KKE13, MTU17, Mix18, NvLvR10, ÖS17, Osw10, PRRC15, PPI17, SND19, SL14, Var11, ZL18b, ZZY19, ZYT+16, BOS14, CMT18, BW20]. **economies** [AATBPAB15a, CP14, KTT11, PN15, Sch14c, Sko14, WG12, WF17, ZP15]. **Economists** [WP18, BD10a, CMUdF15, Fra14, GVS17, HM15c, Kor18, Pra10a]. **economy** [CZ18, Etz13b, GG19, KG16, LZ14, NP11, NT17, dART+17]. **ecosystem** [LK17, LH14, ZG17a]. **Ecosystems** [Ioa06]. **ecstasy** [GGG16b]. **Edge** [Pac19, Fie15a, KGY+17, MBSB17]. **Edinburgh** [KCP12]. **Edited** [OE15, TSRGCCJC14]. **Edition** [BD10b]. **Editor** [BI18a, BD10b, Egg10e, GRSFV15, GRSFV16b, Pra16b, Pra17a, Pra18c, Pra19c, Pra19d, SGSS17, Sch10b, THB18, BBSS16c, Bor15b, Glä14, Lor10, Pra11c, Ric17]. **Editor-in-Chief** [Glä14]. **Editorial** [Ano16a, Ano18b, BEMS17, Bra10, BSG10, Bra12b, Gar14, GSB18, KP12a, MHM12b, PHV17, RSGFV18, SRW+15, TO18, XWL19, CIL+16, Fox17, GCGP10, HE16, Kim10, LHW16, MRLW15, MHM+13, Mou15b, MFF+16, Ora17, PR15, YP19, ZL18b, vLCCMV13]. **editorials** [WvBvE11, Waa13]. **editormetrics** [MPF18]. **editors** [BPVM11, YP19]. **editorship** [BB10]. **Edler** [dCPF14]. **eds** [Pen19]. **educated** [Yur18b]. **Education** [BSFW10, CD17, PQG14, PSY+19, Saf19, ACD11, ADD14b, ADR16b, CGK+14, CC12a, CDdS+12, DVB14, DVB15, FWFM18, GGG+12, HIC12, KY17, Kwi18, LKSK15, LAS14, LVHS+15, MSdBC16, Med15, NSMMDB19, PSZ15, Pin15, PFPCM+19, QJZ+14, SB19, VZAMG19, VPM16, VAJCC17, Vin12b, WDP11]. **Educational** [AZSA14, AZSA16, BKY+15, Moo15, CT15b, KKCG18, LdSdFFNM17, RPSA17, SV19, TCT+13]. **EEE** [Pra11a]. **EERQI**

[Moo15]. **Effect** [CCM+11, EES13, MSdBC16, ADD16, ADD18a, AvLS14, BHDI18, BND11, BM12a, Bor12, Boy17a, CC14, Cam14, CLJH12, CR14, CGSS13, CdMCdMMdP17, DEC15, Egg14a, FMM13a, GRSFV18, GLD16, GK18, Gom19, GMSZ18, Hir10, HNG19, Ibr18, IT11, LS17a, LM10, LM13a, LABL13, MR15, MB16b, NSKO15, QZL+17, RG15, RCJ18, RP17b, RMH14, SGSS17, SW19a, SWH14a, SWH14b, SI17, SL16, TBT19, Van14, Var12, WZ19a, XZFD19, YGW+15, ZCL14, ZCL15, ZW17a, dSD18a, vRvLV11]. **Effective** [PHL17, Ben11, YLL10, ZS18]. **Effectiveness** [Cle16, IT11, MPY+13, RMCM13, TCT+13, YSM+19, ZWZ+19, ZWX22]. **Effects** [Bra12a, GRBBS17, GP18a, IF13, JJR10, PJB+12, PROG19, Puu10, ADD11b, ADD18b, AML17, BHA15, BS15c, Bou14b, BS13b, CGK+14, CC10a, CJW10, CSC12, CHC13, CU16, CvLB10, CvLvR11, CR18, DC15a, ET15, HAJ12, HBT16, JCK11, KPS12, LKW+16, MBSB17, MGB16, MSH16, OCCSM11, PS13, QDK19, Saf19, SFM16, SST+16, WHL+15, WW11, YC10, You14, ZCZ+16]. **Efficiency** [GMM16, RBC+10, WDP11, Bas14, Cle16, CNC18, GZ14b, HT11, LCIADG19, Pra10d, QDK19, Rha17, SR16, UHAR12, ZK19, ZG17f]. **Efficient** [CLB13, BCJ+17]. **efficiently** [BWdMA17]. **effort** [Cha16, LAL15]. **egg** [CMO11]. **ego** [SC13, ZCZ+16]. **ego-network** [ZCZ+16]. **Egyptian** [EDEH16, Eld19]. **Eigenfactor**^{TM} [YAC10]. **eight** [AH11, KEP+18, LL16]. **either** [BWD10]. **election** [Par14b]. **electric** [HSLP14, YSY+13]. **electrical** [SFNO12]. **electrochemical** [WLH+17]. **electrolyte** [CYK+11]. **electromagnetic** [ARK+15]. **Electromobility** [Zha18]. **electron** [FSOS12]. **Electronic** [Glä18, LHC16, Ban18, JYW11, SD13, SFNO12, TÜ10]. **electronic-paper** [JYW11]. **electronics** [KCK14, Lee10b]. **element** [JS15]. **elements** [LY12, Li14]. **Elenara** [dCPF14]. **Elfreda** [GTAG18]. **Elias** [Par14c]. **elite** [FMM14, PLA10, PAL13, Saa10, Vin17, Vin19, WMW+13, YZ17, Yur18b]. **elitism** [PG14a]. **else** [Har16b]. **Elsevier** [SGY15, SE18]. **EM-index** [BT18b, BT17, BT18a, BT18c]. **Embedded** [KGG15, WZ19a, vWBS+16]. **embeddedness** [LLHN17]. **embedding** [KWM+18, LHCH18, ZZL19]. **embraced** [WHC+13]. **emerged** [Bru10]. **Emergence** [CRLMRPA17, CQB16, BFS17, BSPL19, CNPG18, FVVSGM+18, KN15, MB13, MLT+14, Moe16b, SYP10, SKY17]. **emergency** [FCFG17]. **Emergent** [CR18, CNPG17, Kli16, LRA14, MGMW14, SHR+10]. **Emerging** [BSK15, GAPP18, HYC18, JYW11, STCRPA18, TZ15, US10, AUS12, AATBPAB15a, ALYZ15, AJCACRdMA16, APYS13, AYS+13, ÁRM13, BGM17, BRS+16, CMRC15, CLMN19, Cha19a, CWL10, CRMPRS18, CS11b, CDCK13, ÉMS+13, GT12, GALR16, GWB11, HSPY15, IMSK14, JKJL14, KO19, Kha13a, Kha13b, KW15, KC15, KdBBK15, KK17, LQW17, MCvFP16, OHT10, OH19, PN15, RNM18, SBSR19, SJ10, SD13, SZD16, SÁV18, SG16, WP17, WG12, WF17, ZZPG14, ZRL18, ZG11, ZLLD19, HZL+17]. **EMF** [ARK+15]. **eminence** [Kor18]. **emission** [CWL10]. **emitting** [hHC15]. **emphasis** [BN10, PH14]. **Empirical**

[Cam11, HFL14, ZW17a, Avk13, BYY17, Che12, CKCK10, CG17, FMU16, FWFM18, Fuk14, HB17a, HB18a, Jun12, KPRT16, LF14b, MRR17, Nii17, Par15, RD13, SBT18, SL12a, Soo14a, VPM16, Wad16, Wad17, WvEvL+11b, WvE13, WLZ+15, YWL16, YQX10, ZT18, ZT19, ZM16, LCZ17]. **empirics** [JPT13]. **employee** [CC10a]. **empowering** [RG18]. **enabled** [KPY16]. **encompassing** [PKR15]. **encountered** [CGK+14]. **encouraging** [JX13]. **encyclicals** [RAM18]. **Encyclopedia** [Tom18]. **encyclopedias** [Tom18]. **end** [Bar11, Glä13, HRC13, LM10, LM13a]. **ending** [BA15]. **endocrinology** [LPZ17]. **endodontics** [AMK13]. **endogenous** [YP19]. **endure** [Kor18]. **enemy** [KFB18]. **Energy** [CNC18, KJ14, Pra11a, Pra12b, FLZ17, FAI+18, GBMB10, HH15a, HYS18, ILGZ+14, JK19, LO12, LG15, LLW13, MSdBC16, Pra12d, Pri16a, RFGBMA13, SPB18, SCGZSL+13, WLH+17, YG18, ZYG15, ZKC+16, ZG17c]. **Enfermeria** [Kra19]. **engagement** [DTM+13, PMJF19, WHLP16, WKK16]. **engine** [MMOMALC16, vdBBdK16]. **Engineering** [SH15c, WMT+12, ATK17, Fer14, FLH14, Gar15, GF17, GWA14, HAL11, Kaz14, Kaz15, KPJT14, KKV+13, cSL10, MGB16, MPM18, PPK+16, PLG19, RAA18, RPNC13, SH19, SBT18, SFNO12, Sin18, TAB13, TABA16, ULFRU+14, VCC12, Zha14, ZW17a, dJC15, dSdSSB16]. **engineers** [Soo11a]. **engines** [Gus19]. **England** [DD18, WL18]. **English** [BL11b, GAVZAB12, LRZ13, LHTL18, LNMQRR15, MASM14, MASM16, SW19b]. **English-medium** [MASM14, MASM16]. **enhanced** [Ano18a, CFM18, SH19, WS11]. **enhancement** [GGP14]. **enhances** [Sot10]. **Enhancing** [SBD+19, DCGZ+12, Pra10b]. **enlarged** [KKBW17]. **enology** [AATBPAB15a]. **enough** [Liu19, SYDW19]. **enquiry** [MGMW14]. **Enriching** [CRLMRPA10]. **enrollment** [BR12]. **ensemble** [WLZ+19]. **enter** [LM15]. **enterprise** [LCWY12]. **enterprise-university** [LCWY12]. **enterprises** [ZLLL19]. **entire** [GSKM17]. **entities** [Ken18, KKL14, SZZC18]. **entity** [Saf13]. **Entrepreneurial** [SMCC18, YC10, ZG17a]. **entrepreneurship** [KM18b, LLYC14, MLT+14, SMF18, Sku19, Tei11, ZSY14]. **Entropy** [Pra11a, BFGVV+18, CC12b, LAL15, LZFW15, Par14b, Pra12d, ZQH+17]. **entropy-based** [CC12b, LZFW15, ZQH+17]. **Entry** [AYS+13]. **Envelopment** [RBC+10, HT11, HL13, PRSB16]. **environment** [AGLNRR14, HJL18, RCCM14, WRM17, ZZW19a]. **Environmental** [MWH14, Wil15, JKJL14, Lop10, MH16a, PLA10, PAL13, PPI17, RHMH17, RF19, SL14]. **epigenetic** [OGRMOP19]. **epistemic** [APT13]. **epistemological** [OBG11]. **eponym** [ARE+18]. **eponyms** [Cab14]. **Equal** [TBW+12, BT19b, CÖT16b]. **equality** [Yur18a]. **equally** [Hag10b, PPI17]. **equals** [SVCFI14]. **equations** [GP13]. **equitably** [Hag10b]. **equivalence** [TW10]. **equivalent** [AD13, YK15]. **era** [Cho12, VB12]. **ergonomics** [LMR16]. **erosion** [ZDZ+15]. **Erratum** [AF15b, ADS17a, BI12a, BBSS16b, BM13a, Doc11a, FE16a, GZGAC17, Har16a, HM15a, HRB+14, JG14, Kha13a, KPS12, LV12, LSS16, LXL16, LNK+14a, MASM16, MM17a,

dCCMAW16a, SWH14b, Wad17, WLMF15a, ZZW16]. **error** [ET15, Wu18]. **Errors** [FMM15a, EdS19, LZR14, LD16, XHA+19, ZHL19]. **Erythronium** [CRLMRPA17]. **Erythronium/Vanadium** [CRLMRPA17]. **ESA** [EBR16]. **ESCI** [HZL+17]. **ESI** [CPF13, WFZD19a]. **essence** [Vin10a]. **Essential** [FCWH11, Har15b, CWH11, ZWW+18]. **Essentials** [TKA17]. **ESSS** [GGH+10, GGG+11, GGG+12]. **established** [BKSS15, HR11]. **Establishing** [DCY+17, SFM16, RC13b]. **Establishment** [ZZL+10]. **esteem** [BCT19]. **Estimate** [LL12, De 13, Wra10]. **Estimating** [SOBM16, vdBBdK16, MD12, OMAMMLC15]. **estimation** [Cha17a]. **estimators** [VHH16]. **ethanol** [dSFSF15]. **ethical** [JX13, YB14]. **ethics** [BM12b, LP18a]. **ethnic** [LKW+16]. **ethnicity** [HJM+13, LRWS16, RLW14]. **ethnicized** [DFS14]. **ethno** [Han15]. **ethnobiology** [CSS+16]. **ethnobotany** [RMA12]. **ethnographic** [KHR+19]. **ETRI** [SWH14b, SWH14a]. **ETSI** [XWL19]. **Etzkowitz** [LM13a]. **EU** [BM11, GRSFV12a, HHK+12, HLSW18, Mor19, SCGZSL+13, WWP17]. **EU27** [TFJD14]. **Eugene** [BHL18, Ano17b, BI18b, Bha18, BHH18, Che18b, GSB18, GA18, Jac18, LWB18a, Pra18b, RH18]. **Europe** [ACFL11, ACF+17, BKZ+16, BB19, BS11, Bre10, CGZ10, CKT17, EBR16, FFL16, GBM+16, KKBW17, LGR17, LAS14, MK19, Paj15, PCR18, UMK14]. **European** [ACORC10, ACT18, BS17, CMM17, DSM11, EBR16, FM12, GTMRE+16, GTMRE+19, GGH+10, GGG+11, GVS17, HV18a, HRC13, JMM18, JMM19, Kaz14, KHK13, KBL15, KEP+18, LV11, LVHS+15, MM16, MBA13, Moo15, OA10c, OPGW+13, PSZ15, PQG14, Pir19, SK16, TA11, TA14b, WDP11]. **eutrophic** [GCLcG15]. **eutrophication** [CH12, HW12, YJ11]. **evaluate** [AC13, BT17, BT18a, BT18b, BT18c, BM14b, CMdT14, FMS17, FMPP10, MH16b, MOO17, NJ10, Pra10d, RNF19, Ric15, VB12, YLL+15c, YAC10, ZMW+18]. **evaluated** [ADV10, LCFC14]. **Evaluating** [AAH10, ARK+15, AD11a, DBO+18, FMM13b, HDW+15, KDFL14, Kim18, KTRP17, MCL13, Pra12c, SK16, SZAS16, ST14b, Zha17, Abb11, BW10, FCFG17, FM11d, FGMM12, JBMR11, KCP11, PRRC16, Pra11c, Pra13, QDK19, WST14, XWL19, YSM+19, Glä13, Kim19a]. **Evaluation** [uARA19, AA19, BKZ+16, BB15, LdZwC+17, RAA18, RG12, ZW19, ÁBV+14, AKB+10, Ano16d, ASW18, BD16a, BMM14, BBDS+14, BBSS16a, BBSS16b, BBSS16c, Ben12, BGJ+16, Bha11, BM19, BDE11, Bou14a, CCLL14, CFdC+14, DQ11, DGWZ13, DB19, ES16b, FCCMTRVR18, FLM16, pGSyW+19, GQAM19, GTMRE+19, GNHT18, HGH17a, HH15b, HAJ12, ISR11, KT15, Kaz14, Kim19b, KKL14, KPS12, KR17a, KKE13, LMKG19, LR12b, Ley13a, LYGQ12, LAW14, MWDC12, MLOY18, MB16a, MBSB17, MM17b, MZE19, NZL+19, OCCSM11, Paj15, PYK13, PYL16, PP18, Pra10c, Pra14c, Pra16b, Pra17c, PKSG12, RWG+15, Sch17b, SLISC17, xShLY+15, Suo14, The12, VFA10, WV13, WMT+12, Wan13, Yan14, ZW17b, ZW17c, dZLwC+15, MM17a]. **Evaluations** [Eto13, BD10b, BG18]. **Evaluative** [Pen19, BH17a]. **evaluators** [CFP14, RGLE16]. **evaluees** [RGLE16]. **Even**

[JL19, JL18a]. **Event** [GGG+12, Ort18, Ano15]. **events** [BFM+14, JK10a]. **ever** [ADD10, GVS17]. **ever-increasing** [GVS17]. **Evidence** [MT15, WOW10, ADS17a, ADS17b, ADD19b, AAB+13, AZSA14, AZSA16, BHA15, BCT19, BGAAM15, BM11, Brz15, CSC13, CRMdMA15, CK14, CB11, DRMMC19, DRS14, FWFM18, FDVZ16, Fuk19, GRBBS17, GP18a, HV18a, HWLL14, IS16, JC12, qJnShPL17, KGG15, KEP+18, LY16a, LCZ17, LJ10, LG15, LSR13, MM18, MM19, PNS+10, Rha17, SL14, Soo14a, SK12, SC13, TK16, TN19, VG17, Wad16, Wad17, Wad18, Wal16, WHL+15, Wra16a, Wra16b, YG18, YGW+15, ZG17b, ZW17a, ZLH+16, Zin16, ZXT+19, ÁBDFB19, Bai18, MR15, MZ14, MS13, PIB18, PL17, SZZC18, TKA17, WRV14]. **evidenced** [Hur17]. **evidences** [AMK13, ZG13b, dJC15, GYZ15, ZG17a]. **evidential** [LdZwC+17, dZLwC+15]. **Evolution** [BSKB17, CHL15, FM17, HEH18, Hu11, IPIU13, KTLD16, TA17, YLJ+17, BSG17, BKG16, CV15, CVC+15, CZV10, CAGL15, CW17, CU16, CB16, Coc18, CZ18, DVMS17, FMP17b, Fox17, FM11c, Geo17, GHA+16, GZJ+15, HD17, Hou17, wH15, HZQ+17, KM15a, KLCS14, Ley13b, Li15, LL15, LQW17, LHM+11, Lja16, LG15, LX15, LYLD15, LRA14, LLW13, Ma12, MHKB16, MAGSTRC15, Oli15b, OMLC14, QZZD18, RBBG18, SdJDD19, SFBS17, SB15, SIR+14, SJ19, SHK14, SZ18, SYLC17, TM12, TTC17, UCH19, WCL14, WSH16, WLH+17, XBD+18, Yoo15, ZGY16, ZLL+17, ZY19, ZyZZ+11, ZGL+17, LX19, vdPR18]. **Evolutionary** [AHUR11, ÁRM13, BFM+14, HKWC15, Li17, RSGFV14, ZLYF14, ZYSS14, BSPL19, BS19, CPRSFVG19, Cha17a, CH13b, Coc18, HY19, LZC17, LABL13, LJJ+16, NRAW17, ZCZ+16, ZZ16, ZZP+14b]. **evolutions** [RPP18]. **Evolving** [AP16, BMM17, CBF13, Pri16a, CF14, Fan15b, SH15a, TCR10, YK11, ZYS16, ZB12]. **ex** [CA19]. **ex-post** [CA19]. **exact** [BBL17a, YGD17]. **Examination** [Lun19, Bre10, FK16, Nii17, Oli15b, PW17, TA14b, YWS18, ZY15]. **examine** [CS11a, CL11, CLW+19]. **Examiner** [ACT18, BN14, Wad18, YK14, YK15]. **examiners** [Bre13, PJY17]. **Examining** [BHB13, Cha18c, HW10, JC19, KK19, SvLVA19, WZCC19, WZ19a, CRMPRS18, DFS14, Lia11]. **example** [BB15, GRSFV14a, Kol12, PB12]. **examples** [Hei13, Mus12, Whi15]. **Excellence** [MSH16, MKHB15a, BPGGdMA12, BR11, BCHH17, BWdMA17, DTM+13, DH13b, DMV10, EGUB12, HIC12, MKHB13a, MKHB13b, MKHB15b, TW18, YGD17, Bor16]. **exchange** [CYK+11, GD16]. **exchanges** [BPHL16]. **execution** [CIL+16]. **exegesis** [Pra12d]. **exemplars** [MLT+15]. **Exemplary** [Kra10]. **exercise** [AD16, BD16a, MWH14, BGJ+16]. **Exercises** [CLD13, ADS10b, ADD11b, ADD11a, ACD13, ADD14a, SBT18]. **Exergy** [Pra11a, NPP+12, Pra12d]. **exhaustive** [HIG+17, HC19]. **exist** [HTHB11]. **existing** [AAV13, PLG19]. **expand** [GTC16, RCN+14]. **Expanded** [FLH14, Ho13b, IH14, LLG14, TFH14, IFH15, VASNU+19, WF18, FH16, MH16a]. **Expanded-based** [VASNU+19]. **expansion** [GZGAC16, GZGAC17, dWZD14]. **expectancy** [BL13]. **expectations** [uHBLKH19, PD10]. **Expected** [Pra19b, BG18, Pra12d, RNB19].

expenditures [DR10a, PS13]. **expensive** [Hal14]. **experience** [Bou14a, HJL18, HIC12, VPM16]. **Experiences** [ZCKZ16, TCB16, kWhHRkS10, KR17a]. **experiment** [Sni16, ZS18]. **Experimental** [CA12, MBSB17, ZGY16]. **Experimentally** [uHBLKH19]. **Experimenting** [Cab13]. **experiments** [BL17b, PRSB16, JNA18]. **expert** [BH15, KR17a, ZLW16]. **expert-based** [KR17a]. **expertise** [BAB13, Lyk18]. **experts** [LZB10, LXDL13, LdZwC+17, Moe16a]. **explain** [SS10c]. **explained** [PS16b]. **Explaining** [BCHH17]. **explanation** [BKRG13, CPRSFVG19, KK13, SM17]. **explicit** [Har13a]. **Explicitly** [Hsi11]. **Exploitation** [FLB19, CC13]. **exploiting** [CGKB18, QA19]. **Exploration** [Bel13, Hou17, Rai19, ACF+17, BFMRM19, CFG+14, JDG14, NvLvR10, PR14, WBX18, XYHD18, YS13]. **explorative** [LPMK17]. **Exploratory** [DGF17, KD18, MDFGAM14, WY19, XDB+19]. **Explore** [CSC14, Che11, CC12b, CyPP12, CU16, LLC+17, Li15, QZZ17, UCH19]. **explored** [PKL+16]. **Exploring** [Cha14, hCcTmWH15, CAGL15, CST11, FD14, GGW+13, HLL14, HSWC13, HCLC14, HC19, KJW+17, KVC15, LP12, LS17a, LQW17, LC18, LSE+18, ML16, MVS10, Moo15, MKF14, SND19, VRF12, XCS+16, ZNB+17, dSTL18, BTNS14, CYH13, GLÚGML16, ILB13, JCK11, LML11, LAHH15, dNMVQL16, Pin15, Saa10, SDT15, WF17, CLMN19, MDG10, RGCM14]. **exponent** [cTnHwH17]. **exponential** [AdAdAM10]. **exportation** [Rod17]. **Expression** [Glä18, ISR11]. **extended** [KS18, PKL+16]. **Extending** [LAW14, Sko14, HWQ+18]. **extension** [BM15, ISR11]. **extensions** [GQAM19, Lee10a, RAA18]. **extent** [ADD17b, SL14]. **external** [Bre13, BN14, CFG+14, CLJH12, CHC13, MGB16, SPdSM16]. **Extracting** [Cab14, FMP17a, YLH18]. **extraction** [NJM18, VBG+17, XLZ+18]. **extraneous** [Ora17]. **extreme** [Bue15, Mag14a]. **eyes** [OMAT19, dSM17].

F [Par14c, Pen19]. **F1000** [MT13a]. **fabric** [TW16]. **Facebook** [LdSdFFNM17]. **faceted** [DLMX15, PPM+17]. **facets** [NSC13]. **facilitate** [WFH+16]. **Facilitating** [LP18b]. **facilitators** [CDCK13]. **facilities** [Hal13, Hal14, SSN19]. **facilitymetrics** [Hal13]. **facing** [BGBS18]. **fact** [AM18]. **Factor** [ATM16, KCP11, ADD10, ABMSSP16, ASPF+16, AA16, BL10, Ben12, BM12a, Bro13, BCZ12, CCM+11, DGDG13, Egg10b, Egg11a, Har12, wHwH16, Ing12, Jac12, Ley12, LBA19, MRS+16, APFR+13, Ora17, PKR15, PA12, PMN16, Rou12b, Saf13, VEJC+18b, Van12, VSS12, XLR15, YWS18, YLSW16, YYL10, Yur18a, Zit11, Zit12, BND11, EMH+10, GAVZAB12, KM17a, KR17a, Vin12a]. **Factors** [ACFL11, ACMP13, CGC18, GNHT18, MOA16a, PR15, SFR+19, TAA16, Bal12, BK10, Cam10, CC11a, Cam11, Cam14, CHC17, CHC13, CRMdMA15, DdS19b, DX17, ES16a, FSSPG+15, Gan12, GRG12, Hen18, IMHG12, IMH13, qJnShPL17, Kos14, Lee19b, LWL17, LABL13, MBSB17, MD12, Pac19, PML+17, PG12, Smi12, VHG+15, WYAY12, XGL+19, ZNB+17, Zhu17,

Zyc10, vWWtH14, BW10, Bor17, Cam12, Ste17, vL12, Egg14a]. **facts** [GM13]. **faculties** [BDE11]. **Faculty** [OCJB15, SRF16, ADR14b, ALH15, CSO17, CR18, FLB11, Kaz15, Lun19, MCL13, OBG11, SIS17, SDS19, The18c, WM19, ZYS16]. **fading** [CS19]. **fads** [YWG14]. **fails** [Mue18]. **failure** [ABL17]. **Fairly** [LF12a]. **Fake** [AM18, LL13a]. **fall** [HH17a]. **fallen** [Pan14]. **falling** [ÖS17, RY14]. **false** [Pen19, Pra14a]. **Fame** [CMT19, MRLW15]. **families** [DMM17, Mar11, NF13]. **family** [CIK+18, HLSC18, LL12, NSKO15]. **Fang** [PT17]. **far** [BWD12, JKMS17, SS16]. **Farewell** [Gar14]. **farm** [KKBW17]. **farming** [AATBPAB15b, dSNV18]. **fast** [Kim19b, WRV14]. **fate** [CGG+17]. **FDH** [GRSS16]. **feasibility** [MVS10]. **Feature** [LTGH15, GZGAC16, GZGAC17, SH19]. **featured** [WLM15]. **Features** [PT17, FA10, GYZ15, LT10b, TMLB16, WYY11, ZG17a]. **fecundity** [HB18b]. **federal** [CLO18]. **feedback** [MR15]. **feelings** [DLM15]. **fees** [CFG+14, GRSFVCP19]. **fellows** [ZTP18a, ZTP18b]. **fellowships** [RGdCMM17]. **Female** [LM11, BL11b, CVC+15, DH13a, Keg15, MB10b, SMF18]. **fences** [Mix18]. **Fermilab** [PRSB16]. **Few** [KCU19, CB18, FR11, LLH19]. **fidelity** [Car16]. **Field** [ACP12, Bor18, HB18a, HL18, TSMTDLCH11, ADV11, ADD17b, ACMP13, ACF+17, uARA19, AL12, AW11, AA16, BH10, BK10, BFS17, BK15, BM13a, BM13b, BAC13, BTL19, BM11, BNV11, CWL10, CHY16, DL16b, FRdA16, FM12, FR11, FI16, GZ14a, GYZ15, GLM11, HH15a, Ho14, HH15c, HDC13, HC14b, HCLC14, hHC15, HH18, JYW11, JKJL14, JOGC17, KY17, KB11b, KPJT14, KK17, KJ13, KJ14, LZB10, Leb12, LC18, LHM+11, LHW12, LX15, LJJ+16, Lyk18, MLC14, MB19, MLT+14, ML10, MÁB18, PNVCB18, PPK+16, QZZ17, RBF+10, RPGM10, RBBG18, SZZC18, SHK14, Tei11, TO18, The18d, The19b, TBMM18, VEJC+18b, VEJC+18a, WYvE11, WKHS19, XDB+19, YLL15b, YP19, ZLYF14, ZCL14, ZKC+16, ZG17a, ZG17c, ZWW+18, ZT18, ZSC18, Zha10, ZS11, ZL17, ZT19]. **Field-** [HB18a]. **field-normalized** [BTL19, WYvE11]. **field-standardized** [ADV11]. **fields** [ARK+15, AKB12, ACORC11, AH11, BCML19, BAB13, BFMRM19, BBDS+14, BBJS16, BD12b, CSS+16, Cha18b, Coc18, CRLMRPA10, DLL+17, DGDG13, DGDGSV15, GRSFV+12b, GALR16, GGG16a, GF11, Han11, HG17, HCS+15, ILGZ+14, JN15, JKPL18, JvGH10, JKJL14, JK10b, KM15a, KLP17, KCU19, KR17b, Lor14, NH14, OHT10, APFR+13, PRRC16, PSY+19, RGCM14, RD13, The17a, The18d, Var11, VT10, VLV14, WNS13, WP17, YS14, Yur18a, Zit15, dPdCAdMC+16]. **Fifteen** [KGB+18]. **fifty** [MGT14]. **file** [Pau10]. **file-drawer** [Pau10]. **files** [CC16]. **filing** [HV18a]. **filings** [Hei19]. **Filling** [TSRGG17]. **film** [HWLL14, YCK11]. **filter** [YSY+13]. **Finance** [Avk13, CdMCdMMdP17, MZ14, VT10, FUR10]. **Financial** [HF19, Dem18, HR11, HC15c, HC17, KM17b]. **financing** [CFM15]. **finches** [MB14]. **find** [The18e]. **Finding** [LXDL13, WZ19b, KBAK17]. **findings** [Hei13, The17b]. **finds** [TK17]. **fine** [UBTS16]. **fine-grained** [UBTS16]. **fingerprints** [HYF+17, TW10].

fingerprints-based [HYF+17]. **Finnish** [Puu10]. **firm** [CC10a, CC12b, Hun12, KLCS14, LPMK17, LCZ17]. **firms** [AYS+13, GRBBS17, JYW11, LZ14, LYWSV13, MDDG17, PS13, WPCG13, WRV14, WY12]. **First** [De 16a, Bar11, BS13a, BH16c, Bor18, Cam18, CÖT16a, CMO11, CMM17, CA12, GRSFVMB12, GBM+16, GA18, GZ18, GKB+19, GNHT18, Hal13, Hei19, HL18, HL17, LS17b, Li14, LHG16b, MM14c, MBSB17, NvLvR10, SCGZR16, Sch14b, SL10, The19a, TW16]. **first-** [MBSB17]. **first-quartile** [LHG16b]. **fish** [KJES16, NBR+11, dSNV18]. **Fisheries** [CP12b]. **fit** [RPP18]. **fitness** [Ke13]. **fits** [BVZV16]. **fitted** [vZ13]. **five** [Bar11, Cam11, CAS16, DMB17, GTMRE+16, Moe17, PSB+17, RG15, SMAABJ11, WF18, WOW13, ZCKZ16]. **five-year** [Cam11, DMB17]. **Fixed** [YLC18, DR10a, SvLVA19]. **Fixed-income** [YLC18]. **flag** [HH19]. **Flanders** [VDV16]. **flash** [Li14]. **flavors** [BPGGdMA12]. **flawed** [Pat18, Pol16b, Sch18a, Sch18b]. **Flesch** [Har16a, Har16c]. **flexible** [GG15b]. **flow** [AHP17, KJES16, SZZC18, yT15]. **flows** [Ama16, CKB+14, HH13, HH15a, HSAK18, Iwa17]. **foci** [OHT10]. **Focus** [ZSY14, BH17a, CXpHqZ15, GK14, Gau17, TA17]. **Folkman** [EG18]. **Follow** [Tod14, CP16, CB19, MAA18]. **Follow-up** [Tod14, CB19, MAA18]. **followee** [YZB18]. **follower** [YZB18]. **follower-followee** [YZB18]. **following** [CÖT15, SRF16]. **Food** [CP12b, TCH+15, VSVR15, ZZY13, ACF+17]. **footprint** [CGV12]. **footprints** [GGW11, WFG16]. **forecast** [Mue16, VEJC+18b]. **forecasted** [Tsa15]. **Forecasting** [Ano11, KL17, KvES11, LW10, SB14, BGM17, MdFdA+14, YLH+17]. **foreign** [Bre13, GXC+19, Jar10, Kim10, Mor19, Vel12, WY12]. **foreseeable** [VZAMG19]. **Foresight** [SB15, SL10]. **forest** [GR14]. **Forestry** [CP12b, BMP+14, VB12]. **Foreword** [GS15]. **formal** [BHA15, BI18a, CGC18, LWM+15, dSD18b, dSD18c]. **formalized** [HO19]. **formation** [CGC18, DR10a, LSC10, LOMLPA+17, TCR10, XBD+18]. **Formational** [KD19]. **former** [IJF16, JJR10, KBL15]. **formulation** [GRSFV17b, Van10]. **Fortune** [WZX11]. **Forty** [PHBN+15]. **forum** [Bre10]. **forward** [CP12a, CKPY19, LS17b, YK14, YK15]. **fostering** [Fan11, LF12b]. **found** [KA17]. **Foundation** [Nic14, ZM16, Fed13]. **foundational** [HR17]. **Foundations** [CAS16, DVMS17]. **Four** [WHH+18, ZAJ19, AER+14, BPGGdMA12, DWGL16, EGU10, GGS14, GGG16a, HFW+14, LY16a, NSC13, RLW14, TG18b, WW11, The18d]. **FP** [VFA10]. **FP-5** [VFA10]. **FP-6** [VFA10]. **FP6** [BM11]. **FP7** [HHK+12]. **fracking** [LJKG15]. **fractal** [GSKM17]. **Fractional** [Pri16b, Gal11, MGT14, Pra11b]. **fragmentation** [BK15, PZ17]. **Fragmented** [FEHC19]. **frames** [BTNS14]. **Framework** [BM11, LVHS+15, OA10a, OA10b, OA10c, OPGW+13, Car16, Egg10a, FB16, GSM+16, GWA14, HK19, KHVGA+16, LP18b, Moo15, MKHB15b, dSSdMAF14, UBTS16, UCH19, ZRY+12, ZYX+14, ZWL+18, MKHB15a]. **frameworks** [WH16]. **France** [BKSS15, CAV+19, vRvLV11]. **Franceschini** [Pra11c]. **fraud** [KM17b]. **free** [APPS15, BBP14, CYT+12, DW18, Jac18].

French [BR11, BZBLP16]. **frequencies** [Ben19]. **Frequency** [HWQ+18, HW10, PNS+10, PYW18, RNB19, SI17, YST12, Yos13]. **frequently** [MHTB17]. **fresh** [JBMR11]. **freshwater** [dSNV18]. **friend** [WZ19b]. **Frontier** [WKHS19, GC10, HRB+13, HRB+14, Pac19]. **fronts** [CL16, HC14b, HCLC14, hHC15, HC16c, LCLX16, ML16, Sch12a, US10]. **fruit** [TFJD14]. **fruits** [BH10]. **FTA** [SB15]. **Fuel** [KJ14, CHY16, CYK+11, HLL14, HYC15, Suo14]. **Fukushima** [KNK+19]. **full** [BWbH+18, Cab14, CB19, HII+18, JN15, Jam17, MM18, MM19, MBR+13, McC14, PROG19, RCdJ+14, SH19, SK13, kWhHRkS10]. **full-text** [Cab14, CB19, HII+18, JN15, Jam17, McC14, SH19, SK13, kWhHRkS10]. **fully** [JMM18]. **function** [BBL17a, ER12, HH17e, YCK11]. **Functional** [GKK15, LHBC18, LAdAMJ17, Egg10b, Soó11b]. **functions** [ER19b, KGG15, Lin18]. **fund** [BCJ+17, pGSyW+19, HH10]. **fundamental** [Vin12a]. **Funded** [ZT14, ÁBDFB19, ABL17, Com15, Zha10, ZLTY18, ZLLL19]. **funders** [QA18]. **Funding** [ÁBMB17, BGR19, KWM+18, MÁB18, WS11, XTZ15, ZM16, ACD11, Ano16d, Asu19, Bas14, CHC13, ES16a, Fan11, GTMRE+19, GBM+16, HH18, IF13, KT15, LVGV+11, LXWC17, LF12b, MK18, Mor16, Mor19, PHDC16, Rig13, RJ14, SV19, TBS15, Van14, WLDW12, WJD15, YWS18, ZYNZ18, ZYT+16, Zin16]. **funds** [ACP12, Shi11]. **Further** [Que11]. **fusion** [ABM19, KHS+15, XYW+17, ZSC18]. **Future** [HK12, Ano16b, BT15, CWJC14, DG16, FAI+18, FdSdO17, GP13, Ley15a, Par14a, PMN16, RBBG18, SA17, WWC19, YLY+14, ZWW+15, ZWW+16, ZTC15, dCdSNB15]. **fuzzy** [WYAY12, ZAJ19].

G [Par14c, BPHL16]. **G-7** [BPHL16]. **G7** [YYDH12, ZG11]. **G9** [HH18]. **gain** [Vel12]. **gains** [ADD17a]. **Galton** [GGW11]. **Game** [SHB14, ADD11b, BGBS18, Cha17b, GRSFV15, Xie19, ZG17f]. **games** [RSGFV14]. **gamesmanship** [SC13]. **Gangan** [BBSS16c]. **gap** [BCHH17, Dya14, MCL+11, PL17, SH15a, TSRGG17]. **gaps** [APR19, Hei19, RHMH17, RMdO17]. **Garfield** [Ano17b, GSB18, BI18b, Ben12, Bha18, BHL18, BHH18, Che18b, GA18, Jac18, LWB18a, McC18, Pra18b, RH18, SS18, The18b, Vin12a, Whi18]. **gas** [SHS15, ZLH+15]. **gastroenterology** [DWGL16, MDFGAM14]. **Gastroenterology/** [MDFGAM14]. **gatekeepers** [NSC13]. **Gatekeeping** [MPF18]. **gatherings** [GALR16]. **gauging** [CGG+17]. **GenBank** [CQB16]. **Gender** [ADR16a, APR19, CSO17, GBB15, HFW+14, KKdBK12, KK13, Men18, SK14a, SK14b, vAvdWvdB12, vdBS16, ADS17a, ADS17b, ADD18b, ADD19b, BHB13, BVB13, BBVO10, BN10, CFS18, DVB14, FK16, GHS18, Hei19, HAJ12, HJM+13, KFKS15, KPS12, LSL15, MS16a, MS18a, MM18, MM19, MHM+13, MR18a, MCL+11, OKK14, PFL19, PHBN+15, PMJF19, PL17, PZ17, PB12, Puu10, SM15, SM17, TN19, VO17, CÖT16b, Kra17, Zhu17]. **gender-based** [PZ17]. **gender-inclusive** [GHS18]. **gender-specific** [PB12].

gendered [AF18, DFS14, The18d]. **gene** [BL17b, Per18]. **genealogy** [DRMMC19, SZ12, dSNV18]. **General** [Coc18, SJ10, ByLbH16, FG15, NG16, RCN+14, RWG+15, SFR+19, YWW17, ZRY+12, GBM+16]. **generalising** [The17b]. **generalization** [KRP19]. **generalized** [AD13, LAL15, MD12, vZ13]. **generated** [Ama15, BM14a, TL18]. **Generating** [ADM19, KKOS19, LBW17, OH19]. **Generation** [NSMMDB19, CFSSP16, HB18b, KNK+19, LL19, MnaeR+15, Tri10, dSFSF15]. **generational** [SH15a]. **generations** [FE16a, FE16b]. **generator** [YLH+17]. **generic** [SMAABJ11]. **genesis** [FK17, FK18]. **genetic** [cSL10, dANR15, SZ12]. **genetically** [JBC19]. **genetics** [TN19]. **genius** [GGW11]. **genomics** [CQB16, LZB10]. **Genres** [PT17, Sug11]. **genuine** [Paj15]. **Geographers** [ZGL+17]. **Geographic** [ACRC17, BF17, CRMdMA15, LZ14, LAHH15, PML+17]. **Geographical** [APT13, MT12a, Wu13, LLW+16, MT12b, PLWS14, SMAABJ11, jZhLY15]. **geographically** [OROMAA16]. **Geographies** [CD17]. **geography** [ACF+17, GGG16a, LG16, MGM+17, WL14]. **geohistoriometric** [FVVSGM+18]. **geometric** [Ber18, ER19a]. **geometrical** [LZGQ13]. **geometrically** [Hag10b]. **geometry** [GSKM17]. **Georgia** [GHA+15]. **German** [Ama16, AML17, BHS14, BSvEK13, BR11, BH16a, BH16b, Cle16, KWW15, MSH16, ÖS17, PKSG12, TE18]. **German-speaking** [BSvEK13, KWW15, ÖS17, TE18]. **Germany** [BB15, Bor16, BBS17, Chi14, Chi15, CDD15, Cle16, HL17, SCGZSL+13, SHB14, SS10c, Zha18, ZL15b, ZB15, vRvLV11]. **get** [uHBLKH19, PS13, RPP18]. **gets** [EC16]. **getting** [HA17b]. **gh** [Gal11]. **gh-index** [Gal11]. **Ghana** [Mêg13c, ONB17]. **ghost** [OMMMTLC17, HQY+18]. **giant** [MR10, MMOMALC16, ZG11]. **giants** [GN17, QZL+17]. **given** [GRSFV11, MCB15, TBW+12]. **Glänzel** [Pen19]. **Global** [AATBPAB15a, AAG14, BJIB16, CSR+18, FZZ+12a, JBC19, LCR13, LH14, LFLG14, LLW+16, NHY+14, OMCP17, PLW+15, SFNO12, THFBdMA18, VSVR15, YCL+13a, jZhLY15, ZYT+16, ZZ15, ZLN+13, AM18, Ano18c, BSK15, BS11, Boy17a, ÇAAÇ15, CZW13, CH15, CKB+14, EGUB12, GVGSEPRC15, GS12, HSL+14, He13, Ho16, HKWC15, HSLP14, HH18, JCCC13, KSSB13, KHA17, LTM12, LLGW13, LZC17, LSR13, Lor10, LL12, LWW+11, MLY+14, MGM+17, MM14a, MHFB17, MT13b, OGRMOP19, OMJLVSN19, RY14, RG18, Saf13, SB15, SM16b, SY16b, SZD16, Sot10, WW12, WLY14, WHW+19, Zel12, ZLG+15, ZXM+16, Bai18]. **Globalization** [MHM+12a, Paj15, AD18, Cho12, KPSL12]. **GM** [JL18a, JL19]. **GMF** [ZXM+16]. **GMF-related** [ZXM+16]. **go** [KJES16, KR17a]. **Going** [Pra10b]. **Gold** [GOPG13, DGGBDG17]. **Golden** [Ber18]. **Golden-ratio** [Ber18]. **good** [JVM17, MDG10, NG16, Tu19]. **Google** [MM17a, AT17, Agu12, AL12, BI10a, EGU10, Fra10, Gus19, Har13d, Har14b, HA16, Har19b, HWQ+18, JN15, MMOMLC18a, MMOMLC18b, Mik10, ML10, MM17b, MOO17, OMCP17, OMLC14, OMLC15, OMAMMLC15, OMAT19, Ort15, SX16, TK17, Var12, Wil15, ZLLL19, dS18, dWZD14].

Gothenburg [SV19]. **governance** [MPF18, PHV17, QA18, TE18, VDV16]. **Government** [CP12b, CHC13, Chu14, Com15, Das16, IL14b, KMP+11b, LZZ+12, LPL14, PYL16, SZZC18, YPH10, VG17]. **government-funded** [Com15]. **governmental** [Med15]. **governments** [HSWC13]. **GPS** [WLHZ13]. **grade** [AD16]. **graduate** [CÖT16b, SLD+17, ZTP18a, ZTP18b]. **graduates** [CGZ10, HR11]. **grained** [UBTS16]. **grammatical** [TL18]. **grams** [ATJ16, BASL16]. **Grand** [Ano16b, DG16, Hau16]. **Granger** [LLCL11]. **grant** [CFP14, GNHT18, HRB+13, HRB+14, HBT16, KCU19, Shi11, YPH10, Zha10, vdBSS18]. **grant-funded** [Zha10]. **granted** [RGdCMM17]. **granting** [ZYF+17]. **Grants** [HN16, CLSW19, EC16, PPK+16, aSTS17, WLF15, YHL+18]. **Grants-in-aid** [HN16]. **granularity** [GT18, ZZZC16]. **granulomatosis** [ARE+18]. **grape** [ATCCAAB19]. **Graph** [JSZ13, BH18b, KM15a, SKCK14, ZLZ19, Zyc10]. **Graph-based** [JSZ13]. **graphene** [AYS+13, EGUB12, Kli16, KPY16, LWW+11, YKLK14]. **graphical** [wHwH16, LLH+16, Mag14b]. **graphs** [Fie15c, HC14a, ICC16]. **gratitude** [SMAABJ11]. **gravity** [HT19, ZG17b]. **great** [CT15a, CMO11, EW15]. **greater** [WLM15]. **Greece** [KKT+18]. **Greek** [Kaz14, KDFL14, Kaz15]. **Green** [Laa14, Suo14, ZW18a]. **Greetings** [Glä14, Har13b, Har14a]. **Grey** [PJL19, WST14, ZW18a]. **Grim** [Jac12]. **GRIs** [Sha12]. **ground** [MCvFP16]. **grounded** [MdBdP+19]. **group** [CGC18, KBT15, KB11a, Kon12, LF14b, MKHB13a, MKHB13b, NPT+15, Wal16, ZZY19, vR12]. **group-** [Wal16]. **grouping** [LLHN17]. **groups** [Cam18, CGC18, GNHT18, KR17b, LKW+16, MSC18, PROGMA10, RGLE16, RGGBV16, RBC+10, SYDW19, VHG+15, YSD11, ZC14, ddMS15]. **grow** [YWG14]. **Growing** [ML18, YHC+15, Zha14, dCPF14, FK17, FK18, GdA14, NLCC17, SYLC17, WM17, dAG13]. **Growth** [BDC+12, CR14, dANR15, RRSA18, SAPR18, ULFRU+14, WWL17, AH11, CV15, Cha17a, Che11, CSC12, FCTV12, GB16, ILP13, ILBG14, JL18a, JL19, JSZIZ13, KM15c, KLCS14, LvI10, MS12, NQ14, OMAT19, RRBA10, SLG10, San12d, SY16b, Suo14, TS11b, TA11, WG10, Won19]. **guanxi** [LM15]. **guarantee** [WLM15]. **guarantors** [MAGBBM13]. **guide** [Ben11]. **guided** [Moe10]. **guidelines** [BM12b, JSZIZ13]. **guiding** [Sch14a]. **guilds** [RRL16]. **Guimarães** [dCPF14]. **Gulf** [Moe16b]. **GVC** [LM16].

H [CSO17]. **H-Index** [CSO17]. **H7N9** [TZ15]. **habitats** [dCdSNB15]. **Handbook** [Tom17]. **handicap** [Bor14]. **handling** [Ano16b, SGSS17]. **handover** [ML18]. **HantaVirus** [KM16]. **happened** [SS18]. **happiness** [DLM15, KN15]. **hard** [ACD13, BDF+17]. **Harmonic** [Hag10b, Ber18, JX13, Pra11b]. **harmonisation** [Ano16d]. **Harvard** [GD11]. **Harzing** [Ben11]. **hashing** [AT18]. **Hawaii** [GG13]. **Hawthorne** [Bor12]. **hazard** [FGP13, MV19]. **haze** [YHC+15]. **HCI** [MAA17]. **HCVDBegy** [EDEH16]. **heading** [AW11, KGB+18]. **Headings** [LCS+16, GWBSVWB13]. **heads** [Sch10b]. **Health**

[CYW+11, CRZGVQMA15, Das16, Har15b, Wil15, AGLNRR14, BJIB16, BSKB17, CRZGVQdMA16, FEHC19, GMJ+17, HRH10, JDG14, KB18, MC10, MC13, MT12b, NLCC17, OROMAA16, OA10b, OA10c, PLBZ18, PEFP13, SFBS17, WLF15, WOW13, XG18, YLY+14, ZCMVQS11, ABL17]. **Healthcare** [HFW+14, FdSdO17]. **Hebrew** [LKP11]. **hedges** [uHBLKH19]. **heel** [HLSC18]. **held** [Ano11, Ano15]. **Helices** [Par14c]. **Helix** [Chu14, CP14, IL14b, KP12a, KP12b, KPSL12, LPL14, MGMW14, Par14b, Par14c, Sko14, ZZP+14a, HMK+12, KZSZ19, KCP12, KHJ+12, Par14a, PM18, SLK12, Yoo15, YYP17]. **help** [YG18]. **helps** [FK17, FK18]. **Hemingway** [MC15]. **Henk** [Pen19]. **hepatitis** [SAPR18, EDEH16]. **Hepatology** [MDFGAM14]. **her** [GR16]. **herbal** [BMM17]. **heterodisciplinarity** [Sch15c]. **Heterogeneity** [BAC13, Hau16]. **heterogeneous** [ADD+15, Ano16d, HD17, Pra19b, RD13, ZZLS19]. **Heuristics** [BM19]. **hexmap** [BSBG18]. **hexmap-based** [BSBG18]. **hIa** [Rya16, HAA14, Rya16]. **hidden** [AHP17]. **hierarchical** [BCML19, JL18b, LBW17, LGD12, TZG15, WHS19, ZLZ19]. **hierarchy** [IB15, MYP19, XCS+16]. **High** [AMK13, CWH11, Glä13, Jar16, Kwi18, Pra19g, BWD10, BPHL16, Che15, ERW12, GRSFV14b, GBMB10, Hen19, Hen20, JK19, MSdBC16, NH14, PMN16, RKZK18, SPB18, WZ19b, ZZ14]. **High-end** [Glä13]. **high-energy** [GBMB10, JK19]. **High-impact** [CWH11, BWD10, Che15, WZ19b]. **High-level** [AMK13]. **high-profile** [Hen19, Hen20]. **high-quality** [ERW12, GRSFV14b]. **High-ranked** [Pra19g]. **high-speed** [ZZ14]. **high-technology** [BPHL16]. **Higher** [BSFW10, CD17, PQG14, Saf19, ACD11, ADD11d, ADD14b, ADR16b, ADD17a, BLA16, CC12a, DVB14, DVB15, EdS19, FWFM18, HV18b, HIC12, Kwi18, LAS14, LVHS+15, LT10a, MSdBC16, Med15, MZ14, NSMMDB19, PSZ15, Pin15, PFPCM+19, QJZ+14, San18, SL17, TK16, The17b, VPM16, VAJCC17, WDP11, WS13a]. **highest** [CFG+14, GRSFVMB12, GRSFV19a]. **Highly** [DC19, FH16, HH17c, NvLvR10, PCRMCB+18, VH17, dSD17, BB15, Bor16, BWdMA17, BBS17, BL18, Ham11, HBS+19, Ley12, Li16, LHW16, LDZ17, MMOMLC18a, MHC+15, MBA13, MBTKA14, MC12, PLA10, PAL13, Per10, TKA17, The19b, VVN16, WYY11, WFZD19a, YY14, ZG17c, ZWW+18, ZW18b, ZS11]. **highly-cited** [BB15, BL18, MMOMLC18a, ZG17c]. **hinder** [LXH+18, SB17]. **hindrance** [YZ17]. **hiring** [CR18, ZYS16]. **Hirsch** [Rou12a, Egg11f, Que10, Que11, Ran09, San12c, Sch12b, Sch15c, YWL16]. **Hirsch-core** [Egg11f]. **Hirsch-inspired** [Sch15c]. **Hirsch-type** [Rou12a, Sch12b, YWL16]. **Hirschian** [Sch10a]. **Hirschman** [Rou18]. **Historical** [GK19, EBK16, Hou17, Lee10b, PHBN+15, WLHZ13]. **historiography** [Col18, CL16, Kol12, Oli15a]. **history** [Col17, Hei13, HT19, Kol12, Kra16, Mus12, PR15, RCJ18, Smi12, Soó14b, WMXZ14]. **HIV** [Lja16, PP11, QA18, WT14]. **HIV/AIDS** [Lja16, PP11, QA18, WT14]. **Hochberg** [dM10]. **Hokkaido** [GY12]. **hold** [TÜ10]. **holders** [GNHT18]. **holding** [MB16b, VHD+16]. **hole** [GP15]. **Home** [CGSS13, DD18, Fan15a].

homepages [KBT15]. **homonyms** [Har15b]. **homophily** [PZ17, WDN17]. **Hong** [Liu16, Hor18, LYGQ12, LXL15, LXL16, ML18, Pra18a]. **honorific** [PG14b]. **Horizon** [EC16]. **horns** [RJ14]. **hospitality** [ZTC15]. **hosting** [AR18]. **hostnames** [Lin11]. **hot** [BYY18, CW17]. **hotspots** [ZDZ+15]. **house** [EDEH16]. **HRI** [Bar11]. **Hsinchu** [Hu11, Hun12]. **https** [Glä18]. **hub** [SK16]. **Human** [FMU16, WHH+18, BSG17, Bar17b, BL17b, Coc18, GRSFV14a, JKN19, TYWZ12, WL14]. **Humanities** [EOS12, HH15c, Lin10, OE15, VE14, BDF+17, Cha13, hCcTmWH15, CRMdMA15, DL16b, GSE+18, Ham14, HYYL12, HLY14, KEP+18, LL15, Lin18, LXH+18, MLC14, MRGT13, Pol16a, RG12, SL12a, Siv16b, SMY15, TCC17, VO17, Whi15, Wra16a, Wra16b, YQX10]. **Hungarian** [PV15, SND19, SK11]. **Hungary** [SK12]. **hurdle** [BBCP14]. **Hybrid** [pGDTP12, LGD11, Abb13, BM13a, BM13b, CLL+17, CFM15, GT17, HZQ+17, Jun12, LZB10, LGD12, MBSB17, Mou16, SE18, SDP+19, TSG13, TG18b, ZZP+14a, ZHZY19, ZYX+14, Zit15]. **hydrates** [SHS15]. **hydrogen** [MnaeR+15]. **hype** [CV15, Jun12]. **hype-type** [CV15]. **hypergraph** [LGS18]. **hypergraphs** [TCR10]. **hypothesis** [BMR12, EG18, Sch15a, Wu18, LBGBMA10].

I-UGR [RGTSLCH14]. **i/o** [CL16]. **I3** [Ley12, BTL19]. **I3*** [LBA19]. **Iberian** [CPF13]. **Ibero** [PEPUT15, SLGO17]. **iCE** [Pra10c, Pra10d]. **Iceberg** [LBGBMA10]. **ICIS** [CST11]. **ICM** [Dan14]. **ICT** [BM11, GGG14, SK14c]. **iCX** [NPP+12]. **ID** [Ama18a, KT15]. **idea** [LL19, WHS19]. **ideas** [Cam12, LHLH19, Yur16b]. **Identification** [AA16, CZPR17, HLW19, LP10, PYK13, QA19, RBF+10, YL10, Ano17c, ABM19, AP14, BGG+17, CLSW19, CYK+11, DDS+19a, CNC18, DRCG17, DXL+18, EO14, GGS17, HB18b, HY19, HW10, IFT+18, LKS+14, LHBC18, MXZ18, MSA13, MAGAM13, PNVCB18, PCRMCB+18, RKZK18, WLZ+19, WT15, WFH+16, YZW+17, YKLK14, vEWNB10]. **identified** [WRM17]. **Identifiers** [BC17]. **identify** [AUS12, CLL+17, GALR16, HPKS18, JKJL14, LL13b, MP15, MÁB18, RGGBV16, SHR+10, SHB14, SD13, SÁV18, WMH+17, ZG17a, ZLLD19]. **Identifying** [AKB12, AHP17, BHPVdPMR18, BYY18, CGV12, Cha19a, CLLZ15, CXpHqZ15, CDCK13, DLGP16, HT18, HQY+18, Hud17, JS15, Ken18, MM14c, OROMAA16, PYK12, PLJ18, Shi14, SHL15, SD18, TBMM18, WLD+14, WP17, YK11, YPK13, Zel12, ZZFD18a, APYS13, CJW10, CF14, CL17b, DW18, Fan19, FAA13, GWB11, KL17, PROGMA10, RHMH17, RMdO17, SJ10, SKM15, SDEB16]. **Identity** [OVJM17, AP14, ML13, SRF16]. **IEEE** [KY17, SFNO12]. **if** [DDR17, Sch14a]. **IFQ** [TSMTDLCH11]. **Igniting** [HR17]. **ignorance** [GRSFVCP19]. **II** [GTMRE+19, HAJ12, HH17c, KPS12, LF12b, TC13, ZG17d]. **Ilan** [Ano17a, Ano19, The17c]. **illustrate** [vWBS+16]. **illustrated** [HSPY15, Osw10]. **illustration** [IB15, LJC+15, RR17]. **imbalanced**

[KK18, MXZ18]. **iMetrics** [ML13]. **immediacy** [kWhHRkS10]. **Impact** [ATM16, BW10, BND11, Bor17, BDE11, Bre13, Bro13, BB17b, Cam12, DPF+16, EMH+10, wHwH16, KM17a, KPJT14, MWDC12, MS14, SBSR19, SAR19, SK17, Smi12, Ste17, TUCR15, Van12, Vin12a, ZW17c, vL12, ADD10, ADV11, ADR19, AZKR13, AER+14, ATK17, ACP12, AhOL14, AW10, ABMSSP16, ASPF+16, AdAdAM10, Avk13, AMI18, BL10, Bal12, Ban18, Bar17a, Bar17b, Ben12, BT17, BT18a, BT18b, BT18c, BAC13, BGAAM15, BWD10, BM12a, BM14a, Bor15b, BHM16, BH17a, BH17b, BYY18, BH18b, BTL19, BW19, BW20, BBVO10, BD13, BZBLP16, BT15, BMZ+17, BCZ12, CTL+19, CFSSP16, Cam10, CC11a, CCM+11, Cam11, Cam14, CV15, Car16, Cha18a, Che15, Che18b, CG17, CWH11, CFM15, CM18, CR14, CFdC+14, CG15b, CIL+16, DL16a, DL16b, DNAH15, Din14]. **impact** [DGDG13, Egg10b, Egg11a, Egg14a, EW15, Emm19, ENST16, ENA19, FMP17a, FSSPG+15, FRdA16, FESD11, FZZ+12b, GRSFVMB12, GPN14, GF17, GD11, GLD16, GK18, GZ11, GT18, GOPG13, GKS16, Ham14, Har12, HH13, HH15b, HMCL16, HNG19, HEH18, wHwH11, ILP11, Ing12, IL14a, ILGZ+14, IPIU13, Jac12, JDLIV14, Ke13, KY16, KK18, KJES16, KKK+14, KFB18, KTT11, LVGV+11, LRC19, Ley12, LO12, LBA19, LTG12, LRS+18, LCFC14, LJ10, LF14a, LABL13, LZCZ18, LNK+14a, LNK+14b, LAW14, LDZ17, MDG10, MMAHS10, MRS+16, MTU17, MT13a, Mor19, Mue18, MD12, NHLL17, NF19, NPP+12, APFR+13, OM11, PKR15, PYH16, PJB+12, PLBZ18, PA12, PHV17, PRA16a, PP16, PPI17, PMN16, PG12, PML14, Ric17, Rig13, RPDCRVRP15, RP17a, RPK18, Rou12b, SBT18, SvLVA19, Sch16, SSN19, SM14]. **impact** [SY16b, Sot10, The12, TK16, The17b, The17a, Tol12, TSRGG17, TR14, VEJC+18b, VSS12, Van10, Vel12, Veu10, VG11a, VG11b, Vin10b, Vin17, WM19, WvE13, WYAY12, Wan13, WTG15, WLM15, WJCC19, WST14, WZ19b, XLR15, YSM+19, YWS18, YLSW16, YXW18, YYL10, YYLW14, Yur18a, ZS17, ZHG16, ZG13a, ZGL14, Zha17, ZNB+17, ZMW+18, ZYNZ18, Zha10, ZW17b, ZZZC16, ZY15, Zit11, Zit12, ZXT+19, Zon19, Zyc10, vLvWW16, vR12, vdBS16, BSFCC15, GAVZAB12, KR17a]. **impact-citations-exergy** [NPP+12]. **impacted** [DdS19b]. **impacts** [Ama16, Fuk19, JDH12, JH16, Ley13a, Lia11, WS11]. **Imperfect** [Bro13]. **implementation** [Car16, NLCC17, QJZ+14]. **implications** [AP14, Bas11, BM15, CT15b, DKS18, GHS18, GKK15, HF19, PW17, RRBA10, SM16b, Sko14, SVS18]. **implicit** [uHBLKH19]. **Importance** [dOM16, ADR13, BMM17, BLS15, Com15, RGTSLCH14]. **Important** [LLLL18, Bue15, QA19, ZL15a, ZZFD18a]. **importation** [Rod17]. **impossibility** [Osó18]. **improve** [DQ11, Lia11, PLWS14, RRLNAG15]. **Improved** [TDG17, AR18, DH13a, IFT+18, WLZ+19]. **improvement** [KLP12, dANR15, RMCM13, TZG15, ZYZ14, ZJLG10]. **Improvements** [CHL10]. **Improving** [BR11, FZZ17, FT19, FDVZ16, GNVQdMAG11, ZCL15, ZYF+17]. **In-depth** [ZG10, GE11, IS16, PR10]. **in-house** [EDEH16]. **in-licensing** [LYWSV13].

Inaccuracies [ABRVZ15, Har15a]. **inaccuracy** [ABMRVZ14]. **inaugurational** [GGG+11]. **inbreeding** [IT11, SM14]. **incentive** [CLD13, HS16a]. **incentives** [MCL13, WDL17]. **Incidence** [SL14]. **include** [HLC17]. **inclusive** [GHS18, HM15a, HM15b, SW19b, Sug11]. **inclusiveness** [Cop19a]. **income** [YLC18]. **incomplete** [dCCMAW16a, dCCMAW16b]. **inconsistencies** [MS18b]. **Inconsistent** [FGP13]. **incorporation** [McC14]. **increase** [ALH15, Egg10c, PP16, SLH18]. **increased** [Mik17]. **increases** [BH18a, Fan13a, KCT+17]. **increasing** [GG19, GVS17, Hen18, Sch14c]. **increments** [LBGBdMA13]. **incubators** [DVMS17]. **Independent** [IH14, LW15, Abt12, Bur12, FH13, PDAN19, San12b, WFH+16]. **Index** [BBSS16b, CH12, Egg10c, FD14, FH16, GWBSVWB13, HPS19, Ho13b, HW12, HZL+17, IH14, IFH15, KB11b, MWDC12, MH16a, MPS+18, SKM15, SJOC18, TFH14, TYWZ12, VASNU+19, ZKC+16, ZGJ18, Abt12, uARA19, AvLS14, ACHVH10, AA19, Ask18, AA10, AA16, AMI18, BL10, BIL15, BI18a, BK11, BBSS16c, BLA16, BB16, BBL17a, BBL17b, BT18b, BT18c, BSMD11, Bur12, Cab13, CP12a, CG14, CF18, DCM16, DCS12, Don17, DGDG11, DW18, Egg10d, Egg11b, Egg11c, Egg11e, Egg11f, Egg13a, Egg13b, ER19a, FMPP10, FM11b, FGMM12, FMM13a, FMM13b, FMM14, Gal11, GP13, GBB15, GQAM19, Glä10, GTC16, HAA14, HBA19, HSW10, Hir05, Hir10, Hir19a, HK12, Jac12, KPJ16, KB12, KCP11, Laz10, LFBI19, LF12a, Lun19, MHLGHV14, MJHG13, MT13b, MZE19, MKHB15a, MKHB15b, NASR11]. **index** [OBG11, PD10, PDAN19, PPM+17, Pra10b, Pra10a, Pra10e, Pra16b, Pra17a, Pra19c, Que10, Que11, RAA18, RZ12, Ran09, RG12, Rou12a, Rya16, Saa10, SOBM16, Sah16, SAPR18, San12b, San12c, Sch12b, ST14a, Sch15b, SS14, SL12a, Ste19, TH19, Tod11, TSMTDLCH11, TSRGCCJC14, Tur16, VB12, dFVDU+19, Vin10b, kWhHRkS10, XWL19, XGY+16, YAC10, ZYZ14, ZLF+14, ZP16, dS18, dSD18b, dSD18c, vdBBdK16, CG15a, BBSS16a, BH16c, CSO17, FLH14, HB15, Ho14, HH15c, HWQ+18, LvI10, LLG14, LL12, McC18, MSB18, PDAN19, SLG10, Sot10, SDS14b, Ye14, YJ11, AAH10, BT17, BT18a, LLX+18, MH16a, Tom17]. **indexed** [BI10a, Bas10, CR14, IWK18, JZL10, MMA18, ZLH+16]. **indexes** [AD13, ADV13, AC13, CFSSP16, CRBRG+18, DGDG11, Fed13, GGP14, TA14a, BI10b]. **indexing** [Cop19a, FMM15a, GWBSVWB13, IFT+18]. **India** [BBSS16b, AG13, Bas13, BBSS16a, BBSS16c, BSB12, BSK15, BKSS15, CO10, KGNB11, KG10a, KM15b, KM15c, KM15d, KGG15, LM19, MR10, MH15, MH16b, MM14b, NPP+12, Pan14, Pra16b, Pra17c, RASP13, SR15, SUP15]. **Indian** [BMM14, Bas13, EKR19, GK14, GGG+12, GKV11, KM18c, LR12b, MR10, SLG10, SJ19]. **indicate** [MPF18]. **indicated** [Ley15b]. **Indicator** [APLHF18, Sol06, CNPG18, CC11b, DQ11, Doc12, FMPP10, FMM14, IL14a, Kis11a, Kis11b, KB13, LML11, LPL14, LBA19, LMdBG16, MWDC12, Moe16a, MKHB13b, PLWS14, Pra19g, Sch15c, SPdSM16, VG11a, VG11b, Vin10b, WYvE11, WvEvL+11b, XWL19, ZQH+17, APPF18, XLR15]. **Indicators** [AOFU10, BvdB14, FCWH11, Vin10a, AAB+13, AYS16, ACC+16, Ano16c, AAV13, BVZV16, Bas14, BFHS18, BR11, BBL17b, BW10,

BG17, BTL19, CG18a, CGG19, CRZGVQMA15, CWH11, De 16b, DCM16, DMM17, DSM11, Egg14b, EHK12, Fan15a, dCPF14, FE16a, FE16b, Fra10, FH13, GSM+16, GSTD11, GM13, GALR16, GdA14, GWB11, GHvdB12, HL15, HRC12, JPZ+10, Kar12, KP12b, Kos16b, KBZS15, LVSL18, LO12, LWB16, LPL16, LLP+16, MS18a, MR10, MR13, MBT16, MGMW14, MdFdA+14, MK19, Mue16, MKP16, NTM+18, NF13, OMR14, Pol16b, Pra12b, Pra13, Pra14a, Pra18c, Pra19d, Pra19e, RC13a, RM10, RCETS19, RPNC13, SG10, Sch13a, SAR19, Sug11, SN10, The16, The17a, The19b, TW18, Vin12a, WM19, WvEvL+11a, WvE13, WC18, WJCC19, WSL14, Wil15, WFH+16, WF17, YWL16]. **indicators** [dAG13, dOM16, vR12, Ano10, Har15b, LHG16a, Moo15, ZWW+18, Pra17a]. **indicators/approaches** [WC18]. **indices** [Abb11, AAH10, ACHVH10, Ask18, Bal12, Egg11c, Egg13c, EMH+10, Glä12, GKB+19, ILB11, KKBW17, Koz15, LZGQ13, MPH19, MKP16, Pra11b, Pra14b, TABA16, Tod11, Van10, WWC19, WOW10, WZ17, YWL16, ZWZ+19, ZWX22, Zyc10, ddMS15]. **indifference** [AM18]. **indigenous** [LM15, WY12]. **indirect** [Egg11e, Egg11f, FE14, FE16a, FE16b, JH16, VB12]. **Individual** [Oze12b, AD11b, ADD17b, BBCP14, BSvEK13, BM14b, Bur14, CHY16, CvLB10, CvLvR11, FGMM12, Fuk14, GHT16, GSKM17, HAA14, Hir05, Hir10, Hir19a, HS16b, MBA13, PRRC15, RC13a, RCN+14, Rya16, San12a, San12d, San13, SSS+11, TH19, Wal16, WJD15, ZS17, ddMS15, BC13b]. **individual-level** [Wal16]. **individuals** [GHA+16, HSWC13, WXW+13]. **Indonesian** [WAT16]. **Industrial** [Tom18, uHBK19, FK16, KLCS14, Kon12, KFKS15, LLHN17, ZWW+15]. **industrial-organizational** [FK16]. **industrial/organizational** [uHBK19, KFKS15]. **industrialised** [SS10c]. **industries** [Cha14, HSWC13, KCP12, KL17, WF17, Wu14]. **Industry** [HYC15, ZyZZ+11, ADS12, AJCACRdMA16, CSC12, CHC13, CSC13, CKCK10, CK14, Chu14, DMM13, FYC15, FLZ17, GGG14, GSPLVG+18, HF19, HWLL14, IL14b, JCCC13, LZZ+12, LZZ+13, LPL14, LJ10, LLW13, OMA15, RVFEdlM10, SR16, Sha12, SN10, TM12, TYYW16, VRF12, WLN+14, WHLP16, WA18a, WS13a, WF17, ZL18a, ZZP+14a, ZW17a, ZLLD19, ZLH+15, DDS+19a]. **Industry-academia** [HYC15]. **inefficiencies** [PS16a]. **Inefficiency** [ADD14a]. **Inequality** [GHS18, Kor19, LXWC17, Pra17b, ZM16]. **inertia** [WHZ14]. **infectious** [KM11, TZ15]. **infer** [Mou15a]. **inferring** [HRB+13, HRB+14]. **inflation** [DWGL16, dSD18a]. **Influence** [AJSN18, Cha16, FMM15b, IL14a, ILGZ+14, KY16, MC10, MdNS+19, TBB+16, YY14, Avk13, BPGGdMA12, BGAAM15, BGJB16, CD17, CFG+14, CM18, CB11, DNAH15, Egg11b, FYC15, GFC18, GSM+16, GTAG18, GBMA14, HWLL14, ILP13, KJW+17, LWL17, LXWC17, OPGW+13, PW13, Per18, PRA16a, Pra19e, RW11, SP14, SND19, Sch13a, SLISC17, SK18, SZZC18, TM12, The18d, The19b, WTG15, WZCC19, WW11, ZW17a, ZW14, ZW19, ZZLS19, vWWtH14]. **influenced** [CNPG17]. **Influences** [ZZZ+14, CLLZ15, CC12b, KGSS16, ZT18, ZT19]. **influencing**

[BK10, BKSS15, BMR12, CGC18, DX17, ES16a, GNHT18, MOA16a, VEJC+18a, VHG+15, WYAY12]. **Influential** [HBS+19, GRSFV12a, GRSFV+12b, LDVSGD19, RH18, SKM15, TBMM18]. **influenza** [TZ15]. **Info** [JAAA18]. **infomap** [VYL17]. **inform** [CRBRG+18]. **informatics** [BCML19, JK10a]. **Information** [ABMSSP16, Ano15, Ano18a, Ard12, CXpHqZ15, Glä18, GAPP18, hHSL19, KW15, LM19, LHC16, ML13, NJM18, PEFP13, PB17b, RPK17, YSM+19, ZSY+13, AF15a, AF15b, AW10, ASW18, Bai18, BH16b, BG12, BKRG13, BS16, Bue15, CFM18, CHL15, Cha18c, Cha19b, CYT+12, CRFM+12, CST11, Das16, DXL+18, Dor17, Fia11, FMP17b, FLB19, GP15, GRSFV+13, GRSFV19b, GKK15, Glä15, GTGABAG15, GWA14, GWG17, HD17, HG17, HYC18, HC15b, HHGZ11, HHDL13, HC12, KZSZ19, KHS+15, Kha13a, Kha13b, KZC16, KWS17, KW17, KGG15, LL16, LY16a, LT16, LPL14, LYW19, LC18, Lin12, LD16, LWM+15, LLW+16, LTK+19, LJMF15, Lun19, MP15, MBA13, MS15a, MS15b, MT12b, MMSS11, MM15b, NSKO15, Oli15b, OGOPPR17, OI17, PK14, PYK13, PQG14, PPE14, PEPUT15, Pin15, PFPCM+19, PHS12, QZZ17, SMLHCP17, SH19]. **information** [SM16a, SBB16, SGG+14, Sha12, SKCK14, SFNO12, Soo19, SMM15, SB19, SN10, tScL13, The17c, yT11, yT15, yTmShL16, TT13, VDV16, WW15, WYvE11, Whi10, Wol15, XGY+16, YDZ10, YL12, Ye14, ZLYF14, ZSC18, Zha10, Zhe19, dZLwC+15, ZYS16, dSF13, CWH11, RPK18]. **information-seeking** [BKRG13]. **informational** [EO14]. **informative** [GMSZ18]. **informatization** [ZY19]. **informed** [AD11a, BD16a, BGJ+16, LD16, MCR+12, RSGFV18]. **Informetrics** [Ano15, KÖG12, KG13, RM18, SSAG16, AER+14, BI10a, CP14, GLM11, KP12a, Wol15, ZRY+12, GGH+14, LLRG10, OING12, Pen19]. **informing** [TKA17]. **infrastructure** [JC19, KM11, LRA14, SK14c, WK15]. **infrastructures** [JDLIV14, MT15]. **infringement** [Jam17, PYK12]. **inherited** [AF18]. **inhibiting** [IMH13]. **Inhibitors** [WT14, CWJC14]. **initial** [BD10b, FRdA16]. **Initiative** [Bor16, MSH16]. **inlinking** [Hol10]. **inner** [CGPT15]. **Inno** [CC12a]. **Innovating** [URU10a]. **Innovation** [ALvH19, CS19, JCCC13, Koz15, UMdSV12, dSFSF15, Ahr17, APPF18, APLHF18, Ano16b, Ano17d, AMMT16, ÁRM13, BD12a, BS19, CSC12, CHC13, CLkS11, CyPP12, CP14, CL17b, CKB+14, DLL+16a, DMM13, De 16a, DdlPPL+19, FLZ17, FWFM18, Fuk16, GRBBS17, GL15, GWS15, GP18a, GZ14b, HMCD+19, KZSZ19, KRP19, KP12a, KVC15, KPY16, Lee12, LPMK17, LAHH15, LJ10, LJC+15, LYLD15, LLHN17, MvdH13, MDDG17, MCCU16, MT15, PM18, RVFEdlM10, RS12, RP17a, RBBG18, SLK12, Sil13, SN10, SG16, TLSH14, TVA17, TP11, WhCL10, WLY14, WY19, WZ19a, Wu14, WHZ14, YKCK13, Yoo15, YLJ+17, ZK19, ZZP+14a, ZQH+17, ZG17a, ZT18, ZT19, ZG13c, ZB12]. **innovation-related** [LPMK17]. **innovations** [BMZ+17, HMK+12, MBP19, WY12]. **innovative** [CP12b, HR15, JC11, LL13b, MvdH13, TW18]. **inophyllum** [GVGSEPRC15]. **Input** [PSB+17, ADS10b, KHK13, Pra18e]. **Input-output**

[PSB+17, KHK13, Pra18e]. **insight** [MM14c, RGTSLCH14, SZ12, WHC+13]. **insights** [AMMT16, Bou14a, Fuk16, HH10, HZL+17, KHH18, MKYM+17, SWH14a, SWH14b, YCPS17]. **Inspecting** [HLSC18]. **inspiration** [CPV14]. **inspired** [Sch15c, aSS17]. **instant** [ZC14]. **instead** [BL18, LNMQRR15, RTP17]. **institute** [Kon12, PLJ18, SWH14a, SWH14b, CWH11, GG13, TA15]. **Institutes** [ABL17, GGG14, KM15d, KZ13]. **Institution** [GY12, HYYR14, TSMTDLCH11, WL18, BKSS15, CMdT14, CXpHqZ15, DD18, GLD16, HSL+14, PKSG12, SSS+11, WLD+14]. **institution-specific** [CXpHqZ15]. **institution-topic** [WLD+14]. **Institutional** [SY16a, ADR13, Ban18, BHS14, BGBS18, BL15, BG18, BCC+17, CGC18, CHY16, Doc12, DC15a, DC17, Fan15a, GTD14, GW15b, HL17, Kos16a, Kra13, LJC+15, MOO17, OROMAA16, PY19, RCCM14, SIS17, SRW18, SZ15, TABA16, TW16, TSRGG17, YZB18, You14]. **institutional-level** [BHS14]. **Institutionalization** [MT12b]. **institutions** [ADV13, ALYZ15, Bor14, BL15, BWdMA17, CH13a, CXpHqZ15, CRZGVQdMA16, DB19, Fan15a, FFL16, FMM13b, GJ11, GHA+16, JKSK15, KMS16, KM18c, LSCK12, LAS14, LVHS+15, LLLL18, LLX+18, LOMLPA+17, MSdBC16, NPP+12, NSMMDB19, PSZ15, QJZ+14, RPGM16, SBB16, SUP15, UBTS16, VB12, VAJCC17, WXW+13, WDP11, WLZ+15, YP19, dMALIM14]. **Instituto** [STCRPA18]. **instrument** [EO14, GM12, HS16b, HYS18, ILP11, MARMSG19]. **instrumental** [FAA13]. **instrumentation** [LR12a]. **instruments** [LAHH15, Pou12]. **Insularity** [CSS+16, LTM12, MGMY+18]. **Insurance** [CYW+11]. **intangible** [NSMMDB19]. **integer** [Van10]. **integer-valued** [Van10]. **Integrase** [WT14]. **Integrated** [MWDC12, BH16b, DXL+18, KJS14, LGPC18, LBA19, LP18b, Wal15, ZZW+19b, dACdFC18]. **Integration** [YWC12, Ano16b, Ano16d, BCML19, DLL+16a, DG16, Keg15, KS18, Siv16a, ZC16]. **integration-state** [DG16]. **integrative** [Dan14, FCCMTRVR18, Kim19b]. **integrity** [Var11, YSND17]. **Intellectual** [BMM14, JK10a, dNMVQL16, ZS11, ACD14, AMMT16, BDC+12, CO10, CL11, CLSW19, Ham11, HC19, KJS14, Ley11b, Ley15a, LWM+15, LYLD15, LG16, Ma12, Oli15b, PNVCB18, PHS12, RAS15, SDT15, TCC17, TO18, YLL15b, ZG17c]. **Intelligence** [BB17b, SÁV18, AAS+19, ILB11, OMCP17, WLD+14, ZZPG14, ZWZ+19, ZWX22]. **intelligent** [ES16b]. **intelligible** [Moe16a]. **intended** [SFM16]. **intensity** [ADD17b, uARA19, BGAAM15, Lia11, RAA18, WM17]. **intensive** [EN17]. **Inter** [JOGC17, KGL+14, Saf19, ZCZ+16, ACFL11, Cab11, LAL15, MY16, SL16, VDV16, WZ19a]. **Inter-cluster** [KGL+14]. **Inter-organizational** [ZCZ+16, VDV16]. **Inter-ranking** [Saf19]. **Inter-rater** [JOGC17]. **inter-regional** [ACFL11, SL16, WZ19a]. **inter-researcher** [Cab11]. **inter-specialty** [MY16]. **inter-textual** [LAL15]. **interaction** [BHA15, BSG17, Bar17b, pGDTP12, LZB10, ZC14]. **Interactions** [dCdAMB19, CÖT16a, HSWC13, KLP17, Mor16, RRBA10, ZB12]. **Interactive** [LKR14, BND11, DGF17, PC18]. **interbasin** [ZLL+15].

intercontinental [KCM19]. **intercultural** [CY13]. **interdependencies** [DFG+18]. **Interdisciplinarity** [Ham11, KM15a, MGMY+18, WNS13, ZSCR+18, BP11, CMdT14, Cha18a, Cha18c, GG13, JKPL18, JL14, LWB18a, Ley18, dCCMAW16a, dCCMAW16b, MRN14, MKP16, Nic14, PLWS14, RM10, Rod17, RPNC13, SDEB16, Sug11, WWH+17, XGY+16]. **Interdisciplinary** [JAAA18, XGY+16, XDB+19, ADD17a, BM14a, BTNS14, CAGL15, CY13, DXL+18, HZ17, HC12, JOGC17, KLP17, KCU19, KH17, LBRR19, LSY11, LX15, Rai19, SZZC18, Sma10, SW19b, TA15, VNA16, VLV14, WZ19b, XBD+18, YPH10]. **Interest** [Cop19b, Zin16, BH15, KJW+17, LS15, SA17]. **interested** [BHJD12]. **interests** [JPZ+10]. **interface** [WT15]. **Interfaces** [dJC15]. **Interfield** [Yur15]. **interinstitutional** [LLLL18]. **interlinking** [LAS14, OROMAA16]. **Interlocking** [BB10, TO18]. **intermediaries** [LP10]. **intermediarity** [PY14]. **Internal** [Dya17b, CFG+14, DC14, SSN19, Dya17a]. **International** [AGHL14, Ano10, Ano15, BD10b, COS11a, DMM17, FSOS12, GGH+14, HSL+14, HSBW10, KB11c, KÖG12, KG13, KRR14, LHG16a, LLRG10, LKR14, Mêg13a, NHLL17, NA12, OING12, PML14, SSAG16, WXW+13, WK15, WS13b, Yur16b, ZPG+14, ZG11, ZZZ+12, ZyZZ+14, AChO19, APR19, Ama18a, ATM16, BLdlCV17, BFMRM19, Bha16, BGAAM15, BN10, Bre10, CWJBT10, CH13a, CH14, Cha17a, CJC13, Cho12, CB16, DCGZ+12, Eld19, FLZ17, FPS14, FB16, FS10, GCGP10, Gau17, GE11, GRG12, HH13, HTHB11, HWL11, JK19, JL18b, KA13, KA17, KM15c, Kaz15, KY16, Kim10, KKBW17, KPSL12, LML11, LHM+11, LM15, LDVSGDR16, LDVSGD19, LNK+14a, LNK+14b, MH14, MdNS+19, Mor19, NA18, NQ14, PML+17, PSB+17, PJB+12, Per10, PS16b, PL18, Pra13, QMSM+19, QA18, RRSA18, RGTSLCH14, RPK16, SH15b, SS10c, Sch11a, SB14]. **international** [tScL13, TUCR15, TA11, TW18, TA17, WWL17, WTG15, Xie15, YY14, YHL+18, ZHG16, ZYSS14, ZG17b, ZRL18, ZW19, ZL15a, ZG10, WTM+16, Wad16, Wad17]. **internationalisation** [LVSL18]. **internationality** [CBWJ18]. **Internationalization** [Dya14, QJZ+14, VE14, ADS11, AChO19, AZSA14, AZSA16, MT12b, PMJF19, Siv16b]. **internationally** [Ama18b]. **Internet** [MCvFP16, CP12b, LYS+17, NT17, PW13, RWG+15, YLL15b]. **interoperability** [DLL+16b, DCY+17, ZC16]. **interplay** [Zit15]. **interpret** [dMALIM14]. **interpretation** [CV15, LZGQ13, SBK19, VuHL10]. **interpretative** [BVOL18]. **Interpreting** [Sma11, The16, XA15]. **interregional** [TS11b]. **intersectoral** [TV17]. **interval** [Egg13c]. **intervals** [Bor17, Ste17]. **interventional** [GR16]. **interview** [Par14a, Par14c]. **intra** [CGC18, SIS17, WZ19a]. **intra-** [WZ19a]. **intra-institutional** [CGC18, SIS17]. **intramural** [KSB11]. **Intriguing** [Pri15]. **intrinsic** [Wu18]. **Introducing** [Hal13, XLR15, MM15a]. **Introduction** [BI10a, PC14, DG16, RG18]. **introspective** [ZTC15]. **intrusion** [ZSC18]. **intuitive** [LLH+16]. **invariance** [KRP19]. **invariant** [DGDGSV15]. **invasion** [PB12]. **invasions** [MB19]. **invented** [CD14, Lee10b]. **inventing** [GW10b]. **Invention** [YCK11, CJC13]. **Inventions**

[AAV13, Hsi11, HDW+15, LHWW14, RR17, vR17]. **inventive** [LZZ+12, LS19a]. **Inventor** [AD18, BT15, vPD13, GW10b, PLT14, SWCH14, ZLW19, ZZW+19b]. **inventor-authors** [GW10b]. **inventors** [FMP17a, KB13, LZZ+13, MM14c, PLT14]. **inventorships** [GGR11]. **inventory** [HS16b]. **investigación** [CRLMLM17]. **investigate** [FSLR10, WS11]. **Investigating** [AAS+19, Boy17a, GD11, KJS14, KPL19, VTY17, WHLP16]. **Investigation** [WLF15, ATK17, Avk13, CT15b, CG17, HB17a, HP18, LHM+11, LF14b, Lor14, LZCZ18, MdBdP+19, PZ17, SBT18, Sma11, SHK14, WMW+13, WWP14, YR10, Yu17, ZZY13]. **investigators** [HR11, KKLP18, Ste19]. **investment** [PHL17]. **invisible** [GN17, PNVCB18]. **involvement** [MB10b]. **involvements** [TG16]. **involving** [ZCMVQS11, dPdCAdMC+16]. **IoT** [MCvFP16, YLL15b]. **IP** [TTC17]. **IPC** [LKR14, NA12]. **IPCC** [BP11, JVM17]. **IPM** [yT11]. **IPR** [Hei19]. **IR** [KMD+18, Zit15]. **IR-bibliometrics** [Zit15]. **Iran** [FGP13, Moe16b, RHMH17, Sot10, Sot12]. **Iranian** [AKB+10, Ase10, BVOL18, FJ11, FGP13, IMHG12, IMH13, Moh12, NA12, NH14, Sot10]. **Ireland** [OO12]. **iris** [ABGS14]. **iron** [HLLT14]. **irreconcilable** [DTM+13]. **irrigation** [Bue15]. **iSEER** [ES16b]. **ISI** [CVD14, FGP13, Har13c, IMHG12, IMH13, Mik10]. **Islamic** [SH15b]. **Islamophobia** [TG18a]. **Israel** [BD10a, YGD17]. **ISSI** [SSAG16]. **Issue** [PC14, LHG16a, RG18, GSB18]. **issues** [Ano16b, GS15, KMP+11b, McC18, PB17b, SLGO17, SHR+10, Waa13, YB14]. **Istanbul** [SSAG16]. **Italian** [BGJ+16, ACD13, ADR16b, AD16, BD16a, BKG16, CD14, DRS18, FDVZ16, GE11, GMM16]. **Italy** [ADV11, ADS17a, ADS17b, ADD19b, ACS18, Fan13a, MM18, MM19, MT12a, SBT18]. **items** [Cam17, Chi14, CB19, Egg11b, KKS+17, San12d]. **iterative** [KKOS19, MM15a]. **ITRI** [SWH14b, SWH14a]. **Ivory** [HAL11].

J [GZ18, Par14c]. **J.** [Egg14a, Zit12]. **Jaccardized** [ST14a]. **JAERI** [YIK+10]. **Jaime** [BI18a]. **Japan** [Fuk19, FI16, HL17, HWLL14, KT15, Kon12, LW10, LPZ17, MK19, PP18, aSTS17, SN10, Won13, YK15]. **Japanese** [Hos11, HN16, IF13, IS16, MRN14, Sak19, Shi11, SK17, YST12, Yos13]. **JASIST** [yT11]. **JCR** [AYS16, DGDG13, GSMT10]. **JCR(R)** [AYS14]. **Jewish** [KB13]. **JIF** [Cam17, YY16]. **JIF-Plots** [Cam17]. **Jing** [PT17]. **Job** [BS15c, CÖT16b, FLB11, SRF16]. **JOD** [yT11]. **John** [Ano12c, Ano14, Ano17a, CXZ19, Dan19, KL16, Fie15b]. **joining** [MM16]. **Joint** [ZYNZ18, CL17a, Har16b, XBD+18, XDB+19]. **joint-authors** [Har16b]. **Jorge** [dCPF14]. **Journal** [BI12b, DD18, GNVQdMAG11, Ioa06, JNA18, LL16, RCJ18, RPGM10, The12, TT13, WL18, ZJLG10, ZXT+19, ADD10, AD16, ACP12, Asa19, Bai18, Bal12, BKL15, BWD10, BND11, BWD12, BM12a, Bor12, BH15, BH18b, BM12b, BF17, CWJBT10, CCM+11, Cam11, Cam14, Cav15b, CGK+14, CMO11, CHY13, CGG19, CM18,

CRLMLM17, CP16, CIL+16, DLGP16, DAYY18, DdS19b, Don17, DX17, Egg14a, EMH+10, EBD15, GFC18, GSTD11, GBDG19, GSOLHO19, GB16, GBMA14, HT11, HHGZ11, Ing12, Jam17, JKSK15, KBAK17, Kis11b, KB18, KPRT16, Kra19, Laa14, LP18a, Lee15, LS16, Ley12, LBW17, LWB18a, LBA19, LHM+11, LAW14, LS19b, MWDC12, MSYW12, MS18a, MHM+13, MA19, MPF18, MCR+12, MPH16, MKF14, MD12, NvLvR10, APFR+13, PJB+12, PA12, PW13, PROG19, PHV17, Pra10c, Pra12c]. **journal** [RGLE16, RM18, RAS15, RPP18, RTP17, Rou12b, SOBM16, SND19, SvLVA19, Sch14b, SA16, SM17, SI17, SMM15, SL10, TABA16, TA11, yTnL17, ULFRU+14, VEJC+18b, VEJC+18a, VHH16, Van12, VT10, VG11b, WM19, kWhHRkS10, WLM15, WJCC19, WZCC19, WHH+18, XWL19, XLR15, YHL19, YWZ+17, ZLW16, Zha17, ZGL+17, Zit11, Zit12, vR12, ANZ15, BI12a, BW10, BND11, Bor17, CD16a, Cam12, CC14, CGG+17, EMH+10, hHSL19, Jac12, KM17a, MWDC12, Ste17, vL12, CMPD19, FUR10, LM19, SL14, LX19]. **journal-based** [DdS19b, ZJLG10]. **journal-ranking** [YWZ+17]. **Journals** [Glä18, KB11b, LHC16, AZKR13, ANZ15, AR18, ABMRVZ14, ABRVZ15, ABMSSP16, ABSF+19, ASPF+16, AYS14, ATM16, Ase10, AND19, BB10, BL10, uHBK19, BHKP11, Bas10, Bha11, BS15b, BMP+14, BH16c, BPVM11, CWJBT10, CBWJ18, CC11a, Cam17, CHWL12, CVD14, Cha19b, Cha19c, CCLL14, Che15, CRR14, CG18a, CP12c, CR14, Dan14, DL16a, DL16b, DWGL16, DGDG13, Dya14, ERW12, EdS19, FCFG17, FSSPG+15, Fox17, FE14, Fra10, FM11a, FMM15b, Fra17, FLH14, Fuk17, GRTPMLAJ19, GCGP10, GRSS16, GRSFV11, GRSFVMB12, GRSFV18, GSM+16, GSMT10, GWA14, GBHT16, GB17a, GOPG13, HG10, HK19, HM15c, HP18, HYYL12, HLY14, ILB11, IB15, JZL10, JMM18, JMM19, KM17a, KY17, Kim10, KB12, KCP11, Kos18b, Kra10, KKdBK12, KR17a, LL16, LPC17, LY16a, LWB18b]. **journals** [LRZ13, LC18, LCFC14, LXL15, Liu16, LXL16, LHG16b, LDG17, Lop10, LA19, MPY+13, MCL+11, MZ14, MGC19, MdNS+19, MHM12b, Oos15, PB17a, PFL19, PS10, PW13, PHV17, PhD18, PP16, PR15, Pol16b, QL12, RZ12, RCETS19, RWG+15, Rod17, RP17b, RPK18, RTP17, SM16a, SP12a, SLGO17, San13, SIR+14, SG10, SGG+14, SS10b, Sch10a, Sch13b, SFR+19, SRW+15, SGY15, SE18, xShLY+15, STCRPA18, TBW+12, TA14b, The18c, TÜ10, yT11, yTmShL16, VVN16, Vin10b, Vin19, WP18, WLF15, WF18, WOW13, WAT16, WLZ+15, YWW17, YHL19, YAC10, YL10, YWZ+17, ZL18b, ZW19, ZXLX14, dSdSSB16, Cam18, LV12]. **journey** [GGW11]. **JoVE** [XYHD18, JNA18]. **JSTOR** [McC14]. **Judah** [EG18]. **Judit** [Ano17a, Ano19, The17c]. **July** [Ano15, SSAG16, LT10b, Tsa15]. **junctures** [KS18]. **June** [SSAG16, LLYC14]. **junior** [MS13]. **junk** [PG14a]. **jury** [MOA16b]. **just** [FM11c]. **justice** [Wal15]. **justification** [Egg13c].

K-core [XCS+16]. **Karenina** [MB13]. **Karlovcec** [Rod16]. **Katy** [Ley11a]. **KCI** [KCP11]. **KCI-based** [KCP11]. **Keeling** [MHFB17]. **Key** [GRG12, ZLW19, BGR19, DLGP16, HLLT14, SDS14a, ZZY19, ZyZZ+11]. **key-route** [HLLT14]. **KeyGraph** [CYH13]. **KeyGraph-based** [CYH13].

Keyword [Ben19, ADM19, BM13a, BM13b, BHH18, CHL15, HWQ+18, HQY+18, KC12, KW15, MM15a, SI17, SL10, VRF12, WNS13, WC18, WP17, XCS+16, XBD+18, YC12, YLL10]. **keyword-based** [YLL10]. **Keywords** [ZLH+15, CXpHqZ15, Li18, LCIADG19, MÁB18, YLH18, ZWHH13]. **kids** [Har19b]. **kill** [PLT14]. **Kirk** [Tom18]. **knockdown** [BL17b]. **know** [Ley11a]. **Knowledge** [ACAGD+17, ALvH19, BHA15, CD18, Fuk16, JvGH10, KNK+19, LGZ+13, Lja16, Moh12, OM11, SLK12, yT15, WZLZ13, AChO19, AEFP16, Ama18b, AHP17, ÁRS17, AC12, BCML19, BFGVV+18, BMR12, CMRC15, CLLZ15, CU16, CH13b, CRLMRPA10, CRLMRPA17, CKB+14, DT16, DCY+17, EES13, FMP17a, FRPP17, Fin11, FKRS14, FVVSGM+18, FK17, FK18, Gál17, GGR11, GG12, GLÚGML16, GN17, GZ14a, GP18b, GZ17, HH13, HH15a, HSAK18, HRH10, HL13, HLL14, HMK+12, HEH17, Hu11, HFL14, HWLL14, HDW+15, Hur17, IA19, Iwa17, JC19, KM12, Lar12, LSC10, LK17, Ley11b, LZ14, LCS+16, LC18, LP10, LSY11, LM13b, LJC+15, LL13b, MLY+14, MY16, MGMY+18, MKF14, NTM+18, NP11, Oze12a, Pet18a, PPE14, PSY+19, Rod17, RPGM16, RCCM14, SK16, SdJDD19, SMF18, Sch12a, SZZC18, SD13, SWH14a, SWH14b, SK13, Soo19]. **knowledge** [SL10, STCRPA18, SX16, SD18, SZ18, SK14c, TLSH14, TO18, UCH19, US10, URU10a, URU10b, WPW+14, WDS16, WY19, WA18a, WK15, Wu13, WKHS19, WS13b, YG18, YC10, YS13, YKCK13, YC12, YLL10, YWY10, ZS17, ZSC18, ZLW19, ZZ11, ZZW19a, ZY15, ZLH+15, ZH17, dSF13, dPdCAdMC+16, vdPR18, Ard12, Har13c]. **Knowledge-based** [SLK12, LZ14, TLSH14]. **knowledge-building** [ÁRS17]. **Knowledge-transfer** [WZLZ13, KM12]. **Kohsetsushi** [Fuk19]. **Kong** [Liu16, Hor18, LYGQ12, LXL15, LXL16, ML18, Pra18a]. **Kor** [KCP11]. **Kor-Factor** [KCP11]. **Korea** [SWH14b, CP12b, CC13, CL17a, CH13b, FKRS14, HP18, HWLL14, JKSK15, KHJ+12, Kim14, KTLD16, KPSL12, LPZ17, Par14b, PYL16, PHL17, PP18, PY19, SP12b, SL13, SWH14a, Won13, Wu14, Yoo15]. **Korea-based** [HP18]. **Korean** [AhOL14, AChO19, CK14, CyPP12, Kim10, KP12b, KLL14, KCP11, KM12, Lee10b, LSCK12, Lee12, PY14, PLJ18, Sha12, YPH10, YL12, YYP17]. **Korean-invented** [Lee10b]. **KOS** [WKHS19]. **Kosetsushi** [Fuk16]. **Kosovo** [JJR10]. **Kuhn** [MB10a]. **Kuhnian** [MB13].

L [KWW15]. **lab** [VMM15]. **lab-on-a-chip** [VMM15]. **labeled** [KKOS19]. **labelling** [GT12, KW17]. **labels** [MT13a]. **labor** [ADS10b, CGZ10, EN17]. **laboratorie** [JL14]. **laboratories** [CLO18]. **labour** [TV17]. **labs** [CFM15, RPNC13]. **lag** [ILP13, NSH+11]. **lagging** [JKMS17]. **lake** [Vil10, mYqS15]. **lakes** [GCLcG15]. **landfill** [RNF19]. **Landmark** [ZXLX14, WT15]. **Lando** [Pra17a]. **landscape** [BSK15, KJS14, LL19, Pri16a, Rai19, SK18, SHL15, ZYS16]. **landscapes** [KD18, OGOPPR17]. **Language** [BF17, Bar17a, BS15a, BWD12, CG18b, DGD19, GXC+19, GBMA14, LNMQRR15, MSYW12, MBT16, SW19b, VBTK19, vRvLV11]. **languages**

[Fuk17, OMLC14]. **Lanka** [MR10]. **laparoscopy** [CZW13]. **Large** [ACC+16, SYDW19, SS15, BS17, BYY18, CQB16, FEHC19, GKK15, Hal14, IF13, Kon12, KTRP17, LLH+16, LGD12, LRA14, MSdBC16, NF19, PIB18, Pra14a, RC13a, SSN19, ZZL19, ZYX+14]. **Large-scale** [ACC+16, SS15, BYY18, FEHC19, GKK15, IF13, KTRP17, LLH+16, LGD12, LRA14, NF19, ZZL19]. **largest** [KT15]. **lasso** [VHH16]. **last** [JC11, MGT14, OHT10, RBBG18]. **late** [BCC+17]. **latecomers** [JK19]. **Latent** [MVS10, LPL16, WLC17, WP17, WDN17]. **later** [BWD10, HL15, Sni16, The18f]. **latest** [WLC17]. **Latin** [AR18, Ano18c, BB19, BMTA15, CSR+18, CRZGVQMA15, CRZGVQdMA16, CR14, CRLMLM17, CS19, MC10, MSB18, OMLC15, RPDCRVRP15, RG18, SPB18, ZGCRVQ18]. **latter** [ADD10]. **launched** [GBM+16, GGH+10]. **laureate** [CÖT16a]. **laureates** [Ama18a, CÖT15, CT15b, CZPR17, Fie15a, SBB16, YGD17, ZZY19]. **Law** [TÜ10, Aus13, ANFF16, LAL15, Lin11, MS13, RPK18, SND19, SM14, cTnHwH17, YGD17, AYS14, AYS16, CC11a, CP16, WHH+18]. **law-the** [LAL15]. **laws** [BS15a, Brz15, MH16a]. **layers** [ZWL+18]. **LCD** [YKCK13]. **LDA** [WKHS19]. **lead** [ER19b, MZ14, RJ14, Tu19, WS13a]. **leader** [LF14b]. **leaders** [Bue15, Cam18, JK19]. **Leadership** [TG16, BFHS18, CRZGVQdMA16, Hal13, Hir19a, KB10, LZCZ18, MT13b, QMSM+19, TG17, TFJD14]. **Leading** [CMRC15, Asa19, Cam18, CV15, FI16, IMSK14, NPP+12, Osw10, RWG+15, RPGM16, WLZ+15]. **leads** [JSZIZ13]. **lean** [FdSdO17]. **learn** [Li16, LF17, WRV14]. **learned** [LYWSV13]. **Learning** [PSY+19, BK10, CL11, CLJH12, CG18b, DAMC15, FA10, HII+18, HSAK18, KMD+18, Ken18, KK18, KK17, NZL+19, RG15, SM12, THFBdMA18, WPCG13, WG11, ZML19, AMFLH15]. **least** [Cha16, dS17b]. **leave** [HA17a]. **led** [Kon12]. **legal** [SMLHCP17]. **legend** [MB14]. **Leibniz** [Ama18a]. **Leiden** [BG18, DF15, LB12]. **Leinster** [MKP16]. **leishmaniasis** [SFBS17]. **length** [ADC12, Egg13a, GMSZ18, HAA14, XGCK19]. **lengthening** [BL13]. **lens** [BM19, CS19, LJJ+16]. **lense** [WB15]. **Less** [QZZ17, AC13, CVC14, MS18a]. **lessons** [QA18, WT15]. **Letter** [BBSS16c, Bor15b, Egg10e, Lor10, Pra11c, Pra16b, Pra17a, Pra18c, Pra19c, Pra19d, Ric17, HL18, BI18a]. **letters** [THB18, LHW16]. **level** [AD11b, AvLS14, AMK13, BPJ+14, BFMRM19, BHS14, BBSS16a, BBSS16b, BBSS16c, CA19, CB11, Fuk19, GRSFV+13, GHT17, GC10, GW15b, HSL+14, Har13a, Keg15, KK19, KS17, LWIB16, LCS+16, LXDL13, LLH+16, MOO17, Mue16, NF13, PC18, PR14, Pra16b, RGLE16, SBA+19, TABA16, TSRGG17, UBTS16, Wal16, WSC16, WSL14, Wil15, XTZ15, Yan14, Yur15, ZCL14, Zit15]. **levels** [AHUR11, CHY16, CvLB10, DAYY18, EO14, GBMA14, SMM15, WS13a, ZWZ+19, ZWX22]. **Leveraging** [AChO19]. **Lewison** [Ano18b]. **Lexical** [GHT17, LZB10, MAA+11, RNM18, TG18b]. **Leydesdorff** [Hir19b, Pra12a, LM13a, Par14a, WvEvL+11a]. **libraries** [Kim18, Kim19a, OMR14, ZWL+18]. **Library** [ABMSSP16, Ard12, CXpHqZ15, GAPP18, hHSL19, LM19, RPK18, ZSY+13,

AW10, Ben12, CHL15, Cha18c, Cha19b, CRFM+12, DXL+18, FMP17b, HHGZ11, HHDL13, HC12, LYW19, LC18, Lin12, LHW12, LWM+15, Lun19, MH15, QZZ17, SMM15, TT13, WW15, WYvE11, XCS+16, YDZ10, YL12, Zha10, ZZ11, ZYS16, KY17, PB17b]. **licensed** [WPW+14]. **licensing** [LYWSV13, LCZ17]. **lies** [Cop19a]. **Life** [CRV12, ADR13, BHS14, BDF+17, BM14b, Bou11, BL13, Cha18a, CIL+16, FI16, GK14, Jon10, KKS16, KHR+19, Ley15b, OHT10, OH19, WLF15, YGD17, ZAJ19, ZM16, vdPR18]. **life-cycle** [Bou11, ZAJ19, vdPR18]. **life-cycles** [Ley15b]. **lifecycle** [HG13]. **lifespan** [SSS+11]. **lifetime** [CHM15]. **light** [hHC15, JVM17, LP18a, WM17, YLH+17]. **light-emitting** [hHC15]. **like** [BW10, BDF+17, BL18]. **limitations** [Ran09]. **Limited** [GP13, YGD17]. **limnology** [CHWL12]. **linear** [Bak17, ER19b, Hos11, LW15, ZCL15]. **lines** [BL17b, ZCMVQS11]. **Linguistic** [PT17, BASL16, Gan12, IA19, vdBSS18]. **linguistics** [Bar17a, SM16a]. **link** [CU16, GR14, HGH17a, KD19, LGL10, Lin10, ST14c, VRF12, WS10, YS13, YWZ+17, ZGJ18]. **link-based** [YS13]. **linkage** [FLZ17, Lee12, cSL10, TYYW16, ZL18a, dSNV18]. **linkages** [CHC13, FI16, PK14]. **Linked** [ST14c, ACAGD+17, EdS19, HHBB18]. **Linking** [MOA16b, BSC+17, LF17, OMOR13b, RPNC13]. **links** [BB10, BL15, GZ11, HH15a, HMI19, MS15b, TM12]. **liposome** [ZZ15]. **liquid** [HWLL14, SLG10]. **LIS** [Cha18c, Cha19b, AZKR13, ANZ15, ALYZ15, Asu19, Cha18c, Cha19b, HSL+14, Ma12, MH15, MOA16a, WDS16]. **LISA** [FMP17b]. **list** [ATJ16, HO19]. **Listing** [DWGL16]. **lists** [BKL15, YWW17, ZSCR+18]. **literacy** [PEFP13, PPE14, PEPUT15, Pin15, PFPCM+19, SB19]. **Literature** [Ioa06, Kos14, LCD+14, ACD14, BMM14, BZ17, Bha16, CLD13, Cav15a, Che12, CXWW18, Col17, CGSS13, CvLvR11, CNC18, FA10, FAA13, GTC16, GAPP18, Ham11, HHZ14, HH15a, HIG+17, HTL15, HZD+15, IWK18, JKN19, JDH12, KGZML+19, KM11, LL13a, LY12, LJKG15, LCIADG19, LLYC14, ML16, MnaeR+15, MdBdP+19, MB16a, MHTB17, Mue18, NTM+18, dANR15, NFH12, NT17, OGOPPR17, PYH16, PN15, PLGC18, PLG19, QZZD18, QL12, RPAMR19, SR15, SLG10, SAPR18, SZ12, TAA16, TM12, TYWZ12, TZ15, yTnL17, VACCAJ18, VSK18, WW15, WMXZ14, WST14, YSND17, ZL18a, ZG13a, ZLL+15, ZGY16, ZG17d, ZG17e, ZDZ+15, dSD18a, dCdAMB19]. **Literature-related** [Kos14]. **literatures** [LLH+16, VG14]. **lithium** [HLLT14]. **litigated** [SCL12]. **litigation** [CLW+19, SCL12]. **LitStoryTeller** [PC18]. **little** [YWG14]. **Liu** [Ho16]. **LOCA** [YIK+10]. **local** [CRLMLM17, GSM+16, HGH17a, MC10, MR10]. **locality** [AT18]. **locally** [Sch14c]. **locations** [HP10]. **Loet** [Par14a]. **log** [Bak17, Hos11]. **log-linear** [Hos11]. **logic** [Par15]. **logical** [Wu18]. **logically** [Pat18, Sch18a, Sch18b]. **logistic** [Par15]. **logistics** [LMR16, dCdAMB19]. **lone** [KO18]. **Long** [LT16, SVS18, ADS17a, ADS17b, JC11, Kos18b, WJCC19]. **long-run** [Kos18b]. **Long-term** [SVS18, WJCC19]. **Longitudinal** [BL11b, AP16, BN10, FRPP17, Har13d, Har14b, HA16, HKWC15, PW13, PR10, PQG14, THAL15, TCC17, VEJC+18b, WP17, WS13b, YMSQ10,

dWZD14, vdBS16, vdBBdK16]. **look** [CAV+19, DMV10, Hei19, HL17, SA11, SA12, SMF18, SL10]. **Looking** [FLM16, Rig13, Sug11, dCdSNB15]. **Lorenz** [ER19a]. **lose** [BH17a]. **loss** [KKS+17]. **lost** [DF15]. **Lotka** [ER12, WZS12]. **Lotkaian** [Egg10a]. **Love** [ZG13b]. **low** [BWD10, Pri16a]. **low-** [BWD10]. **low-energy** [Pri16a]. **lower** [ADD11d]. **LSH** [AT18]. **LTE** [WLD+14]. **Lucio** [Pra17a]. **luminarie** [WM17]. **luminous** [WM17]. **lunches** [BBP14]. **Lung** [LRWS16]. **Lutz** [Dan19].

M [Egg14a, Fie15b]. **M&As** [LJ10]. **MA** [XA15]. **MACA** [ByLbH16]. **Macau** [Liu16, LXL15, LXL16]. **machine** [BK10, CG18b, DAMC15, FA10, HII+18, HSAK18, KMD+18, KK18, KK17, NZL+19]. **machine-learning** [HII+18, HSAK18]. **macro** [CBF13, MdFdA+14, Mue16, NF13, TW16, GC10]. **macro-indicators** [MdFdA+14]. **macro-level** [Mue16]. **macro-trends** [TW16]. **macroinvertebrates** [LAdAMJ17]. **made** [CC11b, TE18]. **made-to-measure** [CC11b]. **Madison** [LSL15, MS16a]. **Madrid** [HMCD+19]. **magazine** [LT10b]. **Magnetic** [LCLX16]. **mail** [SRW18]. **main** [BH17a, HdSV16, HLLT14, KS18, LLH19, ML16, MCL+11, YKLK14, ZCMVQS11]. **Mainland** [LYGQ12, Liu16, CXWW18, LF14a, LXL15, LXL16, ML18]. **mainstream** [Fan11, LF12b]. **maintain** [ADS17a, ADS17b]. **Maisano** [Pra11c]. **Major** [AEFP16, qJnShPL17, AZSA14, AZSA16, ACAGD+17, CT15b, DWGL16, EGU10, FJ11, FMM15b, KCU19, Med15, MTU17, MÁB18, PFL19, SM16b]. **make** [BSFCC15, Hag10a, KKV+13, MM16, Men18, YY16]. **maker** [CW17]. **makers** [JSZIZ13]. **makes** [CWJBT10, CMO11, LS17b, NG16, vWWtH14]. **Making** [CZV10, Kor18, CdMCdMMdP17, pGDTP12, LD16, vdBSS18, CPV14]. **Malaysia** [KJ13, KJ14, LNK+14a, LNK+14b]. **Malaysian** [ANA18, LKW+16, TAB13, TABA16, TUCR15]. **Male** [MB10b, BL11b, Keg15, Kra17]. **mammography** [THAL15]. **managed** [HAL11]. **Management** [CD16a, DLL+16b, ELP11, AEFP16, AL12, ACD14, uHBLKH19, Ben12, BH16b, CJY+15, CST11, CGSS13, CAS16, DCY+17, EBD15, FFR+17, FFR16, GRBBS17, GZ14a, HMCD+19, HNG19, KLP12, KW15, Kos16a, KJ13, Lee15, LPMK17, LGZ+13, LXL15, Liu16, LXL16, LZCZ18, MH15, ML10, MGGdP17, NG16, Oze12a, PMJF19, PHV17, RPGM10, RPDCRVRP15, RPGM16, RP17b, RPP18, RTP17, SDT15, TO18, Tsa11, VT10, WLZ+15, ZAJ19, ZYSS14, DLL+16a, RPK17, SL14]. **managers** [LTG12]. **managing** [APPF18, APLHF18]. **Mandelbrot** [Aus14b]. **Manfred** [BS13a]. **Manhattan** [WM19]. **manifesto** [DF15]. **manipulating** [uHBLKH19]. **manipulation** [BK11, YLSW16, YYL10]. **manpower** [Bas14]. **manufacturer** [WHZ14]. **Manufacturing** [FMM15b, FM11a, FM12, LNRSRBB18, MDDG17, TTC17]. **manuscript** [BM12a, GRSFV19b, KBAK17, SGSS17, SA17]. **manuscripts** [Ama15,

BWD10, BD10b, BWD12, BHJD12, CGG+17, CGK+14, GRSFV14b, Sch11b]. **many** [Hag10a, HB17a, HB18a, JL14, LL13a, Oos15]. **map** [BSBG18, HZL+17, KWM+18, Pra10d, WvBvE11, YS13, YLL10]. **map-based** [HZL+17]. **Mapping** [AATBPAB15b, ATYL17, BBJS16, CG11, CF14, CP14, FAI+18, FMP17b, GGR11, GTGABAG15, GJ11, GKV11, HMK+12, HGH17b, KGNB11, KG10a, KS18, KKBW17, KGZML+19, Kos16a, KJ13, LM19, LYS+17, LKY17, LG16, LMR16, MdBdP+19, MSB18, NFH12, NLCC17, NA12, Par14b, RAS15, SS10b, SL10, SZ18, SK14c, Tei11, VYL17, WY12, YDZ10, YLL15b, ZZ11, ZL15a, ZB12, dPSS18, BD12b, Boy17b, CIK+18, DC15b, DLMX15, GN19, HLSW18, KD18, KO19, KMP11a, LGD12, LJJ+16, MLT+15, Moh12, MAGSTRC15, Oli15a, OMCP17, SMF18, SBSU15, Soó11b, SK12, SDEB16, SB19, USPO15, ZLH+15, vEWNB10, vEW10, KN15]. **mappings** [LCS+16]. **MapReduce** [HAG+16]. **Maps** [Sma10, dSAEE15, IS16, LCR13, LKR14, LBW17, MLY+14, Sma11, TW10, YPK13]. **March** [BMM14]. **marine** [dCdSNB15]. **markers** [dBONM+19]. **market** [CO10, CSC13, CSC14, CLW+19, CFM15, FT19, GRSFV14a, MR18b, NF13]. **market-oriented** [CFM15]. **Marketing** [CMPD19, BHPVdPMR18, MAGSTRC15, Saa10, VT10, WZW15]. **markets** [CMRC15, FS10, PN15]. **Markov** [AHP17]. **Martin** [LM13a]. **mass** [GALR16, KB11a, SKM15]. **Massacrator©** [PLT14]. **master** [Jac18]. **masters** [BR12]. **match** [ATJ16, AT18, RGLE16]. **matching** [ZC16]. **material** [vLCCMV13]. **materials** [KSSB13, LLLL18]. **MATH** [CB15]. **Mathematical** [Egg11c, FSSPG+15, BD13, BFM+14, KM18c, SIR+14, Zuc10]. **mathematicians** [DRS14, ZCKZ16]. **Mathematics** [BL11a, uARA19, AA16, BD12b, Bra12a, GLS16, GQAM19, HG17, LD16, SL12b, ZT14]. **Matrices** [RRBA10]. **matrix** [HH17e, YHL19]. **matter** [HSBW10, LVSL18, Mar11, NG16, TH19, WHZ14]. **matters** [Har16b, Yu17]. **Matthew** [PD10, YGW+15]. **Maturity** [RMdO17, KHVGA+16, LNRSRBB18]. **may** [BBJS16, Cop19a, SA17]. **me** [KB12]. **me-too** [KB12]. **mean** [Laz10, TG17, ZCL14, ZCL15]. **mean-based** [ZCL14, ZCL15]. **meaningful** [BB15]. **meaningfully** [BM14b]. **means** [SYDW19, dSNV18]. **measure** [ADS10b, AD14, AW10, Ama18b, BT17, BT18a, CNPG17, CLHH10, CC12b, CC11b, CB16, EGU10, Har16a, Har16c, HS16b, LPL16, Liu17, Lun19, Pei19, PMN16, RZ12, RKT+15, Saf13, SS10a, Sch10a, TB19a, YWZ+17, ZLF+14, ZLZ19, ZTRH18, Zhe19, dSFSF15]. **measured** [BM14a, GM12, GK18, JZL10, VSS12]. **Measurement** [Rha17, ASW18, BTL19, ET15, LTG12, MARMSG19, Osw10, PPM+17, RBC+10]. **measurements** [HT19, dCCMAW16a, dCCMAW16b]. **Measures** [ER19b, Moe10, SA16, Abb13, BLS15, Cab11, CFSSP16, CM18, DLGP16, DGDGSV15, FSSPG+15, GRSFV+13, GPN14, GKK15, GLM11, Hal13, HK12, Kim10, KJES16, LWB18a, MvdH13, MKHB13a, MKHB13b, RPNC13, SS16]. **Measuring** [ADR13, ALYZ15, BMD+18, Car16, CKT17, CJW10, Cla15, Das16, DL16a, DL16b, DNAH15, Din14, EGR13, GRTPMLAJ19, HT11,

HH13, HIG+17, HWL11, HCS+15, Hun12, JDLIV14, JK10b, KP12b, KB18, KS17, LZ14, MG12, RGLE16, RVFEdlM10, SR16, Sch13b, SV19, SN10, tScL13, Var11, Wal15, WWH+17, WRC+19, ZZLS19, ZZZC16, ZHMX14, ZL17, ZG17f, ADV13, ATM16, ACAGD+17, BHM16, ENST16, FESD11, GSMT10, HSAK18, KLL14, KB10, LPL14, Nic14, PB17b, PB12, RW11, Sch15c, SPS14, Sni16, SML16, TSRGG17, Wra18, ZQH+17, ZNB+17]. **mechanical** [JC12]. **Mechanism** [PG14a, Gál17, San12a, San12d, ZZW14, ZZW16, ZZFD16]. **mechanisms** [CFM15, Hos11]. **Medal** [Ano12c, Ano14, Ano17a, CXZ19, Dan19, Fie15b, KL16]. **Media** [AMMT16, CHC17, CD18, CyPP12, CP12c, CV14, ENST16, GW15a, HIG+17, HMI19, Kha13a, Kha13b, NTM+18, RCCM14, SMM+19, VSK18, WLMF15a, WLMF15b, WFG16, ZG13a, ZW17b]. **Media-based** [AMMT16, Kha13a, Kha13b]. **median** [Egg10c]. **mediating** [EMSH16]. **Médica** [CRLMLM17]. **Médica/Archives** [CRLMLM17]. **Medical** [AKB+10, CRLMLM17, ESB15, GWBSVWB13, Soo10a, ZGCRVQ18, BCML19, CdJD15, CMM17, ES18, FJ11, FI16, HE16, KM15b, KM15c, KM15d, KDFL14, KGB+18, LJ10, MdNS+19, Pau10, PDAN19, PKSG12, RWG+15, SMAABJ11, SFR+19, TKA17, VVN16, VNA16, YWW17, ZG13a, LCS+16]. **medicalized** [SSdOS17]. **medicinal** [SSdOS17]. **Medicine** [KHK13, BMM17, BGMB16, Dan14, Fan15b, FCFG17, FZZ+11, FZZ+12a, HFW+14, HZD+15, LNK+14a, LNK+14b, MLY+14, OCM+12, STCRPA18, Fie15a, OCJB15, DD18, WL18]. **medium** [MASM14, MASM16]. **Medline** [ZCMVQS11]. **Meeting** [KÖG12, KG13]. **meets** [Glä15, Lei16, ZG12a]. **mega** [EdS19, MA19]. **mega-journal** [MA19]. **megajournals** [Hen19, Hen20]. **Mekong** [SCLC15]. **mellitus** [SZAJS14]. **member** [Lia11, MM16, WWP17, YP19, ZL18b, ZZW14, ZZW16]. **members** [ALH15, BHJD12, KS17, MHM+13, OBG11, RGLE16]. **membership** [XLZ+18]. **membrane** [CYK+11, DSG+15, ZPG+14]. **meme** [ZXZ17]. **memes** [AF18, SD18]. **Memetic** [HGH17a]. **Memorial** [GSB18]. **Memorias** [STCRPA18]. **men** [HC14a, HAJ12, KPS12]. **Mendel** [CvLvR11]. **Mendeley** [ATK17, Ask18, BI14, Eld19, KCT+17, The17a, The18c, The18f]. **mental** [BJIB16]. **mentee** [CZPR17]. **mention** [PYW18]. **mentioned** [BHM16, HB17a]. **mentions** [ST14c]. **mentor** [CZPR17]. **mentoring** [CZPR17, DY18]. **Merck** [Tom17]. **merger** [PYK13, SRF16]. **mergers** [DEC15]. **merging** [SKCK14]. **merit** [ADR14b]. **MeSH** [LCS+16]. **Meso** [TABA16, Zit15, CvLB10]. **Meso-level** [TABA16, Zit15]. **mesoscopic** [VuHL10]. **messaging** [ZC14]. **Meta** [GBGB13, Bor15a, EBD15, Mue18, VHH16, XGCK19]. **Meta-analysis** [GBGB13, Bor15a, Mue18, XGCK19]. **meta-ranking** [EBD15, VHH16]. **metabolism** [LPZ17]. **metadata** [BSG17, ByLbH16, QA19]. **metaknowledge** [ZG17a]. **metal** [WH16]. **metal-organic** [WH16]. **metaphors** [BSBG18]. **method** [ADR19, AHP17, Bel17, BM15, BG17, BYY17, ByLbH16, CCLL14, DXL+18,

DLMX15, FZZ17, HSPY15, HZQ+17, IMSK14, KGY+17, KKOS19, KB10, KKL14, LJS16, LNRSRBB18, LZFW15, LSS15, LSS16, MMOMLC18b, MM15a, Osó18, Osw10, OI17, RNB19, SR16, SSG+18, SCL12, Var11, WBH+12, WCL14, XHA+19, ZCL14, ZCL15, ZZD+18, ZZP+14b, ZLLD19, dZLwC+15]. **Methodi** [PKR15, dCPRP18]. **Methodological** [AAB+13, PB17b, CT15b, GMJ+17, LGL10, OBG11]. **Methodology** [Bha11, BM13a, BM13b, CKB+14, EMSS16, FCCMTRVR18, FMP17a, HL13, MD12, PKR15, RCN+14, TSMTDLCH11, Tsa11, Tsa15, dCPRP18]. **Methods** [OMAMMLC15, SJ10, AUS12, BM14b, Boy17b, CMM17, CvLB10, Din14, ES18, GT17, HY19, ILB13, JTZ14, JPZ+10, LZB10, Lor14, MM14c, MSH16, OROMAA16, SB15, YYDH12, YWC12, ZZP+14a, ZCL15, ZZZ+14, ZGJ18, ZHMX14, Zit15, dCdSNB15]. **metric** [LLH+16, MS18b, PQG14, PDAN19, PPM+17, RZ12, RG18, ZCW14, ZC16, dSM17, dS18, dSdSSB16]. **Metrics** [PMJF19, Pol16b, VB12, AD16, AP16, ASW18, Bor15a, Bou14a, hCcTmWH15, DdS19b, EMSH16, EG16, GG15a, HCS+15, MBL18, ML13, MCR+12, Pra12c, Pra18b, Shu17, TYYW16, WMXZ14, WWC19, dS17a, OMLC14]. **metrics-** [Shu17, dS17a]. **Metrics-based** [PMJF19]. **metropolitan** [LSR13]. **Mexican** [CRLMRPA10, LOMLPA+17, LOPAGS19, RHGKD16, VAJCC17]. **Mexico** [AD18, CRLMRPA17, FVVSGM+18, LBCO19, LOMLPA+17, MC13, USPO15]. **Michael** [GZ18, KL16]. **micro** [CBF13, CB11, ZWW+16]. **micro-level** [CB11]. **micro-macro** [CBF13]. **micro/nano** [ZWW+16]. **micro/nano-bubble** [ZWW+16]. **microbial** [MYN+15]. **microbiology** [dSTL18]. **microbiome** [Coc18]. **microplastics** [dSTL18]. **microRNA** [MM14a]. **Microsoft** [Har16d, HA17a, HA17b, Har19b, HHBB18, HOB17, HB17b, The18a, The18e]. **Middle** [Cav16, GNS+15, SZAJS14]. **might** [uHBLKH19, Har15b]. **migration** [BD12b, Dya17a, Dya17b, MAP13, MH14]. **milestones** [AUS12, CL17b]. **military** [ACMP13, LS17a]. **millennium** [Kra10]. **million** [Cab13, Jac18]. **Mimicry** [Bor11]. **minds** [CT15a]. **mineralogy** [FVVSGM+18]. **Mining** [CLLH15, Fia11, SBA+19, WYY11, ZPC17, Com15, EDEH16, GRBBS17, GWS15, HD17, JS15, Lor14, MVS10, Moh12, PYK13, PC18, RHMH17, RNF19, SK13, Tsa11, WRM17, WNS13, WA18a, YLL15a, YLSW16, ZLG+15, ZLW19, ZZZC16, ZHZY19, Mad15]. **Ministry** [CP12b]. **miracle** [RT17]. **mirror** [DFS14, VHD+16]. **mis** [LZR14, CL11, Glä18, LHC16]. **misattributions** [Kra17]. **Misconduct** [ANA18, BH18a, ZG13a]. **misinterpretations** [Sch15a, Wu18]. **Missing** [Kra19]. **mission** [aSTS17, WHC+13]. **mission-oriented** [aSTS17]. **Mistakes** [CGK+14, ANA18]. **Mistaking** [Etz13a]. **Misunderstanding** [Har13c]. **mix** [Sch15a, Wu18]. **mix-up** [Sch15a, Wu18]. **Mixed** [GWB11, VEJC+18b, XLZ+18]. **Mixed-indicators** [GWB11]. **mixed-membership** [XLZ+18]. **mixing** [PR10]. **Mladenić** [Rod16]. **MNCs** [SL17]. **mobile** [Ama18b, LK17, PFPCM+19, KK15]. **mobilities** [YY14]. **mobility** [AD18, ACRC17, Ama18a, BD12b, BS15c, COS11a,

CRBRG+18, CR18, DRS14, FSO11, FSOS12, KA17, TV17, WD13]. **mock** [Pra10e]. **modal** [GF11]. **modalities** [GBDG19, RCdJ+14]. **mode** [KM12]. **Model** [LSC10, ACD15, AHP17, Aus14b, Bas14, BSS15, BBL17b, BGBS18, Bou11, BD13, BS13b, Cha17a, DFS15, Egg10c, FCFG17, GG12, GLS16, GZGAC16, GZGAC17, GSM+16, GHT16, GWB11, Hei19, Hos11, HWQ+18, HWS18, IL14b, ISR11, Ke13, KHK13, KPRT16, LWB18b, LQW17, LW10, LGD11, LGS18, MH16b, MB10a, MB13, NG16, Nic14, NZL+19, OMOR13a, Par15, Pra17a, RT17, SHR+10, SS10c, SKCK14, SGY15, SDP+19, VEJC+18b, VEJC+18a, WYAY12, WLZ+19, WHS19, Xie19, YLH18, YKLK14, Yoo15, YL10, YWZ+17, ZFY+17, ZG17b, ZYF+17, ZMW+18, ZSC18, ZLZ19, ZLLD19, ZG17f]. **Modeling** [Ano11, BR12, BGSvdB11, Cha17b, GC10, KHS+15, LJC+15, SLG10, WFH+16, WG10, XXL+17, ZG12b, AUS12, BVOL18, DGPL15, FS12, FMP17b, GDP16, GF11, HFL14, LKSK15, MHM12b, SLXD15, WZCC19, YPNS14, ZYNZ18]. **Modelling** [GAE15, ZKC+16, AF15a, AF15b, BGM17, KTRP17, MFF+16, MKF14]. **Models** [Jon10, CLLH15, CB16, DdlPPL+19, FLM+19, FA10, FAA13, HII+18, HV18a, JL18a, KK13, LDVSGD19, LWT16, MMSS11, MM15b, NH11, Par15, PROG19, RMdO17, Wal15, JL19]. **moderating** [LLHN17, WZ19a, YC10, ZW17a]. **moderation** [WY19, ZQH+17]. **modern** [CRLMRPA17, FVVSGM+18]. **modes** [JCK11]. **modification** [LF12a]. **Modified** [SS10a, cTnHwH17, ByLbH16, CLHH10, JBC19, Rou11]. **modularity** [TK10]. **Moed** [Pen19]. **Molecular** [CAGL15, RBF+10, Jon10, dBONM+19, TN19]. **Momentum** [GNHT18]. **monetary** [ZS18]. **money** [ACD13, Cop18]. **monitor** [CWL10]. **monitored** [OHT10]. **monitoring** [BSC+17, EMSS16, GM12, TW16, YLJ+17]. **monograph** [Sni16, VO17]. **monographic** [GTC16, SLGO17]. **monographs** [Ham11, ZC16]. **monopoly** [Fan11, LF12b]. **Monte** [Sch16]. **MOOC** [GZ17]. **Moravcsik** [GZ18]. **Moroccan** [Bou14a]. **Morocco** [BDE11, Med15]. **morphology** [WMH+17]. **Most** [Ioa06, Fan12, GdOdAG+13, Kor18, Ley12, LDVSGD19, MHTB17, PLA10, PAL13, Pra10a, RV18a, RV18b, SCGZR16, SAR19]. **Most-Cited** [Ioa06, SCGZR16]. **most-highly** [Ley12]. **motion** [Lja16]. **motivate** [MCL13]. **motivations** [HL13, LNMQRR15]. **motives** [ONB17]. **motorcycle** [OMJLVSN19]. **move** [RM18]. **moving** [DC19, Yoo15]. **MS** [CCLL14]. **much** [uHBK19, BSFW10, GRSFV16b, LVSL18, OM11, Pra10b, Sch13a, Vil10]. **Multi** [GF11, LLX+18, MLT+15, XYW+17, AHUR11, BPJ+14, Ber18, BD13, DLMX15, GHvdB12, HS16b, wH15, JC19, KL17, KO18, LWIB16, LGD11, LF12a, MXZ18, NPT+15, NH11, Osó18, PC18, PPM+17, Pra18e, RKT+15, RPK18, SP14, TH19, VRF12, You14, ZZZC16]. **multi-agent** [NH11]. **multi-aspect** [GHvdB12]. **multi-attribute** [BD13]. **multi-author** [Ber18, wH15, TH19]. **multi-authored** [KO18, LF12a, Osó18]. **multi-authorship** [NPT+15, RPK18, SP14]. **multi-classifier** [MXZ18]. **multi-dimensional** [HS16b, JC19, Pra18e]. **multi-faceted**

[DLMX15, PPM+17]. **multi-granularity** [ZZZC16]. **multi-industry** [VRF12]. **multi-institutional** [You14]. **multi-level** [BPJ+14, LWIB16, PC18]. **multi-levels** [AHUR11]. **Multi-modal** [GF11]. **Multi-source** [XYW+17]. **multi-stage** [RKT+15]. **multi-technology** [KL17]. **Multi-view** [MLT+15, LGD11]. **Multi-views** [LLX+18]. **multicountry** [WDP11]. **multidimensional** [GRSFV12a, GRSFV+12b, SSG+18, TSRGG17, Tor14]. **multidisciplinarity** [ÁBV+14, CBWJ18, MRGT18, SVS18]. **multidisciplinary** [ADD18a, BH10, DGGBDG17, GTD14, KB18, Lee15, MMOMLC18a, ZS11]. **multifaceted** [SP12a]. **Multilevel** [SC10, BS17, OMOR13a]. **multimedia** [TH13]. **multimodality** [Xie19]. **multinational** [HEH18]. **multinationals** [WY12]. **Multiparametric** [VAJCC17]. **Multiple** [BI18a, Yos13, dSD18b, dSD18c, Abb11, FDVZ16, Gal11, Har15b, Hir10, HL17, LdZwC+17, MR18a, Pra11b, SGM+16, Sch11b, SK12, TG16, YG18, YWZ+17, ZWL+18]. **multiple-link** [YWZ+17]. **multiple-part** [Sch11b]. **multipolar** [Veu10]. **Multivariate** [dPdCAdMC+16, ACD15, CLL+17, FCFG17, OA10a, Tod11, VHG+15, dCdSNB15]. **municipal** [Hol10, YCL+13b]. **museum** [ACAGD+17]. **music** [Geo17, GN19]. **musical** [KCP12]. **must** [DDR17, Sch14a]. **Mutual** [KW17, KZSZ19, LPL14, SN10, Zhe19]. **mutually** [QZZD18, YWZ+17]. **my** [LNMQRR15, Per18].

n [ATJ16, ZLF+14]. **n-grams** [ATJ16]. **Name** [GKF17, SHB14, AT17, ADD16, ARE+18, CLMN19, HYF+17, HYYR14, Kim18, KK18, Kim19a, Kim19b, KKOS19, McC18, MRR17, Sch16, SKCK14, TW10, WBH+12, WD13, ZYX+14, ZWL+18]. **named** [Ken18]. **names** [AOd15, AP14, DRS18, FGP13, SSdOS17]. **Nano** [BS15a, SK14a, GHT17, KPY16, LG15, WNS13, ZT18, ZT19, JAAA18]. **Nano-Bio-Info-Cogno** [JAAA18]. **nano-biopharmaceutical** [ZT18, ZT19]. **nano-bubble** [ZWW+16]. **nano-enabled** [KPY16]. **nano-energy** [LG15]. **nano-level** [GHT17]. **nanobiopharmaceuticals** [ZG11]. **nanocellulose** [MNdF16]. **nanofiltration** [ZPG+14]. **Nanomaterials** [dSSdMAF14]. **nanomedicine** [BAB13]. **nanoparticles** [LCLX16]. **Nanoscience** [GB14b, Ley13a, YWY10, BYR13, CRMPRS18, HMCL16, KGNB11, MDG10, Moh12, QZZD18, SW19a, SK14b, SDEB16, ZG13b]. **nanostructures** [ÁRM13]. **nanotechnological** [ÁRM13]. **nanotechnologies** [Fin11, SJ10]. **Nanotechnology** [PLG19, YWY10, APYS13, BYR13, BK10, BSB12, CRMPRS18, CC13, DT16, EGUB12, FSAB10, GHS18, GB14b, GW10b, GS12, JKPL18, KGSS16, KGNB11, Ley13a, LJC+15, LZC17, MAA+11, MHM+12a, Men18, MdFdA+14, OZK11, OPGW+13, OI17, SYP10, SK14b, SDEB16, TBS15, TS11a, TS11b, Ter17, WS11, WXLL12, ZG12b, ZG13b, ZyZZ+14]. **nanotube** [CWL10]. **nanotubes** [EGUB12]. **Narin** [Pra19e]. **NASA** [GG13, TA15]. **National** [ADS10b, ADD11b, ADD11a, AD11b, ACD13, ABL17, CLD13, CYW+11, KA17, KM15c, Kaz14, Kim14, Nic14, Zin16, vWBS+16, ADV11,

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noise [BSFW10]. **nominees** [GW10a]. **Non**
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non-auctioned [LL10]. **non-citation** [HWS18]. **non-competitive**
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norms [Sot10, YB14]. **north** [ADR16b, KHK13, Med15, PY19, SL13, ZCKZ16]. **Northeast** [KHJ+12, CdSPdM13]. **northern** [MWH14, LMM15]. **Norway** [KG10b]. **Norwegian** [ACP12, HS16a, San18]. **notation** [Cav15a]. **Note** [AZSA16, DR10a, HC17, MSDJ19, ST14a, Wra18]. **notes** [LLH19]. **notions** [DFS14]. **novel** [FE16a, FE16b, HIG+17, HSAK18, HB18b, JDH12, Li15, Li18, Mag14b, MMOMLC18b, SH19, SZ12, WOW10, YHL+18, ZZD+18, ZLLD19, ZWL+18]. **novelty** [GM12, LS19a, WRM17]. **Novosibirsk** [MLVJ12]. **NPR** [LCFC14]. **NRAEs** [CLD13]. **NSFC** [YHL+18]. **nuclear** [HYS18, KNK+19, Pri15, Pri16a, Pri16b, YIK+10]. **nucleation** [San12a, San12d]. **Null** [Sch15a, Wu18]. **Number** [HBDL18, ACORC11, Bas10, BPVM11, CCM+11, CR14, Egg10d, FM17, GA18, GMSZ18, HHBB18, IBL13, JN11, KKS+17, Lev15, MBR+13, PKR15, Sch10b, TAA16, ULFRU+14, XGL+19, YHL19]. **numbers** [Abt17, Fan18, LABL13, TC13]. **numerical** [Ric15]. **numerology** [Etz13a]. **numerous** [Sch15a, Wu18]. **nurses** [BL11b]. **nursing** [DBO+18, WOW13].

o [CL16]. **OA** [Ase10, BS15b, SGY15, Zhu17]. **Obituary** [Ano17b, Ano19, Cze11]. **Object** [BC17, CYW+11]. **objective** [KB10, WM19]. **Objectivity** [SM17, Fed13]. **obliteration** [McC14]. **obscure** [RMA12, The17b]. **observation** [Tod14]. **observational** [DGD19]. **observations** [KHR+19]. **observatories** [SÁV18]. **observed** [Pra19b]. **obsolescence** [SMY15, SML16, WZCC19]. **Obstacles** [Wad16, Wad17]. **obtained** [Cam11]. **occur** [LS17b]. **occurrence** [BHH18, LSS15, LSS16, LM16, LCIADG19, QDY14, SL10, ZLH+15]. **Ocean** [Bel13, SH15c, WTM+16, Vil10]. **Oceanography** [SP12a]. **October** [Ano11]. **odyssey** [HC15a]. **oeuvres** [RCN+14]. **off** [FRPP17, LHLH19]. **Office** [ACT18, Bel13]. **offices** [Wad16, Wad17, Wad18]. **Offshore** [SL17]. **often** [BHM16]. **OIC** [KJ14]. **oil** [FP18, ZLH+15]. **OLAP** [LJMF15]. **old** [FMM16, HA17a, MM16]. **older** [LS16]. **OLED** [hHC15, HC14b]. **Olle** [Ano12c]. **omitted** [FMM15b, FMM16]. **Oncology** [BCC+17, RLW14, SMM+19, SG10, YSD11]. **Oncotarget** [GFK+18]. **One** [BVZV16, hHSL19, dB12, BM12a, HC16a, HA17a, HB18b, Ley18, SRW18, Vin12a, dW15, BHDI18]. **ones** [ADD11d, Har16b]. **Online** [FZQ17, GP15, KCT+17, CYT+12, CyPP12, HP18, HV18b, LTG12, Mou16, OMA15, VSK18, WST14, ZZZC16]. **only** [dB12, EdS19, Fan13b]. **Ontology** [DLL+16b, LSC10, DLL+16a]. **ontology-based** [LSC10, DLL+16a]. **Open** [FL16, GOPG13, JN15, LP18a, LPB14, Wra16a, Wra16b, AOFU10, Asa19, Ase10, BND11, BWD12, Cop19a, DGGBDG17, EdS19, Fuk17, GFC18, GRSFV17a, GBDG19, GWA14, HAG+16, HPS19, Hen19, Hen20, JMM18, KPJT14, KVC15, Laa14, LL16, MA19, Mik17, OMLC15, PB18, PTMT11, PP16, Sni16, SE18, yTwTlW19, VZAMG19, WLMF15a, WLF15, WLMF15b, WZCC19, YXW18, ZW18a, ZW14, ZW17c, Zhu17, MSB18, PROG19, ZW19].

open-access [YXW18]. **OpenCitations** [HPS19]. **Opening** [RRLNAG15, Sku19]. **openings** [CÖT16b]. **openness** [Cop19a, DLL+16b]. **operational** [Lee10a]. **operations** [ZAJ19]. **operator** [Yu15]. **ophthalmology** [ON12]. **Opinion** [GM13, Bue15, Fan11, LF12b, Sob11, YSM+19]. **opinions** [BH15]. **Opportunities** [ZLL+15, KPL19, MP15, TBMM18, WPCG13, WMH+17, YK12]. **opportunity** [KGL+14, KGY+17, LKS+14, LL19]. **Opthof** [Hir19b, Pra12a, WvEvL+11a]. **Optimal** [LGD12, Luo12, PRSB16, GRSFV19b, Lev15, SY16a]. **optimization** [HEH18, KCP11, RJ14, ZCL15]. **optimization-based** [ZCL15]. **optimize** [BD13]. **optoelectronic** [SHR+10]. **optoelectronics** [Lam12]. **OR/MS** [CCLL14]. **Orange** [HFC11]. **ORCIDs** [YCPS17]. **order** [ADR13, CA12, CB11, Egg11a, GA18, JX13, MBSB17, Ora17, Pra13, Pra19d, The19a, TSG13, Wal16]. **Ordinatio** [PKR15, dCPRP18]. **organic** [AATBPAB15b, hHC15, WH16, ZXH10]. **organisation** [BL15]. **organisational** [CGC18]. **organisations** [GBM+16]. **Organization** [Har13a, CP12b, DCY+17, HEH18, HFL14, KdBBK15, Ley11b, YC12, dSF13]. **Organizational** [GLÚGML16, VHG+15, uHBK19, BK15, BSvEK13, BS13b, FK16, GRSFV14a, GSE+18, KFKS15, LVHS+15, LZ14, RGCM14, VDV16, ZCZ+16]. **Organizations** [LOPAGS19, Ano16c, BvdB14, CLMN19, MK18, WKK16]. **organized** [LWB18b]. **organizing** [dSAEE15]. **orientation** [BH17a, Won19]. **Orientations** [VNA16]. **oriented** [CMRC15, CFM15, FYC15, LSS15, LSS16, aSTS17, YZW+17, ZSC18]. **Origin** [MLT+14, MB14, PCR18, Vel12]. **original** [DBO+18, DF15, MBR+13, PFL19]. **origins** [AMMT16, RLW14]. **ornithology** [YWG14]. **orphans** [Jon10]. **orthopaedic** [SdJDD19]. **Oswaldo** [STCRPA18]. **other** [ASPF+16, BHKP11, BBJS16, BBL17b, BTL19, ES16a, Egg11c, EMH+10, dCPF14, GK18, GdOdAG+13, GdA14, MRGT18, Mor19, OM11, Pra17a, SM17, SN10, The16, Tod11, Zhu17, dAG13]. **Othmer** [Tom18]. **outcome** [VNA16, YIK+10]. **outcomes** [BF17, ZYNZ18]. **outdated** [Van12]. **outlier** [Glä13, KGY+17, YK12]. **outliers** [GPSM18, Pra14b]. **outlines** [GBM+16]. **output** [AAG14, ACHVH10, AJdMA10, AJCACRdMA16, ALvH19, BYR13, BBVO10, BM11, CRZGVQMA15, DB19, EN17, EGUB12, FMPP10, FM11d, FGMM12, FLB19, GRTPMLAJ19, pGSyW+19, GCGP10, GRSFV+12b, GK14, GSKM17, GYZ15, GHA+16, GKV11, GB12, GHA+15, Hir05, Hir10, HB17b, ILP13, ILBG14, JL18a, JL19, JKSK15, KG10a, KKBW17, KHK13, KBZS15, LLCL11, LKW+16, LGS18, MM14a, MBL18, Med15, MT15, MGB16, MMA18, MAGBBM13, Mue16, NP11, OM11, Pan14, PSZ15, PS16a, PSB+17, PL17, Pra11c, Pra18e, RASP13, San12c, SB15, SW19a, SK18, SY16b, SZAJS14, TLSH14, Van14, WLDW12, WTM+16, WM17, YCL+13b, Yur15, ZGCRVQ18, ZHG16, ZL18b, ZZ11, ZM16, ZP16, vLvWW16].

output/growth [JL18a, JL19]. **outputs** [ACC+16, APYS13, BDE11, COS11b, GP18a, HH10, ILP11, Sal17, YCPS17, vZ13]. **outstanding** [PLWS14, QZL+17]. **over-citation** [BL17a]. **over-competitive** [Fan11, LF12b]. **Overall** [GRSFV11]. **overcome** [MBT16]. **overconfidence** [CdMCdMMdP17]. **overestimating** [LXWC17]. **overhaul** [Rou12b]. **Overlapping** [XLZ+18, HGH17a]. **overlaps** [HC19]. **overlay** [HZL+17, LKR14]. **Overlaying** [YDJ12]. **overshadow** [Gus19]. **overshadowed** [HSXL14]. **Overturning** [OCCSM11]. **Overview** [MPS+18, OGRMOP19, RGdCMM17, ABGS14, BMP+14, DMB17, DGPL15, Gau17, LG16, MB16a, OMJLVSN19, WvE13, ZB15]. **own** [BPVM11, LNMQRR15, Pra11d]. **own-toward** [Pra11d]. **owned** [CD14]. **oxidative** [WH12]. **OzCHI** [MAA17].

P2V [ZZL19]. **Pacific** [HTHB11, HIC12, WLZ+15]. **PACIS** [CST11]. **package** [HBA19]. **Pact** [KBL15]. **page** [KBT14]. **PageRank** [CCLL14, PPM+17, RR17, Yan14, ZMW+18]. **pages** [BIL15]. **pair** [OKK14]. **paired** [VHH16]. **pairs** [HC16a, YK15]. **pairwise** [KKL14, RKT+15]. **Pakistan** [BHB13, BY13, BYR13, FAI+18, MR10]. **palm** [AAG14]. **pan** [Li14]. **pandemic** [PP11]. **panel** [CSC13, CSC14, HWS18, RGLE16, ZG17b]. **panels** [GWG17]. **Paper** [Ano12a, Ano12b, BH18b, BL13, BB17b, CRR14, Egg10d, Egg14a, GM13, GBMA14, HA19, HO19, HYC15, JYW11, LCS+16, OL11, PYW18, PC18, PLWS14, Pra11c, Pra16b, Pra17a, Pra19b, RCJ18, WLM15, WSC16, XGCK19, ZZL+10, ZZL19, ZZD+18, ZZZ+12, dS17b]. **paper-reviewer** [ZZD+18]. **Papers** [Ioa06, MSYW12, ATK17, AA18, ANOdFC12, Ano10, Ano15, Ano18b, ABM19, ANA18, ALvH19, AND19, BHDI18, BSMD11, Bor16, BWdMA17, BL18, BYY18, BHH18, BT19a, BB17b, CGG19, CWH11, DLGP16, DX17, Egg11d, Egg11f, FMS17, FE14, FE16a, FE16b, FMM14, Fuk17, GRSFV19a, GF17, GXC+19, Hag10a, HM18, Har16b, HB17a, HLC17, wH15, Hud16, ILGZ+14, IMSK14, JTZ14, KO18, LL13a, Lee19b, LHG16a, LT10b, LS15, Ley12, LPL16, LRY18, LRZ13, LHW16, LF12a, Liu13, LF17, LNK+14a, LNK+14b, MC10, MHC+15, MC12, MAGBBM13, MTA+18, MAA18, NPT+15, NA18, Ort16, PKR15, PJB+12, PTMT10, PCRMCB+18, Per10, PD10, PLWS14, Pra12a, RMA12, RG12, Sak19, SSAG16, San12a, San12d, SRW18, SL10, SCLC15, The19b, TC11, TC13, ULFRU+14, WYY11, WFH+16, XXL+17, YY14, YLL15a, YXW18, YYLW14, ZYZ14]. **papers** [ZG17c, ZWW+18, ZMW+18, ZLTY18, ZLLL19, ZXLX14, dSD17, dSBC17]. **para** [Pet18a]. **para-scientific** [Pet18a]. **paradigm** [BS19, FE14, MB10a, MB13, PLGC18]. **paradigms** [PLG19]. **paradise** [DF15]. **paradox** [BLA16, HRC13]. **paragraph** [KWM+18]. **parallel** [Ho16, LLGW13, ZG17f]. **parameter** [DW18, MBSB17, MZE19, Pra14b]. **parameter-free** [DW18]. **parameters** [CC13]. **parametric** [LBA19, Van10]. **paratext** [SMAABJ11]. **Pareto** [Aus14b, vZ13]. **Park** [Hu11, Hun12]. **Parkinson** [Kos14]. **parks** [DVMS17, FLM16, MTT15, vWBS+16]. **part**

[GTMRE+19, Sch11b, ZG17d, ZG17e, HAJ12, KPS12, LF12b, PKSG12, TC13]. **Participation** [HMCD+19, LOPAGS19, VCC12, GRSFV17a, KP12b, OA10a, OA10b, The18d, YZB18]. **Participations** [LVHS+15]. **particles** [CRLMRPA10]. **particularly** [vRvLV11]. **partner** [AhOL14, ZT18, ZT19]. **partners** [CLO18, SK18, YHL+18]. **partnership** [Cab13, CLJH12, dBONM+19, Rou12a, SOBM16, Sch12b, Soo10a]. **parts** [WHZ14]. **past** [BHPVdPMR18, FAI+18, Li19, MMOMALC16, OFP16, Par14a, SMF18, ZTC15, dCdSNB15]. **Patent** [ACT18, BVZV16, BRS+16, CS11b, HY19, LZL10, Mar11, NF13, NA12, OI17, QZZ17, SPS14, SCL12, WZX11, YLL+15c, YYS+10, ZZ14, ATYL17, AAV13, Bak17, BAB13, BK10, BM13a, BM13b, BM15, CGV12, CD16b, CWL10, Cha17a, Cha18b, CC10a, CLHH10, CJW10, CC10b, Che11, CC12b, CF14, CLW+19, CKCK10, CMM17, CKB+14, DMM17, ÉMS+13, FM12, FLB19, Fuk16, GGR11, GM12, Gom19, GP18a, HM18, HV18a, HFL14, HSWC13, HYC15, HSK17, HW10, Hur17, JYW11, JBC19, qJnShPL17, KM17b, KCK14, KL17, KB13, KK17, LLC+17, LKS+14, LK17, LPMK17, LS17b, LL19, LZZ+12, LZZ+13, LKR14, Ley15b, LKY17, LYWSV13, LHCH18, LCFC14, LS19a, MP15, MVS10, Mes11, MDG10, Moe10, MG12, MM15a, MYP19, NSKO15, Nii17, Ort11, PYK12, PYK13, PY14, PJY17, PLJ18, RKT+15, Sch11a, Shi14, SWCH14, SYLC17, Wad16]. **patent** [Wad17, Wad18, WhCL10, WPCG13, WRV14, WLD+14, WRC+19, WY12, YK14, YK15, YSY+13, YK11, YK12, YPK13, Yos13, YS14, YLH+17, YLJ+17, ZGL14, ZYF+17, ZyZZ+11, ZZZ+12, ZyZZ+14, ZZZ+14, ZZP+14b, ZHZY19, dPSS18]. **patent-related** [KB13]. **patented** [ACMP13, HDW+15]. **patenting** [FLZ17, FWFM18, Fin11, GGG14, GS12, KG10b, KTT11, LM10, LSR13, MB10b, Men18, PS13, dSSdMAF14, SWH14a, SWH14b, WS10]. **Patents** [CSC13, LAHH15, MdFdA+14, AHP17, BD12a, BK10, BM13a, BM13b, BT15, CPV14, CD14, CG11, CS11a, CHY13, CSC14, CK14, CL17a, CYK+11, Com15, FS10, FI16, GM12, GZ11, HFC11, HC19, JS15, KB13, KKK+14, KPY16, LGR17, LVSL18, LL10, Lee10b, LS17a, Liu13, LZC17, NA12, Ort11, QZZD18, RR17, SHB14, Shi14, SCL12, SD18, TB19b, WRM17, WLY14, YG18, YCK11, YST12, Yos13, ZPG+14, ZFY+17, ZQH+17, ZYNZ18, vR17, vPD13]. **Path** [EMSH16, Yur18b, HLLT14, KGSS16, KS18, LGPC18, LLH19, LL13b, Pen19, SL16, Won13, YKLK14]. **path-dependencies** [KGSS16]. **pathogens** [TYWZ12]. **paths** [ÁRM13, FSLR10, GHA+16, KS18, ML16]. **pathway** [WG12]. **pathways** [HZQ+17, MP15, ZZP+14b]. **PATSTAT** [LVSL18]. **pattern** [Che18a, Che20, GKF17, GZ17, HD17, KC12, LZZ+12, SSS+11, WLR+14, ZZPG14, ZYT+16, dSF13]. **Patterns** [BKRG13, LL15, Siv16b, ADM14, AHP17, AML17, BASL16, Bre13, BGJB16, CÖT15, CLLZ15, CJC13, CF14, Chi15, CRAJdMACÁ15, CH13b, CRLMRPA10, DX17, ESB15, EOS12, ELP11, FYC15, FMP17a, GHS18, HJM+13, HC16b, HYS18, Hur17, IA19, JC19, JS15, KCK14, KK19, KdBBK15, KEP+18, LSCK12, LZZ+13, Li17, LC18, LCC12, LDG17, NHLL17, Ole12, OKCPS17, ÖS17, Ort11,

ONB17, Oze12b, OKK14, PAL13, PR10, PSY+19, RRBA10, RRSA18, RP17b, RPK18, RHGKD16, Sak19, SS10c, SV19, Soo10a, Soo19, TS11a, TP11, UMK14, US10, VuHL10, WLN+14, WFS16, WYB+17, YL12, ZY15, Med18]. **Paula** [Etz13b]. **pay** [Mik17, TV17, Wra16a, Wra16b]. **pay-walls** [Mik17]. **pays** [SGY15, SE18, XG18]. **peace** [PFDL17]. **pediatrics** [ABSF+19, MRS+16]. **Peer** [ADV10, ADR19, Fan11, LF12b, PS10, AD11a, ADD11a, ACD13, ANFF16, AND19, BD16a, BFS17, BGJ+16, BGBS18, BSFCC15, BCJ+17, BS15c, Bor12, BHJD12, BH15, BF17, CGG+17, CPRSFVG19, Cop18, DGD19, DFS14, Fed13, FLM+19, FT19, GRSFV17a, GRSFV17b, GPSM18, GWG17, HG10, HH19, HS17, JOGC17, JPZ+10, KBAK17, KPRT16, KTRP17, MPY+13, MS18a, Moo15, MFF+16, MKHB13b, ND16, Ort17, PG14a, PTMT11, RMCM13, Rig13, RCJ18, RT17, Sak19, SB17, SBM17, SC13, VE14, WV13, WvEvL+11a, ZS18, dZLwC+15]. **peer-review** [ACD13, GRSFV17b, JPZ+10, KBAK17, KPRT16, Ort17]. **peer-reviewed** [BSFCC15, MS18a, Moo15, Sak19]. **peer-to-peer** [BCJ+17]. **peers** [GW10b]. **Peirce** [PMN16]. **penalty** [LHTL18]. **Pennants** [Whi18]. **people** [Lor10]. **perceived** [VSS12]. **percentage** [Pra19g, Sch15c]. **percentage-valued** [Sch15c]. **percentile** [Pra12b, YY16]. **percentiles** [BM14b, Sch13a]. **perception** [AGLNRR14]. **perception-based** [AGLNRR14]. **Perceptions** [JX13, BTNS14, ZCKZ16]. **perfect** [Osó18]. **Perfectionism** [SKM15]. **perform** [BTL19, MDFGAM14]. **Performance** [LYGQ12, Pra18d, AJSN18, ARK+15, ADS10a, ADS10b, ADV10, ACD11, ADD11c, AD11b, ADS11, ADC12, ADV13, ADR14a, ADD14b, ACD15, AÇA+14, ACORC10, AS18b, BKZ+16, BBCP14, BHB13, BHA15, BBSS16a, BBSS16b, BBSS16c, BGÖ+13, BW10, BS17, CGZ10, CMT18, CLHH10, CC10b, CSC12, CC12a, CC12b, CHC13, hCcTmWH15, CRZGVQdMA16, CRMPRS18, CC11b, CR18, CAS16, DR10b, DLM15, DGWZ13, Doc11a, Doc11b, DC17, DGDGSV15, ES18, EES13, EHK12, FZZ+12a, GRSFV+13, Glä13, GTD14, GW10b, GC10, GW15b, GNS+15, GNHT18, Hal14, HH15b, HH10, HC16b, HSWC13, HDC13, HCS+15, HDW+15, ILB13, Ibr18, IL14a, JKMS17, KA13, Kaz14, KDFL14, KLL14, Kim19b, Lee10a, LSCK12, Lee19a, LL12, LZCZ18, MvdH13, MLVJ12, OCJB15, APFR+13, Ort17, OCCSM11, PPK+16, PPM+17, Pra10d, Pra11d, Pra12c, Pra12d, Pra16b, PB12, RRLNAG15, RGGBV16]. **performance** [Ric15, Rod16, RPK16, RPK17, RD13, Sah16, SND19, Sch13a, SPS14, SZZC18, SDS14a, SV19, SPdSM16, SK11, SVCFI14, THAL15, Tu19, TBT19, VB12, Van14, VASNU+19, VHG+15, VAJCC17, WYvE11, WYH10, WLC17, WH12, YLY+14, ZCL15, ZW17a, ZT18, ZT19, ZTRH18, ZHMX14, Zyc10, vLCCMV13, vR12, vdBS16]. **performance-based** [ACD11, HH10, SV19, Van14]. **performances** [CFM15]. **performers** [FLM16, Kwi18]. **performing** [GBM+16]. **period** [ADC12, ABGS14, BGÖ+13, BMP+14, CJY+15, IPIU13, KKE13, Lee10b, RV18a, RV18b, SAPR18, SZAJS14, TBW+12, ULFRU+14, ZZ15]. **periodical** [GTC16]. **periodicals** [SFNO12]. **periodontists** [BMM14]. **periphery** [Cho12, FKRS14, KLM16, SS10c, Zel12]. **perish**

[Ben11, GVS17, NPT+15]. **permanence** [LAL15]. **permeability** [BTNS14]. **Persian** [Moe16b]. **persistence** [CNPG17]. **Persistent** [LS16, ÖS17]. **persisting** [vAvdWvdB12]. **person** [BB17b]. **Personal** [WHS19, LWL17, MBA13, McC18]. **personalities** [Har15b]. **personalities-the** [Har15b]. **Personality** [BB17b]. **Personalizing** [BB17b]. **Perspective** [NH14, AAG14, BYR13, BAB13, BKRG13, BBVO10, BS11, BZBLP16, BSKB17, BSPL19, CL11, CB11, FFR+17, GZ18, GZM15, HMK+12, HSXL14, HYC15, HS17, KSSB13, KZSZ19, KPJ16, KMP+11b, KvES11, KM18c, Li15, Li19, Lin18, LGH+14, LZL10, MS18a, MCLL17, MB16a, MGMW14, MMAHS10, NA18, PM18, PMJF19, Pra19a, SRF16, The12, WHC+13, WBX18, WS13b, XTZ15, XBD+18, YQW13, YYS+10, YHL+18, ZCL15, ZCZ+16, ZW17b, ZW17c, ZZZ+12, ZyZZ+14, ZZZ+14]. **perspectives** [Ano16b, CLW+19, DG16, HH18, LAHH15, SS16, SRP13, Wan16, WW11]. **Persson** [Ano12c]. **pertaining** [ADM19, SHS15]. **pervasive** [ZW11]. **perverse** [CLD13]. **Ph.D.** [SR16, SK17]. **pharmaceutical** [CC10a, CSC13, PR14]. **pharmaceuticals** [Mes11]. **pharmacoeconomic** [GK19]. **pharmacological** [GVGSEPRC15]. **pharmacology** [BL10, DGWZ13]. **pharmacology/pharmacy** [DGWZ13]. **Pharmacy** [RGdCMM17, DGWZ13]. **phase** [KGY+17]. **Phases** [Suo14]. **PhD** [BN10, Bre10, BL11b, Bre13, BN14, CGZ10, Hag10a, KKCG18, KKE13, Lar12]. **PhDs** [ÖS17, Sin18]. **phenolic** [ATCCAAB19]. **phenomena** [RPP18, WW11]. **phenomenon** [HW10, KK13, LY12, WZS12, ZWHH13, vAvdWvdB12]. **Pheonix** [AAG14]. **pheromone** [RASP13]. **Philippines** [NA14, Vin12b]. **Philosophy** [Wil15, WB15, APPS15, MGMY+18, Pet18a, Pol16b, Wra14]. **phoenix** [HA17b, Har16d, HA17a]. **phosphate** [HLLT14]. **phosphorus** [GCLcG15]. **photovoltaic** [JCCC13, LLC+17, LAHH15, Wu14, dPSS18]. **Physica** [BHDI18]. **Physical** [SDS19, DLM15, ZW18a, LHW16]. **physicists** [Dya17a, Dya17b, ZCKZ16]. **Physics** [BND11, Mat13, CRLMRPA10, GBMB10, GW10a, JK19, KMS16, KM17a, LRZ13, MSYW12, MSdBC16, Pri15, Pri16a, Pri16b, SPB18, SJ19, TH19, Web16, ZZY19, ZXLX14, ZL15b, dACdFC18, BHJD12, Tom17, ZXT+19]. **Physiological** [LV12]. **physiology** [PV15, Fie15a]. **picture** [AAV13]. **pilot** [AYS+13, Cha18b, FLM16]. **piloting** [JH16]. **Pinski** [Pra19e]. **pitfalls** [SMM+19]. **place** [Asu19, Ben12, Hud17, Pra10e]. **places** [Cam14, Egg14a]. **plagiarism** [GREL14, Jar16, JTZ14, ZLZ19]. **planning** [KKK+14, MT12b, PHL17, YLL10, YK11, YPK13, dCdSNB15]. **plant** [Jon10, KNK+19, PS15, dSD18a]. **plants** [SSdOS17]. **plate** [MB13]. **platforms** [OMOR13b, SMM+19]. **play** [Chi14, KCU19, WLY14, Zuc10]. **players** [BSB12, SK11]. **playground** [Bai18]. **Playing** [SHB14]. **plea** [Har13a]. **PLOS** [dW15, BHDI18]. **plot** [Pra19f]. **Plots** [BH18b, Cam17, Cam17]. **PlumX** [Ort18, TSRGG17]. **plus** [HB18b]. **PNAS** [DAYY18]. **pneumococcal** [CSR+18]. **point** [Har17, HTHB11, MB16a].

Poland [KKL14, KK19, KR17a]. **Policies** [ABSF+19, HSX+15, Laa14, LOMLPA+17, Shu17, dS17a]. **Policy** [BHM16, HYS18, Ahr17, Ano16b, BDE11, Bou14a, BS19, CRBRG+18, CIL+16, CZ18, DLL+16a, DSM11, Dem18, DKS18, EdS19, GFC18, GHS18, GP18a, GKS16, HB17a, HRH10, HSXL14, ILP11, JSZIZ13, KK19, LKW+16, MC13, MS16b, Pou12, SM16b, VPM16, Vin18, Waa13, WF17, ZL18b, ZCZ+16, ZY19, ZB12]. **policy-makers** [JSZIZ13]. **policy-related** [BHM16, HB17a]. **policymaking** [FLB19]. **Polish** [Kol12, Kos15]. **Politécnica** [HMCD+19]. **Political** [CA18, Hen18, Chi14, Chi15, Gan12, KP12b, MOA16b, NvLvR10, Sak19]. **pollution** [LWR+17, YYS+10]. **polyangiitis** [ARE+18]. **polymer** [CYK+11, Pra14c]. **polyrepresentation** [AF15a, AF15b]. **poor** [GHS18]. **Popular** [TH13, RMA12]. **popularity** [Aus14b, HF19]. **populated** [Ort15]. **population** [LSR13, Ort15, SM15]. **portfolio** [CFM15, LLC+17, LKY17, SRGMF15, dART+17, dCPRP18]. **portfolios** [Luo12, RJ14, Sch11a, SK12, TTC17, ZP15]. **portrait** [Jac18, TM12]. **Portugal** [BCC+17]. **position** [CRR14, GP18b, MSL11, MT13b, Pei19, Puu10, dMALIM14]. **Positioning** [URU10b, CH15, FM11a, Koz15]. **positions** [CLL+17, Pac19, Sch17a]. **Positive** [Bal12, Fan13b]. **possible** [ADS10a, DKS18, Ley15a, VB12, ZHL19]. **possibly** [XGL+19]. **Post** [BIH17, BTNS14, JW18, CA19, JKMS17, LA19, Pra18d, ZTP18a, ZTP18b]. **post-communist** [JKMS17, Pra18d]. **post-doctoral** [ZTP18a, ZTP18b]. **Post-interdisciplinary** [BTNS14]. **post-Soviet** [LA19]. **postdoctoral** [BBVO10]. **posteriori** [GSTD11]. **postmodern** [HLE10]. **postulate** [DGGBDG17]. **potential** [CF14, DGDGSV15, FMM13b, JX13, JMM18, LS19b, MP15, MKP16, PLJ18, SA17, SL12a, TCH+15, ZQH+17]. **Power** [Brz15, Sch17a, AJSN18, BS15a, CNPG17, DXL+12, FMP17a, GRSFVCP19, GGP14, GYZ15, KNK+19, Lee19b, Lin11, Pra19e, RPK18, SCGZSL+13, SLISC17]. **power-law** [Lin11]. **power-weakness** [Pra19e]. **powers** [SH18]. **pp** [Ho16]. **PPP** [SZD16]. **practicable** [BM14a]. **practice** [BMZ+17, Bur14, Din14, DJWS11, ER12, FE14, Kha13a, Kha13b, LCFC14, Paj15, PW17, TKA17, Zhu17]. **practices** [BM12b, DY18, GZM15, JX13, YB14]. **pragmatic** [Har13a]. **pragmatics** [Ing12, LX19]. **Prathap** [BBSS16c, BB17a]. **precaution** [SCL12]. **precautions** [YSND17]. **precise** [CPY13]. **predatory** [Fra17, LMKG19, PIB18, WP18]. **predict** [Bar17b, BF17, FA10, GP13, GW10a, GHA+16, Kis11a, NTM+18, PMN16, Rig13, SA17, WhCL10, WM17, WFZD19a, WWC19]. **predictability** [KKS+17]. **predicted** [HL15, HK12]. **Predicting** [AMI18, BGJB16, FLB11, JKPL18, JL18a, Kos18b, Lee19a, MJHG13, MPH19, MKHB15a, MKHB15b, BSK18, SI17, SLXD15, JL19]. **Prediction** [CXZ19, ÉMS+13, Bou11, CGC18, CU16, DAMC15, DXL+18, GZGAC16, GZGAC17, GR14, KD19, KJES16, LD16, NZL+19, PLWS14, PLGC18, YYLW14, ZGJ18]. **Predictive** [Lee19b]. **predictor** [BT15]. **predicts**

[ADR19, Fox17]. **Preface** [GW16, GMS10, Tsa12, CFM18, GSB18, MS15a]. **prefer** [vRW18]. **preferable** [ADD10]. **preference** [ANZ15, Ric15, SC10, WAT16, ZLLL19]. **preferences** [GRSFVdMA14, LF14b, OBG11, SW19b]. **preferential** [SL16, ZZFD16]. **preferred** [HBA19]. **prefix** [Han15]. **preliminary** [AR18, Har13d, Sma11, Wra14]. **premier** [LHM+11]. **premium** [Cop19a]. **preprint** [The18a]. **pres** [GBDG19]. **Prescribed** [BM12b]. **presence** [Doc12, OMR14, RAM18, SK14b, ZCW14]. **present** [Par14a, TG16, ZWW+16]. **presentation** [HO19]. **presentations** [Ano11]. **presented** [CWH11]. **President** [AM18]. **presidential** [Par14b]. **press** [BH17b]. **Presses** [MRGT18]. **pressures** [BGBS18]. **prestige** [FSSPG+15, GRSFV11, GRSFV12a, GRSFV+12b, SZZC18, YWZ+17]. **prestigious** [LSE+18]. **prevalence** [RV18a, RV18b, ZW18a]. **Price** [AH11, Ano12c, Ano14, Ano17a, CXZ19, Dan19, Egg10c, KL16, BS15b, SA16, De 13, Wra10]. **primarily** [Cha19b]. **primary** [ZYNZ18]. **primordial** [Cab18]. **PRIN** [Zin16]. **prince** [ZLF18, vRW18, EG18, SSZL18]. **princes** [TVA17]. **Principal** [CC13, KKLP18, Ste19]. **principle** [Bor14, Cha16, MB13]. **principles** [BH16a]. **print** [Mou16]. **print-online** [Mou16]. **printed** [KCK14]. **printing** [HZQ+17, LKP11, LP18b, ZLLD19]. **prior** [LYWSV13, Wad16, Wad17]. **priori** [GSTD11]. **priorities** [RHMH17]. **Priority** [ND16, HHK+12, LGR17, LVSL18, NH14, SAPR18]. **private** [ADS10a, BD12a, Com15, Mor16, dMALIM14]. **Prize** [BOS14, CMT18, CÖT15, MSYW12, SBB16, Bjø19, GW10a, Har13d, HR17, MSYW12, TA17, YGD17]. **prize-winning** [SBB16]. **prizes** [GW10a]. **pro** [GHS18]. **pro-poor** [GHS18]. **probabilistic** [JC12]. **probabilities** [MRGT13]. **Probability** [RNB19, CMT18, EC16, GRSFV19a, LHG16b, WLD+14]. **probe** [XGL+19]. **Probing** [YR10]. **probiotics** [VGPdlC+17]. **Problem** [Soó14b, GKF17, Har15b, HO19, Pau10, TA14a, ZZPG14]. **problematic** [HH19, Lin18]. **Problems** [Egg11d, GRSFV17a, HT18]. **procedure** [Bre10, IB15, MNdF16, YK14]. **procedures** [BH15, HH19]. **Proceedings** [BI10b, Bar17b, HSBW10, ILGZ+14, MF14, SFNO12]. **process** [BND11, Bur14, FT19, HS17, KBAK17, KdBBK15, LZB10, LWIB16, LZC17, LOMLPA+17, MGM+17, MDDG17, MHM12b, OH19, WZCC19, WG10, ZYF+17, Zuc10]. **processes** [Ano17d, BH16a, BN10, Cha17b, CyPP12, Ley15a, YL10, dCdAMB19]. **processing** [BS15b, PB18]. **Produce** [CHY13, BWdMA17]. **producers** [NSC13, SKM15]. **produces** [The17b]. **producing** [HBA19]. **Product** [MDDG17, ADV10, Fuk19]. **product-level** [Fuk19]. **Production** [RPSA17, ACF+17, AATBPAB15a, ÁBV+14, ACAGD+17, BVB13, BSFCC15, Bra12a, BDC+12, CSR+18, Cav16, CVC14, CH13b, CRLMRPA10, CFdC+14, CDdS+12, Das16, ES16a, EW15, EGU10, FP18, dCPF14, Fin11, FKRS14, FM12, FZZ+12b, GGR11, GSMT10, GC10, GdA14, HR11, IBL13, IL14a, JCCC13, JvGH10, MC10, MD18, NJ10, NH14, OM11, PPK+16,

PEPUT15, PFPCM+19, Pra10d, RGdCMM17, RCdJ+14, Sch14c, Sch17b, Soo18, TBS15, Tol12, YC10, YZ17, dAG13, dJC15]. **productive** [ADD11d, BL11b, GdOdAG+13, HAJ12, KPS12, MS13, RV18a, RV18b, SAR19]. **Productivity** [BT19b, DRS14, KHK13, ADD11d, ADR13, AD14, AER+14, ACS18, ACRC17, ÁCCG+15, AA10, Bar17a, Bas10, Bas14, Ben15, BS15c, BA15, CMUdF15, CVC14, CÖT16a, CKT17, CC10a, CHY13, CHL10, CÖT16b, CMVP16, DKS18, DJWS11, Fuk14, Gan12, GNS+15, GKS18, HH15b, HCL14, Ibr18, IMHG12, IMH13, IJF16, JSZIZ13, JZL10, KFB18, Kwi18, KKT+18, LVGV+11, LPC17, LRC19, LLCL11, LT16, LD16, Lor10, Lun19, Mat13, MR18a, MB16b, NA14, OO12, dFPYdCL12, PRRC15, PPK+16, Pra18e, PKSG12, Puu10, RGdCMM17, SC18, SH15b, Sin18, SJOC18, SM14, SDS19, Soo10a, Soo14a, Sot10, SK14a, SK14b, Tor13, Tor14, TBT19, VO17, Vin12b, Wal15, Wal16, WLZ+15, YGD17, ZGL14, dOM16, vAvdWvdB12]. **products** [ADD14a]. **Professional** [LWB16, BM12b, CB11, DMB17, FMS17, HMI19, JX13, Puu10, RRL16, TKA17, WOW13]. **professional-based** [DMB17]. **professionals** [GAPP18]. **professions** [DMB17]. **professor** [MM18, MM19]. **professorial** [GG15b]. **professors** [Hos11, LVGV+11, PRA16a, ZTP18a, ZTP18b]. **Profile** [LGH+14, Car16, EBR16, GK14, Hen19, Hen20, LSM+15, MJC14, Oli15b, RGdCMM17, SLD+17, VH17, dSF13]. **Profiles** [VO17, DFG+18, GT18, Li17, Pir19, SM12, SPdSM16, VAJCC17]. **profiling** [CLkS11, MJC12, PMJF19, TDG17]. **Profitability** [CKCK10, CC10a]. **Program** [CFdC+14, SA12, TBB+16, YPH10, vEW10, WTM+16]. **programme** [SBSR19, OA10c]. **Programmes** [BM11, OA10a, OA10b, OPGW+13]. **programs** [BR12, HIC12, IF13, PYL16, SLD+17, SJOC18, Yur18c, LVHS+15]. **Progress** [Ho16, LLGW13, DSG+15, GKB+19, MAA18, Nar12, RR17]. **Progressive** [San12d, MV19, San12a]. **project** [BH16a, GBM+16, GKB+19, KM15a, Luo12, dZLwC+15, Zin16]. **projects** [ABL17, ALvH19, BM11, LdZwC+17, SR16, TCT+13, Zin16]. **prolific** [PRA16a, Pra10a]. **prologue** [ZTC15]. **Prominent** [CH13a]. **promise** [HM15a, HM15b]. **promising** [MAGBBM13, WF17, YKCK13, ÖS17]. **promote** [MTT15]. **promoted** [SDS19]. **Promoting** [aSTS17, aSS17, WBX+17]. **promotion** [Bor16, GCGP10, Hos11, Per18, YZ17]. **promotions** [MM18, MM19]. **Proof** [HM15b, HM15a]. **propagating** [WG10]. **propensity** [CJC13, CFdC+14, MD12, EC16]. **properly** [Koz15]. **Properties** [vR12, Ama15, Coc18, FSSPG+15, Glä10, Gom19, Saa10, SBA+19, Zit11]. **property** [ACD14, CO10, PNVCB18, YCK11]. **property-function** [YCK11]. **proportions** [The18c]. **Proposal** [OMOR13a, VEJC+18a, BCJ+17, BM14b, BM14a, BSK18, HP10, MARMSG19, Mou16]. **Proposals** [FM11d, Pra11c, BB15, HRB+13, HRB+14]. **proposed** [Bre10, FT19, KHVGA+16, LWT16, PKR15]. **proposing** [DCM16].

proposition [Sah16]. **Pros** [Dem18]. **Prospective** [RWG+15]. **prospects** [DH13a, ZWW+15, ZWW+16]. **protection** [CO10]. **proteomics** [TFH14]. **Protocol** [CIL+16]. **proton** [CYK+11]. **prototype** [Moo15]. **provide** [AAV13, GRSFV19b, TSG13]. **provided** [LvI10, MCR+12, SM16a]. **providers** [Ort18]. **province** [GC10, JJR10]. **province-level** [GC10]. **Proving** [MCvFP16]. **provisional** [CC16]. **Proximity** [FFL16, SL16, Fie15b, Fie15a, LC12]. **proxy** [ADD10]. **PSTR** [CSC14]. **psychiatric** [LR12a, MCL+11]. **Psychiatry** [MDFGAM14, BL10, SS14]. **Psychological** [GWBSVWB13, LA19, VSK18]. **psychologists** [DJWS11, FK16, Kor18]. **psychology** [uHBK19, uHBLKH19, BVB13, BSvEK13, Ben19, Bru10, GBB15, GBGB13, HH17a, HH17b, HH17d, KB11c, KFKS15, Kra10, KvES11, KWW15, Kra16, NvLvR10, SLGO17, Vin12b, ZTP18b, ZTP18a]. **Public** [CRZGVQMA15, Mor16, SÁV18, Wil15, ADS10a, ABMSSP16, ABSF+19, AC12, BR12, BHJD12, CRZGVQdMA16, CFM15, CAS16, CZ18, FSAB10, Fuk19, GSMT10, GMM16, HRH10, Hun12, Kon12, LSCK12, LOMLPA+17, MC10, MC13, OROMAA16, QA18, SMLHCP17, SFBS17, SWH14a, SWH14b, TBS15, WDP11, dJC15]. **Public-private** [Mor16, ADS10a]. **Publication** [DMB17, DC15b, FM12, GZ11, GZM15, GBDG19, KSSB13, KEP+18, MLY+14, MHTB17, Ole12, Soo14a, TG17, WB15, ADC12, ADD16, Abt12, ALH15, AML17, Asu19, BHS14, Bas11, BB19, Ber18, BSK15, BND11, BHL18, BC13b, BZBLP16, Boy17b, Bur12, Bur14, Chi15, CRAJdMACÁ15, CA19, CH15, DGF17, ESB15, Egg11e, Egg11f, EOS12, Fuk17, pGSyW+19, GRSFVCP19, GHT16, GBHT16, Hag10b, Hal14, HS16a, HK12, HJM+13, Hou17, HB17b, IFT+18, JKMS17, KFB18, KK19, KPRT16, KTRP17, KWW15, LvI10, Lee10a, MSYW12, MM14a, MR15, MB14, Mat13, MR18a, MS14, MNdF16, MT13b, MHC14, Mue18, OVJM17, OCCSM11, PKR15, PAL13, Puu10, RAA18, RCN+14, Sak19, San12b, San12c, SND19, SBT18, SFR+19, SV19, SPdSM16, SW19b, SSG+18, Tur16, TBB+16, WWH+17, WT15, Won19, YGD17, YY14]. **publication** [YDJ12, YL12, ZL18b, ZYF+17, ZP15, ZTP18a, ZTP18b]. **publication-citation** [Bur14]. **publication-level** [CA19]. **Publications** [CAV+19, HH15c, IFH15, ATJ16, ADS16, AD16, ADR19, AC13, Asu19, BI14, BSG17, Bas13, BBP14, BSMD11, Bor15b, Bor18, BHL18, BPVM11, BC17, BL17b, CGV12, CA18, CXWW18, CRMdMA15, CPF18, CB11, Das16, DWGL16, Dor17, DKS18, EDEH16, Fan19, FM17, Gau17, GMJ+17, GD11, GZ11, GHT17, GALR16, GB14b, GSE+18, GB12, HC14a, HHBB18, He13, HPKS18, HL18, HH17c, HH19, HR17, HLW19, IPIU13, IQT+19, IH14, JG12, JG14, Kim14, Kis11b, KPJT14, KWW15, Kra16, KPY16, LL13a, LCC12, LF14a, LXL15, Liu16, LXL16, LOPAGS19, Lor10, LABL13, LA19, LPZ17, MH16a, MC10, MVS10, MAA+11, MH16b, Man15, Mik17, MCB15, NvLvR10, OFP16, Osó18, PY19, PV15, PROG19, Pra19g, Pri16a, QRJ+17, RRRGVD19, SH19, SA11, SBD+19, Sch12a, Sch17a, SLISC17, SZAS16]. **publications**

[SK18, Shi14, SLH18, SM15, Soo11a, Soo17, Soo18, Sot12, SD18, TBMM18, Tri10, VSS12, VCC12, VE14, VG17, Vin17, WP18, WCK+12, WMXZ14, WTG15, WFZD19a, WFZD19b, WZFD19, WL18, WS10, WS13a, XYHD18, YWL16, YP19, ZCW14, ZKD11, ZPG+14, ZYNZ18, ZW18a, ZWZ+19, ZZY19, ZLH+16, ZZFD16, KK15, vEW17, Wra16a, ZWX22]. **publicity** [Fan13a]. **Publish** [GVS17, NPT+15, Ben11, BPVM11, BC13b, BL11b, DR10b, LNMQRR15, San18, YP19]. **published** [ABMRVZ14, ABMSSP16, ABSF+19, uHBLKH19, BWD10, BSMD11, BM12a, BHH18, BT19a, CVD14, CHL10, CH12, DGD19, EdS19, Fuk17, HW12, LL16, LRY18, LHM+11, LNK+14a, LNK+14b, PD10, RM18, San13, TB19a, TA11, VVN16, WLF15, WM17, YXW18, YJ11, ZG13a]. **publisher** [Asa19, GFC18, TSRGCCJC14]. **publishers** [GRSFVCP19, Laa14, MRGT18, SLGO17]. **Publishing** [SW19b, ASPF+16, Ben15, CKT17, CRR14, CRLMLM17, FEHC19, GRSFV14a, GVS17, HE16, KTLD16, KHA17, KG10b, LHG16b, MRGT13, Mêg13a, Mêg13b, Mêg13c, Mik17, Mou16, PB18, PIB18, Puu10, PML14, SC10, ZL15b, ZB15, Zhu17]. **Publons** [Ort17]. **PubMed** [BC17, EDEH16, HZD+15, IFT+18, BMM14]. **Purpose** [SJ10]. **purposes** [Ano16d, BI18a, dSD18b, dSD18c]. **pursuit** [DTM+13].

Q [GLM11]. **Q-measures** [GLM11]. **Quadruple** [LPL14, Par14b]. **Quadruple-Helix** [LPL14]. **Qual** [CC12a]. **Qualifying** [HH15b, LHLH19]. **Qualitative** [ÁBV+14, MnaeR+15, Pen19, AA19, BFHS18, dCPF14, GdA14, HNG19, KBZS15, MAGSTRC15, Wan16, dAG13, dCPRP18]. **qualitatively** [Rya16]. **qualities** [dB12]. **Quality** [BH17b, BB17b, CL13, Moo15, PDAN19, Sal17, Abb11, ADD10, AR18, AAB+13, Ano16b, ANFF16, ASW18, BKZ+16, BKL15, BR11, BS15b, BH17a, CGPT15, CKCK10, Cla15, DLL+16b, ERW12, EdS19, GRSFV14b, GKB+19, HJL18, Hau16, HS17, KM15d, KB11a, KKL14, Lia11, LCY14, Lyk18, MS18a, MGLZ10, MZ14, MOO17, MPM18, NCG+19, PS16a, Pra11d, Pra12d, Pra19g, RZ12, Ric17, SP14, SZMS18, SL17, Sch16, SA16, SDP+19, VEJC+18a, Wal15, Wal16, WhCL10, WXZ+16, WAT16, WS10, ZYZ14]. **quantification** [Cha18a, UCH19]. **quantify** [Hir05, Hir10, Hir19a]. **Quantifying** [Arb11, ANFF16, CBWJ18, MHKB16, OFP16, SGSS17, ZP16, AAH10, Cab14, GSKM17, SS10a]. **quantitation** [WOW10]. **Quantitative** [FSO11, GB17b, Pen19, ÁBV+14, AA19, BFHS18, CLO18, DRMMC19, FSOS12, GF17, GB12, HLSC18, HWS18, HYYL12, HLY14, ISR11, KZC16, KBZS15, LWL17, LDVSGDR16, MPY+13, MnaeR+15, MRGT13, MFF+16, Oli15b, SFNO12, WWP14, Wan16, WBX18, YKCK13, Yos13, dCdSNB15]. **quantitatively** [Rya16]. **Quantity** [dB12, GF17, GKB+19, KM15d, Pra11d, Pra12d, TYWZ12, Wal15, Wal16, WS10]. **quantophrenia** [Etz13a]. **quantum** [FG15]. **quartile** [GRSFVMB12, LHG16b, MGC19]. **Quasity** [Pra11d, Pra12d]. **Quebec** [OBG11, LVGV+11]. **query** [MAA+11, RNM18]. **quest** [YSM+19]. **question** [DdlPPL+19]. **Questionable** [Che15].

Questioning [FCCMTRVR18]. **questionnaire** [BN14]. **questionnaire-based** [BN14]. **questions** [CP16]. **quickly** [TC11, TC13]. **Quintuple** [YYP17]. **quo** [Pol16a].

R [HBA19]. **R&D** [ZT19, AChO19, BGAAM15, CO10, CHY13, CC13, DR10a, FLB19, GC10, HMK+12, HFC11, Hun12, qJnShPL17, JSZIZ13, KKK+14, LLC+17, LPMK17, LdZwC+17, Luo12, MT15, PY14, Par15, PHL17, PS13, Pir19, QDK19, SL17, TYYW16, TW18, Van14, WT14, mYqS15, YPH10, YLL10, YK11, YPK13, ZT18, ZG17f]. **R&I** [Ano16b]. **rabies** [SR15]. **race** [BSB12, HJM+13, MT13b]. **Radiation** [SMM+19, Hal13]. **radio** [HW10]. **Radiology** [LV11, GR16, KBAK17]. **radius** [San12c]. **railway** [ZZ14]. **Rainbow** [SSG+18]. **Ramanujacharyulu** [Pra19e]. **Randić** [Egg10e]. **random** [Egg11b, GR14, HJM+13]. **randomized** [KCT+17]. **Rank** [GNVQdMAG11, PG12, ADD18b, ADD+15, BHA15, BIL15, CB11, Egg11a, PKR15, RGCM14, SP12a, Sch14a, SYDW19, Wu13, YR10, AMFLH15]. **rank-order** [Egg11a]. **ranked** [ICC16, KHK13, Pra19g]. **Ranking** [dSAEE15, BVOL18, BD10a, Bor14, GRSFV+12b, IB15, KM15d, Laz10, SKM15, WZFD19, WLZ+15, ZZFD16, AOFU10, AÇA+14, Aus13, BIL15, BBSS16a, BBSS16b, BBSS16c, Bel17, BBV10, ÇAAÇ15, CC11b, DH13b, DMV10, Doc11a, Doc11b, Doc12, Doc13, DC14, DC15a, DEC15, DB16, EBD15, FL16, FGP13, GRSS16, GRSFV11, GSTD11, HG10, HM15a, HM15b, JBMR11, JSZ13, JJS+12, KR17a, LB12, Li18, LRS+18, LdZwC+17, LIdMAM11, NASR11, OCM+12, PB17a, Pra12b, Pra16b, QRJ+17, RPGM16, Saf19, SND19, SAR19, SSG+18, TSMTDLCH11, VHH16, VPM16, XLR15, YWZ+17, BG18, FCCMTRVR18]. **Rankings** [MHC14, Saf19, ADS10b, ADV10, ADD11a, ABILO10, BR11, BGR19, BSFW10, BG17, BD13, hCyL12, CPF13, DCGZ+12, DMV10, Fra14, Fre14, GE11, Joh18, KHA17, KKV+13, MSdBC16, Mat12, Moe17, Pie18, PS16b, RGTSLCH14, RGCM14, RTP17, Saf13, SM16b, TYYW16, ZZZ+14, dMALIM14, vRvLV11]. **ranks** [ADD11d, ADM14, JX13]. **rapidly** [YK11]. **rare** [AP16, FR11, JS15, MK19]. **rate** [CLHH10, EdS19, LvI10, MRS+16, Rou18, SBT18, Sch10b]. **rater** [JOGC17]. **rates** [ACP12, DD18, KBAK17, Lee19b, LABL13, MB15, RMH14, Sch11b, SL12b, TC13]. **rather** [AL12]. **rating** [ILP11, KKS+17, LR12a]. **ratio** [Ber18, LHW16, Pra19e, YZB18, YR10, Yur18a]. **Rational** [Sol06]. **rationale** [Egg13b]. **rationality** [McC14]. **ratios** [BL17a, MV19, XTZ15]. **RC** [AAH10]. **RC-index** [AAH10]. **RCN** [KM16]. **Re** [CS11a, CLW+19, PW17]. **Re-examine** [CS11a, CLW+19]. **re-use** [PW17]. **reach** [SL17]. **reaction** [MHKB16]. **Readability** [LY16a, HC16a]. **reader** [ATK17, The17a]. **readers** [KY17, The18b, The18f]. **readership** [Ask18, Eld19, HPKS18, SGG+14]. **readership-based** [Ask18]. **reading** [GBMB10, Har16a, Har16c, OKCPS17]. **reads** [CB19, Eld19]. **ready** [HA17a]. **real** [Ama15, LABL13, PIB18]. **reality** [HHA+16]. **realized** [PD10]. **really** [BSMD11, Cam18, Joh18, Mar11, MS13, Par15, Rig13, Saf13].

realm [CRMdMA15]. **realms** [SM17]. **realtimely** [WWX13]. **reasoning** [LdZwC+17, dZLwC+15]. **Reasons** [HTHB11, PZ17, WBX18, HV18b]. **reassessment** [HIC12]. **Rebuttal** [Ho16]. **rec** [LFBI19]. **rec-index** [LFBI19]. **receive** [AC13, Fan13b, GRSFV16b, HV18b, SRW18]. **received** [Asu19, Egg10d, XGL+19]. **Receiving** [Sha12, WPCG13]. **Reception** [Dan14, COT15, MHFB17]. **Recipient** [Dan19]. **recipients** [PPK+16]. **reciprocity** [DFS14]. **reclassifications** [WSH16]. **Recognition** [BRS+16, ABGS14, BCT19, BYY18, CMT18, EG18, Li14, SSZL18]. **recognized** [KHA17, Sot10]. **recombinant** [LL19]. **recombination** [ZHZY19]. **recombine** [Ley18]. **recommend** [YKCK13]. **recommendation** [CjZZ+19, EMSH16, HA19, KC15, KJW+17, WHS19, ZML19, ZZD+18]. **recommendations** [DJWS11]. **recommender** [AI17]. **Recommending** [GR14]. **Reconsidering** [DGGBDG17]. **record** [Gau17, SGN15]. **records** [BC13b, CCM+11, DCS12, Jac18]. **recruiting** [Fox17]. **recruitment** [ADR16a]. **recursive** [WYvE11]. **red** [BHL+10]. **rediscovery** [SSZL18]. **reduce** [KKS+17]. **reduction** [ZZ14]. **redundancy** [IL14b]. **redundant** [Cop19b]. **Redux** [Cab18]. **REF** [Hud16]. **referee** [BWD10, GRSFV16b]. **Reference** [BHL18, CFL12, BTNS14, Cab18, CH15, Egg10c, EHK12, GNVQdMAG11, Kra10, LTG12, LCFC14, MH16b, MB14, Rod17, Sch10a, Sch13b, Yur18a, ZSCR+18, MHTB17]. **reference-based** [Sch10a]. **Referenced** [WB15, Hou17]. **References** [QL12, ATJ16, CGV12, CPV14, COS11b, FK17, FK18, GXC+19, HHBB18, Jac18, JKJL14, KWW15, KN15, LCS+16, Lin11, LH12, MB16a, PYW18, RWG+15, Shi14, The19a, ULFRU+14, WPCG13, XHA+19]. **referencing** [BHH18, LZR14, YL10]. **referential** [LPL16, WLC17]. **referring** [RTP17]. **refined** [CCLL14]. **reflect** [ATK17]. **reflected** [Bor16, JK10a, MSL11, Mor16, SLG10]. **reflecting** [MAA17, Soó14b]. **Reflection** [GY12, Bar11]. **Reflections** [CF18, FMS17, Bha18, Har19a, Jac12]. **reforms** [AZSA14, AZSA16]. **Refrain** [AD16]. **refusals** [Wad18]. **regarding** [ABSF+19, uHBLKH19]. **regime** [CRLMLM17]. **regimes** [Ley13b]. **region** [ADS17a, ADS17b, CdSPdM13, LT10a, MLVJ12, WLZ+15, Moe16b]. **Regional** [Jar10, SP12b, TS11b, ADS12, ACFL11, BBSS16a, BBSS16b, BBSS16c, BB19, BBP14, DCM16, HWL11, HDC13, MC10, MvdH13, Pra16b, QDK19, QA18, RVFEdlM10, RG18, STCRPA18, SL16, TP11, VO17, WM17, WZ19a, ZK19]. **regionalization** [SSdOS17]. **regions** [AZSA14, AZSA16, BPGGdMA12, HGH17b, RY14, SW19a, ZG17f]. **registered** [BL11b, vLvWW16]. **registering** [The18c]. **Registers** [PT17]. **regression** [CSC13, CSC14, LRS+18, Par15, QRJ+17, Yos13, YYLW14]. **regularity** [FM11d, Pra11c]. **regulatory** [dSSdMAF14]. **Rehabilitation** [HHA+16, DMB17, MKYM+17]. **reinforced** [YWZ+17]. **rejected** [BWD10, CGG+17]. **rejecting** [ZQH+17]. **Rejection** [Sch11b, Sch10b]. **rejections** [CGK+14, Oos15]. **Rejoinder** [dSD18c, LO12]. **relate**

[BSvEK13, LABL13, MR18a]. **related** [ASPF+16, BGM17, BHM16, CSR+18, CSC12, CC12b, CH12, HLE10, HHK+12, HB17a, HYYL12, HLY14, HW12, KB13, Kos14, LPMK17, Lee19b, LTGH15, NHY+14, Ort17, PHS12, RPAMR19, San13, SGN15, xShLY+15, SCLC15, tScL13, TABA16, WL14, YJ11, ZGY16, ZXM+16, ZLL+17, ZWW+16, PLW+15]. **relatedness** [ADD17b, Hsi11, JK10b, LLW13, ZYG15, ZG17c]. **relating** [Hos11]. **Relation** [CMT18, HN16, Bak17, DKS18, Egg10b, Egg10d, Egg13b, ER19a, Glä12, GBDG19, HJL18, HBS+19, JN11, KKBW17, MSL11, MPM18, Nii17, SRW+15, WZ17, ZG12b, vR12]. **Relations** [SÁV18, APT13, CY13, Fin11, IL14b, JAAA18, Ley11b, LPL14, LWB18b, PCR18, SGSS17, YSM+19]. **Relationship** [ERW12, GBMA14, IBL13, NA18, dFPYdCL12, ADS11, BHB13, BSS15, BBL17b, BS15b, BAC13, CKPY19, CS11a, CSC14, Cop19a, EMSH16, Fuk14, GD16, GP18b, GMSZ18, HM18, KA13, KG10b, KM12, LAL15, LH12, LTK+18, MA19, Med15, MDG10, NP11, OMR14, Ort11, Ort16, Pra17a, QZZD18, RPK16, RP17b, RPK17, RPK18, RHGKD16, Saf19, San12c, TLSH14, Tsa11, VZAMG19, WQY12, Wol15, YWW17, YST12, ZLF+14, ZSCR+18, dW15]. **Relationships** [BZBLP16, Cam17, CZPR17, CC10b, Chu14, DRMMC19, HCLC14, ILB11, JKSK15, KPSL12, OROMAA16, SN10, VTY17, YPH10]. **Relative** [Dor17, JKJL14, MJC12, RZ12, AvLS14, BLS15, DGWZ13, MV19, Pra19b, SAPR18, SK18, SDS14a, VG11b]. **Relatives** [ADR14b]. **relativity** [FG15]. **released** [ZKD11]. **relevance** [Bel17, GD17, HM15c, LDVSGDR16, SLGO17, Whi10, Whi15]. **relevant** [BM13a, BM13b, Gál17, LP18b, MOA16b, MNdF16, PKR15, ZPG+14]. **reliabilities** [dZLwC+15]. **Reliability** [Ort18, YYL10, Bor18, EO14, HL18, JOGC17]. **Reliability-based** [YYL10]. **reliable** [KB10]. **reliably** [SYDW19]. **remarks** [CB18]. **remember** [Sch14b]. **Remembering** [BS13a]. **remote** [ZLN+13]. **removal** [Egg11b]. **Renewable** [SCGZSL+13, RFGBMA13]. **renewal** [LS17a]. **repeat** [Rou18]. **repeated** [CÖT16a, Oos15]. **repetition** [SI17]. **replaceable** [Bro13]. **Replication** [JTZ14]. **Replies** [LZH+13]. **Reply** [BD16b, BB17a, Pet18b, BH17b, DF15, LM13a, WvEvL+11a, MS16a]. **Report** [BP11, AP14, BI12a, BI12b, GGG+12, LWB16, LTGH15, ANZ15, CC14]. **reporting** [CIL+16]. **reports** [DGD19, GRSFV16b, GRBBS17, JVM17, MBR+13, SSN19, vdBSS18, hHSL19, Jac12, Wad16, Wad17]. **repositories** [AOFU10, CMRC15, CQB16, DCM16, Fan15a, OMLC15, RCCM14]. **repository** [Ban18, SZ15]. **representation** [GCGP10, GT11, GT17, wHwH16, KO19, Mag14b, WW12]. **representations** [LCS+16]. **representative** [ADM19, ARE+18, DGWZ13, ZZFD18b]. **representing** [LGS18]. **reprise** [DL16a]. **Reproducibility** [Doc13]. **reproductive** [BGMB16]. **Republic** [VFA10, Van14]. **republics** [IJF16, JJR10]. **reputable** [KKV+13]. **Reputation** [GPSM18, CB18, HM15c, dFVDU+19, XWL19]. **reputational** [Saf19].

reputations [OMMMTLC17]. **Requirement** [YZW+17]. **Requirement-oriented** [YZW+17]. **requirements** [GVS17]. **requiring** [HO19]. **Rescaling** [Sch15b]. **Research** [ADD11d, Ano16c, ALvH19, Bar17a, BGÖ+13, BS16, CLD13, CHWL12, CYW+11, CLkS11, CXZ19, Cop19b, DVB14, DVB15, DVMS17, DPF+16, EG16, FWFM18, GW15a, pGSyW+19, Glä18, HMCL16, HAJ12, HH10, KPS12, KJ14, KR17b, LLCL11, Lin12, LHC16, LZCZ18, MH15, MLVJ12, Moo15, NA14, OO12, dBONM+19, ONB17, PP18, PM18, PKL+16, PL18, PH14, PKSG12, RASP13, SK18, SDS19, The18a, Tsa11, VASNU+19, VPM16, Vin12b, WYH10, WQY12, WLLL12, WH16, YCL+13b, YSND17, YSD11, ZLG+15, ZKC+16, ZTRH18, dZLwC+15, ZDZ+15, ZCMVQS11, Abb11, AJSN18, ARK+15, ADS10a, ADS10b, ADV10, ACD11, AD11a, ADV11, ADD11b, ADD11a, ADD11c, AD11b, ADS11, ADS12, ADC12, ADR13, ACD13, ADV13, AD14, ADD14a, ADM14, ADD14b, ACD15, AD16, ADD17a, ADD17b, ADD18b, ADD18a, AER+14, ACP12, AA18, AhOL14, AW10, ACS18, AEFP16]. **research** [AKB12, APR19, ACRC17, ABMSSP16, ABSF+19, ATCCAAB19, AATBPAB15b, AMFLH15, AAG14, ÁBDFB19, ÁBV+14, AP16, ALYZ15, AC13, AH11, ABL17, ACC+16, Ano16b, AGLNRR14, APYS13, Asu19, AS18b, ASW18, BD16a, BHB13, BHA15, BY13, BYR13, uHBK19, BHPVdPMR18, BLdlCV17, BFMRM19, BBDS+14, BBJS16, Bas13, BBSS16a, BBSS16b, BBSS16c, BMM17, BFGVV+18, BFS17, BKY+15, BKG16, BPGGdMA12, Ben15, BGJ+16, BH16b, BGM17, Bjø19, BMP+14, BPTG10, BS15c, BS17, BCHH17, BAC13, BGAAM15, BM14a, Bor15a, BHM16, Bor16, BG18, BM19, BS11, Bos10, BDE11, Bou14a, BSK18, BvdB14, BCC+17, BFM+14, BJIB16, BNV11, CFSSP16, CMRC15, Cam12, CV15, CZW13, CRV12, CFL12, CGZ10, Car16, CVC14, CVC+15, CGC18, CFP14, CHL15, CHC17, CZV10, CWJC14, CJY+15, CXpHqZ15, CW17, CLO18]. **research** [CLSW19, CLLH15, CY13, CG18a, CRMdMA15, CRMPRS18, CDCK13, CC13, CL17a, CFS18, CDD15, Cle16, CFM15, CB16, Coc18, CFdC+14, CH15, CL16, CL17b, CÖT16b, CB19, CV14, CIL+16, CZ18, CL13, DSG+15, DLL+16a, DMM13, DFS15, DR10b, DSM11, DNAH15, DLM15, DGWZ13, Doc11a, Doc11b, DC17, DB19, DXL+12, DWGL16, DKS18, DCY+17, DRS14, DJWS11, ES16a, EBR16, EBK16, EC16, ENST16, ES18, FYC15, FL16, Fan11, FAI+18, Fed13, FPS14, FFR16, FRPP17, FdSdO17, FMPP10, FM11d, FGMM12, FMM13b, FSLR10, FZZ+11, FCWH11, FH13, FLH14, Fuk19, Fuk14, GGG14, GG14, GCLcG15, GRSFV+12b, GRSFV+13, GPN14, Gar15, GY12, GD11, GL15, GKK15, GTD14, GBM+16, GZ18, GVGSEPRC15, GALR16, GTGABAG15, GB14b, GGG16a, GW10b, GW15b, GMM16, GHA+16, GNS+15, GR14, GWB11, GKV11, GAGT15]. **research** [GKS16, GKS18, GNHT18, HA19, Ham14, Han11, HJL18, Har13a, HHK+12, HH13, HHZ14, HTHB11, HMCD+19, HMI19, Hir05, Hir10, Ho13a, Ho13b, Ho16, HV18b, HRB+13, HRB+14, HS16b, HN16, HKWC15, HBT16, HTL15, HEH18, HC15b, HC15c, HC17, HSLP14, HZ17, HGH17b, HLSW18, HLW19, HC16b, HSXL14, HC14b, HYYR14, hHC15, HC16c, HH18, Hun12, HP10,

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XZZ15, XCS+16, Xie15, XM13, XBD+18, YLL15a, YZB18, YWS18, YIK+10, YC10, YPH10, YL12, YCL+13a, YHC+15, YLY+14, YZ17, YYP17, YB14, Yu15, YHL+18, ZYSS14, ZSY14, ZXH10, ZJLG10, ZVC11, ZLT+14, jZhLY15, ZXM+16, ZFY+17, ZG17b, ZLL+17, ZW17a, ZG17a, Zha10, ZS11, ZZ11, ZW11, ZZW14, ZLH+16, ZZW16, Zha18, ZWW+15, ZWW+16, ZM16, LX19, ZT14, ZZ15, ZG13c, ZHMX14, ZLH+15, ZH17, ZLN+13, ZTC15, ZL17, dS17a, dSNV18, dMALIM14, dPdCAdMC+16, vLCCMV13, vR12, vWBS+16, vZ13, vdBS16, Bel13, BH16a, BH16b, MKHB15a, CRLMLM17].
Research-driven [VPM16]. **research-group** [MKHB13b].
research-orientation [Won19]. **research-oriented** [CMRC15, FYC15].
Researcher [KKS16, KFB18, WSC16, AML17, BB15, Cab11, Egg11e, Egg11f, Egg13b, GG13, HJL18, JCK11, KA17, LYS+17, LWL17, LNMQRR15, APFR+13, RRLNAG15, RJ14, YY14]. **ResearcherID** [Jac18]. **Researchers** [dSF13, AAH10, AI17, ACHVH10, AGLNRR14, BHB13, BSvEK13, BLS15, BM14b, BBS17, BH18b, CGKB18, COS11a, CC11b, CMVP16, DH13a, Dem18, DC19, ES16b, FM12, FSOS12, HAL11, HBA19, IDKF17, ILP11, JX13, JSZ13, Keg15, KFKS15, KCM19, Kra17, Lev15, LM11, LRWS16, LSM+15, LOMLPA+17, MBA13, MBTKA14, Med15, MCL13, OCM+12, PCR18, PPK+16, PDAN19, RCN+14, RGdCMM17, RLW14, SFBS17, Soo14a, The18c, TH19, VG11a, Vil10, WF18, Wil15, YCPS17, ZW18a, ZP16, ddMS15].
researches [HG17]. **ResearchGate** [AT17, CB18, Cop19b, CB19, Jam17, OMMMTLC17, TK17, YZB18].
Resilience [XM13, QA18]. **resolve** [PG12]. **resource** [BGBS18, LWIB16, LL13b, MRR17, PPI17, SL14]. **resource-based** [LL13b].
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responses [MSP+15]. **responsible** [Ben11]. **rest** [GB14b]. **restless** [GR16].
restrict [CLD13]. **restricted** [ZML19]. **restrictions** [LL16, LP18a].
restructuring [SRGMF15]. **resulting** [Ano11]. **results** [Ano16c, Ano17c, Bel17, Doc13, Fan12, Fan13b, GBM+16, GGS17, GKB+19, GGW+13, HFW+14, ISR11, MC13, MM14c, MKHB15a, MKHB15b, SGN15, VFA10, Van14, VBG+17, WM19]. **Rete** [BHL+10]. **Rete-netzwerk-red** [BHL+10]. **rethink** [Shu17, dS17a]. **Rethinking** [LSL15, Wra10].
retirement [BDE11]. **Retracted** [CXWW18, ANA18, BIH18, dSD17, dSBC17, AZSA14]. **Retraction** [AZSA16, He13, HC17, RV18a, BIH17, JW18, RV18b]. **Retractions** [RV18b, WA18b, DdS19b, EKR19, RV18a]. **Retrieval** [Ano15, Ano18a, AF15a, CFM18, Glä15, KMD+18, KHS+15, LCD+14, MS15a, MS15b, MM15b, OI17, SH19, Whi15, Whi18, Wol15, YSM+19, Zit15, AF15b].
retrieve [MNdF16]. **retroactive** [OMAT19]. **retrospective** [CMPD19, CIL+16, SFR+19, ZXT+19]. **return** [Vel12, Yur18a]. **returnee** [Sin18]. **returnee-PhDs** [Sin18]. **Returns** [CDD15, Sch14c]. **reunification** [AML17]. **reuse** [JKN19]. **Reuters** [Har15b, PA12]. **reveal** [TG18a].

revealed [LZR14, MSDJ19, Rou19, WAT16]. **Revealing** [OMA15]. **revenue** [Asa19]. **Reverse** [KKV+13]. **Reverse-engineering** [KKV+13]. **Review** [FE14, HAG+16, LHW16, MFF+16, Pen19, ADV10, AD11a, ADD11a, ACD13, ADR19, AATBPAB15b, AND19, BD16a, BFS17, BK15, BGJ+16, BGBS18, BCJ+17, Bor12, BHJD12, BH15, BM12b, BF17, CGG+17, CPRSFVG19, CCLL14, Che12, Che18b, Cop18, CZ18, DGD19, DFS14, Fan11, Fan15b, FZQ17, Fed13, FLM+19, FCCMTRVR18, dCPF14, Fox17, FT19, GRSFV17a, GRSFV17b, GGG+11, GPSM18, GKB+19, GdA14, GWG17, Hal13, HPS19, HLC17, HH19, HS17, JKN19, JPZ+10, KBAK17, KHVGA+16, KC15, KVC15, KPRT16, KTRP17, LRY18, LF12b, LTK+19, LLYC14, MPY+13, MPS+18, MKHB13b, NG16, ND16, Ort17, PG14a, PS10, PLBZ18, PTMT11, RMCM13, Rha17, Rig13, RCJ18, RT17, RBBG18, SRGMF15, SB17, SZD16, SBM17, SS15, SC13, SZ18, TAA16, TB19a, WvEvL+11a, WLHZ13, WSL14, YLC18, Yu15, ZL18a, ZLL+15]. **review** [ZZZC16, dZLwC+15, ZDZ+15, Zuc10, dAG13, dCdAMB19, vdBSS18]. **reviewed** [BSFCC15, MS18a, Moo15, Sak19, VE14]. **Reviewer** [Bar17b, SA17, BHJD12, DFS14, GRSFVdMA14, Ort17, ZZD+18, Zuc10, dM10]. **reviewers** [ANFF16, uHBLKH19, Fox17, GRSFV16a, KBAK17, RSGFV18, Sch10b, ZS18]. **Reviewing** [NRAW17, BWD12]. **reviews** [GGP14, HCDT16, HH17a, JOGC17, LDG17, WF18]. **revision** [RCJ18, vL12]. **revisit** [Hu11]. **revisited** [AH11, Egg11a, GGW11, wHwH16, LBGBMA10, Lei16, LBA19, MKHB15b, Pra19e]. **Revisiting** [Bou11, Pra19c, SM12, Sni16, WWL17]. **revitalized** [MS15b]. **revolutions** [De 17, LWB18b]. **rewards** [Shu17, ZS18, dS17a]. **RFID** [HW10, SZAS16]. **rhetorical** [BASL16, RM18]. **rheumatology** [PCRMCB+18]. **rice** [MRN14]. **rich** [RPP18]. **richer** [RPP18]. **Ricker** [BH17b]. **right** [Hei19]. **rights** [CO10, YB14]. **rigor** [HNG19]. **Rise** [KO18, FRF+19, Hen16, KB11c, Meh07]. **rising** [BFHS18, Cho12, DAMC15, NZL+19, ZZW+19b]. **risk** [KFB18, LP18b, MHFB17, MYN+15, dPdCAdMC+16]. **risk-smoothing** [KFB18]. **risks** [MV19]. **river** [VLV14, WXZ+16, SCLC15]. **roadmapping** [ZZPG14, ZZP+14a]. **robot** [Bar17b, LW10]. **robotics** [Coc18, FSOS12, GL15, KK17, MK18]. **Robust** [Fre14, ZYX+14, RNB19]. **ROC** [LD16]. **Role** [BKSS15, Cha18a, ACFL11, Asu19, Chi14, Col17, Glä10, Glä12, GT18, GPSM18, HV18a, HLC17, KCU19, KCM19, Ley15b, Li18, LCWY12, LOMLPA+17, LLHN17, MHM+12a, OFP16, PTMT11, RPGM10, RPDCRVRP15, RC13b, RCCM14, Sma10, TBS15, WXLL12, WHLP16, WBX+17, Zuc10, vLCCMV13, vWBS+16, vdPR18]. **roles** [CLL+17, EMSH16, GAPP18, HLSW18, LZCZ18, ONB17, PML+17, RTP17, STCRPA18, WLY14]. **Romania** [SDS14a]. **Romanian** [ATM16, GLS16, VPM16]. **roots** [BSPL19, EBK16, Hou17, TM12]. **rough** [WYAY12, SDP+19]. **route** [HLLT14]. **routine** [LPL14]. **RPYS** [BHL18, MB14, WB15, CL16]. **RSI** [AvLS14]. **RTRS** [AI17]. **rule** [LdZwC+17, dZLwC+15]. **rule-based** [dZLwC+15]. **rules** [ADD11b, CGKB18]. **Ruling** [WDN17]. **run** [Kos18b]. **Rural** [ZY19, WL14].

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Russian [AS18b, GKS18, MMA18, MPS+18, PHBN+15, PD10, TBB+16].

s [Tei11]. **S&T** [SH15b, BKSS15, De 16b, FKRS14, GB12, ZLLL19]. **s11192-** [dCPF14]. **s11192-016-2142-8** [Glä18]. **s11192-017-2490-z** [Ano18b]. **s11192-017-2506-8** [Ano18b]. **SADC** [Bos10]. **safety** [YIK+10]. **Saharan** [OM11, ZL18a]. **salaries** [San18]. **salient** [ALYZ15]. **salt** [mYqS15]. **Same** [Ano17c, GGS17, ADR14b, BM12a, Che18a, Che20, GCGP10, GRSFV14a, LS19a, YWL16, dOM16]. **sample** [HJM+13, Rya16, SYDW19]. **SAO** [CYK+11, PYK12, WMH+17, WRC+19, YZW+17, YK11, YPK13]. **SAO-based** [YK11, YPK13]. **SAOx** [KPL19]. **Sapere** [DF15]. **SARS** [KM11, TZ15]. **Saudi** [SZMS17, SZMS18, SFM16, SLK12]. **save** [EMSH16]. **SBIR** [ALvH19, ABL17]. **Scale** [Pra19f, ADD11c, AD11b, ACC+16, BS17, BYY18, CCM+11, CNPG17, CJW10, CDD15, CQB16, Egg11c, FEHC19, GG14, GKK15, IF13, KRP19, KKS+17, KTRP17, LLH+16, LGD12, LRA14, NF19, Sch14c, SS15, ZZL19, BS13b]. **scale-dependence** [Egg11c]. **Scale-dependent** [Pra19f]. **scale-invariance** [KRP19]. **scales** [BYY17, Egg10a, Glä10, LR12a, RP17a]. **Scaling** [LSR13, DLL+17, RPK16, RP17b, RPK17]. **Scandinavia** [Siv16a]. **scapegoat** [Zit12]. **scatter** [Pra19f]. **scattering** [BG12, BKRG13]. **scenario** [PB18]. **schemas** [LS19a]. **schemes** [DLMX15, TZG15]. **Scholar** [DLM15, MMOMLC18b, MM17a, OMLC14, GRSFV18, NZL+19, Puu10, SW19b, WYB+17, Agu12, AL12, BI10a, EGU10, Fra10, Gus19, Har13d, Har14b, HA16, Har19b, JN15, MMOMLC18a, Mik10, ML10, MM17b, MOO17, OMCP17, OMLC15, OMAMMLC15, OMAT19, Ort15, SX16, TK17, Wil15, dS18, dWZD14]. **Scholarly** [CTL+19, MRGT13, Mik17, MTU17, Pen19, SMAABJ11, ADR19, ATK17, AR18, BKRG13, BHL+10, BPVM11, Cav15a, CYT+12, hCcTmWH15, Che18b, Che18a, Che20, COS11b, Das16, DL16b, Din14, EW15, GRTPMLAJ19, GRSFV18, GTMRE+16, GTMRE+19, HH13, HII+18, HT14, JK10a, JZL10, Ke13, KHR+19, KPJT14, Laa14, LYS+17, LTG12, LXDL13, LTK+18, MH16b, MRGT18, MMSS11, MM15b, NSC13, RW11, RPP18, SBD+19, SA16, SST+16, SX16, TA11, Tom17, Tom18, UCH19, VHG+15, Wal15, Wal16, WFG16, WFS16, XWL19, XDB+19]. **scholars** [AAH10, Bai18, BT18c, CFG+14, Cha19a, CP12c, CP16, Fra10, RC13a, Saa10, SGM+16, Tol12, YMSQ10, ZYSS14, ZNB+17, ZZFD18a, ZL17, BT18b]. **scholarship** [Cha19a, FL16]. **scholarships** [BSFCC15]. **scholastic** [GSM+16]. **School** [GGH+10, GGG+11, Kim14]. **schools** [Cle16, KDFL14, MOA16a, MS13, SM14, Tol12, URU10b]. **Schubert** [Pen19, Egg10d]. **SCI** [TYWZ12, CHWL12, SZAS16, Shi14, Sot12, WF18]. **SCIE** [AKB+10, ZLH+16]. **SciELO** [MSB18, dART+17]. **Science** [ACF+17, ABMSSP16, Ano10, Ano11, Ard12, BSBG18, Bou14a, CHM15, Cha17b, CXpHqZ15, Che18a, Che20, CD18, CH12, FCWH11, FI16, GAPP18,

Hal14, Har15b, HH15b, Hen18, Ho13b, Hu11, HW12, hHSL19, Hun12, IH14, Jac18, KGSS16, LBCO19, LR12a, LHG16a, Liu19, MH16a, MSB18, MPS+18, MMSS11, MM15b, Nic14, PSY+19, RPK18, Sch17b, SLD+17, Soo10b, TFH14, The18a, TYWZ12, WLDW12, Wil15, WF17, WA18b, ZWW+18, ZSY+13, AF15a, AF15b, ADD17a, ATK17, Ahr17, AR18, AW10, ACORC11, AS18a, dSAEE15, APPF18, APLHF18, Ama16, Ano17c, Ano17d, Ano18c, AGLNRR14, BCML19, BSC+17, BI10b, BHPVdPMR18, BFMRM19, Bas14, BFHS18, Ben12, BSK15, BH16a, BH16b, BCJ+17, BGSvdB11, Bor11, BDE11, BS13b, Cam12, CA18, Cav15b, CVC14, CHL15, Cha18c, Cha19b, Cha19c, Chi14, Chi15]. **science** [CRFM+12, CRBRG+18, CWH11, CG15b, CvLvR11, CDdS+12, DVB14, DVB15, DY18, DRCG17, DVMS17, DXL+18, DGDG13, DLMX15, DW18, EKR19, Etz13b, Fan18, FM17, FLM16, Fie15b, Fie15c, FMP17b, Fra10, Fra17, FEHC19, pGDTP12, GLS16, GG19, GGS17, GXC+19, GKB+19, GB17b, GKV11, GKS16, HG10, HK19, HLE10, HM18, Hei13, HWL11, HG17, HK12, HYC18, HHGZ11, HHDL13, HC12, HSX+15, Hud17, HP10, ILB11, ILB13, IBL13, IS16, JVM17, JC12, JMM19, Jon10, KSSB13, KZSZ19, Kar12, KKLP18, KG10a, KLPP16, Kim10, KK19, Kra16, LL13a, LTM12, LY16a, Lei16, Lev15, LT16, Ley11a, Ley11b, LCR13, LY16b, LRS+18, LLLL18, LYW19, LC18, LPB14, LSM+15, Lin12, LWM+15, cSL10, LOMLPA+17, Lop10, LHBC18, Lun19, LSE+18, MCLL17, MOA16b, MGMY+18, MDG10, MS12, MTT15, MKYM+17, MS16b]. **science** [MAGSTRC15, NG16, NA14, NvLvR10, NHY+14, NLCC17, NH14, OHT10, Oli15a, OGOPPR17, OA10a, PLA10, PAL13, PHBN+15, Pau10, PZ17, Pou10, Pra18b, QRJ+17, QZZ17, RHMH17, RY14, RMCM13, RRBA10, RRSA18, RT17, RS12, RF19, RG18, Sak19, SH15a, SH15b, SBSR19, SS10b, SYP10, aSTS17, Sil13, SUP15, Sin18, Sma10, Sma11, Soo17, Soo18, Soó11b, SK12, Soó14b, SK14a, SMM15, TLSH14, TW16, yT11, yT15, TT13, USPO15, UMK14, US10, VH17, VNA16, Veu10, Vin18, Waa13, WW12, WWL17, WW15, WYvE11, WG11, Whi10, WAT16, WT15, WG10, WG12, Won13, WB15, Wra18, XTZ15, XGY+16, YDZ10, YL12, YYDH12, YGW+15, YYP17, You14, Zel12, ZVC11, ZZPG14, ZW18a, Zha10, ZG12b, ZG13b, ZYT+16, ZM16, ZG10, ZY15, ZYS16, ZB12, dSF13, AT18, AZKR13, ÁBMB17, AL12]. **Science** [BI10b, BBDS+14, BBJS16, Cam18, DBO+18, DNAH15, Don17, DGGBDG17, Fra10, FLH14, FGP13, GRSFV+14c, GY12, Gau17, GK18, GBM+16, GZM15, HA16, Har19b, HB17a, HHBB18, HBA19, Ho14, HSPY15, IWK18, IFH15, Jac12, JK19, JZL10, LvI10, LCR13, LRY18, LLG14, LL12, MdBdP+19, MMOMLC18a, MB15, MF14, Mik10, ML10, MMA18, MPH16, OMAT19, PHDC16, PB17b, RAM18, RCETS19, RPK18, SLG10, Sot10, SDS14b, VASNU+19, VBTK19, WFS16, Wil15, XHA+19, YJ11, ZCL14, ZHL19, ZLL19, dWZD14, CMPD19, DAYY18, Emm19, FH16, KA17, LHW16, MH16a, SRW+15, WvBvE11, Waa13]. **science-based** [HK19, SBSR19, Won13]. **science-related** [HLE10]. **Science-technology-industry** [WF17]. **science/technology** [HM18]. **Sciences** [EOS12, Har13c, Kim14, KHK13, Mik10, OE15, VE14, ADR13,

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Mêg13b, MAP13, MMA18, MPH16, dANR15, OMAT19, PhD18, VBTK19]. **score** [CFdC+14, CB18, GRSFV11, GGG16b, KPY16, MD12, dFVDU+19, ZCL14, CB19, MSC18]. **scores** [ALH15, Bar17b, BYY17, BYY18, CSO17, Doc12, Egg10a, Fox17, Glä10, Pra19b, OMMMTLC17]. **scrutiny** [Ano16c]. **SCSs** [DLMX15]. **Search** [Har16d, HG13, Wad16, Wad17, APYS13, Bel17, BM15, DGF17, Gus19, HGH17a, HSPY15, JDH12, Jun12, KM18a, KK17, LL19, MMOMALC16, Med18, MM15a, Mue18, MM15b, RNM18, Saf13, SGN15, ST14c, VG14, ZLL19, vdBBdK16]. **search-term** [RNM18]. **Searching** [BNV11, Eto13, Hsi11, SH19, Wad16, Wad17, YSND17]. **Second** [Pra13, Pra19d, CA12, GA18, MBSB17, TSG13, dSFSF15]. **second-generation** [dSFSF15]. **Second-order** [Pra19d, CA12, MBSB17, TSG13]. **secondary** [SB19]. **secrets** [ZLL19]. **section** [HP10, JTZ14]. **sectional** [BN10, BL11b, qJnShPL17, OO12, VEJC+18b]. **Sections** [HA19, KKCG18, The19a]. **Sections-based** [HA19]. **sector** [Com15, GGG14, KHJ+12, SMLHCP17, SBT18, ZM16, dMALIM14]. **Sectoral** [CdJD15, GL15, Lan13, Lee10b, Fuk16, SdJDD19]. **sectors** [Hur17, PY14, SN10]. **securities** [YLC18]. **security** [AAS+19, HC16b, MBP19, Oli15b, PFDL17]. **sediment** [NHY+14]. **sediment-related** [NHY+14]. **SEE** [KBZS15]. **Seed** [RCN+14]. **seeing** [Cha19a]. **seeking** [BKRG13]. **seeks** [FB10]. **seemingly** [GRSFV14a]. **seen** [Man15, Mêg13b, WSH16]. **select** [FMM14, Moe10, PKR15, SP12a]. **Selected** [Ano10, Ano11, Ano15, SSAG16, AATBPAB15a, BKZ+16, EN17, JL18a, JL19, KY17, MR10, WG12, ZP15]. **selecting** [ADD14a, BM13a, BM13b, MÁB18]. **selection** [AhOL14, ACRC17, BA15, Cha19a, Egg11d, GRSFV14b, KC12, LMKG19, LdZwC+17, PTMT10, RNM18, YK14, dZLwC+15]. **selections** [WM19]. **Selective** [OMOR13b, BRS+16, LRY18]. **Selectivity** [KB11b, KB12, PS10]. **Self** [BCT19, CvLB10, LV11, MRS+16, dSAEE15, BK11, CPY13, EG18, Gál17, GREL14, GSOLHO19, Har12, HEH18, KdBBK15, Laa14, LP18a, Leb12, LWB18b, LH12, SBT18, SAR19, Tod14, WG10, YK14, dS17b, LV12]. **self-archiving** [Laa14, LP18a]. **Self-citation** [LV11, MRS+16, BK11, CPY13, EG18, Gál17, SBT18, dS17b, LV12]. **Self-citations** [CvLB10, GSOLHO19, Har12, Leb12, LH12, SAR19]. **Self-esteem** [BCT19]. **self-observation** [Tod14]. **self-organization** [HEH18, KdBBK15]. **self-organized** [LWB18b]. **self-organizing** [dSAEE15]. **self-plagiarism** [GREL14]. **self-propagating** [WG10]. **self-selection** [YK14]. **self-symbolizing** [BCT19]. **Semantic** [CDM18, HYF+17, MVS10, PK14, ZLZ19, BCC+17, EMSS16, FZZ17, GM12, GGW+13, HH15a, HQY+18, KWM+18, MM15a, PYK12, RPAMR19, Var11, VG14, WLLL12, WK17, WMH+17, WRC+19, WP17, WK15, YK11, YK12, ZZPG14, ZZP+14a, ZSC18]. **semantic-based** [WLLL12, ZSC18]. **semi** [CMVP16, CLB13, GMJ+17, ZLLD19]. **semi-automatic** [GMJ+17]. **semi-nonparametric** [CMVP16]. **semi-supervised** [CLB13, ZLLD19].

semiautomatic [MM15a]. **semiconductor** [CSC12, CKCK10]. **seminal** [CH15, HPKS18]. **sending** [Har13b]. **Senegal** [Mêg13c]. **senior** [MS13]. **seniority** [Zhu17]. **sense** [CPV14, CZV10, pGDTP12, Kor18]. **sensing** [ZLN+13]. **sensitive** [AT18, DB16, Soó14b]. **sensitivity** [ADV10]. **sensitized** [WLR+14, ZZP+14a]. **sensor** [KHR+19, PR10]. **sensor-based** [KHR+19]. **sentence** [Mag14b]. **Sentences** [Sch14b, TL18]. **sentiment** [IA19]. **sentiments** [Sma11]. **Seoul** [Kim14]. **separation** [KM12]. **September** [KGB+18]. **Sequence** [BYY17, Egg10e]. **sequences** [Pra11a, XLR15]. **Sequential** [Ora17]. **Serbia** [IH14, IFH15]. **Serbian** [SIR+14, SIS17]. **series** [ADM19, BSG17, Bas11, BOS14, FCTV12, MD18, Pen19, TSRGCCJC14, XGY+16]. **series-based** [MD18]. **service** [Jac18, KK17, ZG13c]. **services** [Dor17, MMSS11, YLY+14]. **SERVQUAL** [SDP+19]. **set** [RC13a, SvLVA19, Vin17, WYAY12]. **sets** [BM13a, BM13b, Boy17b, MRR17, Pra14a, SSG+18, ZAJ19]. **setting** [HS16b]. **settings** [MBSB17, OVJM17]. **seven** [ILGZ+14, NBR+11]. **several** [BM12a, BTL19]. **Severe** [vRvLV11]. **Sex** [LVGV+11, LRWS16, RLW14, SM17]. **sex/gender** [SM17]. **sexual** [VASNU+19]. **Shafer** [WLPH14]. **Shanghai** [Doc11a, BBV10, DMV10, Doc11b, Doc13, DC14, DC15a, DEC15, FCCMTRVR18, KZSZ19]. **shapes** [Etz13b, KK19]. **Shaping** [LSY11, OA10c, AAV13]. **Shapley** [Tol12]. **share** [ADV10, MGC19]. **shared** [Vil10]. **shareholder** [ML16]. **sharing** [GPN10, Hag10b, LF12a, PW17, PSY+19]. **shift** [BWdMA17, BS19, MB13]. **shifted** [ER12]. **shifts** [CDM18, Li16, PLGC18, RY14, VGPdlC+17]. **shoreline** [Pra19f]. **Short** [Fie15c]. **Should** [BBV10, BM14a, LIdMAM11]. **shoulders** [Lar12, MMOMALC16, QZL+17]. **show** [Joh18]. **showing** [BL11b, Egg10c]. **shrimp** [DMM13]. **SICRIS** [Rod16]. **side** [OMLC15, Zit11]. **sides** [dOM16]. **SIF** [XLR15, XLR15]. **SIF-** [XLR15]. **SIF-indicator** [XLR15]. **signal** [MZ14, WPCG13]. **signals** [YK12]. **significance** [Cam14, Egg14a, PRDG17, Sch15a, Wu18, Ye14]. **significant** [LHWW14]. **significantly** [CNPG17, Pan14, Yur16a]. **silicon** [YCK11]. **silicon-based** [YCK11]. **Silva** [BI18a, CF18]. **similarities** [BL17b, CA12, MBSB17, Moe10, MM15a, PYK12, TSG13]. **similarity** [Cab11, Geo17, GN19, GHvdB12, MVS10, MBSB17, MG12, RKZK18, RPAMR19, RKT+15, RC13b, SS10b, Sch10a, Sch13b, ST14a, TL18, WK17, WRC+19, Zhe19, ZRY+12, ZZFD16]. **similarity-preferential** [ZZFD16]. **simple** [AC13, BBL17b, BM14a, CV15, GGP14, Hal14, HR15, Pen19, Pra17a]. **simulated** [Ley15a]. **Simulating** [Ano17d, HBT16]. **simulation** [Ahr17, DGPL15, FLM+19, GDP16, IL14b, Mue18, MKF14, PG14a, WXZ+16, WG11, CGG+17]. **Simulations** [Sob11, Sch16]. **simultaneous** [LW15]. **sin** [DF15]. **since** [KBL15, ML18, MH15]. **Singapore** [Hor18, PP18, Pra18a]. **Single** [Pra14b, BSMD11, BH18b, BL17b, Egg10d, Egg11e, Egg11f, Har16b, HBA19, NPT+15, SB17, TBMM18, Tur16, YWL16]. **single-** [NPT+15]. **Sino** [YYP17]. **Site** [LGL10, Ort15]. **sites** [WZ19b].

situated [SMCC18]. **situation** [CRAJdMACÁ15, PYW18, SMY15]. **six** [Abt17, Fox17, GRG12, SM16b, WWL17, Yur18c]. **Sixty** [AER+14]. **Sixty-four** [AER+14]. **Size** [LAS14, Aus14a, BVZV16, BT15, CC10a, De 13, DC15a, KB11a, LCZ17, LSR13, OMAMMLC15, PDAN19, RP17a, SY16a, SYDW19, Vin17, Wra10, vdBBdK16]. **size-independent** [PDAN19]. **sizeable** [GP15]. **sizes** [Gus19, LABL13, RP17b]. **SJR** [GNVQdMAG11]. **skewness** [ACORC11]. **skills** [SB19]. **Sky** [CZV10, ZVC11]. **skyline** [Pra19f]. **skyline-shoreline** [Pra19f]. **sleep** [GR16]. **Sleeping** [DRCG17, HH17d, ON12, ZXZ17, ZLF18, vR17, CL16, DW18, Fan18, Fan19, HH17b, HY19, LY12, Li14, LY16b, EG18, GR16, SSZL18, TVA17, vRW18]. **sliding** [HC14b]. **slippery** [Paj15]. **Sloan** [CZV10, ZVC11]. **slope** [Paj15]. **Slovak** [CFP14]. **Slovenia** [BBDS+14, KLM16]. **Slovenian** [KKLP17, KMFD12]. **Slow** [MHFB17]. **sludge** [ZLT+14]. **Small** [ALvH19, ZWHH13, Fie15c, GS12, HW10, LGL10, UMK14, ZGL14]. **Small-world** [ZWHH13]. **Smart** [ISL18, Li19, xShLY+15]. **SME** [YKCK13]. **SMEs** [LKS+14]. **smooth** [CSC14]. **smoothing** [KFB18]. **SNA** [MB19]. **SNIP** [Moe16a]. **snub** [TA17]. **Social** [AMMT16, CGG+17, EOS12, GB14a, Har13c, Kha13a, Kha13b, KHR+19, LL12, MB19, MHC+15, OE15, RTP17, SDS14b, VE14, WZW15, YB14, ATM16, BD12a, BDF+17, BTNS14, Cab11, CSO17, Cha13, CLL+17, Cha19c, hCcTmWH15, CLLH15, CD18, Chi14, CRMdMA15, CyPP12, CV14, DGDG13, DCY+17, Dya14, ENST16, EGU10, FMP17a, FSC14, GW15a, GD17, GXC+19, GF11, GSE+18, HG10, HIG+17, Hen16, Hen18, Ho14, HZ17, HYYL12, HLY14, Hud17, JYM+16, JL18b, JMM19, KC12, KLPP16, KP12b, KEP+18, KM18c, Lev15, LZFW15, LL15, Lin18, LZC17, LXH+18, MLC14, MH16b, MRGT13, MARMSG19, MBTKA14, MCvFP16, MGGdP17, NTM+18, OMOR13b, Ort15, OBG11, Paj15, PFDL17, PLA10, Pau10, PLBZ18, PEFP13, Pol16a, RG12, SMM+19, SND19, SYP10, Sin18, SL12a, Siv16b, SRF16, SJOC18, SM17, SMY15, Soo17, SVS18, SW19b]. **social** [SST+16, TA14b, VO17, WLMF15a, WLMF15b, WFG16, WKK16, Wra16a, Wra16b, WZ19b, XTZ15, YQX10, ZHG16, ZW17a, ZW17b, The18a, MH16a]. **socialization** [BK15]. **socially** [SMCC18]. **societal** [BM14a, BHM16, BH17a, JH16]. **Societies** [CGG+17]. **Society** [GGH+14, LV12, LOPAGS19, SSAG16, SÁV18, yTmShL16]. **socio** [KMP+11b, MMAHS10, ML13, XM13]. **socio-cognitive** [ML13]. **socio-ecological** [XM13]. **socio-economic** [MMAHS10]. **socio-technical** [KMP+11b]. **socioeconomic** [CRZGVQMA15, PML+17]. **socioeconomics** [BF17]. **sociologists** [ACS18, Kor18]. **sociology** [Kor19, MHC14, Var11]. **Söderlund** [LSL15, MS16a]. **soft** [WYAY12]. **Software** [HPS19, RRRGVD19, vEW10, CL16, Fer14, Gar15, GF17, GWA14, ICC16, KLCS14, MPM18, PYH16, VCC12, ZW17c, dSdSSB16]. **soil** [NA14, ZDZ+15]. **solar** [DXL+12, FLZ17, HDC13, JCCC13, LZZ+13, LLW13, MnaeR+15, Pra14c, WLR+14, Wu14, YKCK13, YCK11, ZZP+14a, ZYG15, ZG17c]. **solid** [LFLG14, YCL+13a, YCL+13b]. **solidarity** [dART+17]. **Solla**

[Ano12c, Ano14, Ano17a, CXZ19, Dan19, KL16]. **solo** [Emm19]. **solution** [PP16, ZZPG14, ZSC18, ZZW+19b]. **solution-oriented** [ZSC18]. **solutions** [CTL+19, HT18, ZHL19]. **solve** [HO19]. **Some** [Bas13, Cam12, Har19a, San13, Whi10, WZ17, BBL17a, Bou14a, Fan13b, GA18, HH10, HV18b, Kar12, McC18, Med15, OCCSM11, OBG11, dSSdMAF14, SVS18, ZG13b, Zit11, dSBC17, ddMS15, vL12, BG18, CRMdMA15, CB11]. **Somes** [CRAJdMACÁ15]. **something** [MSC18]. **sore** [dSM17]. **sorites** [APPS15]. **soundness** [EdS19]. **soundness-only** [EdS19]. **Source** [WvE13, Chi14, GRSFVCP19, GTC16, Har13d, HWLL14, Liu19, MBA13, PK14, SPS14, SLISC17, XYW+17, ZW17c]. **sourced** [LSE+18]. **Sources** [CPV14, HZL+17, LWR+17, LS19a, Ano16d, BG12, BHM16, DRS18, Egg11b, FDVZ16, HPBI+14, HWL11, JN15, LXWC17, Mor19, YLJ+17]. **South** [Kim14, Soo10a, Soo14a, Won13, ADR16b, Bai18, Ban18, Bos10, CdJD15, CP12b, CyPP12, Fed13, FKRS14, HP18, ILP11, ILP13, JKSK15, KP12b, KB18, KCM19, KPSL12, LPZ17, MOA16a, Mat12, Mat13, Moe16b, Par14b, PP18, PM18, PP11, Pou12, PB12, SdJDD19, SS10c, SP12b, Soo10b, Soo11a, Soo17, Soo19, SK14c, Yoo15, ZCKZ16, vWBS+16]. **South-East** [Moe16b]. **Southeast** [BKZ+16, Bar17a]. **southern** [ZCKZ16, Bos10, Pou10]. **Soviet** [LA19]. **Space** [LSC10, ATYL17, BMZ+17, EBR16, GZGAC16, GZGAC17, GHA+16, Hol10, HQY+18, KMS16, KM17a, LM13b, WPW+14, YS13, VDV16]. **Spain** [BPTG10, BGAAM15, MM14c, MB10b, MDFGAM14, RPSA17, SCGZSL+13]. **Spanish** [Ard12, BR12, DCGZ+12, EGU10, FCTV12, GRSFV+12b, GSMT10, ILB13, IBL13, LNMQRR15, MRGT13, MRGT18, MBT16, MCB15, OGOPPR17, OMOR13b, PQG14, RGTSLCH14]. **spans** [MXZ18, WLZ+19]. **sparking** [HR17]. **sparse** [KO19]. **Spatial** [QDK19, ZML19, SdJDD19, Wu13]. **Spatial-temporal** [ZML19]. **speaking** [BSvEK13, CFG+14, GAVZAB12, KWW15, ÖS17, TE18]. **Special** [LHG16a, PC14, Ano15, FR11, GS15, MH16b, RG18, SLGO17]. **Specialization** [ADD17b, MRGT18, Wra14, AvLS14, KPY16, LIdMAM11, PS16a, ZGCRVQ18]. **specialized** [CLLL10]. **specialties** [De 13, HFW+14, Sot12, WWL17, Wra10]. **specialty** [MY16, ML13, Oli15a]. **Species** [Soó14b, MSP+15, NBR+11]. **Specific** [Kol12, CFSSP16, CXpHqZ15, MB15, MKHB13a, MKHB13b, Pie18, PB12]. **specificities** [ACT18]. **specimen** [ACAGD+17]. **Spectroscopy** [WB15, BHL18, CH15, Hou17, MB14, Ter17, MHTB17]. **spectrum** [MRGT13]. **speed** [GPN14, SFR+19, You14, ZZ14]. **spell** [JC11]. **spend** [PS13]. **sphere** [RG18]. **spillover** [QDK19, tScL13]. **spillovers** [ALvH19, Hur17, PHL17, QDK19, WZ19a]. **spin** [FRPP17]. **spin-off** [FRPP17]. **splitting** [dSAEE15, SKCK14]. **sponsored** [Che15, MK18]. **sponsors** [MÁB18]. **sponsorship** [WS11]. **sport** [WTG15]. **spot** [CW17]. **spotlights** [HGH17b]. **spread** [Bue15]. **Spring** [Ibr18, TBT19]. **Springer** [Che18a, Che20, ENA19, SGY15]. **square** [Pra10b]. **Sri** [MR10]. **SSCI** [SZAS16, WF18]. **SSH** [SVS18]. **SSME** [HC15b]. **stability**

[BMD+18, CC14, CFK16, HSW10]. **staff** [BD10b, KS17]. **stage** [BND11, Fan19, JKC15, LKS+14, LHLH19, RKT+15, VO17, WT15, WDP11]. **stages** [HCL14]. **stakeholders** [dCdAMB19]. **stand** [GE11]. **standard** [Cav15a, MT13a]. **standardisation** [Ano16d]. **Standardization** [Kra13, TA14a, BH16a, CLkS11, GRBBS17, HP10]. **standardize** [DDR17]. **standardized** [ADV11]. **standards** [BH16b, Ley13a, RNF19]. **Standing** [QZL+17, BGR19]. **standpoint** [UMK14]. **stands** [TBS15]. **star** [Aus14a, DAMC15, KO18, NZL+19]. **stardom** [ADS17a, ADS17b, FMU16]. **stars** [Cho12, HL15, ZZW+19b]. **State** [FdSdO17, UMdSV12, Ano16b, DG16, ENST16, LWB16, LMR16, PFDL17, RMdO17]. **state-of-art** [PFDL17]. **state-of-the-art** [ENST16, LWB16, RMdO17]. **stated** [ANZ15, WAT16]. **statements** [LS15, Ric15]. **States** [ZKD11, Ley15a, MM16, WWP17, CC16, GK18, Lun19, PFL19, SDS19, TBS15, TYWZ12, WMW+13, YK15, Yur18b, Yur18c]. **static** [MB10a, RC13b, WDN17]. **Statistical** [JKSK15, SGN15, CG14, CG18b, DMM17, ES16a, Geo17, GE11, Hos11, LKY17, SPB18]. **statistically** [LB12]. **statisticians** [FDVZ16]. **Statistics** [Ley13b, BBL17a, CBWJ18, DFS15, FMM15b, GHT16, LLC+17, LG10, RC13b, TW18, VVN16, vB13, Das16]. **status** [CHWL12, Chu14, GW15a, JL18b, LGZ+13, Lin12, MSP+15, PJB+12, Pol16a, ZSY14, ZLG+15, Zuc10]. **staying** [CNPG17]. **stem** [AW11, ÁRS17, dNMVQL16, ZS11, FB10, TN19]. **step** [EC16]. **Stephan** [Etz13b]. **stepping** [Van12]. **stepping-stone** [Van12]. **steps** [De 16a, Ley13a]. **stepwise** [YYLW14]. **STI** [DKS18]. **Still** [Wra16b, Dya14, JKMS17, Pat18, Sch18a]. **stimulation** [PYL16]. **Stirling** [Rou18]. **STM** [SVS18]. **stochastic** [ACD15, VEJC+18a, XLZ+18, YKLK14]. **stock** [GRSFV14a]. **Stocktaking** [BB19]. **stone** [Van12]. **Stopped** [LWT16]. **storage** [WLH+17]. **story** [GFK+18, LS19a]. **storytelling** [PC18]. **stratagem** [KM18a]. **Strategic** [CLJH12, FFR+17, FFR16, GRSFV+14c, Kos16a, Lee10b, RPGM10, RPP18]. **strategies** [AYS+13, DMM17, GRSFV17b, HV18a, HG13, HBT16, HSPY15, JKN19, KFB18, LLL12, PYK13, VGPdlC+17, WHL+15, DCGZ+12]. **strategy** [ACD14, APYS13, BSC+17, GSOLHO19, KK17, LZL10, ZLLL19, GRSFV17b]. **stratification** [Pra19f, SST+16]. **Streamlining** [MKYM+17]. **strength** [CMUdF15, UBTS16]. **strengthen** [SÁV18]. **strengthened** [KPSL12]. **Strengthening** [Lee12]. **strengths** [LKY17]. **stress** [MSP+15, SRF16, WH12]. **strike** [RF19]. **Striking** [BL17b]. **stroke** [MKYM+17]. **strong** [CMUdF15, XZFD19]. **Structural** [FRPP17, HRC12, LLHN17, MYP19, PY19, AJSN18, BVOL18, BM15, CLLZ15, Col17, KLPP16, LBRR19, Ley11b, PW13, XA15, YC12, Zha18]. **Structuration** [Ley11b]. **Structure** [HSK17, KC12, KM11, LX15, RBBG18, SJ19, Vin18, ACD14, Asa19, BASL16, BGSvdB11, CD16b, CLMN19, CL11, CLSW19, CY13, CL17a, DT16, DMM13, De 13, EES13, ELP11, Fan15b, FUR10, HAL11, HBDL18, HC19, HP10, JvGH10, JK10a, KM17a, KLCS14,

KTLD16, LMM15, LWM+15, LYLD15, LHBC18, Ma12, dNMVQL16, MM14a, MSC18, NQ14, OZK11, Oze12a, PHS12, QDY14, RAS15, RGCM14, SIR+14, SDT15, SK13, SL10, SG16, SYLC17, TW10, TL18, VYL17, WhCL10, Wan16, WDS16, WWP17, YLL15b, YYDH12, YYP17, Zel12, ZS11]. **structured** [LLC+17, MKYM+17, RRBA10]. **structures** [Ano17c, CR18, CFK16, DAYY18, FDVZ16, GRSFV14a, GGS17, KMFD12, KGG15, LG16, MCB15, Oze12b, SK18, SK12, XLZ+18]. **student** [HB18b, XA15]. **students** [Lar12, The18c, ZTP18a, ZTP18b]. **studied** [MS16a, MSP+15]. **Studies** [GS15, WS13b, DC15b, GTC16, Ham11, HSBW10, HNG19, KHR+19, KKdBK12, KN15, LJS16, LP18b, Li19, LPB14, LAdAMJ17, LSL15, MS16a, MS18a, MSDJ19, MPF18, MYN+15, MS14, MPM18, dBONM+19, PK14, RM10, RCETS19, RPNC13, Sil13, SM15, SM17, SSZL18, SG16, TB19a, TVA17, yTnL17, WL14, XA15, ZLG+15, dSdSSB16]. **Study** [Iwa17, MLC14, Xie15, ZW14, AUS12, ANZ15, AW10, ACS18, AEFP16, ABMRVZ14, ATCCAAB19, AMFLH15, Ama18a, AP16, AGLNRR14, AJdMA10, AYS+13, Asu19, BCML19, Ban18, BI14, BIH17, BSvEK13, BPGGdMA12, BR11, BSS15, BSK15, BKSS15, BPTG10, BD10b, BSMD11, BND11, Bor18, BPVM11, BvdB14, BN10, BL11b, BRS+16, BJIB16, CWJBT10, CCM+11, Cam11, Cam17, COS11a, Car16, Cha18b, CZV10, CYW+11, hCyL12, Che12, CLO18, CKCK10, CD18, CY13, Chi14, CRFM+12, CHL10, CYK+11, CH12, CIK+18, Coc18, CST11, Col18, CB19, CQB16, CIL+16, CNC18, DD18, DGD19, DRS18, DXL+18, FG15, FLM16, FPS14, FRF+19, FEHC19, GRSFV+12b, GF17, GLS16, GMJ+17, GD11, GN17, Glä18, GRG12, GG13, GdOdAG+13, GB17b, GW10b, GZ14a, GBGB13, GLM11, Har13d, Har14b, HHK+12, HHZ14]. **study** [HH15a, Hen18, HL18, HG17, Ho13a, HLL14, HNG19, HdSV16, Hos11, HL17, HTL15, HC15b, HFL14, HSLP14, HC12, HW12, HSX+15, hHC15, HC16c, HZL+17, HZQ+17, HYS18, HW10, ILB11, IBL13, IF13, IMHG12, IMH13, Jun12, KBAK17, KZSZ19, KLM16, KM15b, KM15c, KM15d, Kaz15, KY17, KHJ+12, KLCS14, KCP11, KBL15, KWW15, KTT11, KJ14, KM18c, KKT+18, Laa14, LL16, LM19, LKP11, LT10a, LQW17, Lin11, LHC16, LZH+12, LZH+13, Liu13, Liu19, LLP+16, LABL13, LSE+18, MPY+13, ML16, MM14a, MB19, MB13, MHFB17, MSL11, MYN+15, MHC14, MZE19, MCB15, MKP16, MM15b, NSKO15, NASR11, NJ10, NF19, Nii17, NBR+11, NT17, OO12, APFR+13, OMOR13b, Ort11, Ort15, PYW18, PSB+17, PW13, PIB18, PHV17, PEFP13, PB17b, PLG19, QDY14, RHMH17, RASP13, RMdO17, RCdJ+14, RF19, RG18]. **study** [SMLHCP17, SM16a, SPB18, SCGZSL+13, SCGZR16, Sch13a, SJ10, SFR+19, SL12b, SMY15, SW19b, SST+16, SH15c, SWCH14, TG18a, TUCR15, TCC17, TA15, TA18, TFJD14, Tod14, Tom18, TA17, Tsa15, yT15, UMdSV12, Var11, VHG+15, VAJCC17, WXLL12, WLDW12, WLR+14, WLN+14, WLY14, WLD+14, WPW+14, WDS16, WFS16, WF18, WAT16, WY12, Wra14, XGY+16, XYW+17, XBD+18, XDB+19, YWL16, YIK+10, YQX10, YCL+13b, YKCK13, YKLK14, YJ11, ZPG+14, ZVC11, ZZPG14, ZYG15,

ZGY16, ZLW16, ZG17d, ZG17e, ZW17a, ZT18, ZSC18, ZT19, ZY19, Zha10, ZC14, ZLLL19, ZGL+17, ZM16, ZG13c, ZXT+19, dSD18a, dWZD14, dPdCAdMC+16, vLvWW16, vdBS16, vdBBdK16, PD10]. **Studying** [MAP13, vdBSS18, BGSvdB11, BM19, GWS15]. **sturgeon** [JG12, JG14]. **styles** [AS18a, MHC14]. **stylistic** [Hud16]. **sub** [ACORC11, HHZ14, ILGZ+14, OM11, XLR15, ZL18a]. **sub-areas** [HHZ14]. **sub-fields** [ACORC11, ILGZ+14]. **sub-impact** [XLR15]. **sub-Saharan** [OM11, ZL18a]. **subcontinent** [MR10]. **subdiscipline** [SL12b]. **subdisciplines** [TC13]. **subdivision** [LXWC17]. **subdomains** [APPS15]. **Subfield** [Bou14b, hHSL19, QA18, TT13, ZY15]. **subfields** [QRJ+17, Sot10]. **subgroups** [CH14, Keg15]. **Subject** [LJS16, LCS+16, AZKR13, AW11, BBJS16, Cam17, Cam18, CWH11, DGDG13, DGGBDG17, GRSFV+14c, GNVQdMAG11, GGS14, GWBSVWB13, HH18, JN15, KB18, MB15, Pin15, RSGFV14, SP12a, TZG15, ZJLG10, ZCL14, ZLW16]. **subject-classification** [TZG15, ZLW16]. **Subject-method** [LJS16]. **subject-specific** [MB15]. **subjects** [CHL15]. **submission** [ADD14a, AND19, BHDI18]. **submitted** [BHJD12, Hud16]. **subscription** [PROG19, SA16]. **subscription-based** [PROG19]. **subsequent** [SRW+15, vWWtH14]. **subset** [ADM19, FMM14]. **subsets** [Vin19]. **Substance** [WST14]. **substitute** [Ber18]. **substitution** [MV19]. **succeed** [EC16]. **success** [AGLNRR14, BSvEK13, BSK18, CT15b, FGMM12, FMM13b, FMM14, GZGAC16, GZGAC17, HV18b, HK12, JPT13, KCU19, Kis11a, KWW15, WWC19, Yur18b]. **success-index** [FGMM12, FMM13b]. **Successful** [KJES16, CZPR17, GG19, KM17b, Pou12]. **successfully** [LHLH19, MBTKA14, PMN16]. **succession** [CIK+18]. **successive** [Par15]. **Succinct** [GMSZ18]. **such** [CdMCdMMdP17]. **suffer** [GRSFV16a]. **suffice** [Ama18a]. **sufficiently** [dSD18a]. **sugarcane** [dBONM+19]. **suggested** [Osw10]. **suggestions** [RMCM13]. **suitability** [ADV13]. **sum** [Doc12, LWT16]. **summarization** [JKN19, KMD+18]. **Summer** [GGH+10, GGG+11, GGG+12]. **superficial** [vWWtH14]. **supernetwork** [ZZW19a]. **supervised** [CLB13, Ken18, ZML19, ZLLD19]. **supervising** [KKE13]. **supervision** [dSNV18]. **supplemental** [GP15]. **supplements** [Che15]. **Supply** [SDT15, BLdlCV17, NSH+11]. **support** [Dem18, FB10, GWG17, HR11, MT15, PG14a, SFBS17, SBSR19, Zhu17]. **supported** [Bor16, KKL14, WLF15]. **supportive** [PC18]. **surname** [Kis11b, KB13]. **surname-based** [Kis11b, KB13]. **surrogate** [SBD+19]. **Survey** [CZV10, BN14, CTL+19, hCyL12, HM15c, HJM+13, LJMF15, NJM18, NH11, RRRGVD19, SGM+16, SK17, vEW10, ZVC11]. **Surviving** [ZXM+16]. **susceptibility** [dOM16]. **Sustainability** [SE18]. **sustainable** [HHZ14, ILGZ+14, QL12, Sot12, ZH17]. **sustained** [WJCC19]. **swan** [ZZY19]. **swans** [JSZ13]. **Sweden** [BL11b, BN14]. **Swedish** [BN10, Bre10, SM15]. **swing** [Mix18]. **symbiotic** [Wol15]. **symbolizing** [BCT19]. **synchronic** [YS14]. **synchronous** [ZG17e]. **synchrotron** [Hal13]. **syndrome** [LLP+16, CvLvR11]. **Synergy** [KM12, LZ14, LPL14]. **synonym** [GKF17]. **syntactic** [VG14, WZS12]. **syntactic-semantic** [VG14].

synthesizing [Hsi11]. **synthetic** [LMdBG16, SKY17]. **System** [Ano11, ADR16b, AI17, APPF18, APLHF18, Ama16, BR12, BH16a, BH16b, BCJ+17, Che12, CC12a, CH15, ES16b, FKM+15, FT19, GRBBS17, GMJ+17, HS16a, HFL14, JK19, Jar16, KGSS16, KPRT16, KPSL12, LBW17, LLW+16, MBP19, MMAHS10, Mou16, OROMAA16, OMOR13b, PJL19, PC18, RVFEdlM10, RG12, RP17a, SH15a, SN10, WWH+17, Yoo15, ZK19, ZZL+10, ZLW16, ZQH+17, Zuc10, HFW+14]. **Systematic** [MF14, GWA14, HSPY15, PLBZ18, Rha17, SMCC18, ZL18a, dCdAMB19]. **Systems** [Glä18, LHC16, UMdSV12, dSFSF15, ACD11, ADV11, ADD14b, ÁRM13, ASW18, Bue15, ÇAAÇ15, Cha18b, CST11, Doc11b, Doc12, DCY+17, FM11c, FM12, Fuk16, GL15, GWA14, HC15b, KRP19, Kha13a, Kha13b, KC15, KPRT16, KTRP17, Kwi18, LL16, LRS+18, LYLD15, LTK+19, MT12b, MMSS11, NH11, OA10a, OCCSM11, PK14, PHS12, RP17a, SGG+14, SV19, TP11, yTwTlW19, ZLYF14, ZZ14, ZRY+12, ZL17, RPK17, Doc11a].

tables [HC14a]. **tabulation** [Hos11]. **tag** [DGF17]. **tags** [KC12]. **tail** [Glä10, Glä13, YR10]. **tail-core** [YR10]. **Tailor** [Gal11]. **Taiwan** [Liu16, SWH14b, Cha14, CYW+11, CSC12, hCcTmWH15, CS11b, HIC12, Hu11, HWLL14, KLP12, LLL12, LYGQ12, Lin12, LXL15, LXL16, MC12, PP18, SWH14a, TCT+13, Wu14]. **Taiwanese** [LCC12, Sha12]. **take** [Hag10a, KKV+13, LHLH19]. **take-off** [LHLH19]. **takes** [Hir10]. **Taking** [GTMRE+16, GTMRE+19]. **tale** [DSH+10, Pra18a]. **talent** [MGGdP17]. **tales** [Jac12]. **talk** [Bru10]. **tapered** [San12c]. **target** [DC19, HYS18]. **target-policy** [HYS18]. **targeting** [WF17]. **taxonomy** [De 16b, JC12, LSS15, LSS16, Rod17]. **teach** [SAPR18]. **teacher** [Tod14]. **teaching** [DH13b, GMM16, WHLP16]. **team** [BT15, LPMK17, PRSB16, TCR10, XWL19, ZZW14, ZZW16]. **teams** [ADD17a, CÖT16a, MARMSG19, PRDG17]. **Tech** [ZPC17, Suo14]. **TechMining** [PC14, VGPdlC+17]. **Technical** [AP14, MBP19, CNPG17, CNPG18, HCLC14, KMP+11b, SHS15, VG14]. **technique** [JDH12, JH16, LW10]. **techniques** [ABM19, CNC18, DAMC15, Lee10a, MVS10, NZL+19, RHMH17, YLSW16]. **techno** [ÁRS17, PLG19]. **techno-scientific** [ÁRS17, PLG19]. **Technological** [CLLL10, HLLT14, LGR17, LZZ+13, RGdCMM17, SS16, WSH16, AAV13, BM13a, BM13b, BM11, CV15, CWL10, CJW10, CSC12, CC12b, Com15, DQ11, EES13, FLZ17, GS12, HR15, HDC13, HCS+15, JK10b, KCK14, KS18, Kli16, LLC+17, Lee10b, LKS+14, LZ14, LAHH15, LNRSRBB18, LCFC14, LP10, MYP19, PYK12, RR17, RBF+10, SPS14, SFNO12, SÁV18, SD18, WLD+14, WY12, Won13, Wu14, YZW+17, YK11, YK12, YPK13, ZHG16, ZQH+17, ZZZ+12, ZHZY19, vRW18]. **Technologies** [SJ10, AUS12, ÁRS17, Bai18, CS11b, CMM17, DDS+19a, EMSS16, ÉMS+13, HLL14, HSPY15, JAAA18, KCK14, RNM18, SBSR19, WF17, YKCK13, ZyZZ+11, ZLLD19]. **Technology** [Ano10, BM15, CK14, HH17e, JKC15, KHK13, LKS+14, LL19, LHG16a,

MEG15, NASR11, SK14a, SL10, ACMP13, Ahr17, ATYL17, APPF18, APLHF18, Ano17d, Ano18c, APYS13, AYS+13, BFHS18, BKY+15, BGM17, BDE11, Bou14a, BPHL16, BRS+16, BSPL19, CGV12, CD16b, CWL10, CLJH12, CYK+11, DSG+15, EMSS16, Etz13a, FM12, FK17, FK18, pGDTP12, GM12, HM18, HF19, Har14a, HTL15, HSWC13, HSX+15, HHA+16, HZQ+17, Hur17, JYW11, JC12, JBC19, KZSZ19, KKCG18, KW15, KGL+14, KL17, KGY+17, KS18, KPL19, KKK+14, KPY16, LLL12, Lee15, LS17a, LM13a, Ley15b, LYWSV13, Li15, LCZ17, Liu13, cSL10, LLW13, LLHN17, MP15, MTT15, Moh12, MRN14, NH14, OA10a, Ort11, PY14, PJY17, PHL17, PLJ18, RG15, RRBA10, RS12, RG18, SH15b, SZAS16, tScL13, SL16, Suo14, TR14, US10, WLN+14, WLD+14, WPW+14, WMH+17, WZ19a]. **technology** [WT15, WG10, WG12, WS13a, Won13, WF17, YSY+13, YLH+17, ZPG+14, ZZPG14, ZZ14, ZZP+14a, ZFY+17, ZG12b, ZG13b, ZZP+14b, ZZW+19b, dPSS18, KK15, vdPR18, ACF+17, Mad15, LM19, Tom18]. **technology-class** [HF19]. **Technology-function** [HH17e]. **Technology-industry** [CK14]. **technology-relatedness** [LLW13]. **tectonics** [MB13]. **Teixeira** [CF18]. **Teixera** [BI18a]. **telescopes** [Tri10]. **tell** [BSG17, CGPT15, ENA19]. **Temporal** [BIH18, wH15, CU16, HCLC14, SZ15, ZML19]. **temporary** [COS11a]. **Ten** [FS12, DGWZ13]. **Tendencies** [EGUB12, Fan18, FdSdO17, PNVCB18]. **tendency** [CjZZ+19]. **Tenure** [Yur18c, Mix18]. **terahertz** [Liu13]. **term** [KJES16, KH17, LT16, LSS15, LSS16, RNM18, SVS18, WJCC19, ZZPG14, ZCMVQS11, vEWNB10, HWQ+18]. **term-document** [KJES16]. **terminology** [GG15a]. **Terms** [GWBSVWB13, BS15a, GK19, Ley13b, LZ14, Li18, QA19, RS12, XGY+16]. **Territorial** [DdlPPL+19]. **territories** [XTZ15]. **territory** [FP18, LJJ+16]. **terrorism** [Mag14a]. **test** [Har13d, LLCL11, Wal15]. **Testing** [HM18, LB12, Bor18, Glä10, HL18, PLT14, SC13]. **tests** [Sch15a, SGN15, Whi10, Wu18]. **text** [BWbH+18, Cab14, CB19, GRBBS17, HII+18, HT18, JKN19, JN15, Jam17, JS15, LAL15, MXZ18, MVS10, McC14, Moh12, PYK13, PC18, RHMH17, RNF19, SH19, SK13, SH18, TA18, UBTS16, WRM17, kWhHRkS10, WLZ+19, WA18a, YLL15a, YLH18, ZLG+15, ZHZY19, PT17]. **textbooks** [Kor18]. **textual** [LAL15, Moe10, MG12]. **their** [AAH10, ADS11, ADS17a, ADS17b, ALH15, Aus13, BPGGdMA12, BPVM11, BL11b, Cam18, CGK+14, CÖT15, CLO18, DCS12, DX17, Fan15a, FMS17, FK17, FK18, Glä12, GW10b, GWG17, HJL18, HC14a, Har17, HR15, KGSS16, KKE13, LVHS+15, LRWS16, LYWSV13, LIdMAM11, MSYW12, MG12, MCB15, NA18, OMR14, Ort11, PRA16a, PML14, RPK17, RCCM14, SBB16, SYDW19, Sot10, TVA17, Tri10, VSS12, VBG+17, Vel12, WHC+13, WLY14, WLC17, WS10, YST12, YP19, YCPS17, ZHG16, ZCL15, ZW18a, ZXLX14]. **Thelwall** [KL16]. **them** [Gus19, Koz15, MCL13, VH17]. **thematic** [Ano17c, GGS17, OGOPPR17, OA10b, OA10c, RFGBMA13, SK18, UBTS16, XLZ+18]. **Theme** [WLH+17, SZ18, TA17]. **themed** [jZhLY15]. **themes**

[ALYZ15, KW15, TA17, ZW14]. **theorem** [MOA16b]. **theoretic** [GRSFV+13]. **Theoretical** [Egg13c, SPB18, BBL17b, BSPL19, Hei13, KD18, Pra17a, dACdFC18]. **Theories** [KLPP16, GTAG18, Sch15a, TG16, Wu18]. **theorisation** [Bor15b]. **theorization** [Won19]. **Theory** [ER12, Bur14, CBKL13, FPS14, FE14, JPT13, KM18b, LL13b, MB10a, Oos15, PJL19, Pra11d, RPSA17, SRF16, tScL13, Whi10, Whi15, WLPH14, ZAJ19, ZLH+15]. **therapy** [LL12, SDS19]. **there** [BFMRM19, BS19, Dya14, FK16, KFKS15, MR15, MCL+11, Mou15b, APFR+13, PL17, PZ17, Pra10e, RY14, Sch14c, Wu18, vR17]. **thermodynamic** [ES18, FM11c, Pra19a]. **Thesaurus** [Boy17b]. **Thesaurus-based** [Boy17b]. **theses** [Ban18, ESB15, FCTV12, KHH18, LGZ+13, RPSA17, Var12]. **thin** [HWLL14, YCK11]. **Things** [MCvFP16, YLL15b, YWG14, NT17]. **think** [BCZ12, MC15]. **thinking** [XM13]. **Third** [BP11, WHC+13]. **Thirty** [SRP13, dCdSNB15]. **Thomas** [MB10a]. **Thomson** [Har15b, PA12]. **those** [SRW18, VVN16]. **thought** [Ben12, URU10b]. **thoughts** [GM13]. **threat** [PIB18]. **Three** [FE16a, FE16b, KdBBK15, WC18, Bai18, Bor15a, EO14, EMH+10, FPS14, Fra14, FZZ+11, FZZ+12a, FZZ+12b, HCS+15, HC16c, Li15, LP18b, Pra14c, Pra17c, Sch12a, Sch10b, TA17, yT11, Wal15, WOW10, YWC12, YWW17, ZYNZ18, ZG11]. **three-dimension** [Li15]. **Three-dimensional** [KdBBK15, LP18b, Pra14c, Pra17c, Sch12a]. **three-journal** [Bai18]. **threshold** [CSC13, GRSFV11, LHLH19, SS10c]. **throughout** [LJJ+16]. **ties** [CMUdF15, KA17]. **till** [BMM14]. **Time** [Bas11, BOS14, CU16, FCTV12, Fin11, ILBG14, MD18, AHUR11, ADD11c, ASPF+16, Cam10, CGPT15, Cle16, Egg10c, FSLR10, HC15a, HCDT16, Har16a, Har16c, HB18a, IMSK14, Jar16, JPT13, MFF+16, RCJ18, SC10, Tod14, Wan13, WFH+16, ZFY+17, ZNB+17]. **Time-aware** [CU16]. **time-dependent** [WFH+16]. **time-normalization** [HB18a]. **Time-varying** [ILBG14]. **Times** [BSFW10, Har19a, SGSS17, Saf19]. **timing** [MTU17]. **tip** [Pou10]. **tissue** [Zha14]. **Title** [GW17, ADD16, BS15a, GMSZ18, JN11, NG16, RMH14, ST14c]. **Titles** [MASM14, MASM16, ABMRVZ14, ABRVZ15, CP16, GZJ+15, Har15a, Hud16, SM16a, LX19]. **Tobin** [CS11a]. **today** [GN17]. **together** [Mus12]. **tolerance** [MSP+15]. **Tommaso** [Pra17a]. **Too** [BSFW10, Oos15, KB12]. **tool** [ADS12, Cam17, CFL12, CL16, FCCMTRVR18, GRSFV17b, JKJL14, PB12, RRRGVD19, SYLC17, WS11, ZZPG14, BHL+10]. **toolbox** [PC18]. **toolkit** [TT13]. **tools** [MCR+12]. **Top** [KB11b, KB12, KHK13, LPMK17, ADS16, ADS17a, ADS17b, ADD19a, ADD19b, ACRC17, uHBK19, CMVP16, FH13, GRSFV12a, GKS18, Ho13b, Keg15, KHA17, Kos18a, Kos18b, Kwi18, LL16, Ley12, LSM+15, LSE+18, MCL13, SM16b, SLD+17, SUP15, SK11, TBB+16, WW15, WWP14]. **top-10** [Ley12]. **top-25** [Ley12]. **top-cited** [Ho13b]. **top-level** [Keg15]. **Topic** [ADD+15, BGG+17, MLOY18, MCLL17, Yan14, Boy17a, CGKB18, Cam12, DFS15, DXL+18, FMP17b, HFL14, Kli16, LKSK15, LJS16, Li18, LXDL13,

MHKB16, Nic14, QZZD18, Sch14c, SHK14, SYLC17, yTmShL16, VBG+17, VYL17, WLD+14, WHS19, XCS+16, YPNS14, ZMW+18, ZLLD19].
Topic-based [ADD+15, Yan14]. **topic-dependent** [ZMW+18]. **topic-level** [LXDL13, Yan14]. **Topical** [BL15, Cab11, CGC18, LYW19, MP15, ZMW+18]. **Topics** [PN15, BHPVdPMR18, CYH13, GT11, GT12, GT17, HGH17a, HQY+18, KWS17, LM19, Lam12, MCLL17, OHT10, OH19, PPI17, RBF+10, RRRGVD19, The17b, TH13, WCL14, WLD+14, XGY+16, YDJ12].
Topological [AOd15, Ama15, KM17a]. **Topological-collaborative** [AOd15].
topology [KJS14]. **Toronto** [OCJB15]. **total** [Egg10d, Rou12b]. **Totalized** [Pra18e]. **tourism** [FRdA16, jZhLY15, ZTC15]. **tourism-themed** [jZhLY15].
Tower [HAL11]. **TR** [AÇA+14]. **trace** [HCS+15, HZQ+17, ZZP+14b].
Tracing [ÁRS17, JDH12, JH16, MB14, WWX13, WA18a, ZZY19]. **track** [Ama18a]. **Tracking**
[CMM17, HFC11, MAA18, SKY17, TK10, WFG16, YCPS17, MH14, SD18].
trade [tScL13, WK15, Yur16b]. **trade-related** [tScL13]. **trademark** [Hei19].
trading [ZY15]. **traditional** [FZZ+12a, HK12, HZD+15, NTM+18]. **traffic** [Jun12]. **tragedy** [dM10]. **trainee** [OO12]. **training** [KK18, SK17]. **traits** [CC10b, RRL16]. **trajectories**
[AAV13, HY19, KS18, KPY16, Ley13b, Won13]. **trajectory**
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transatlantic [BCHH17]. **Transfer** [LM13b, Ama18b, BFGVV+18, Etz13a, GN17, HL13, KM12, LM13a, Ort11, PLJ18, TR14, WZLZ13, WA18a].
transferral [Hos11]. **transferred** [WPCG13]. **transfers** [CMM17, ZLL+15].
transformation [CW17, JKN19]. **transforms** [LW15]. **transience** [CHM15]. **transistor** [HWLL14]. **Transition**
[HLE10, Par14c, CSC14, Fan19, IMSK14, JK19, MB10a, PN15, SFNO12].
transitional [CP14, Sko14]. **transitionary** [FK17, FK18]. **transitions** [KKS16]. **translation** [DC15b]. **translational**
[MLY+14, RRLNAG15, VNA16]. **transliteration** [FGP13]. **transmission** [ZS17]. **Transnational** [FS10, GS12]. **transparency** [SMLHCP17].
transparent [GGP14, dSM17]. **transport** [BSS15, LG16, NRAW17].
transportation [dSdSSB16]. **Travel** [CRBRG+18]. **treated** [ADS10b].
treatment [DSG+15, YYS+10]. **Tree** [MSP+15]. **trees**
[GVGSEPRC15, WBH+12]. **trench** [MM18, MM19]. **Trend** [BSC+17, LNK+14a, LNK+14b, SHS15, UHAR12, AP14, CH12, EMSS16, FAI+18, HW12, Kra16, LH14, LWW+11, NPT+15, dANR15, RRRGVD19, SP14, SZAS16, SB14, VSVR15, WH16, YHC+15, YJ11, YLH+17, ZLG+15, Zha14].
TrendNets [KO19]. **Trends** [Fra14, GVGSEPRC15, LLYC14, MMA18, OHT10, TCH+15, WH12, AEFP16, AATBPAB15a, ÁBV+14, AW11, AS18b, BKY+15, BMP+14, BRS+16, CHWL12, CZW13, Cav16, CWL10, CLLH15, CYK+11, CAS16, DVB14, DVMS17, DC15b, DJWS11, Fer14, GFC18, GB16, Han11, HSL+14, HYC18, KSSB13, Kar12, KO19, KC15, KvES11, LQW17, LFLG14, LF14a, LLW+16, LCLX16, LL12, MLY+14, MR10, MH15, NHY+14, OGRMOP19, PJL19, PLW+15, Pri15, RG15, RBBG18, SK18, SZD16,

Soo10a, Soo19, SVS18, SB19, TYWZ12, TZ15, TW16, Tsa11, Tsa15, VASNU+19, Veu10, WWX13, WHS19, Xie15, YCL+13a, YLY+14, YWG14, YK11, YPK13, ZXH10, ZG17a, ZWW+15, ZWW+16, ZLN+13, ZDZ+15]. **Triadic** [Mes11, TB19b, WBX+17]. **trial** [KCT+17]. **trials** [AAB+13, TK16]. **triangular** [GHT16]. **tribology** [EBK16]. **tribute** [GZ18, LWB18a]. **TRIF** [PG12]. **trilateral** [Wad16, Wad17, Wad18]. **Triple** [Chu14, CP14, IL14b, KZSZ19, KP12a, KP12b, KHJ+12, KPSL12, LPL14, MGMW14, Par14b, Par14c, Sko14, ZZP+14a, HMK+12, KCP12, Par14a, PM18, SLK12, Yoo15]. **Triple-Helix** [LPL14, SLK12]. **TRIZ** [ZZPG14, ZZP+14a]. **Tropical** [VSS12, GVGSEPRC15, STCRPA18]. **troubles** [Hen19, Hen20]. **true** [Har16b]. **Trump** [AM18]. **trust** [ACT18]. **trustworthiness** [WAT16]. **truth** [Mue18]. **Tsallis** [AdAdAM10]. **Tucker** [LGD11]. **Tucker-2** [LGD11]. **tumor** [EG18]. **Tuple** [Par14c]. **Turing** [Fie15b]. **Turkey** [SSAG16, CA18, DBO+18, DT16, KKCG18, KGZML+19, KJ14, OMA15]. **Turkic** [SC18]. **Turkish** [AÇA+14, BGÖ+13, Dem18, Gar15, KKE13, Oze12a]. **turn** [ACORC10, BCC+17, KN15]. **turnaround** [RCJ18]. **turnover** [Yur18c]. **tweeted** [VH17, ZW18b]. **tweeters** [HBS+19]. **tweeting** [Ort16]. **tweets** [AM18, LF17, Sni16, VH17, XYHD18, dW15]. **twentieth** [BCC+17]. **Twenty** [CG18b, TW16, WOW13, CAS16, GZ18, SCGZR16]. **Twenty-first** [TW16, GZ18, SCGZR16]. **Twenty-five** [WOW13, CAS16]. **Twitter** [BH16c, BH18a, CP12b, HB18a, HT14, KP12b, LYS+17, Ort16, SBA+19, SLH18, VH17, Web16]. **Twitter-based** [KP12b]. **Two** [AC13, Har19b, KGY+17, LPL16, LTK+19, AAH10, APPS15, BCML19, BSB12, BND11, BG18, Cam11, CD14, DSH+10, EC16, FKRS14, HC16a, hHSL19, JvGH10, KLP17, KY17, KJ14, LKS+14, LCS+16, LYGQ12, Li19, LS19a, Lor14, Moe16a, NJ10, PFL19, PRRC16, PPE14, Pra18a, SGG+14, Sch15a, Sch14a, Sch17b, Sch10b, SYDW19, cTnHwH17, WDP11, Wu18, dOM16]. **two-dimensional** [LYGQ12, Li19, NJ10]. **two-exponent** [cTnHwH17]. **Two-phase** [KGY+17]. **two-stage** [BND11, LKS+14, WDP11]. **two-step** [EC16]. **two-year** [Cam11]. **Type** [Abb13, Asu19, BHH18, BPVM11, CCM+11, CV15, Don17, Egg11c, Egg14b, ER19b, Glä12, JN11, LZGQ13, MR13, Pra19d, Rou12a, SZMS18, Sch12b, YWL16, Yu17]. **Types** [VG17, XHA+19, GD11, HP10, KBT14, KWW15, MK18, Puu10, RP17b, Soo17, SH18, TSRGCCJC14]. **typical** [SVS18, WYY11]. **typically** [AC13]. **typology** [SK11].

U.S. [ACORC10, ABL17, ALvH19, uHBK19, BRS+16, CSC13, CLO18, CKCK10, Han11, KSB11, OMR14, PSB+17, RRL16, Shi14]. **UASB** [ZLT+14]. **ubiquitous** [ZW11]. **UGR** [RGTSLCH14]. **UK** [COS11b, Fan13a, HL17, HLSW18, Hud16, MBT16, MTT15, ZZY13]. **Ullmann** [Tom18]. **ultimate** [Oos15]. **un-cited** [ZG17c]. **unavailable** [Mou15a]. **Unbalanced** [ZHG16, HDC13]. **unbiased** [MD12]. **uncertain** [ZZW19a]. **uncertainty** [KHS+15, dCCMAW16a, dCCMAW16b]. **uncited**

[HLW19, YY14, YSY+13]. **uncitedness** [Egg10b, NF19]. **Uncovering** [DMV10, Lee15, MY16]. **Under-cited** [RH18, DW18]. **under-citedness** [MHFB17]. **Underestimating** [LXWC17]. **undergraduate** [Yur18c]. **underlying** [CL13, HC16b, QL12]. **undermining** [Fra17]. **understand** [You14]. **Understanding** [Ano11, LTK+18, LDVSGDR16, LDZ17, MGGdP17, PTMT11, XBD+18, ZYS16, BM19, FK17, FK18, MPM18, OMR14, PCR18, THAL15]. **undertake** [BL11b]. **undifferentiated** [Kwi18]. **undisclosed** [Cop19b]. **unequivocally** [PL17]. **unhistorical** [Kra16]. **uniform** [ADS10b]. **uninformed** [RSGFV18]. **unintended** [SFM16]. **union** [ACORC10, MM16]. **unions** [MdBdP+19]. **uniqueness** [yTwTlW19]. **unit** [dS17b]. **United** [SDS19, CC16, GK18, Lun19, PFL19, TBS15, TYWZ12, WMW+13, YK15, Yur18b, Yur18c]. **units** [Lee10a, LWIB16, PRRC16]. **universal** [CRLMLM17, GGW11]. **Universality** [EHK12]. **universally** [SA16]. **universe** [KWS17, MB10a]. **Universidad** [HMCD+19]. **Universitie** [LBRR19, AChO19, AC12, CFL12]. **Universities** [AKB+10, BBSS16b, BBSS16c, OMAT19, Saf19, ADR14a, ADD14b, AhOL14, AChO19, AZSA14, AZSA16, AÇA+14, APLHF18, AS18b, BVOL18, BPJ+14, BR11, Ben15, BS17, BG18, BZBLP16, BDC+12, CD14, CPF13, DCGZ+12, DH13b, DQ11, Doc13, DC17, EGU10, FJ11, FYC15, FL16, FCCMTRVR18, FH13, GRSFV+12b, GE11, GSMT10, GP18a, GMM16, GKS18, Hos11, HN16, HSWC13, JBMR11, KY16, KLL14, KHK13, KHA17, KB18, KKE13, LP12, Lee12, LYGQ12, LCWY12, LIdMAM11, LZL10, LXH+18, LSE+18, Mat12, Mat13, MT15, PS16a, PM18, PSB+17, PQG14, Pra16b, Pra18d, RGTSLCH14, RGCM14, SY16a, Sha12, SM16b, TAB13, TW18, TR14, TBB+16, WMT+12, WMW+13, WHC+13, WWP14, WHL+15, YZB18, ZCKZ16, ZHMX14, BBSS16a, APPF18]. **University** [CD14, Che15, GY12, Joh18, Kim14, MRGT18, Saf19, SSAG16, SFM16, TYYW16, ZL18a, ADS10a, ADD11c, ADS12, ADR14b, ACF+17, ABILO10, ACP12, ALH15, ALvH19, Ban18, Bas11, BPGGdMA12, BR11, BR12, BGR19, BG17, BS13b, ÇAAÇ15, hCyL12, CHC13, CK14, Chu14, Cla15, CAV+19, DH13a, Doc11a, Doc11b, Doc12, DC15a, DEC15, FYC15, FGP13, GGG14, GRSFV+13, HB17b, HDW+15, IL14b, KHA17, KS17, LVGV+11, Laz10, LZZ+12, LWIB16, LM10, LPL14, LCWY12, MR15, MOO17, Moe17, OVJM17, OMOR13a, OMOR13b, OMA15, PMJF19, Pie18, PS16b, PRA16a, Puu10, RVFEdlM10, RGTSLCH14, RGCM14, Saf13, SR16, SDS14a, SN10, TM12, Tod14, WHL+15, WHLP16, WA18a, WS13a, ZW17a, vLvWW16, vRvLV11, GD11, GG13, GGG+12, HFW+14, OCJB15, RCCM14, SV19, WS10]. **university-affiliated** [CAV+19]. **University-industry** [TYYW16, ZL18a, ADS12, FYC15, RVFEdlM10, SR16, TM12, WHLP16, WA18a]. **university-industry-government** [CHC13, Chu14, IL14b, LZZ+12, LPL14]. **university-invented** [CD14]. **University-owned** [CD14]. **university-research** [GGG14]. **University-sponsored** [Che15]. **Unravelling** [ATCCAAB19]. **unrelated** [CSC12, CC12b, GRSFV14a]. **Unseen** [WW12]. **Unsupervised** [WLPH14]. **unusable** [Pen19]. **unusual**

[The18d]. **Unveiling** [AMMT16, CKB+14, Keg15]. **unwarranted** [Pol16a]. **update** [HM15c]. **updated** [APYS13, CCLL14, TB19a]. **Updating** [Rou12b]. **upflow** [ZLT+14]. **upon** [CC12b]. **ups** [SRP13]. **URAP** [AÇA+14]. **URAP-TR** [AÇA+14]. **urban** [JDG14, LSR13]. **urbanization** [ZLL+17]. **URL** [Lin11]. **Urquhart** [TÜ10]. **USA** [CGZ10, Dya17a, Dya17b, KKCG18, MT13b, TFJD14, The18d, WMW+13, YXW18, ZYG15, ZW19]. **usability** [WAT16]. **Usage** [Che18a, GG15a, GGS14, MBL18, WMXZ14, WFS16, BM19, CG17, CG18a, CGG19, GKF17, HF19, KCT+17, MA19, MF14, SG10, WLMF15a, WLMF15b, ZLTY18, Che20]. **Use** [AT17, AT18, EGU10, GWS15, MS16b, SMM+19, SS14, AL12, BI18a, BW10, BWD12, BL18, CP12b, CH15, CP16, CF18, Das16, GBM+16, GWG17, HC14a, Hun12, JKSK15, KD18, KPL19, KSB11, Kos16b, LS17a, LWB16, LRY18, MBTKA14, MM17a, MM17b, PYH16, PW17, PHDC16, Rod16, RNB19, SB15, Sch15c, TDG17, TÜ10, Web16, You14, dSD18b, dSD18c, dCdSNB15]. **used** [AD16, BD12b, BG17, Fuk17, Hal13, MCR+12, SLISC17, The18a]. **useful** [Agu12, Hsi11, MBA13, QZZ17, Sch14a, The17a, dS18]. **Usefulness** [Tur16, BT19b, YK14, ZHG16]. **user** [Ell18, Jun12, VH17, YZB18, Yu17, ZC14]. **users** [PLJ18, Tri10, WZ19b]. **Using** [ATJ16, ANOdFC12, BWbH+18, CWL10, CL11, Che11, CC12b, CyPP12, DAMC15, FSLR10, FA10, GT11, GT12, GT17, Ham14, ILB11, MK18, MOO17, RHMH17, RR17, RGGBV16, SCGZR16, Sch16, YLL+15c, Zhe19, dSAEE15, BMM17, BASL16, BHL+10, BYY18, BS16, BNV11, BB17b, CWJBT10, CBWJ18, Cam11, Cam17, Car16, CSO17, CZPR17, CC10a, CLHH10, CRZGVQMA15, CQB16, DGPL15, Doc11a, Doc11b, DGF17, EDEH16, Fan18, FMP17b, FH13, FH16, GGR11, GRSS16, GPN14, GY12, GSKM17, GBHT16, GHA+16, GR14, GHvdB12, Hal14, HHZ14, HII+18, HSAK18, HB17a, HB18a, HD17, HFL14, HWS18, HLW19, HC14b, hHC15, HCS+15, HHA+16, HC19, IA19, IMSK14, IB15, KMD+18, KLP17, KWM+18, KDFL14, KP12a, KLPP16, KP12b, KKK+14, Kol12, KN15, Laz10, LKSK15, LFLG14, LJJ+16, MY16, MSDJ19, MJHG13, MdFdA+14, MT13a]. **using** [MKHB15a, MKHB15b, MYP19, dBONM+19, OROMAA16, PYK12, PYK13, PY14, Par15, PLJ18, PP18, Pra10a, PMN16, Pra18e, RJ14, Rod16, RBC+10, SGM+16, SR16, Sal17, SKCK14, Sma11, SJOC18, SYLC17, TCC17, TT13, TE18, VHH16, kWhHRkS10, WJCC19, WHS19, WLPH14, XCS+16, YCL+13a, YK11, YK12, YPK13, YLJ+17, YYLW14, Yur15, ZLZ19, ZZLS19, ZLLD19, ZHMX14, ZWL+18, ZP16, dCPRP18, vEW17]. **USPC** [WSH16]. **USPTO** [LKR14, LZC17, WLY14]. **USSR** [WHW+19]. **utilisation** [KM18a]. **utility** [CRBRG+18, HV18a, Hei19, Shi14]. **utilization** [HDW+15, YQX10].

vaccines [CSR+18]. **Validating** [LTG12, RPNC13, YK14]. **validation** [EO14, LZB10, Rya16, TZG15, ZJLG10]. **validity** [BD10b, Bor18, BTL19, GP13, HL18, JOGC17, Nii17, TYYW16]. **valuable** [dSM17]. **Value** [FESD11, Bak17, BD12a, BK10, BZBLP16, CO10, CSC13,

CSC14, CLW+19, Cop18, FMS17, FSAB10, LS17a, LS16, LPL16, LD16, Mes11, MMSS11, NF13, PJY17, Pra12d, QDK19, Sch11a, SA16, SDS14b, TB19b, TSG13, THB18, YLL+15c]. **value-added** [MMSS11]. **valued** [CFSSP16, Sch15c, Van10]. **values** [CL13, Tol12]. **Vanadium** [CRLMRPA17]. **Vanclay** [Jac12, PG12, Zit12]. **Variability** [ADD14b, PRRC15, vdBBdK16]. **variables** [ASPF+16, Sch15c, VEJC+18a]. **variance** [HAL11]. **variant** [BIL15]. **variants** [uARA19, AA19, LWT16, RAA18]. **Variation** [ADM14, AKB+10, BF17, Fan18, SL12b]. **variety** [Ley15b, Ley18, TYWZ12]. **various** [HCL14, LCC12]. **vary** [WYB+17]. **varying** [ILBG14]. **Vector** [CFSSP16, LSC10, SML16, VACCAJ18]. **Vector-Space** [LSC10]. **Vector-valued** [CFSSP16]. **vegetable** [TFJD14]. **vehicle** [HSLP14, YSY+13, ZZ14]. **velocity** [GPN14]. **Venezuela** [CRV12]. **venue** [SBT18]. **verification** [Par15]. **vernacular** [SSdOS17]. **versions** [BI18a, BM12a, Moe16a, dSD18b, dSD18c]. **versus** [ADD10, ADD17b, ADR19, BD16a, BGJ+16, BSBG18, BWD12, Cam11, Cam17, GF17, GG15a, GGS14, GWBSVWB13, Hsi11, HBDL18, JX13, KM15c, LO12, MBR+13, Pir19, Ran09, SMLHCP17, SL17, SKM15, SVS18, TK17, WAT16, dWZD14]. **vertically** [Kwi18]. **via** [AUS12, ABM19, DLGP16, GSM+16, Iwa17, KO19, LGD11, LTK+18, NZL+19, Xie15, ZZFD18a]. **vibration** [ZZ14]. **vibration-reduction** [ZZ14]. **video** [JNA18, XYHD18, ZXT+19, Zon19]. **Vienna** [Ano15, GGG+12]. **Vietnam** [Man15, NHLL17]. **view** [BBDS+14, Har17, HTHB11, Lee10b, LGD11, MB10a, MB16a, MLT+15, VACCAJ18, ZW17b, ZTC15]. **viewed** [Ard12, WB15]. **Viewing** [PPE14, Pin15]. **viewpoint** [YK14]. **views** [LLX+18, dW15]. **violating** [WZ17]. **virtual** [HHA+16]. **virus** [EDEH16]. **Visibility** [DCGZ+12, Kim10, ADD16, AR18, ATM16, CRMdMA15, CP12c, Dor17, EMSH16, EGR13, GSOLHO19, HP18, LP12, LML11, MGM+17, PROG19, PQG14, SLGO17, SLH18]. **visible** [LM11, Tei11, VVN16]. **vision** [ERW12, FSOS12]. **Visual** [LYW19, CZV10, NH11, PC18]. **Visualization** [Liu13, Sch12a, CL16, GY12, HZ17, KZC16, Kor19, KS17, KdBBK15, Ley15a, PJL19, SZD16, SB19, SYLC17, WKHS19, Xie15, YWC12, ZCMVQS11]. **visualizations** [BSBG18, DGF17]. **Visualized** [JNA18, LW15]. **Visualizing** [ACD14, BHH18, Fan15b, GN19, Li19, LYLD15, LM16, NSC13, WPW+14, ZW11, ZH17, ALYZ15, BHL+10, BH18b, KMP11a, Ley11a, PROGMA10]. **vitae** [BCT19]. **vitality** [WLC17]. **viticulture** [AATBPAB15a]. **vocabularies** [JYM+16]. **vol** [Ho16]. **volatile** [ZXH10]. **volume** [WM17]. **volumes** [Sch14b]. **voluntary** [BDE11, SMLHCP17]. **VOSviewer** [vEW10, vEW17]. **voting** [JYM+16, MOA16b]. **vouchers** [ACAGD+17]. **VQR** [AD16]. **vs** [GSTD11, MBL18]. **vu** [GREL14].

wait [PR15]. **wake** [KNK+19, SSZL18]. **walking** [LW10]. **wall** [GRSS16]. **walls** [Mik17]. **Waltman** [Pra12a, OL11]. **War** [HH17c, Bra12a, JJR10]. **warfare** [MM18, MM19]. **warming** [AM18, MHFB17]. **warning** [Har15b]. **wars** [IJF16]. **Warsaw** [KBL15]. **waste**

[ACD13, CJY+15, LFLG14, RJ14, YCL+13a, YCL+13b]. **wastewater** [ZWW+15]. **Watch** [RV18a, RV18b]. **Water** [WYH10, CWH11, DSG+15, HC16b, WXZ+16, YYS+10, ZLL+15]. **watershed** [GG14]. **way** [KLL14, MCR+12, Moe10, RGGBV16]. **ways** [Har13b, PRRC16, Sch13a]. **Weak** [PNS+10, CO10, MS15b]. **weak-links** [MS15b]. **weakest** [Lin10]. **weakness** [Pra19e]. **weaknesses** [LKY17]. **wealth** [Hor18, Kor19, PL18, Pra17b]. **weapons** [ACMP13]. **weather** [AM18]. **Web** [Che20, Har13c, Mik10, AYS+13, BIL15, BPJ+14, CL16, GRSFVdMA14, GWS15, KBT14, LP12, LAS14, Lor14, MBTKA14, Moo15, OMR14, SMY15, SK14b, TCH+15, YQX10, YS13, AT18, AZKR13, ÁBMB17, AL12, Ard12, BI10b, BI18b, BBDS+14, BBJS16, Cam18, Che18a, CP12c, DBO+18, DNAH15, Don17, DGGBDG17, Fra10, FGP13, GRSFV+14c, GY12, Gau17, GK18, HA16, Har19b, HB17a, HHBB18, HBA19, Hol10, HSPY15, IWK18, Jac12, Jac18, JZL10, LCR13, LRY18, Liu19, MdBdP+19, MMOMLC18a, MB15, MF14, ML10, MSB18, MMA18, MPH16, OMAT19, PHDC16, RAM18, RCETS19, VRF12, VBTK19, WFS16, Wil15, XHA+19, ZCL14, ZHL19, ZLL19, dWZD14]. **web-based** [AYS+13, CL16, Moo15]. **web-citations** [BPJ+14]. **Web-of-Science** [LCR13]. **webometric** [AOFU10, Agu12, Fan15a, Hol10, The12]. **Webometrics** [KÖG12, KG13, CP14, KP12a, KLPP16, MOA16b, Lor14]. **website** [KBT15, MBA13]. **websites** [OMOR13b, PQG14]. **Wechat** [ZW17b]. **week** [BHDI18]. **Wegener** [ARE+18]. **weight** [Pra19e]. **Weighted** [Abb11, Abb13, ACC+16, CGKB18, EG16, FSSPG+15, LGPC18, LSS15, LSS16, Yur18a, Zha17, Zyc10]. **weighting** [AW11, CTL+19, MBSB17]. **weights** [ACP12, DQ11, NF13]. **welfare** [GMJ+17, KKBW17]. **well** [BTL19, KHA17, OCM+12, Tor13, ZCW14, ZHG16]. **well-adjusted** [OCM+12]. **well-being** [Tor13]. **West** [Mêg13a, Mêg13c, Ole12]. **Western** [Bai18, Geo17, SDS19]. **Whatever** [SS18]. **Where** [GE11, KGB+18, TBS15, YP19, ZG12a, ZW18a, AC13, Cop19a, Glä15, Koz15, Laa14, Tol11]. **Which** [ADR19, BG18, Chi14, GG19, MHTB17, MT15, TK17, WWC19, ADC12, Bjø19, CL13, DGDGSV15, GRSFVMB12, KM18c, WLF15, XGL+19, CMO11]. **white** [JSZ13]. **Who** [CC16, Eld19, EC16, HH17b, JSZIZ13, Kwi18, Sak19, XG18, XYHD18, YHL+18, Zhu17, AC12, BC13b, BL11b, FB10, GRSFV16a, San18, VH17]. **whom** [IDKF17]. **wide** [CCM+11]. **wide-scale** [CCM+11]. **wider** [JDH12]. **widespread** [Sch15a, Wu18]. **Wikipedia** [PB17b, SLISC17]. **Wil** [Ben11]. **Will** [CGPT15, APPS15, JC11, PG12, RRLNAG15]. **willingness** [PR15]. **Wind** [SLISC17, GYZ15, SCGZSL+13]. **window** [Cam11, HC14b, SL13, Wan13]. **windows** [CLHH10, HC16c]. **wine** [ATCCAAB19]. **wings** [HA17b]. **winners** [Fie15b, GW10a, Har13d, HR17, MSYW12]. **winning** [CMT18, MTA+18, SBB16]. **wins** [Ano12c, Ano14, Ano17a, KL16]. **withdrawal** [QA18]. **Within**

[PRRC15, ADD14b, ACFL11, APT13, Ama16, BKG16, BL15, CGV12, CyPP12, DLGP16, HFW+14, LC18, LMR16, MWH14, PYW18, Pra17b, RPGM10, Shi14, The19a, UMK14, ZRY+12, ZB12]. **Within-** [PRRC15]. **without** [HLSW18, KKS+17, Lyk18, WST14]. **woke** [HH17b]. **Wolfgang** [Pen19]. **Women** [FB10, PFDL17, DVB15, GK14, HC14a, HMCD+19, HAJ12, IMHG12, IMH13, KPS12, KK13, NH14, yTnL17, VCC12, ZCMVQS11]. **won** [MSYW12]. **word** [AW11, CDM18, CLSW19, Dan14, DVB14, FZZ17, GW15a, HHDL13, KD18, KO19, LSS15, LSS16, LHCH18, LHW12, OGOPPR17, RAS15, RFGBMA13, WZS12, WLLL12, WCL14, WZW15, Xie15, YLL15b, YWC12, ZLL+17, ZSY+13]. **Word2Vec** [HWQ+18]. **words** [Zit15]. **Work** [MHC+15, WKK16, ARK+15, BSMD11, CSO17, Ho14, Lyk18, MAA18, NCG+19, Par15, RH18, SBB16, SJOC18, Tor13]. **Workbench** [BHL+10]. **workflows** [GWP16, MFF+16]. **working** [BM14b, PCR18, PRRC16, Tod14]. **works** [Ho13b, KMS16, MM14b, MHTB17, ZZFD18b]. **workshop** [Ano11, Ano15]. **World** [GAGT15, Saf19, SFM16, ADV11, AZSA14, AZSA16, ACRC17, BMM14, BPJ+14, BPGGdMA12, hCyL12, Doc13, GZ18, GB14b, GS12, HHZ14, HYYL12, HLY14, HW10, JBMR11, Kor19, LP12, LJJ+16, Mat12, Moe17, Osw10, Pie18, RY14, SC18, SUP15, SH15c, TYYW16, Veu10, ZXH10, ZGL14, ZWHH13, HH17c, PP11, SH15b]. **world-class** [LP12]. **world-leading** [Osw10]. **Worldwide** [WW15, XZZ15, Hal13, LVSL18]. **worse** [HS16a]. **Worsening** [Pau10]. **worst** [SR16]. **WoS** [Che18a, Che20, GK18, BI10a, FMM16, MÁB18, SOBM16]. **Wray** [Pet18b]. **Writing** [AS18a, HC15a, HC16a, JKN19, Lei16, MC15, OK13]. **written** [BHJD12, Har16b, MSYW12, ZXLX14]. **wrong** [Cha17b]. **wronged** [vRvLV11].

X [Sch15c, Saf13]. **X-centage** [Sch15c].

Year [BT18c, Egg14b, MR13, MHTB17, BHL18, Cam11, CH15, DMB17, HA17a, Hou17, KKT+18, LGH+14, ML18, MB14, MDDG17, PKR15, PFL19, TBW+12, vdBBdK16, BT18b]. **Year-based** [Egg14b, MR13]. **yearly** [Fan18]. **Years** [WB15, AER+14, AAG14, AP16, Bar11, CAS16, CG18b, DWGL16, EBR16, HLSC18, JDG14, KGB+18, MGT14, OHT10, PHBN+15, RBBG18, SMF18, Sni16, SRP13, The18c, Tod14, VACCAJ18, WLC17, WOW13, WS13b, YWG14, ZLG+15, dCdSNB15]. **Yes** [MRLW15, Mou15b]. **Yesterday** [GN17]. **young** [CSS+16, HL15, KY16, Kos15, QZL+17]. **younger** [vRW18]. **Yugoslav** [IJF16]. **Yugoslavia** [IJF16, JJR10].

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