

# A Complete Bibliography of *ACM Transactions on Interactive Intelligent Systems (TIIS)*

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## Title word cross-reference

3 [HJ11, TSSL15, TRO<sup>+</sup>19]. *N* [MLD<sup>+</sup>21].  
**2017** [CDF19]. **2018** [BBQ20]. **2019** [BCKC20].  
**AAR** [DKI<sup>+</sup>21, KDA<sup>+</sup>22]. **AAR/AI** [DKI<sup>+</sup>21, KDA<sup>+</sup>22]. **Abilities** [CLRT20, SCC14]. **Ability** [HKR<sup>+</sup>18, MHC<sup>+</sup>18]. **Abnormal** [MWP<sup>+</sup>21]. **Abstract** [SYS<sup>+</sup>15]. **Academic** [DMGG13]. **Accelerating** [RRS<sup>+</sup>22]. **Acceptability** [KMO22]. **Access** [CSM<sup>+</sup>12]. **Accessible** [MGP<sup>+</sup>22]. **Accountable** [TVA<sup>+</sup>21]. **Accuracy** [HKR<sup>+</sup>18, KB17, SFKL20]. **Accurate** [PCNB17]. **ACM** [BBQ20, BCKC20, CDF19, KGCC18]. **Acquisition** [FBS13]. **Action** [DKI<sup>+</sup>21, LPBG19]. **Activation** [SVK16]. **Active** [BHS<sup>+</sup>21, HJ11, HRAR18, KPSK17]. **Activities** [NKP<sup>+</sup>19]. **Activity** [APY<sup>+</sup>20, BBT<sup>+</sup>15, YSD15, YK16]. **ADAM** [HWM<sup>+</sup>22]. **Adapting** [SVK16]. **Adaptive** [BLIC21, CMTB15, GSC<sup>+</sup>17, HTOB<sup>+</sup>20, HWM<sup>+</sup>22, KDMA12, Moh21, PSOC16, SLH<sup>+</sup>21, TRO<sup>+</sup>19, VBCC20, WZB<sup>+</sup>16, WES16, YDL<sup>+</sup>17, ZLG22, HBP<sup>+</sup>12, LPBG19]. **Added** [RAMZ<sup>+</sup>17]. **adjusting** [KKS22]. **Adult** [BPUP22, KMO22]. **Adults** [RSvO<sup>+</sup>22, RD21, SBN<sup>+</sup>18]. **Advertisements** [PW19]. **Advice** [SHY16, TOF16]. **Advising** [DMGG13, HWM<sup>+</sup>22]. **Advisor** [SHY16].

**Aerial** [DM17]. **Aerobic** [MVH20]. **Aesthetic** [BSKC21]. **Affect** [BDO+16, CLP+14, KD20, YLVE12, EWS12]. **Affect-Aware** [KD20]. **Affectionate** [CNI15]. **Affective** [MDR+22, NCWC17, SYS+15, CRP+12, ONTHS11, DG12]. **After** [DKI+21]. **After-Action** [DKI+21]. **Agent** [BMD+15, COAR16, DHS+17, EBB+22, MDR+22, RSvO+22, TSN+16, JIKB22, KCM22]. **Agents** [CRO+16, HZKW21, JIKB22, KW16, KLC+22, MGP+22, OPM17, PLBW17, PAGM15, SBN+18, VPB16, ZMLY19, BSBC12, INN13]. **Aggregate** [SFKL20]. **Agile** [CSO+22]. **AI** [DKI+21, CSO+22, DKI+21, KDA+22, MVH20, MZR21, NSA+22, NRB+22, PDA+21, Shn20, VOA+22, WY22, Yan21]. **AI-Assisted** [WY22]. **AI-Supported** [VOA+22]. **Aided** [DM21]. **Air** [AUMT16, GGC+19, HCD+20]. **AI's** [KDA+22]. **Algorithm** [LBC+21]. **Algorithmic** [DDGMP20, SW20]. **Allow** [RAMZ+17]. **aloud** [FLT20]. **Alphabet** [PLBG19]. **ALVA** [KPSK17]. **am** [EBB+22]. **Amateur** [SYS+15]. **Ambiguity** [CDK+18]. **among** [MDR+22]. **Analogous** [KCTH19]. **Analysis** [BMD+15, BEH22, EVB+20, FWY+18, KB17, LZL+23, LC18, MBR16, MWP+21, NKP+19, PSC+16, SYS+15, SDW+18, SKKM15, vdGPOvB+13]. **Analytic** [CQW+14]. **Analytics** [AGH+23, DSEV19, DPS+19, HMO22, KPSK17, SMM20, SKG+18, TVA+21]. **Analyzing** [KKL+19]. **AnchorViz** [SGR+20]. **Android** [BSKC21]. **animation** [GCDN11]. **Annotated** [MKW21]. **Annotation** [BMD+15, KP18]. **Anomaly** [Riv14]. **Answering** [SV22]. **Anxiety** [EBB+22]. **anxious** [EBB+22]. **Anything** [SG12]. **AOI** [LBC+21]. **AOI-shapes** [LBC+21]. **application** [KPP14]. **Applications** [EVB+20, KTD17, NRB+22, PCNB17, ZBGD14]. **Approach** [BFY+21, COAR16, DSV17, DPS+19, FB18, HBKM20, NSMM18, OPM17, PW19, SJS+21, SMM20, TTL+22, EWS12, ONTHS11]. **Approaches** [AGH+23, BHS+21, SGS+12]. **Architecture** [RPRK+21, VLP+15]. **Archives** [HMO22]. **Areas** [LBC+21]. **Argumentation** [DMGG13]. **Argumentative** [RK16]. **Arguments** [RK16]. **Armband** [PLBG19]. **Arousal** [MKW21]. **Art** [GRNW15, SYS+15, TFT21]. **Article** [Zho22]. **articles** [CSM+12]. **Artificial** [GGK+21, TOF16, Zho21, BSBC12]. **Artistic** [DDGMP20]. **Arts** [SHA+15b, SHA+15a, YDL+17]. **Aspects** [DDGMP20]. **Assessing** [COAR16]. **Assistance** [GRC+12, HBP+12]. **Assistant** [BPUP22, HWM+22, MBD+15]. **Assisted** [WY22]. **Assisting** [YNK+22]. **Associated** [DLMC15]. **Asynchronous** [HC16]. **attachment** [HCDRB12]. **attachment-like** [HCDRB12]. **Attention** [DPA20, NWP+18, PAGM15]. **Attentive** [BLIC21]. **AttentiveVideo** [PW19]. **Attitude** [CRO+16]. **Audience** [YDL+17]. **Audio** [EGQ16]. **audiovisual** [SGS+12]. **Auditory** [FB18]. **augmentation** [MGF13]. **Authentication** [AUMT16]. **authoring** [YIS+14]. **Autism** [WZB+16]. **Auto** [FJZ+22]. **Auto-Icon** [FJZ+22]. **Automated** [BMD+15, FJZ+22, SHY16]. **Automatic** [DGG16, DK15, FLT20, MBR16, PSOC16, SGS+12]. **Automatically** [BDO+16]. **Automating** [AMN+13]. **Automation** [CLS+18]. **Autonomous** [BEC+20, HWM+22]. **AutoTutor** [DG12]. **Avatars** [HHC20]. **Aware** [BFY+21, BMD+15, KK13, KD20]. **awareness** [INN13]. **back** [DG12]. **Backgrounds** [NRB+22]. **Bandit** [BHNP20]. **Bandit-Based** [BHNP20]. **Based** [BHNP20, GGC+19, NSMM18, OPM17, PASR+16, SSL+19, SG12, TSSL15, TVCL16,

WHLZ18, AF22, AL22, BSKC21, CYW19, RAE<sup>+14</sup>, SCLH21, WRH18, YLVE12].

**Bases** [KH12]. **Basis** [NYYT16, RK16, SLH<sup>+21</sup>]. **Bayes** [KSW<sup>+11</sup>]. **Be** [IOKY16a, YYI<sup>+16</sup>].

**Behavior** [BLV14, CRO<sup>+16</sup>, CNI15, DK15, IOKY16a, KMAM20, Moh21, RSvO<sup>+22</sup>, RK16, SHA<sup>+15b</sup>, SHA<sup>+15a</sup>, SWS21, YT15, CRC<sup>+12</sup>, HCDRB12, JFNY13]. **Behavioral** [CMPS17, RHS19]. **Behaviors** [BLIC21, LC18, RAMZ<sup>+17</sup>, YIS<sup>+14</sup>]. **Being** [DPA20, MDR<sup>+22</sup>]. **Benefits** [TSSL15].

**Between** [Shn20]. **Beyond** [KB17, ZGZ<sup>+16</sup>]. **Beyond-Accuracy** [KB17]. **Bi** [KKL<sup>+19</sup>]. **Bi-Level** [KKL<sup>+19</sup>].

**Bias** [FBS13, GSC<sup>+17</sup>, PKCS12]. **Big** [CMPS17, CGHS17]. **Binary** [NLN<sup>+14</sup>].

**Biohazard** [PASR<sup>+16</sup>]. **Blocks** [ZF17].

**Body** [NKP<sup>+19</sup>, PSOC16, WES16, BSBC12, SDD12]. **BONNIE** [SB21]. **Bottom** [SCLH21]. **Bottom-up** [SCLH21]. **Boxes** [TVCL16]. **Brain** [YDL<sup>+17</sup>].

**Brain-Adaptive** [YDL<sup>+17</sup>]. **Bridging** [Shn20]. **Brief** [SHA<sup>+15b</sup>]. **browser** [TDBL13]. **Building** [SB21].

**can** [KK12]. **Capabilities** [KW16].

**Capable** [CNI15]. **Capturing** [GRC<sup>+12</sup>, KLR<sup>+18</sup>]. **Care** [YYI<sup>+16</sup>].

**caregiving** [HCDRB12]. **Case** [DSEV19, KLC<sup>+21</sup>, SG12, VOA<sup>+22</sup>].

**Case-Based** [SG12]. **casual** [JFNY13].

**Category** [Zho22]. **Center** [DPA20].

**Centered** [FG18, FB18, Zho21, BHS<sup>+21</sup>, Shn20, Yan21].

**Centred** [SV22]. **Change** [Moh21].

**Changes** [DLMC15, MKS<sup>+17</sup>, YLVE12].

**Characterization** [OBG<sup>+19</sup>].

**Characterizing** [WBL<sup>+13</sup>]. **Chatbots** [KMO22, SP22]. **Child** [RHS19]. **children** [ONTHS11]. **Chronodes** [PCK<sup>+18</sup>].

**Citation** [WSL<sup>+18</sup>]. **Citizen** [HCD<sup>+20</sup>].

**Classification** [AHJR18, DGG16, DLMC15, JWK14, KPSK17, ZCC21, KSW<sup>+11</sup>].

**Classroom** [BSKB21]. **Classrooms** [BDO<sup>+16</sup>]. **Client** [MWP<sup>+21</sup>]. **ClioQuery** [HMO22]. **Clouds** [KD20]. **Clustered** [ZCC<sup>+18</sup>]. **Clustering** [NSMM18, SMM20].

**CNN** [DPA20]. **Co** [DHS<sup>+17</sup>].

**Co-Creative** [DHS<sup>+17</sup>]. **Coach** [MVH20].

**Coaching** [Moh21, ZT22]. **Code** [FJZ<sup>+22</sup>, LZL<sup>+23</sup>]. **Coding** [CDK<sup>+18</sup>].

**Cognition** [Moh21]. **Cognitive** [BEC<sup>+20</sup>, CLRT20, NCWC17, RPRK<sup>+21</sup>, SCC14, ZLG22, CRC<sup>+12</sup>]. **cognitively** [DG12]. **Collaboration** [DHS<sup>+17</sup>].

**Collaborative** [FBC14, LCKM23, PYDM16]. **Collective** [NWP<sup>+18</sup>, PCK<sup>+13</sup>]. **Colonoscopy** [VOA<sup>+22</sup>]. **Column** [Zho20, Zho21].

**Combating** [GSC<sup>+17</sup>]. **Combining** [CLRT20]. **Commerce** [BHNP20].

**Commodity** [ZGZ<sup>+16</sup>]. **Common** [DJH<sup>+12</sup>, GRC<sup>+12</sup>, KH12, LH12, Moh21].

**Communicating** [MHC<sup>+18</sup>].

**Communication** [KCTH19, TSN<sup>+16</sup>, SFTI<sup>+13</sup>]. **Community** [HCD<sup>+20</sup>, VSR12]. **Companion** [CLP<sup>+14</sup>].

**Companionable** [SBN<sup>+18</sup>]. **Comparing** [CLRT20]. **Comparison** [PLBG19, TRO<sup>+19</sup>, SGS<sup>+12</sup>].

**Comparisons** [MSD<sup>+16</sup>, WY22].

**Competent** [RSvO<sup>+22</sup>]. **Completion** [CLJ21]. **Completions** [BLO22]. **Complex** [GGK<sup>+21</sup>, TVCL16]. **Complexity** [GGK<sup>+21</sup>]. **Complying** [SHY16].

**Components** [BHNP20]. **Composition** [LDS<sup>+22</sup>]. **Comprehensive** [HMO22].

**Computational** [LZL<sup>+23</sup>, OBG<sup>+19</sup>, PKCS12]. **Computer** [And12, BDO<sup>+16</sup>, ITB19, KCTH19, KKS22, PBKS20, SDD12]. **Computer-Enabled** [BDO<sup>+16</sup>]. **Computer-Mediated** [KCTH19]. **computers** [DG12].

**Computing** [Yan21]. **Concept** [SGR<sup>+20</sup>].

**Conceptual** [BEH22, WRH18].

**Confidence** [SLMK18]. **Conflict** [Hol18].

**Connecting** [GRNW15]. **Consideration**

[DLMC15]. **Considering** [BEH22]. **Constraints** [BLO22]. **Contact** [XZY16]. **Content** [DSEV19, KB16, RAE<sup>+</sup>14]. **Content-based** [RAE<sup>+</sup>14]. **Context** [AL20, BMD<sup>+</sup>15, CLP<sup>+</sup>14, DPA20, HK16, HTOB<sup>+</sup>20, KK13, KLR<sup>+</sup>18, SVK16, TSSL15, YT15]. **Context-Aware** [BMD<sup>+</sup>15, KK13]. **Context-dependent** [HTOB<sup>+</sup>20]. **Context-Sensitive** [CLP<sup>+</sup>14]. **Contextualization** [GSC<sup>+</sup>17]. **Contingent** [WZB<sup>+</sup>16]. **Continuous** [SDD12, VOA<sup>+</sup>22, EWS12, ZBGD14]. **Control** [GKP15, KK12]. **Controllable** [DBTV20]. **Conversation** [CSD14, AC13]. **Conversational** [EBB<sup>+</sup>22, HZKW21, KLC<sup>+</sup>22, MDR<sup>+</sup>22, OPM17, PAGM15, SCKOGP15, SP22, INN13, JFNY13]. **Conversations** [HC16, OBG<sup>+</sup>19, ZF17, SGS<sup>+</sup>12]. **Conveys** [YYI<sup>+</sup>16]. **ConVisIT** [HC16]. **Cooperative** [MGF13]. **correlation** [GGC<sup>+</sup>19]. **Coverage** [KB17]. **Create** [OPM17]. **Creating** [KK12, SBN<sup>+</sup>18]. **creation** [PCK<sup>+</sup>13]. **Creative** [DHS<sup>+</sup>17]. **Criminal** [HZKW21]. **Critical** [AYL<sup>+</sup>22]. **cross** [SFTI<sup>+</sup>13]. **cross-lingual** [SFTI<sup>+</sup>13]. **Crowd** [LC18, ZCC<sup>+</sup>18]. **Crowds** [GRNW15]. **Crowdsourced** [MTML20]. **Crowdsourcing** [DAW18, SFKL20]. **Cube** [CCM14]. **Cues** [Hol18]. **Culture** [CLS<sup>+</sup>18]. **Curious** [RPRK<sup>+</sup>21]. **Current** [BPUK18]. **Customer** [OBG<sup>+</sup>19]. **Customizable** [HBP<sup>+</sup>12]. **Cyberbullying** [DJH<sup>+</sup>12]. **Cyclicality** [DM17].

**D** [HJ11, TSSL15, TRO<sup>+</sup>19]. **Daily** [DFR15]. **Dance** [ABJ15]. **Data** [BHS<sup>+</sup>21, CMPS17, CGHS17, CLRT20, GGC<sup>+</sup>19, HBKM20, HMH<sup>+</sup>19, KTD17, LZL<sup>+</sup>23, PBKS20, SDW<sup>+</sup>18, SKKM15, SLH<sup>+</sup>21, SCC14, SGR<sup>+</sup>20, TTL<sup>+</sup>22, WSL<sup>+</sup>18, ZCC21, GCDN11, SGS<sup>+</sup>12]. **Data-Driven** [HBKM20, PBKS20, GCDN11]. **Dataset** [MKW21]. **Datasets** [AGH<sup>+</sup>23, HK16]. **debugging** [KSW<sup>+</sup>11]. **decade** [JR12]. **Decision** [CdGF<sup>+</sup>13, DMGG13, DM21, GGK<sup>+</sup>21, HSS<sup>+</sup>21, SLMK18, WY22]. **Decision-making** [HSS<sup>+</sup>21]. **Decisions** [KK13, TVA<sup>+</sup>21, HBP<sup>+</sup>12]. **Deep** [KCC<sup>+</sup>19]. **Defects** [BSKC21]. **defined** [BLO22, LBC<sup>+</sup>21]. **dependent** [HTOB<sup>+</sup>20]. **Depicting** [SWS21]. **Depression** [EBB<sup>+</sup>22]. **Design** [AUMT16, DK18, FB18, HC16, JYL16, KCM22, MZR21, VBCC20, YIS<sup>+</sup>14, ONTHS11, TDBL13, ZBGD14]. **Designing** [HBKM20, MVH20, Moh21]. **Designs** [FJZ<sup>+</sup>22]. **Detect** [BDO<sup>+</sup>16]. **Detecting** [NCWC17]. **Detection** [BSKC21, DPR<sup>+</sup>22, DK15, DJH<sup>+</sup>12, FLT20, KP18, MR19, MWP<sup>+</sup>21, Riv14, TBK<sup>+</sup>20]. **detectives** [PCK<sup>+</sup>13]. **Developing** [HZKW21, KCTH19]. **Development** [FJZ<sup>+</sup>22, MGP<sup>+</sup>22, YK16]. **Dialog** [ZF17]. **Dialogue** [And12, MR19, RSvO<sup>+</sup>22, ZT22]. **Diet** [HMH<sup>+</sup>19]. **Differences** [AYL<sup>+</sup>22]. **Diffusion** [AL20]. **Digital** [GRNW15, YDL<sup>+</sup>17]. **Dimension** [VPB16]. **Dimensional** [GSC<sup>+</sup>17, SDW<sup>+</sup>18, EWS12]. **Dimensionality** [DM17]. **Diminish** [Hol18]. **Direction** [MKS<sup>+</sup>17]. **Directions** [BPUK18, JJ17, NBHJ16]. **Disclosure** [KK13, SW20]. **Discourse** [RSvO<sup>+</sup>22]. **Discovering** [CMPS17, RD21, ZF17]. **Discovery** [KB16, SGR<sup>+</sup>20]. **Discussions** [RK16]. **Disease** [MBD<sup>+</sup>15]. **Disorders** [MDR<sup>+</sup>22, WZB<sup>+</sup>16]. **Display** [NWP<sup>+</sup>18]. **displayed** [BSBC12]. **displays** [MGF13]. **Distancing** [DM17]. **Distinguished** [Afe18]. **Distraction** [DPR<sup>+</sup>22]. **Diverse** [BHNP20, PCNB17]. **Diversity** [KB17, SFKL20, TB20]. **Diversity-Promoting** [TB20]. **Do** [GRC<sup>+</sup>12, SW20]. **Document** [SMM20]. **Domain** [DMGG13, ITB19, OHZ<sup>+</sup>18, OLS21, SG12]. **Domain-Independent** [ITB19]. **Dominance** [NYYT16]. **don't** [EBB<sup>+</sup>22].

**Drama** [CSD14]. **Drawing** [DHS<sup>+</sup>17]. **Drift** [MKS<sup>+</sup>17]. **Driven** [DSV17, HBKM20, PBKS20, GCDN11, KPP14, SFTI<sup>+</sup>13]. **Driver** [DPR<sup>+</sup>22]. **Drivers** [HWM<sup>+</sup>22, KK12]. **Driving** [HWM<sup>+</sup>22, WZB<sup>+</sup>16]. **Drone** [TRO<sup>+</sup>19]. **During** [SLMK18, GSC<sup>+</sup>17, YLVE12]. **dyadic** [HCDRB12]. **Dynamic** [OHZ<sup>+</sup>18, TVCL16]. **Dynamics** [SKG<sup>+</sup>18]. **Dyslexic** [WCS20].

**E-Commerce** [BHNP20]. **E-learning** [WCS20]. **Eating** [LPBG19]. **EDAssistant** [LZL<sup>+</sup>23]. **Editing** [TVCL16]. **Editorial** [LC18, Zho22]. **Educational** [WBL<sup>+</sup>13]. **EEG** [AHJR18]. **Effect** [BLIC21, CLS<sup>+</sup>18, HHC20, KKL<sup>+</sup>19, ZLW17, ZMLY19]. **Effective** [RHS19, KR14]. **Effector** [CMGM18]. **Effects** [CRO<sup>+</sup>16, DM17, SHY16, WY22]. **Efficient** [LBC<sup>+</sup>21, NLN<sup>+</sup>14, SWS21]. **Elicit** [EVB<sup>+</sup>20]. **Eliciting** [HCDRB12]. **Email** [HHC20]. **Embedded** [TTL<sup>+</sup>22]. **Embeddings** [AL22]. **Embodied** [OPM17, PAGM15, ZLW17]. **Embodying** [TDBL13]. **Emerging** [SCLH21]. **Emojis** [KCTH19]. **Emotion** [BEC<sup>+</sup>20, MKW21, PSOC16, WES16]. **Emotional** [BSBC12, DLMC15, PW19, SP22, MGP<sup>+</sup>22]. **emotionally** [DG12]. **Empathy** [BEC<sup>+</sup>20, PLBW17]. **Empirical** [BPUP22, CGT12, KB17, KDA<sup>+</sup>22]. **Employing** [CQW<sup>+</sup>14]. **Enable** [SG12]. **Enabled** [BDO<sup>+</sup>16, MDR<sup>+</sup>22]. **Encoding** [VSR12]. **Encounters** [FLT20]. **End** [CMGM18, FJZ<sup>+</sup>22, NSA<sup>+</sup>22, KSW<sup>+</sup>11]. **End-Effector** [CMGM18]. **End-to-End** [FJZ<sup>+</sup>22]. **end-user** [KSW<sup>+</sup>11]. **End-users** [NSA<sup>+</sup>22]. **Energy** [SWS21]. **Energy-Efficient** [SWS21]. **engagement** [INN13]. **Engaging** [HCD<sup>+</sup>20]. **English** [DMGG13]. **English-Language** [DMGG13]. **Enhance** [CMPS17]. **Enhanced** [WCS20, ZT22]. **Enhancement** [SSL<sup>+</sup>19]. **Enhancing** [KCC<sup>+</sup>19]. **Ensemble** [BHNP20]. **Entertainment** [SHA<sup>+</sup>15b, SHA<sup>+</sup>15a]. **Enthusiasts** [PDA<sup>+</sup>21]. **Environment** [DFR15, LCKM23, SHY16, VLP<sup>+</sup>15, WZB<sup>+</sup>16, TDBL13]. **Environments** [AG13, MBD<sup>+</sup>15, TSSL15, CRP<sup>+</sup>12]. **Errors** [KKL<sup>+</sup>19]. **Estimating** [INN13, NWP<sup>+</sup>18]. **Estimation** [APY<sup>+</sup>20, CMTB15, NYYT16]. **Ethics** [Shn20]. **Evaluating** [EBB<sup>+</sup>22]. **Evaluation** [GCDN11, HC16, KCM22, MKS<sup>+</sup>17, MZR21, Riv14, ZCC<sup>+</sup>18, YIS<sup>+</sup>14]. **Evaluations** [CYW19]. **Event** [DPS<sup>+</sup>19, KP18, MSD<sup>+</sup>16, PCK<sup>+</sup>18]. **EventAction** [DPS<sup>+</sup>19]. **Events** [SB21]. **Everyday** [EVB<sup>+</sup>20]. **Exercise** [MVH20]. **ExG** [SCLH21]. **ExG-based** [SCLH21]. **Experience** [JIKB22, KK12]. **Experiences** [COAR16, MDR<sup>+</sup>22]. **Experimental** [BHNP20]. **Experiments** [CSD14]. **Expert** [GGK<sup>+</sup>21, HKR<sup>+</sup>18]. **Expertise** [MTML20, OHZ<sup>+</sup>18, OLS21]. **Explain** [KLC<sup>+</sup>21]. **Explainable** [AF22, DPS<sup>+</sup>19, MZR21, TVA<sup>+</sup>21]. **Explaining** [DDGMP20]. **Explanation** [DMGG13, KLC<sup>+</sup>21, SJS<sup>+</sup>21]. **Explanations** [ADS<sup>+</sup>20, CYW19, KSP<sup>+</sup>20, PDA<sup>+</sup>21, SV22, WY22]. **Explicit** [JWK14]. **Exploitation** [BHNP20]. **Exploiting** [RAMZ<sup>+</sup>17]. **Exploration** [AUMT16, BHNP20, CCM14, GGC<sup>+</sup>19, MSD<sup>+</sup>16, PCK<sup>+</sup>18, SGR<sup>+</sup>20, ZGZ<sup>+</sup>16]. **Exploration/Exploitation** [BHNP20]. **Exploratory** [AG13, DSV17, KMO22, LZL<sup>+</sup>23, DBTV20, SKKM15, TRO<sup>+</sup>19]. **Explorer** [HSS<sup>+</sup>21]. **Exploring** [FWY<sup>+</sup>18, HSS<sup>+</sup>21, HC16, Moh21, SKG<sup>+</sup>18, TSSL15, TB20, VBCC20, YDL<sup>+</sup>17]. **Expression** [MKS<sup>+</sup>17]. **Expressions** [BEC<sup>+</sup>20, TVCL16]. **Expressive** [AF22, CMGM18, RPRK<sup>+</sup>21]. **Extended** [CLJ21, SCLH21]. **Extending** [ZGZ<sup>+</sup>16].

**External** [KW16]. **Extraction** [DAW18, LDS<sup>+22</sup>, SKKM15]. **Eye** [CLRT20, NBHJ16, SLH<sup>+21</sup>, SCC14, XZY16, AC13, INN13]. **Eye-tracking** [CLRT20]. **Eyewear** [MKS<sup>+17</sup>].

**Face** [MBR16, MTML20]. **Facial** [BEC<sup>+20</sup>, MKS<sup>+17</sup>]. **Facilitating** [SGR<sup>+20</sup>]. **Factorisation** [AF22]. **Factorisation-based** [AF22]. **factorization** [RAE<sup>+14</sup>]. **Fairness** [NSA<sup>+22</sup>]. **False** [VOA<sup>+22</sup>]. **FAtiMA** [MGP<sup>+22</sup>]. **Faults** [KDA<sup>+22</sup>]. **Feature** [AF22]. **Features** [CMPS17, OHZ<sup>+18</sup>, PSMO18]. **Federated** [MWP<sup>+21</sup>, Yan21]. **Feedback** [FB18, JWK14, NLN<sup>+14</sup>]. **Finder** [YNK<sup>+22</sup>]. **Finding** [CCM14, KDA<sup>+22</sup>, YNK<sup>+22</sup>]. **five** [EWS12]. **five-dimensional** [EWS12]. **Floor** [VLP<sup>+15</sup>]. **Fluid** [ZBGD14]. **Focus** [CDK<sup>+18</sup>]. **Follow** [ITB19]. **Follow-Up** [ITB19]. **Footprint** [LBC<sup>+21</sup>]. **Foraging** [PDA<sup>+21</sup>]. **ForSense** [RRS<sup>+22</sup>]. **Forums** [FWY<sup>+18</sup>]. **FourEyes** [SFKL20].

**Framework** [BHNP20, BEH22, CSO<sup>+22</sup>, DPA20, GKP15, HRAR18, JWK14, LL23, MZR21, PKCS12, PSMO18, SKG<sup>+18</sup>, WRH18]. **free** [KPMHB22, YNK<sup>+22</sup>]. **Freezing** [MBD<sup>+15</sup>]. **Full** [NKP<sup>+19</sup>]. **Full-Body** [NKP<sup>+19</sup>]. **functionality** [KPP14]. **Fusing** [BFOK12]. **Future** [BPUK18].

**Gait** [MBD<sup>+15</sup>]. **Galvanic** [NCWC17]. **Game** [CLP<sup>+14</sup>, KCM22, LCKM23, PDA<sup>+21</sup>, TSSL15]. **Game-Based** [TSSL15]. **Gameplay** [LCKM23]. **Games** [SHKM19]. **Gamification** [SJS<sup>+21</sup>]. **Gap** [Shn20]. **gastronomy** [CAB<sup>+13</sup>]. **Gaze** [BLIC21, INN13, IOKY16a, JFNY13, NYYT16, NBHJ16, PAGM15, RAMZ<sup>+17</sup>, SLH<sup>+21</sup>, SCC14, WZB<sup>+16</sup>, YYI<sup>+16</sup>, AC13]. **Gaze-Contingent** [WZB<sup>+16</sup>]. **Gaze-Exploiting** [RAMZ<sup>+17</sup>]. **General** [VLP<sup>+15</sup>]. **General-Purpose** [VLP<sup>+15</sup>]. **Generate** [KLC<sup>+21</sup>]. **generated** [DSEV19]. **Generating** [KSP<sup>+20</sup>, NYYT16, SV22, TTL<sup>+22</sup>]. **Generation** [AMN<sup>+13</sup>, CMGM18, DMGG13, FJZ<sup>+22</sup>, YN13]. **Generative** [KLC<sup>+21</sup>]. **Genome** [VSR12]. **gestural** [ZBGD14]. **Gesture** [CMTB15, KKL<sup>+19</sup>, KCTH19, PSOC16, TSSL15, SDD12, ZBGD14]. **Gestures** [AUMT16, KCTH19, MBR16, YYI<sup>+16</sup>]. **Givers** [TOF16]. **GO** [YNK<sup>+22</sup>]. **GO-Finder** [YNK<sup>+22</sup>]. **Graphical** [KTD17, TJLO20, VBCC20]. **Ground** [DAW18]. **Group** [AYL<sup>+22</sup>, CRO<sup>+16</sup>]. **Groups** [CSD14, FWY<sup>+18</sup>, KR14]. **GSR** [AHJR18]. **Guest** [LC18]. **GUI** [BLO22]. **Guidance** [BLIC21]. **Guidelines** [Shn20].

**Habitual** [RD21]. **Hand** [KCTH19, MBR16, OLS21, YNK<sup>+22</sup>, SDD12]. **Hand-held** [YNK<sup>+22</sup>]. **Hand-Over-Face** [MBR16]. **Handwriting** [OHZ<sup>+18</sup>]. **HCI** [DDGMP20]. **Health** [BPUP22, EBB<sup>+22</sup>, KMO22, MVH20, Moh21]. **Healthcare** [KLC<sup>+22</sup>, HBP<sup>+12</sup>]. **held** [YNK<sup>+22</sup>]. **Helpers** [COAR16]. **Hierarchical** [CKKD14]. **High** [GSC<sup>+17</sup>, MSD<sup>+16</sup>, SDW<sup>+18</sup>]. **High-Dimensional** [GSC<sup>+17</sup>, SDW<sup>+18</sup>]. **High-Volume** [MSD<sup>+16</sup>]. **Highlights** [BBQ20, BCKC20, CDF19, HKOT22, JR12]. **HILC** [ITB19]. **Historical** [HMO22, MTML20]. **History** [HK16]. **Holistic** [MLD<sup>+21</sup>]. **Home** [DFR15]. **Homeless** [JIKB22]. **Household** [HBKM20]. **Human** [AHJR18, And12, BPUK18, BMD<sup>+15</sup>, BHS<sup>+21</sup>, CSO<sup>+22</sup>, CdGF<sup>+13</sup>, DM17, FG18, Gil15, HMH<sup>+19</sup>, JIKB22, JCL<sup>+19</sup>, KFWL14, KP18, KGCC18, KCM22, LC18, MR19, MTML20, NSA<sup>+22</sup>, PBKS20, RAMZ<sup>+17</sup>, RK16, Shn20, TSN<sup>+16</sup>, TOF16, VLP<sup>+15</sup>, WRH18, WHLZ18, XZY16, Zho21,

GR13, HCDRB12, ONTHS11, SDD12].  
**Human-Agent** [TSN<sup>+</sup>16, JIKB22].  
**Human-AI** [CSO<sup>+</sup>22]. **Human-Centered** [FG18, Zho21, BHS<sup>+</sup>21, Shn20].  
**Human-Computer** [And12, PBKS20, SDD12].  
**Human-Environment** [VLP<sup>+</sup>15].  
**Human-in-the-Loop** [KP18, WHLZ18, HMH<sup>+</sup>19, KCM22, NSA<sup>+</sup>22].  
**Human-Machine** [JCL<sup>+</sup>19, KGCC18].  
**Human-Robot** [BPUK18, WRH18, XZY16, HCDRB12, ONTHS11]. **Humanized** [TFT21]. **Humanoid** [CNI15]. **Hybrid** [CSO<sup>+</sup>22, KSP<sup>+</sup>20]. **Hypothesis** [MSD<sup>+</sup>16].

**Icon** [FJZ<sup>+</sup>22, SFTI<sup>+</sup>13, FJZ<sup>+</sup>22].  
**icon-driven** [SFTI<sup>+</sup>13]. **idea** [YN13].  
**Identification** [LPBG19, SVK16].  
**Identifying** [MTML20]. **I'll** [YYI<sup>+</sup>16].  
**Illmo** [Mar14]. **Illocutionary** [SV22].  
**Image** [AGH<sup>+</sup>23, TBK<sup>+</sup>20]. **Images** [DDGMP20]. **Impact** [WSL<sup>+</sup>18].  
**Impactful** [HHC20]. **impairments** [AFFB14, CSM<sup>+</sup>12]. **Implicit** [JWK14].  
**Importance** [NRB<sup>+</sup>22]. **Impressions** [NRB<sup>+</sup>22]. **Improve** [GGK<sup>+</sup>21, SFKL20].  
**Improving** [KKS22]. **In-the-Wild** [MDR<sup>+</sup>22]. **Inclusive** [GRNW15].  
**Incremental** [DFR15]. **Independent** [ITB19]. **indicators** [CRC<sup>+</sup>12].  
**Individualising** [TJLO20]. **Individually** [BFOK12]. **Individuals** [WZB<sup>+</sup>16, CSM<sup>+</sup>12]. **Inducing** [CSD14].  
**Inference** [SCKOGP15]. **Inferring** [KW16, RAMZ<sup>+</sup>17, SCC14]. **Influence** [KGCC18, YC23]. **Influencing** [BFOK12].  
**Information** [BPUP22, CMPS17, CLJ21, GGC<sup>+</sup>19, KK13, KLR<sup>+</sup>18, SLH<sup>+</sup>21, SW20].  
**Initial** [VOA<sup>+</sup>22]. **initiated** [ZCC21].  
**Input** [KKL<sup>+</sup>19, vdGPOvB<sup>+</sup>13].  
**input-output** [vdGPOvB<sup>+</sup>13]. **Inputs** [EBB<sup>+</sup>22, SCLH21]. **Inspection** [AYL<sup>+</sup>22].  
**Installation** [GRNW15]. **Instruction** [Gil15]. **Instructions** [BLV14].

**Instrumented** [CSD14]. **Integrated** [AFFB14, DSEV19]. **Integration** [RRS<sup>+</sup>22].  
**Intelligence** [GGK<sup>+</sup>21, Zho21, PCK<sup>+</sup>13].  
**Intelligent** [BBQ20, BCKC20, BEH22, CGHS17, CDF19, EVB<sup>+</sup>20, EGQ16, GRC<sup>+</sup>12, JR11, KW16, KGCC18, NBHJ16, PBKS20, PASR<sup>+</sup>16, ZCC21, CAB<sup>+</sup>13, DG12, JR12, SFTI<sup>+</sup>13].  
**Intent** [KLR<sup>+</sup>18]. **Interacting** [CAB<sup>+</sup>13, JJ17, RSvO<sup>+</sup>22]. **Interaction** [BPUK18, BBT<sup>+</sup>15, CLRT20, CNI15, EGQ16, FB18, KFWL14, KGCC18, KB16, LL23, NYYT16, PBKS20, SB21, SDW<sup>+</sup>18, TSN<sup>+</sup>16, TOF16, VLP<sup>+</sup>15, VSR12, XZY16, YC23, ZLW17, ZCC21, CRP<sup>+</sup>12, CRC<sup>+</sup>12, ONTHS11, SLM<sup>+</sup>13, SDD12, ZBGD14, vdGPOvB<sup>+</sup>13]. **Interactions** [BMD<sup>+</sup>15, DGG16, DM17, JCL<sup>+</sup>19, KCC<sup>+</sup>19, Moh21, VOA<sup>+</sup>22, ZGZ<sup>+</sup>16, HCDRB12, JFNY13].  
**Interactive** [ABJ15, BSKB21, CMTB15, CGHS17, CCM14, CFD<sup>+</sup>14, CKKD14, DSEV19, DK18, GRNW15, HMO22, HC16, JR11, KTD17, KGCC18, LH12, LC18, LDS<sup>+</sup>22, Mar14, MKF<sup>+</sup>15, NBHJ16, NSA<sup>+</sup>22, NLN<sup>+</sup>14, NRB<sup>+</sup>22, NSMM18, PCNB17, PCK<sup>+</sup>18, SVK16, SJS<sup>+</sup>21, SMM20, SKKM15, SGR<sup>+</sup>20, SG12, TVA<sup>+</sup>21, ZCC21, GCDN11, HJ11, JR12, KPP14, YIS<sup>+</sup>14].  
**Interest** [LBC<sup>+</sup>21]. **Interface** [AL22, BBQ20, BCKC20, CDF19, DMGG13, DK18, SWS21, TVCL16, SFTI<sup>+</sup>13].  
**Interfaces** [BSKC21, SV22, TB20, YC23, ZBGD14].  
**Interference** [NCWC17]. **Intergroup** [Hol18]. **Internal** [RHS19]. **Internet** [GR13, PCK<sup>+</sup>13, YN13]. **Internet-scale** [GR13, PCK<sup>+</sup>13, YN13]. **Interpersonal** [CRO<sup>+</sup>16, JCL<sup>+</sup>19]. **Interpretations** [PSMO18]. **Interpreting** [AL20, BLV14].  
**Intervention** [RHS19, WZB<sup>+</sup>16].  
**Introduction** [AC13, BCKC20, BBT<sup>+</sup>15, CRP<sup>+</sup>12, CGHS17, CFD<sup>+</sup>14, FG18, GR13, HKOT22,

JR11, JR12, LH12, NBHJ16, SHA<sup>+15b</sup>, SLM<sup>+13</sup>, TOF16, Zho20, Zho21, Zho22]. **Investigating** [CGT12]. **Investigation** [HMO22]. **Investigations** [HZKW21]. **Involvement** [BEH22]. **Involving** [NSA<sup>+22</sup>]. **IoT** [HBKM20]. **Isolated** [SBN<sup>+18</sup>]. **Issue** [BBQ20, BCKC20, BBT<sup>+15</sup>, CGHS17, CDF19, CFD<sup>+14</sup>, FG18, HKOT22, KGCC18, KLC<sup>+22</sup>, LH12, LC18, NBHJ16, PBKS20, SHA<sup>+15b</sup>, TOF16, TVA<sup>+21</sup>, CRP<sup>+12</sup>, JR12, SLM<sup>+13</sup>]. **Issues** [TFT21]. **item** [RAE<sup>+14</sup>]. **Items** [SHK19]. **IUI** [BBQ20, BCKC20, CDF19, HKOT22].

**John** [Jam13]. **Just** [HKR<sup>+18</sup>].

**kernel** [HJ11]. **Key** [SP22]. **Keyterm** [NSMM18]. **Keyterm-Based** [NSMM18]. **Know** [OLS21, EBB<sup>+22</sup>]. **Knowledge** [BEH22, GRC<sup>+12</sup>, KH12, VSR12].

**Lab** [MBD<sup>+15</sup>]. **Labeling** [BHS<sup>+21</sup>, SJS<sup>+21</sup>]. **Language** [BLV14, DMGG13, FBC14, PLBG19, BSBC12, PCK<sup>+13</sup>]. **Large** [BSKB21]. **Latent** [AF22]. **laughter** [SGS<sup>+12</sup>]. **Layouts** [TJLO20]. **Leading** [DGG16]. **Learn** [KLC<sup>+21</sup>]. **Learned** [JCL<sup>+19</sup>, NRB<sup>+22</sup>]. **Learner** [BDO<sup>+16</sup>]. **Learning** [AG13, ADS<sup>+20</sup>, AL22, BHS<sup>+21</sup>, BLO22, CDK<sup>+18</sup>, CFD<sup>+14</sup>, CKKD14, DFR15, DG12, DK18, FG18, FB18, HMH<sup>+19</sup>, HTOB<sup>+20</sup>, JLL16, KFWL14, KTD17, KLC<sup>+21</sup>, KCC<sup>+19</sup>, KPSK17, MWP<sup>+21</sup>, MHC<sup>+18</sup>, NLN<sup>+14</sup>, PYDM16, RHS19, SHK19, SGR<sup>+20</sup>, WCS20, Yan21, ZLG22, HJ11]. **Lessons** [NRB<sup>+22</sup>]. **Level** [KKL<sup>+19</sup>, SDW<sup>+18</sup>]. **Levels** [LCKM23]. **Leveraging** [SFKL20]. **like** [HCDRB12]. **linear** [BFY<sup>+21</sup>]. **lingual** [SFTI<sup>+13</sup>]. **Linguistic** [SJS<sup>+21</sup>]. **Listening** [YT15]. **Lists** [GRC<sup>+12</sup>]. **Literacy** [BLIC21]. **LiveAction** [AMN<sup>+13</sup>]. **Living** [MDR<sup>+22</sup>].

**Load** [NCWC17, CRC<sup>+12</sup>]. **localization** [AFFB14]. **Localized** [FBC14, PSMO18]. **Long** [ZT22]. **Long-term** [ZT22]. **Loop** [KP18, WHLZ18, HMH<sup>+19</sup>, KCM22, NSA<sup>+22</sup>]. **Lost** [YNK<sup>+22</sup>, ZF17].

**Machine** [CDK<sup>+18</sup>, CFD<sup>+14</sup>, DK18, FG18, FB18, JLL16, JCL<sup>+19</sup>, KFWL14, KTD17, KLC<sup>+21</sup>, KGCC18, MHC<sup>+18</sup>, RRS<sup>+22</sup>, SGR<sup>+20</sup>, ZCC21]. **Machine-initiated** [ZCC21]. **Machine-Learning** [KTD17]. **Machines** [AHJR18]. **Magazine** [BLIC21]. **Magazine-Style** [BLIC21]. **Making** [CdGF<sup>+13</sup>, DM21, GGK<sup>+21</sup>, KTD17, KK13, SLMK18, TVA<sup>+21</sup>, WY22, HSS<sup>+21</sup>]. **Management** [PAGM15]. **Manipulation** [KPMHB22]. **Mapping** [FB18, KCTH19]. **Maritime** [Riv14]. **Markov** [DMGG13]. **Math** [TVCL16]. **Mathematical** [TVCL16]. **Matrix** [AF22, CLJ21]. **Matter** [HKR<sup>+18</sup>]. **Me** [XZY16]. **mean** [EBB<sup>+22</sup>]. **Means** [SFKL20]. **Measured** [DM21]. **Measures** [BHS<sup>+21</sup>, MHC<sup>+18</sup>]. **Mechanism** [LL23]. **Media** [PKCS12]. **Mediated** [KCTH19]. **Medical** [DAW18]. **Meetings** [IOKY16a, IOKY16b]. **Memoriam** [Jam13]. **Mental** [ADS<sup>+20</sup>, EBB<sup>+22</sup>, KMO22]. **Menus** [VBCC20]. **Mere** [ADS<sup>+20</sup>]. **Messages** [KDMA12, KPMHB22]. **Metaphors** [ABJ15]. **Method** [EBB<sup>+22</sup>, EVB<sup>+20</sup>]. **Methodology** [GCDN11]. **Methods** [CLJ21, GSC<sup>+17</sup>, MKF<sup>+15</sup>]. **Metrics** [BSKC21, HKR<sup>+18</sup>]. **Metrics-based** [BSKC21]. **MI3** [ZCC21]. **Micro** [LL23]. **Micro-moment** [LL23]. **Mid** [AUMT16]. **Mid-Air** [AUMT16]. **Mindsets** [BEH22]. **Minimal** [KB16]. **Mining** [YSD15]. **Miscommunication** [MR19]. **Mitigating** [RD21]. **Mitigation** [DJH<sup>+12</sup>, PKCS12]. **Mobile** [AL22, BSKC21, CSD14, HMH<sup>+19</sup>, PW19, MGF13, TDBL13]. **Mobility** [PSMO18]. **MobInsight** [PSMO18]. **modal** [AL22]. **Modalities** [CFD<sup>+14</sup>]. **Model**



[AHJR18, AMN<sup>+13</sup>, BEC<sup>+20</sup>, CQW<sup>+14</sup>, HWM<sup>+22</sup>, Moh21, Riv14, SVK16, SP22, ZT22, KPP14]. **model-driven** [KPP14]. **Modeling** [GGK<sup>+21</sup>, HKR<sup>+18</sup>, HC16, JWK14, LPBG19, OBG<sup>+19</sup>, PBKS20, WRH18, WCS20]. **Modelling** [AF22]. **Models** [ADS<sup>+20</sup>, FBC14, GGK<sup>+21</sup>, TJLO20, YPL<sup>+16</sup>, YK16]. **modern** [ZBGD14]. **moment** [LL23]. **Monitoring** [HMH<sup>+19</sup>, HRAR18]. **Mood** [SCKOGP15]. **Mortals** [ADS<sup>+20</sup>]. **Motion** [FB18, WHLZ18]. **Motion-Sound** [FB18]. **Motivation** [RHS19, WCS20]. **Motor** [MHC<sup>+18</sup>]. **Movement** [ABJ15, NKP<sup>+19</sup>]. **Movements** [CMGM18, OLS21, WES16]. **Movie** [KMAM20]. **MovieLens** [HK16]. **Multi** [AL22, BFY<sup>+21</sup>, KCM22, WHLZ18]. **Multi-agent** [KCM22]. **Multi-modal** [AL22]. **Multi-objective** [BFY<sup>+21</sup>]. **Multi-Robot** [WHLZ18]. **Multiclass** [NLN<sup>+14</sup>]. **Multidimensional** [CCM14]. **Multidisciplinary** [MZR21]. **Multifaceted** [WBL<sup>+13</sup>]. **Multifocus** [PCK<sup>+18</sup>]. **Multilingual** [ZT22]. **Multimedia** [PSC<sup>+16</sup>]. **Multimodal** [CRC<sup>+12</sup>, COAR16, DPR<sup>+22</sup>, ONTHS11, PSC<sup>+16</sup>, PW19, SCKOGP15, XZY16, CSM<sup>+12</sup>]. **Multiparty** [IOKY16a, IOKY16b, KFWL14, NYYT16, SGS<sup>+12</sup>]. **Multiple** [CFD<sup>+14</sup>, KH12, MHC<sup>+18</sup>, RSvO<sup>+22</sup>, VPB16, HJ11]. **Multiplex** [YYI<sup>+16</sup>]. **multistroke** [HP11]. **multitask** [EWS12]. **Museum** [CSD14, DK15]. **Music** [DLMC15, YT15, YLVE12].

**naive** [KSW<sup>+11</sup>]. **Narrative** [BLIC21]. **Narratives** [SB21]. **Natural** [BLV14, CRP<sup>+12</sup>, EWS12, SGS<sup>+12</sup>, SDD12]. **Naturalistic** [MBR16]. **Nature** [WBL<sup>+13</sup>]. **Navigation** [BFY<sup>+21</sup>, ZLW17, AFFB14]. **Neighborhood** [PSMO18]. **Network** [AL22]. **Network-based** [AL22]. **networks** [CAB<sup>+13</sup>]. **Neural** [ZT22]. **News** [HMO22]. **Next** [IOKY16a, IOKY16b, YYI<sup>+16</sup>]. **Non** [BFY<sup>+21</sup>, EGQ16]. **Non-linear** [BFY<sup>+21</sup>]. **Non-Visual** [EGQ16]. **Nonstrict** [CKKD14]. **Normal** [Riv14, VBCC20]. **Norms** [SWS21]. **Notebooks** [LZL<sup>+23</sup>]. **Noteworthy** [SB21]. **Novel** [VSR12]. **Novelty** [KB17]. **NUI** [SCLH21].

**object** [HJ11]. **objective** [BFY<sup>+21</sup>]. **Objectives** [KB17]. **Objects** [YNK<sup>+22</sup>, MGF13, SLM<sup>+13</sup>, vdGPOvB<sup>+13</sup>]. **Observation** [SDW<sup>+18</sup>]. **Observation-Level** [SDW<sup>+18</sup>]. **Office** [KKS22]. **offline** [SGS<sup>+12</sup>]. **Older** [BPUP22, RSvO<sup>+22</sup>, SBN<sup>+18</sup>]. **Ongoing** [ZF17]. **Online** [FWY<sup>+18</sup>, HC16, PSC<sup>+16</sup>, RRS<sup>+22</sup>, SB21, AFFB14, KR14, SGS<sup>+12</sup>]. **Open** [SG12]. **Open-Domain** [SG12]. **Operations** [MKF<sup>+15</sup>]. **Optimization** [BFY<sup>+21</sup>, MKF<sup>+15</sup>, MKW21, TTL<sup>+22</sup>]. **Order** [YYI<sup>+16</sup>]. **oriented** [HMO22, KSW<sup>+11</sup>]. **Out-of-the-Lab** [MBD<sup>+15</sup>]. **Outcomes** [BEH22, RHS19]. **output** [vdGPOvB<sup>+13</sup>]. **Overview** [JJ17, Yan21]. **Oz** [BL15].

**Paintings** [SYS<sup>+15</sup>]. **Pairs** [DK15]. **Parametric** [CQW<sup>+14</sup>, SDW<sup>+18</sup>]. **Park** [SKG<sup>+18</sup>]. **Parkinson** [MBD<sup>+15</sup>]. **Participation** [NYYT16]. **partitioning** [GGC<sup>+19</sup>]. **Path** [HSS<sup>+21</sup>]. **Paths** [HSS<sup>+21</sup>]. **Pattern** [CCM14, SKKM15]. **Patterns** [BLIC21, HSS<sup>+21</sup>]. **PbD** [ITB19]. **PEACE** [SP22]. **Pen** [TVCL16]. **Pen-Based** [TVCL16]. **People** [HBP<sup>+12</sup>, MDR<sup>+22</sup>, AFFB14, CAB<sup>+13</sup>, KK12]. **Perception** [OPM17]. **Perceptions** [Hol18]. **Perceptual** [CMGM18]. **Performance** [SCC14, YDL<sup>+17</sup>]. **Performing** [YDL<sup>+17</sup>]. **Person** [DPA20]. **Person-Context** [DPA20]. **Personal** [CGHS17, HTOB<sup>+20</sup>]. **Personality** [And12, DPA20, KMAM20, PBKS20, SHKM19, TBK<sup>+20</sup>, YC23, ZMLY19]. **Personalization** [BFOK12]. **Personalized**

[CLJ21, HMH<sup>+19</sup>, KSP<sup>+20</sup>, LL23, MVT16, KK12, RAE<sup>+14</sup>]. **Personhood** [Hol18]. **Perspective** [CGT12]. **Persuasion** [And12, BFOK12, CGT12]. **Persuasive** [KDMA12]. **Persuasiveness** [PSC<sup>+16</sup>]. **Phenomena** [SJS<sup>+21</sup>]. **Phenomenon** [WRH18]. **Philosophy** [SV22]. **phones** [AFFB14]. **Photo** [MKW21, MTML20]. **Phrase** [PCK<sup>+13</sup>]. **Physical** [NKP<sup>+19</sup>, TDBL13]. **Physiological** [TBK<sup>+20</sup>, YLVE12]. **picoTrans** [SFTI<sup>+13</sup>]. **Pittsburgh** [HCD<sup>+20</sup>]. **places** [TDBL13]. **Plan** [AG13]. **Planning** [KH12, WHLZ18]. **Players** [PDA<sup>+21</sup>]. **Policy** [AL20]. **PolicyFlow** [AL20]. **Portraits** [MTML20]. **Position** [APY<sup>+20</sup>]. **Positional** [MKS<sup>+17</sup>]. **Positives** [VOA<sup>+22</sup>]. **Potential** [CGT12]. **Practice** [MHC<sup>+18</sup>, Shn20]. **Practitioner** [Zho22]. **Predict** [IOKY16b, OHZ<sup>+18</sup>]. **Predicting** [KMAM20, SLMK18, SLH<sup>+21</sup>, WBL<sup>+13</sup>]. **Prediction** [CLRT20, DLMC15, FBC14, IOKY16a, PSC<sup>+16</sup>, RK16]. **Predictive** [TJLO20]. **Preference** [DM17, FBS13, KMAM20]. **Preferences** [HTOB<sup>+20</sup>, JWK14]. **Presence** [CRO<sup>+16</sup>]. **Presentation** [HHC20]. **Presentations** [ML19]. **preserving** [Yan21]. **Prevention** [DJH<sup>+12</sup>]. **Primary** [KLR<sup>+18</sup>]. **PRIME** [CLJ21]. **primitives** [HP11]. **Principles** [WY22, KK12]. **Privacy** [HBKM20, KK13, Yan21]. **Privacy-preserving** [Yan21]. **Proactive** [KLR<sup>+18</sup>]. **Problem** [FLT20, GR13]. **Problems** [EVB<sup>+20</sup>]. **Process** [YK16]. **Processes** [DMGG13]. **Processing** [ML19]. **Professional** [SYS<sup>+15</sup>]. **Profiling** [SHKM19]. **Progressive** [SW20]. **Projected** [HSS<sup>+21</sup>, MGF13]. **Projection** [HSS<sup>+21</sup>]. **Promoting** [MVH20, SWS21, TB20]. **propagation** [RAE<sup>+14</sup>]. **Properties** [SCC14]. **Property** [BHS<sup>+21</sup>]. **Provenance** [CQW<sup>+14</sup>]. **Providing** [JIKB22, RK16]. **Proxemics** [CRO<sup>+16</sup>]. **Public** [ML19, NWP<sup>+18</sup>]. **Purpose** [VLP<sup>+15</sup>].

**Qualitative** [CDK<sup>+18</sup>]. **Qualities** [ABJ15, SP22]. **Quality** [CGT12, DSEV19, GGC<sup>+19</sup>, HCD<sup>+20</sup>, NKP<sup>+19</sup>, WBL<sup>+13</sup>]. **Quantify** [PW19]. **Quantifying** [DHS<sup>+17</sup>]. **Quantitative** [YT15]. **Quartet** [DGG16]. **Query** [FBC14, HMO22]. **Query-oriented** [HMO22]. **Question** [SV22]. **QuestionComb** [SJS<sup>+21</sup>]. **Questions** [BEH22, ITB19].

**Radar** [APY<sup>+20</sup>]. **Rank** [KLC<sup>+21</sup>, MLD<sup>+21</sup>]. **Rating** [FBS13, KMAM20]. **Raw** [Gil15]. **Read** [EGQ16]. **Real** [BSKB21, CLRT20, PDA<sup>+21</sup>, PASR<sup>+16</sup>, WES16]. **Real-Time** [PASR<sup>+16</sup>, WES16, BSKB21, CLRT20, PDA<sup>+21</sup>]. **Realities** [SCLH21]. **Reality** [WZB<sup>+16</sup>]. **realization** [KPP14]. **Reasoning** [DJH<sup>+12</sup>, KH12, SG12].

**Recognition** [AG13, APY<sup>+20</sup>, BL15, BBT<sup>+15</sup>, CMTB15, CLP<sup>+14</sup>, DPR<sup>+22</sup>, DPA20, KCTH19, MKS<sup>+17</sup>, MTML20, PLBG19, PSOC16, PASR<sup>+16</sup>, SVK16, TSSL15, WES16, YSD15, YK16, SDD12, YLVE12, ZBGD14]. **Recognizer** [BL15]. **Recognizing** [CNI15, HP11]. **Recommendation** [BHNP20, CYW19, DLMC15, DPS<sup>+19</sup>, HTOB<sup>+20</sup>, JYL16, LZL<sup>+23</sup>, MLD<sup>+21</sup>, PYDM16, VPB16, YC23, RAE<sup>+14</sup>].

**Recommendations** [DDGMP20, PCNB17, TB20]. **Recommender** [AF22, CdGF<sup>+13</sup>, CLJ21, CGT12, JWK14, KB17, KK13, KSP<sup>+20</sup>, KB16, LL23, SHK19, SWS21, TFT21]. **Recommenders** [JJ17]. **Recommenders-Overview** [JJ17]. **Recommending** [MVT16]. **Reconstruction** [ZCC21]. **Recovery** [MR19]. **Reduce** [KDMA12]. **Refinement** [ZCC<sup>+18</sup>]. **Reflections** [MHC<sup>+18</sup>].

**Registration** [YNK<sup>+</sup>22]. **Registration-free** [YNK<sup>+</sup>22]. **Regression** [CCM14]. **Regular** [MVH20]. **Reinforcement** [ADS<sup>+</sup>20, CKKD14, ZLG22]. **Relation** [DAW18]. **Relational** [JIKB22]. **relations** [vdGPOvB<sup>+</sup>13]. **Relationships** [JIKB22]. **Relevance** [VPB16]. **Relevant** [KPMHB22]. **Reliability** [CLS<sup>+</sup>18]. **Reliable** [Shn20]. **Repair** [BPUK18]. **Repeatability** [MKS<sup>+</sup>17]. **Repeated** [KKL<sup>+</sup>19]. **report** [MDR<sup>+</sup>22]. **Reported** [EVB<sup>+</sup>20]. **Representation** [PSOC16, RAMZ<sup>+</sup>17]. **Requesting** [SHY16]. **Research** [BPUK18, CSO<sup>+</sup>22, JJ17, MKF<sup>+</sup>15, RRS<sup>+</sup>22, TFT21, VPB16, WSL<sup>+</sup>18]. **resource** [PCK<sup>+</sup>13]. **Resources** [WBL<sup>+</sup>13]. **Respiration** [IOKY16b]. **Response** [GKP15, NCWC17, YDL<sup>+</sup>17]. **Responses** [EBB<sup>+</sup>22, PW19, TBK<sup>+</sup>20, VOA<sup>+</sup>22]. **Responsibility** [DM21]. **Responsible** [Yan21]. **Responsive** [BEC<sup>+</sup>20]. **Results** [ZCC<sup>+</sup>18]. **Retrieval** [KLR<sup>+</sup>18, HJ11]. **Reuse** [LDS<sup>+</sup>22]. **Reveal** [OLS21]. **Review** [DKI<sup>+</sup>21, DK18, MKF<sup>+</sup>15]. **Reviewers** [Afe18]. **RF** [APY<sup>+</sup>20]. **RF-Radar** [APY<sup>+</sup>20]. **Rich** [AL22]. **Riedl** [Jam13]. **Risk** [WRH18]. **Roadmap** [DBTV20]. **Robot** [BPUK18, CNI15, GKP15, KFWL14, MR19, NYYT16, RHS19, RPRK<sup>+</sup>21, WRH18, WHLZ18, XZY16, YYI<sup>+</sup>16, HCDRB12, ONTHS11]. **Robotic** [CLP<sup>+</sup>14, Hol18]. **Robots** [CFD<sup>+</sup>14, CKKD14, PLBW17, RAMZ<sup>+</sup>17]. **Role** [Moh21, XZY16]. **Roles** [NYYT16]. **Routines** [DFR15].

**Safe** [Shn20]. **Say** [SG12]. **Scalable** [PCNB17]. **scale** [GR13, PCK<sup>+</sup>13, YN13]. **Scattered** [ZF17]. **Scene** [LDS<sup>+</sup>22]. **Science** [CDK<sup>+</sup>18, HCD<sup>+</sup>20]. **Sclerosis** [MHC<sup>+</sup>18]. **Screen** [KPMHB22, KKS22]. **Screen-free** [KPMHB22]. **Screens** [VBCC20]. **scrutinize** [KK12]. **Search** [CMPS17, DSV17, KLR<sup>+</sup>18, LZL<sup>+</sup>23, DBTV20, SLH<sup>+</sup>21, TJLO20, ZCC<sup>+</sup>18]. **section** [AC13, GR13]. **See** [XZY16]. **Seeking** [BPUP22]. **Selection** [GSC<sup>+</sup>17]. **Self** [KKS22, MDR<sup>+</sup>22]. **Self-adjusting** [KKS22]. **Self-report** [MDR<sup>+</sup>22]. **Semantic** [PSMO18, RAMZ<sup>+</sup>17, SSL<sup>+</sup>19, SGR<sup>+</sup>20, YSD15]. **Semantically** [AL22]. **Semi** [SKKM15]. **Semi-Structured** [SKKM15]. **Semisupervised** [PYDM16]. **Sense** [DJH<sup>+</sup>12, KH12, LH12]. **Sensed** [MHC<sup>+</sup>18]. **Sensemaking** [RRS<sup>+</sup>22]. **Sensing** [AHJR18, APY<sup>+</sup>20, TBK<sup>+</sup>20, VLP<sup>+</sup>15, EWS12]. **Sensitive** [CLP<sup>+</sup>14]. **Sensor** [KTD17]. **sensors** [HBP<sup>+</sup>12]. **Sentiment** [CYW19]. **Sentiment-based** [CYW19]. **Sequence** [MSD<sup>+</sup>16]. **Sequences** [DPS<sup>+</sup>19, MKW21, PCK<sup>+</sup>18]. **Sequential** [BLIC21]. **Serendipity** [KB17]. **Series** [KTD17, LPBG19]. **Service** [OBG<sup>+</sup>19, YYI<sup>+</sup>16]. **services** [KPP14, TDBL13]. **Sessions** [FLT20]. **Sets** [SHK19]. **shapes** [LBC<sup>+</sup>21]. **Shared** [LCKM23]. **Shifting** [CDK<sup>+</sup>18]. **Shoutcasters** [PDA<sup>+</sup>21]. **sight** [CSM<sup>+</sup>12]. **Sign** [PLBG19]. **Signal** [ML19, OHZ<sup>+</sup>18]. **Signals** [DPR<sup>+</sup>22]. **Signatures** [HHC20]. **SignCom** [GCDN11]. **signers** [GCDN11]. **Situ** [LZL<sup>+</sup>23]. **Situated** [MR19]. **Situation** [KPMHB22]. **Situation-Relevant** [KPMHB22]. **Sketch** [BL15, LDS<sup>+</sup>22]. **sketched** [HP11]. **Sketching** [HKR<sup>+</sup>18]. **SketchMaker** [LDS<sup>+</sup>22]. **Skills** [TSN<sup>+</sup>16]. **Skin** [NCWC17]. **Sleep** [HRAR18]. **Sleuth** [MTML20]. **Small** [CSD14, CNI15, VBCC20]. **Smart** [KPMHB22, MKS<sup>+</sup>17, AFFB14, MGF13, SLM<sup>+</sup>13, vdGPOvB<sup>+</sup>13, DFR15]. **Smarter** [ML19]. **Smartphone** [RD21, YT15]. **Smartphones** [ZGZ<sup>+</sup>16]. **SmartShots** [TTL<sup>+</sup>22]. **Smell** [HCD<sup>+</sup>20]. **Smiling** [OPM17]. **Snacking** [KDMA12]. **Social**

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