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$1/f$ [PGFA14]. 2 [SZ19]. $2 + 1$ [BTB+10]. 511 [PBB+11]. 12 [dGW+17]. 16 [dGW+17]. 3 [GNSW17]. 2 [MO11, UBS+16]. 3 [KKS+12]. s [RP12]. 0_s [ABL16]. α [THSR17]. α, γ [dGW+17]. B [BMV15]. B_s^0 [ABL19]. $\bar{t}\bar{t}$ [DG12]. β [HSB+18, VWT15]. \mathcal{PT} [KYZ16]. e^+e^- [DESS11]. η [BM19, BM19]. $f(R)$ [SF10a]. N_c [MS15]. p [Ama15]. pp [A+11]. s [KGBA11]. sp^2 [MSBD16].

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WCG⁺¹⁸, WAC⁺¹⁶, Wen17, Wes14, WG11, ZMB17, ZC13, vHZ10, A⁺¹³, AHV13, CHT11b, EDM13, FSRD13, FLS13, LMD⁺¹³, NMS13, SH11b). **color** [ACC⁺¹⁴]. **columns** [Gra15]. **common** [Sca12]. **communication** [BCMdW10]. **Comparison** [HL11]. **Compass** [NvdB15]. **Complex** [SGOMF13, LB16, PSCVV15, RG17]. **complexes** [JM18]. **Complexity** [ST11, BCMdW10, TGC10, Wes14]. **Compound** [EBD⁺¹²]. **Compound-nuclear** [EBD⁺¹²]. **compounds** [Ste11]. **computation** [AL18]. **Concepts** [GORK⁺¹⁹, JWN⁺¹⁴, KT15]. **condensate** [THSR17]. **condensation** [DHY10, ZJB14a, ZJB14b]. **condensed** [BDB⁺¹⁷, CCG⁺¹¹, CCSM19]. **conditions** [MMPC12]. **conduction** [MPG13]. **confinement** [OBC⁺¹⁴]. **conformal** [HHSV17, PRV19]. **connection** [BM19]. **considerations** [Var15]. **consistent** [Hoh10]. **constants** [MTN12]. **constraints** [LL19]. **Continuous** [GML⁺¹¹]. **Continuous-time** [GML⁺¹¹]. **continuum** [RWF17]. **Control** [LB16, TB18, RG17, Sun14]. **Controlling** [Har13]. **controversial** [AWBF⁺¹⁶]. **Core** [KA12, Bur13]. **core-collapse** [Bur13]. **correction** [Ter15]. **Corrections** [Ano18, SF13]. **correlated** [BAvdM⁺¹¹, MSH⁺¹², SKKG10]. **correlation** [BLHE12]. **correlations** [CFM⁺¹⁴, HMPW17, MBC⁺¹², RHT⁺¹⁸]. **cosmic** [KAAB⁺¹⁸, LSS11, Per12]. **cosmological** [CG10]. **cosmology** [DS11]. **Coulomb** [NL16]. **counting** [EHM09, EHM14]. **coupled** [Shu17, SGOMF13]. **Coupling** [SPMS17, FDLR⁺¹⁹]. **CP** [KC19, ABL16, ABL19, BFJ12, KC10]. **CPT** [KR11]. **critical** [MD18]. **Criticality** [Muñ18]. **cross** [A⁺¹¹, EBD⁺¹², FZ12, Nam09, Nam10, TBC⁺¹⁶]. **Crystal** [MPLS10, MTA⁺¹⁷, TSNK14a, TSNK14b]. **Crystalline** [ACC⁺¹⁴]. **crystals** [AgCMK12a, AgCMK12b, CB17, JLS18, TGC10]. **cuprates** [AFG10]. **Current** [KUP⁺¹², Kam19, PSM⁺¹³]. **curved** [TVN10]. **cycles** [A⁺¹¹].

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Ga [JWN⁺14]. **Galactic** [GEG10]. **galaxies** [Sel14]. **Galaxy** [CCdJ⁺14, PBB⁺11]. **gamma** [MM12]. **GaN** [Ama15]. **gases** [CCG⁺11, CGJT10, GBL13, MCD⁺18, SKU13, VCTL⁺12]. **gauge** [DGJÖ11]. **Gaussian** [WPGP⁺12]. **gedanken** [sMKZ16]. **generated** [OBN16, RDBE13]. **Generating** [Str19]. **generators** [HCGE17]. **Genetic** [KAHN10]. **genetics** [NS11]. **Geometry** [Gra15]. **GeV** [BH14]. **Ginzburg** [RL10]. **glass** [AWBF⁺16, BB11, TSNK14a, TSNK14b]. **glasses** [PZ10]. **global** [CG10, ES10]. **glue** [BM19]. **gluon** [Shu17]. **Goldstone** [Hig14]. **Google** [EFS15]. **graining** [CCSM19]. **granular** [BMHM18, Goll14]. **Graphene** [BFL⁺14, KUP⁺12, Nov11, Gei11, Goe11, Per10, SAHR11]. **Gravitational** [Adh14, A⁺13, Bar18, CBKvM10, Tho18, Wei18]. **Graviton** [dRDTZ17, GN10]. **gravity** [BBS12, Hin12, SF10a]. **Gripped** [DZ10]. **group** [MSH⁺12, Nis18]. **groups** [RCR12]. **Growth** [Ama15, EDM13].

H [UBS⁺16]. **Hadron** [DESS11, HH10, KNS⁺19, ASAJPV15, FH12]. **Hadronic** [GHM⁺18, RP12, NW14, GHM⁺22]. **Hadronization** [Alb10]. **Hadrons** [APV12]. **Hall** [HHSV17, NSO⁺10, SVW⁺15]. **hard** [PZ10, TS10a, TS10b]. **hard-particle** [TS10a, TS10b]. **harvesting** [JM18]. **Hearing** [GT10]. **Heat** [DD11, LRW⁺12]. **Heavy** [SESE10, BEJR14, CNRS18, OSZ18, Shu17]. **Heavy-ion** [SESE10, BEJR14]. **helium** [MMPC12, Var15, dGW⁺17]. **HERA** [NW14]. **Hermitian** [CW15]. **heteronanotubes** [AAL⁺10]. **Hidden** [Car14, Mer93, MO11, Mer16, Mer17]. **Hierarchies** [HHSV17]. **Higgs** [BH14, CGT16]. **High** [GK18, HSB⁺18, A⁺13, DMHK12, DMPZ12, FGN10, FKT15, LLP19, MCD⁺18, RS10, Str19]. **high-energy** [A⁺13, FGN10, LLP19]. **high-intensity** [DMHK12, Str19]. **higher** [BBS12]. **higher-spin** [BBS12]. **Highly** [KSLUS18]. **historical** [SF13]. **History** [BH18, Smi10]. **hole** [Bam17, CBKvM10, GEG10]. **holes** [Har16, KZ11]. **Holography** [Nis18]. **Homochirality** [SH13]. **Hoyle** [THSR17]. **Hybrid** [MTA⁺17, XAYN13, TJG⁺19]. **Hydrodynamics** [MJR⁺13]. **hydrogen** [ES10, MMPC12]. **hypothesis** [SH11a, SH11b].

Ice [BRBC⁺12, OANR⁺19, NMS13]. **icefields** [BRBC⁺12]. **identification** [TM13]. **Identifying** [Phi10]. **II** [A⁺11, Bar18, RL10]. **III** [Tho18]. **Imaging** [BBB⁺12, Moe15, NMS13]. **implementations** [FSD⁺18]. **Implications** [PGFA14, dGW⁺17]. **improved** [BTB⁺10]. **impurity** [GML⁺11]. **induced** [HTB⁺17]. **Inelastic** [RS10, AvVD⁺11]. **inference** [vT11]. **Influence** [CG10]. **information** [Har16, PGFA14, SWM10, SÁ16, WPGP⁺12]. **infrared** [KAAB⁺18]. **InGaN** [Nak15]. **initial** [DESS11]. **Insect** [Sun14]. **Insights** [NFMB18, SPMS17]. **instabilities** [GMKOP12, SW10]. **insulators** [HK10, Phi10, QZ11]. **integrals** [Wit16]. **intense** [OBN16]. **intensity** [DMHK12, Str19]. **interacting** [PSSV11, RWF17, XAYN13]. **interaction** [FDLR⁺19, Sca12, SPMS17]. **Interactions** [KUP⁺12, DG17, DMHK12, FPP⁺10, GS15, Giu17, Giu19, GMP17, GYS10, MD18, SE11, WDT⁺16]. **Interface** [HTB⁺17, BMS19, HSP10, Sch13]. **Interface-induced** [HTB⁺17]. **interfaces** [CFM⁺14, DC17, Sag11]. **Interfacing** [LMS15]. **interference** [HGH⁺12]. **interferometry** [Adh14, PCL⁺12]. **Intermittent** [BLMV11]. **Interplay** [TGC10]. **intertwined** [FKT15]. **intracellular** [BN13]. **Introduction** [CDG⁺10, Hoh10, Per10]. **invention** [Nak15, Smi10]. **investigation** [UMA⁺13]. **Invited** [Wit18]. **Ion** [BKR15, BEJR14, CNRS18, SESE10, Shu17, TJG⁺19]. **Ion-trap** [BKR15]. **Ionic** [SZ19]. **ionization** [BLHE12]. **ions** [DM10, KSLUS18, SPM⁺10]. **iron** [Dai15, Ste11]. **iron-based** [Dai15]. **irradiation** [Ama15]. **isospentrality** [GT10]. **itself** [BK10].

Jammed [TS10a, BMHM18, TS10b]. **jamming** [PZ10]. **Jeans** [VGG18]. **Jerusalem** [Har16]. **Jet** [CNRS18, KNS⁺19]. **John** [Mer16, Mer17, Mer93]. **journal** [Lal14]. **journeys** [Aka15]. **junctions** [DD11].

Kaon [CEN⁺12]. **kaonic** [CGI⁺19]. **Kepler** [TS10b, TS10a]. **keV** [PBB⁺11]. **kinematics** [CG10].

laboratory [LFR19]. **Landau** [DMPZ12, RL10]. **large** [MS15, KNS⁺19]. **Laser** [FMBT⁺10, HSXZ14, LMD⁺13, Adh14, BLHE12, CPL⁺13, DMHK12, NBD⁺14]. **Laser-driven** [FMBT⁺10, BLHE12]. **laser-plasma** [CPL⁺13]. **lasers** [PMR16, SGOMF13]. **Lattice** [DeG16, GMKOP12, BDY18, DK11, FH12]. **lattices** [CDGT⁺18, KMT11a, KMT11b]. **laws** [ECP10]. **layer** [Ama15]. **learning** [CCC⁺19]. **Lecture** [Aka15, Ama15, Bar18, Bet15, Eng14, Hal17, Hel15, Hig14, Kos17, Moe15, Nak15, Nam10, Tho18, Wei18, Boy10, Gei11, Har13, Kaj16, Kao10, McD16, Mou19, Nam09, Nov11, Per12, Rie12, Sch12, Smi10, Str19, Win13]. **lectures** [Har16]. **Leptonic** [BFJ12]. **level** [LPT10]. **levels** [DMPZ12]. **Lévy** [ZDK15]. **LHC** [GS18, GMP17]. **Life** [Sch13, LL19]. **lifetime** [BH13, WG11]. **Light** [BBF⁺16, FH12, GVMMEK10, RG17, Aka15, CC13, CGI⁺19, DZ10, FDLR⁺19, FHKE⁺18, HSP10, Hel15, JM18, LMD⁺13, Met17, Mou19, Nak15, RTLL13]. **light-emitting** [RTLL13]. **light-harvesting** [JM18]. **light-matter** [FDLR⁺19]. **LIGO** [Bar18, Tho18, Wei18]. **limits** [GN10, PKGR12]. **Linac** [BBF⁺16]. **linear** [KAHN10, SSdRG11]. **lines** [JS17]. **Liquid** [AD10, AgCMK12a, AgCMK12b, ISG12, JLS18, TGC10, ZKN17]. **liquids** [ISG12, MCD⁺18]. **lived** [HMPW17]. **living** [Muñ18, ZMB17]. **local** [BBB⁺12, CG10]. **localization** [AABS19]. **localized** [DG17, MMY⁺12]. **Long** [FPP⁺10]. **Looking** [KAB⁺19, KAAB⁺18, SG10]. **loops** [AgCMK12a, AgCMK12b]. **Lorentz** [KR11]. **low** [Ama15, MSBD16]. **low-dimensional** [MSBD16]. **low-energy** [Ama15]. **low-temperature** [Ama15]. **Luttinger** [ISG12].

Machine [CCC⁺19]. **Macroscopic** [BDG⁺15, FSD⁺18]. **Magnetic** [FW13, GGG10, HvNCR10, MHP⁺19, YKJ10, ANT16, DC17, Goe11, KKR10, KKR16, NMS13, RL10, SBK⁺10]. **magnetism** [MO11, SKU13, HTB⁺17]. **magnetohydrodynamics** [LFR19]. **magnets** [ZJB14a, ZJB14b]. **magnon** [ZC13]. **Majorana** [ACM10, Bee15, EF15]. **man** [Boy10]. **Manipulating** [LRW⁺12]. **manipulation** [HSXZ14, KKR10, KKR16]. **Many** [AABS19]. **Many-body** [AABS19]. **Markovian** [BLPV16, dVA17]. **mass** [GN10, MJT15, UBS⁺16, dRDTZ17]. **masses** [CCdJ⁺14, FH12]. **massive** [GEG10, Hin12, MM12]. **Materials** [MBSR⁺18, Nov11, WDT⁺16, BAvm⁺11, BB11, BDB⁺17, GWY⁺18, MPG13, SZ19]. **Mathematical** [GT10]. **matrices** [MRW10]. **matrix** [Bee15, EFS15]. **matter** [BMHM18, BH18, BDB⁺17, CCG⁺11, CDGT⁺18, CTSR16, CCSM19, ERT19, FDLR⁺19, FLS13, Hal17, KPZ⁺19, LLP19, MJR⁺13, Nag17, Sag11, Wen17, ZMB17]. **Maximally** [MMY⁺12]. **maximum** [PGLD13]. **Mean** [PZ10, ATE⁺14, BLW14, RHT⁺18].

Mean-field [PZ10, ATE⁺14]. **measurement** [BLW14, CDG⁺10]. **measurements** [BH13, BAB⁺18, BKRB15, CNRS18, EBD⁺12]. **Measures** [FSD⁺18, MBC⁺12]. **Measuring** [Per12, WAC⁺16]. **mechanics** [ASG⁺16, BMHM18, EWKK14]. **mechanism** [Eng14]. **mechanisms** [SPMS17]. **Medal** [Wit18]. **media** [FSRD13, Gol14, RG17]. **medium** [HH10]. **meets** [RG17]. **membranes** [Pow10a, Pow10b]. **memories** [Ter15]. **Memory** [KPZ⁺19, CGLM14]. **meson** [RP12]. **mesons** [BM19, BMV15, OSZ18]. **mesoscale** [VMU⁺13]. **Mesoscopic** [BMS19, RG17]. **metal** [DC17, WCG⁺18]. **metal/oxide** [DC17]. **Metallic** [BBGK16a, GMKOP12, BBGK16b]. **metals** [DSF⁺15, KKS19]. **metamaterials** [LSK14]. **metastable** [VCTL⁺12]. **methods** [CGP⁺15, GORK⁺19, GML⁺11, SF10b]. **metrology** [PSO⁺18]. **Mg** [Ama15]. **microcavities** [CW15]. **microfabricated** [Dor10]. **Microfluidics** [FY11]. **microprobes** [MBSR⁺18]. **Microscale** [FY11]. **Microscopic** [FHKE⁺18]. **microscopy** [Moe15, OBC⁺14, dA10, vHZ10]. **mixing** [AF10]. **Mn** [JWN⁺14]. **Mod** [AgCMK12b, ABL19, BBGK16b, BM16, BCP⁺14b, CHT11b, EHM14, Giu19, GHM⁺22, HW11a, KMT11a, KC19, KKR16, Mer17, Mer17, Nam10, Pow10b, SH11b, TSNK14b, TS10b, UHS⁺17, ZJB14b]. **Model** [CW15, BH14, DG17, DeG16, HNW12, CEN⁺12]. **Modeling** [BM14, KVNf12, VMU⁺13, CCSM19, BM16]. **Models** [BLS⁺13, AF10, BN13, GML⁺11, KGBA11, KAHN10, NFMB18, NvdB15]. **Modern** [Lal14, CGI⁺19, HSXZ14, MPLS10]. **modes** [HvNCR10, KZ11, Phi10]. **modulation** [FLS13]. **molecular** [CB17, DD11, Tiel3]. **molecule** [GYS10, Moe15]. **molecules** [Bet15, BK10, CFRMS19, GHM⁺18, GHM⁺22, HGH⁺12, JLS18, SBD⁺18, TBC⁺16]. **moments** [CFRMS19]. **momentum** [LBTY17]. **Monte** [CGP⁺15, GML⁺11]. **morphologies** [EDM13]. **motion** [HvNCR10]. **motivations** [NvdB15]. **Mott** [Phi10]. **Multiboson** [GMP17]. **multicellular** [KVNf12]. **multifrequency** [Met17]. **Multimessenger** [A⁺13]. **Multiparticle** [DS12]. **Multiphoton** [PCL⁺12]. **multiple** [BLHE12]. **My** [Rie12].

nanobubbles [LZ15]. **nanodecomposition** [DSF⁺15]. **nanodroplets** [LZ15]. **nanoelectronics** [CSRS12]. **Nanoplasmas** [OBN16]. **nanoprobes** [MBSR⁺18]. **nanoscale** [FPP⁺10, MFK10, SZ19, VMU⁺13]. **nanoscopic** [CDGT⁺18]. **Nanoscopy** [Hel15]. **nanostuctured** [MPG13]. **nanostuctures** [LMS15, MSBD16, OBC⁺14, Sch17]. **nanotubes** [LKS⁺15, MPG13]. **nanowires** [Rur10]. **natural** [JM18]. **near** [BKRB15, KAAB⁺18]. **near-infrared** [KAAB⁺18]. **nematic** [AgCMK12a, AgCMK12b]. **networks** [BM14, BM16, DM10, EFS15, PSCVV15, RR15, TB18]. **Neutral** [ASG⁺16, BH13, DGJÖ11]. **Neutrino** [FZ12, GS15, McD16, AF10, Kaj16]. **neutrinos** [A⁺13, McD16]. **neutron** [DS11, LMD⁺13, MHP⁺19, VWT15, WAC⁺16, WG11]. **neutron-rich** [LMD⁺13]. **Nobel**

[Aka15, Ama15, Bar18, Bet15, Boy10, Eng14, Gei11, Hal17, Har13, Hel15, Hig14, Kaj16, Kao10, Kos17, McD16, Moe15, Mou19, Nak15, Nam09, Nam10, Nov11, Per12, Rie12, Sch12, Smi10, Str19, Tho18, Wei18, Win13]. **noble** [VCTL⁺12]. **Nodal** [JS17]. **noise** [BKRB15, CDG⁺10, PGFA14, SÁ16]. **Non** [BLPV16, CW15, dVA17]. **non-Hermitian** [CW15]. **Non-Markovian** [BLPV16, dVA17]. **nonclassical** [PSO⁺18]. **Nonequilibrium** [ATE⁺14, BSVH18, DMPZ12, EHM09, FKLW19, PSSV11, EHM14]. **Nonlinear** [KYZ16, LSK14, SE11, FMBT⁺10, KMT11a, KMT11b]. **nonlocal** [RHT⁺18]. **Nonlocality** [BCMdW10, BCP⁺14a, BCP⁺14b]. **Nonperturbative** [BTB⁺10]. **Nonstandard** [OSZ18]. **Normalization** [ES10]. **Note** [AgCMK12b, ABL19, BBGK16b, BCP⁺14b, HW11a, KMT11a, Nam10, Pow10b, SH11b, TSNK14b, TS10b]. **Nuclear** [KGBA11, UMA⁺13, CH17, CGP⁺15, EF15, EBD⁺12, GHM16, GEG10, HH10, MRW10, PKGR12, VWT15]. **nuclei** [AHV13, CJC10, CFRMS19, FHKE⁺18, HNS13, HvNCR10, HW11a, HW11b, LMD⁺13]. **Nucleon** [HMPW17, HR10, ABHM13]. **nucleonic** [HvNCR10]. **nucleosynthesis** [CFOY16]. **number** [HCGE17]. **numerical** [CBKvM10, PRV19, SPM⁺10].

O [dGW⁺17]. **Observation** [McD16]. **observations** [KGBA11, Sch12]. **Observatory** [McD16]. **Odd** [LB19]. **Odd-frequency** [LB19]. **offshoots** [Var15]. **Oganesson** [GMN⁺19]. **One** [CCG⁺11, ISG12, GBL13, RWF17]. **One-dimensional** [ISG12, RWF17]. **open** [BLPV16, dVA17]. **Optical** [DZ10, KSLUS18, LBY⁺15, dA10, DK11, KKR10, KKR16, Met17, RR15, RDBE13, SG10, Str19, UMA⁺13]. **Optically** [GNSW17]. **optics** [Bet15, SSdRG11]. **optimal** [Gra15]. **optomechanics** [AKM14]. **orbital** [LBTY17]. **order** [Dai15, KKR10, KKR16, KT15, MO11]. **orders** [FKT15]. **organic** [RTLL13]. **origins** [Jon15]. **oscillations** [Kaj16]. **other** [XAYN13]. **oxide** [CFM⁺14, DC17]. **oxides** [GGG10].

packing [Gra15]. **packings** [TS10a, TS10b]. **pair** [ASAJPV15]. **pairing** [RCR12, Sca12]. **paradigm** [ISG12]. **particle** [AD10, DS11, EF15, Nam09, Nam10, OANR⁺19, Sch13, SWK⁺16, THSR17, TS10a, TS10b]. **particles** [CZ16, CFRMS19, ZMB17]. **partonic** [LPT10]. **partons** [Alb10]. **passage** [VRSB17]. **passing** [GVMMEK10]. **past** [Kao10]. **pasta** [CH17]. **path** [Rie12, Wit16]. **pattern** [ST11]. **patterns** [BRBC⁺12]. **periodic** [KKY18]. **Perpendicular** [DC17]. **Persistent** [Sch17]. **perspective** [BB11, RTLL13, SF13, WDT⁺16]. **Perspectives** [Bur13, KUP⁺12, MJT15, AFG10]. **perturbations** [ES10]. **Phase** [ANT16, CJC10, Kos17, XCN10]. **phases** [Wen17, Wit16]. **phenomena** [BBB⁺12, DMPZ12, JWN⁺14, KKY18, MPG13, SZ19, HTB⁺17]. **Phonon** [TSNK14a, Giu17, Giu19, TSNK14b]. **Phonon-glass** [TSNK14a, TSNK14b]. **Phononic** [GWY⁺18]. **Phononics** [LRW⁺12]. **photocontrol** [Moe15]. **photoelectron** [BLHE12]. **photoemission** [PNB15]. **Photon** [GN10]. **photonic** [LMS15, MTA⁺17]. **photonic-crystal** [MTA⁺17]. **photonics**

[OPA⁺19, SGOMF13]. **photons**
 [BBB⁺12, CDGT⁺18, Har13, LMS15, RR15, RWF17]. **Phys**
 [AgCMK12b, ABL19, BBGK16b, BM16, BCP⁺14b, CHT11b, EHM14, Giu19, GHM⁺22, HW11a, KMT11a, KC19, KKR16, Mer16, Nam10, Pow10b, SH11b, TSNK14b, TS10b, UHS⁺17, ZJB14b]. **Phys.** [Mer17]. **Physical**
 [DC11, LL19, MSBD16, SESE10, AAL⁺10, BBB⁺12, CCC⁺19, GT10, KKS⁺12, MTN12, NvdB15, Ano18, ST18]. **Physics**
 [CZ16, DK11, DO14, JLS18, SH11a, SH11b, SS13, AD10, BMS19, BZ19, CW15, Car14, CGP⁺15, CNRS18, CBC⁺16, DG12, DS11, ERT19, EF15, FKLW19, GHM16, GS15, GGPR17, HHSV17, KGBA11, KHK⁺12, KA12, KT15, KSLUS18, LLP19, MRW10, Mou19, Nam09, Nam10, PMR16, PGLD13, RCR12, SBD⁺18, Sch13, SF13, UMA⁺13, VRSB17, vT11, Lal14].
physics-chemistry-biology [BMS19]. **pion** [BH13, HR10]. **plane**
 [CFM⁺14, TBC⁺16]. **plane-wave** [TBC⁺16]. **plants** [JBSB⁺16]. **Plasma**
 [DDGS15, CPL⁺13, DZD⁺18, Shu17]. **plasma-based** [DZD⁺18]. **plasmas**
 [CZ16, SE11]. **plasmons** [DG17]. **point** [AgCMK12a, AgCMK12b, FGH⁺14].
polariton [DHY10]. **polaritons** [FSRD13]. **polarized** [GNSW17, OBC⁺14].
polymer [BM14, BM16]. **pores** [SZ19]. **portraits** [JS17]. **Positron**
 [GYS10, PBB⁺11, TM13]. **Positron-molecule** [GYS10]. **positrons**
 [DDGS15]. **potentials** [DGJÖ11, RDBE13]. **power** [LFR19]. **precision**
 [HSB⁺18, SF13]. **Predictive** [CCSM19]. **Present** [CFOY16]. **pressure**
 [GK18, MCD⁺18, RS10]. **Principles**
 [PGLD13, FGH⁺14, Giu17, Giu19, Gol14, LB16, SBK⁺10]. **prism** [SG10].
probes [BBB⁺12]. **probing** [LMD⁺13]. **problem** [KC10, KC19]. **problems**
 [CvD10]. **process** [KGBA11]. **processes**
 [BRBC⁺12, BDY18, PSCVV15, PHC10]. **production**
 [ASAJPV15, DESS11, GS18]. **Progress** [AFG10]. **prominence** [Jon15].
propagating [Hel15, Phi10]. **properties**
 [AAL⁺10, CFM⁺14, Goe11, GWY⁺18, HH10, KKS⁺12, MMPC12, MSBD16, Per10, Rur10, Sag11, Wit18, XCN10]. **propulsion** [Gol14]. **Protecting**
 [SÁ16]. **protection** [DC11]. **Proteins** [ERT19]. **proton** [UBS⁺16]. **PRX**
 [Spr14]. **Publications** [Ano18]. **Publisher** [AgCMK12b, ABL19, BBGK16b, BCP⁺14b, HW11a, KMT11a, Nam10, Pow10b, SH11b, TSNK14b, TS10b].
pulsed [LFR19]. **pulsed-power** [LFR19]. **pulses** [Str19]. **puzzle** [BR19].
pyrochlore [GGG10].

QCD [ANT16, BTB⁺10, BH13, BDY18, FH12, MS15]. **quantitative** [NS11].
Quantum [BAB⁺18, BLW14, CHT11a, CHT11b, CGP⁺15, CGLM14, CC13, CJC10, CDGT⁺18, CvD10, CG19, DRC17, DM10, FS13, GAN14, HSP10, HHSV17, HCGE17, HGH⁺12, LKS⁺15, PSO⁺18, SWM10, SSdRG11, SAP17, Ter15, ZKN17, AL18, BMV15, BBGK16a, BBGK16b, BLPV16, Car14, CB17, CTSR16, CDG⁺10, DS12, DMHK12, DMM⁺14, EHM09, EHM14, FSD⁺18, GML⁺11, Hal17, Har16, Har13, Hoh10, ISG12, JS17, LLP19, LMS15, MBC⁺12, NJBN12, OBC⁺14, PGFA14, PSSV11, RR15, SRHM10, SE11,

SPM⁺10, SKU13, SÁ16, UMA⁺13, WPGP⁺12, Wen17, Wit18, XAYN13, ZJB14a, ZJB14b, ZDM⁺13, dVA17]. **Quantum-Bayesian** [FS13]. **Quantum-enhanced** [BAB⁺18]. **quantum-entangled** [BMV15]. **quantum-to-classical** [DS12]. **quantum-topological** [Wen17]. **quark** [ASAJPV15, DG12, GS18, Shu17]. **quark-gluon** [Shu17]. **quarks** [BTB⁺10, HMPW17]. **Quasinormal** [KZ11].

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