

Kazunari Yamaura

List of Publications by Year in descending order

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266
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266
docs citations

266
times ranked

5887
citing authors

#	ARTICLE	IF	CITATIONS
1	A ferroelectric-like structural transition in a metal. Nature Materials, 2013, 12, 1024-1027.	27.5	343
2	Relationship between non-stoichiometry and physical properties in LiNiO ₂ . Solid State Ionics, 1995, 78, 123-131.	2.7	229
3	Structural Evolution of the BiFeO ₃ ~LaFeO ₃ System. Chemistry of Materials, 2011, 23, 285-292.	6.7	162
4	Systematic trends in the electronic structure parameters of the 4d transition-metal oxides SrMO ₃ (M=Zr, Mo, Ru, and Rh). Physical Review B, 2003, 67, .	3.2	157
5	High-Temperature Ferrimagnetism Driven by Lattice Distortion in Double Perovskite Ca ₂ FeOsO ₆ . Journal of the American Chemical Society, 2014, 136, 3326-3329.	13.7	122
6	Magnetically Driven Metal-Insulator Transition in NaOsO_3 . Physical Review Letters, 2012, 108, 257209.	7.8	115
7	Synthesis of Nanostructured Reduced Titanium Oxide: Crystal Structure Transformation Maintaining Nanomorphology. Angewandte Chemie - International Edition, 2011, 50, 7418-7421.	13.8	110
8	Continuous metal-insulator transition of the antiferromagnetic perovskite NaOsO_3 . Physical Review B, 2009, 80, .	3.2	102
9	Ferromagnetism in two-dimensional Ti _{0.8} Co _{0.2} O ₂ nanosheets. Physical Review B, 2006, 73, .	3.2	95
10	Magnetic Properties of Li _{1-x} Ni _{1+x} O ₂ (0 ≤ x ≤ 0.08). Journal of Solid State Chemistry, 1996, 127, 109-118.	2.9	89
11	Orbital Frustration and Resonating Valence Bond State in the Spin-1/2 Triangular Lattice LiNiO ₂ . Journal of the Physical Society of Japan, 1998, 67, 3703-3706.	1.6	85
12	Crystal structures of Hg-Sr-Ca-Cu-O superconductors with enhanced flux pinning: Hg _{1-x} R _x Sr ₂ Ca _{n-1} Cu _n O _{2n+2} (n=2, 3; x=0.2~0.25). Physical Review B, 1996, 53, 14647-14655.	3.2	81
13	Synthesis and Properties of the Structurally One-Dimensional Cobalt Oxide Ba _{1-x} Sr _x CoO ₃ (0 ≤ x ≤ 0.5). Journal of Solid State Chemistry, 1999, 146, 96-102.	2.9	81
14	Superconductivity suppression of Ba _{1-x} K _x Fe _{0.5} O ₃ . Physical Review B, 2012, 85, 020407.	3.2	80
15	Oxyfluoride Chemistry of Layered Perovskite Compounds. Applied Sciences (Switzerland), 2012, 2, 206-219.	2.5	74
16	Specific-heat evidence of strong electron correlations and thermoelectric properties of the ferromagnetic perovskite SrCoO ₃ . Physical Review B, 2006, 74, .	3.2	73
17	Nature of the magnetism of iridium in the double perovskite Sr_2IrO_7 . Physical Review B, 2019, 100, .	2.2	72
18	Spinel-to-CaFe ₂ O ₄ -Type Structural Transformation in LiMn ₂ O ₄ under High Pressure. Journal of the American Chemical Society, 2006, 128, 9448-9456.	13.7	70

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19	Hubbard splitting and electron correlation in the ferromagnetic metal CrO ₂ . Physical Review B, 1997, 56, R15509-R15512.	3.2	67
20	High temperature thermoelectric properties of a homologous series of n-type boron icosahedra compounds: A possible counterpart to p-type boron carbide. Journal of Applied Physics, 2007, 101, 093714.	2.5	67
21	Neutron Diffraction Study of Unusual Phase Separation in the Antiperovskite Nitride Mn ₃ ZnN. Inorganic Chemistry, 2012, 51, 7232-7236.	4.0	62
22	High-Pressure Synthesis, Crystal Structures, and Magnetic Properties of 5d Double-Perovskite Oxides Ca ₂ MgOsO ₆ and Sr ₂ MgOsO ₆ . Inorganic Chemistry, 2015, 54, 3422-3431.	4.0	61
23	Large decrease in the critical temperature of superconducting LaFeAsO _{0.85} compounds doped with 3% atomic weight of nonmagnetic Zn impurities. Physical Review B, 2010, 82, .	3.2	58
24	High-Pressure Synthesis of 5d Cubic Perovskite BaOsO ₃ at 17 GPa: Ferromagnetic Evolution over 3d to 5d Series. Journal of the American Chemical Society, 2013, 135, 16507-16516.	13.7	58
25	High-pressure synthesis and superconductivity of a Ba free mercury-based superconductor (Hg _{0.75} Re _{0.25})Sr ₂ Ca ₂ Cu ₃ O _y . Physica C: Superconductivity and Its Applications, 1995, 246, 351-356.	1.2	55
26	High-pressure synthesis and superconductivity of a Ba free mercury-based superconductor (Hg _{0.75} Re _{0.25})Sr ₂ Ca ₂ Cu ₃ O _y . Physica C: Superconductivity and Its Applications, 1995, 246, 351-356.	1.2	55
26	Dirac-Mott insulator with ferromagnetism near 100 K. Physical Review B, 2016, 94, .	3.2	55
27	Large negative magnetoresistance of a nearly Dirac material: Layered antimonide. Physical Review B, 2017, 96, .	3.2	50
28	Enhanced paramagnetism of the 4d itinerant electrons in the rhodium oxide perovskite SrRhO ₃ . Physical Review B, 2001, 64, .	3.2	49
29	Linear decrease of critical temperature with increasing Zn substitution in the iron-based superconductor BaFe _{1.89} Mn ₂ O ₁₀ . Physical Review B, 2009, 79, 040401.	3.2	49
30	The Electronic Structure of Hexagonal BaCoO ₃ . Journal of Solid State Chemistry, 1999, 146, 411-417.	2.9	46
31	Low-temperature specific-heat and neutron-diffraction studies on Li ₂ Pd ₃ B and Li ₂ Pt ₃ B superconductors. Physical Review B, 2005, 72, .	3.2	46
32	Synthesis and Magnetic and Charge-Transport Properties of the Correlated 4d Post-Perovskite CaRhO ₃ . Journal of the American Chemical Society, 2009, 131, 2722-2726.	13.7	46
33	Enhanced spin-phonon-electronic coupling in a 5d oxide. Nature Communications, 2015, 6, 8916.	12.8	45
34	High-pressure high-temperature transitions in MgCr ₂ O ₄ and crystal structures of new Mg ₂ Cr ₂ O ₅ and post-spinel MgCr ₂ O ₄ phases with implications for ultrahigh-pressure chromitites in ophiolites. American Mineralogist, 2015, 100, 59-65.	1.9	43
35	High-pressure phase transitions of CaRhO ₃ perovskite. Physics and Chemistry of Minerals, 2009, 36, 455-462.	0.8	42
36	Magnetic, thermodynamic, and electrical transport properties of the noncentrosymmetric germanides MnGe and CoGe. Physical Review B, 2014, 90, .	3.2	42

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37	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{display}=\text{"inline"} \rangle \langle \text{mml:msub} \langle \text{mml:mi} \rangle \text{NaV} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant}=\text{"normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$: A Quasi-1D Metallic Antiferromagnet with Half-Metallic Chains. <i>Physical Review Letters</i> , 2007, 99, 196601.	7.8	41
38	Extended Ni(III) Oxyhalide Perovskite Derivatives: $\text{Sr}_{2-x}\text{NiO}_3\text{X}$ ($\text{X} = \text{Tl, ET, Q, O, r, g, BT}$)	4.0	41
39	Terahertz emission from $\text{Bi}_{2-x}\text{Sr}_{2-x}\text{CaCu}_2\text{O}_{8+\delta}$ intrinsic Josephson junction stacks with all-superconducting electrodes. <i>Superconductor Science and Technology</i> , 2012, 25, 075015.	3.5	40
40	High-pressure stability relations, crystal structures, and physical properties of perovskite and post-perovskite of NaNiF_3 . <i>Journal of Solid State Chemistry</i> , 2012, 191, 167-174.	2.9	40
41	Magnetic phase transitions in SmCoAsO . <i>Physical Review B</i> , 2010, 81, .	3.2	39
42	New layered cobalt oxyfluoride, $\text{Sr}_2\text{CoO}_3\text{F}$. <i>Chemical Communications</i> , 2011, 47, 3263-3265.	4.1	39
43	High-Pressure Synthesis, Crystal Structure Determination, and a Ca Substitution Study of the Metallic Rhodium Oxide NaRh_2O_4 . <i>Chemistry of Materials</i> , 2005, 17, 359-365.	6.7	37
44	$\text{La}_3\text{Ga}_3\text{Ge}_2\text{S}_3\text{O}_{10}$: An Ultraviolet Nonlinear Optical Oxysulfide Designed by Anion-Directed Band Gap Engineering. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26561-26565.	13.8	37
45	Evidence for the weakly coupled electron mechanism in an Anderson-Blount polar metal. <i>Nature Communications</i> , 2019, 10, 3217.	12.8	36
46	Crystal Growth and Structure and Magnetic Properties of the 5d Oxide $\text{Ca}_3\text{LiOsO}_6$: Extended Superexchange Magnetic Interaction in Oxide. <i>Journal of the American Chemical Society</i> , 2010, 132, 8474-8483.	13.7	35
47	Infrared evidence of a Slater metal-insulator transition in NaOsO_3 . <i>Scientific Reports</i> , 2013, 3, 2990.	3.3	35
48	Fragility of ferromagnetic double exchange interactions and pressure tuning of magnetism in perovskite $\text{Sr}_2\text{FeOsO}_6$. <i>Physical Review</i>	3.2	35
49	Magnetic, electric and thermoelectric properties of the quasi-1D cobalt oxides $\text{Ba}_{1-x}\text{La}_x\text{CoO}_3$. <i>Solid State Communications</i> , 2000, 115, 301-305.	1.9	34
50	Synthesis and physical properties of $\text{FeSe}_{1/2}\text{Te}_{1/2}$ superconductor. <i>Journal of Applied Physics</i> , 2010, 107, 09E128.	2.5	34
51	Synthesis, Crystal Structure, Electrical, and Magnetic Properties of the New Layered Cobalt Oxides $(\text{Sr, Ca, Ln})_3\text{Co}_2\text{O}_6\text{A}^{\pm}$ ($\text{Ln} = \text{Sm, Eu, Gd, Tb, Dy, Ho, and Y}$). <i>Journal of Solid State Chemistry</i> , 1999, 146, 277-286.	2.9	33
52	Nematic superconducting state in iron pnictide superconductors. <i>Nature Communications</i> , 2017, 8, 1880.	12.8	33
53	Synthesis, Crystal Structure, and Magnetic Order of the Layered Iron Oxycarbonate $\text{Sr}_4\text{Fe}_2\text{O}_6\text{CO}_3$. <i>Journal of Solid State Chemistry</i> , 2000, 152, 374-380.	2.9	32
54	Spin-Orbit Coupling Controlled $J_{\text{eff}} = 3$ Electronic Ground State in $\text{A}_2\text{B}_2\text{O}_6$ Oxides. <i>Physical Review Letters</i> , 2017, 118, 207202.	7.8	31

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73	Ferromagnetic transition in the correlated 4d perovskites $\text{SrRu}_{1-x}\text{Rh}_x\text{O}_3$. <i>Physical Review B</i> , 2004, 69, .	3.2	23
74	High-pressure crystal growth and magnetic and electrical properties of the quasi-one dimensional osmium oxide Na_2OsO_4 . <i>Journal of Solid State Chemistry</i> , 2010, 183, 402-407.	2.9	23
75	Direct observation of the depairing current density in single-crystalline $\text{Ba}_{0.5}\text{K}_{0.5}\text{Fe}_2\text{As}_2$ microbridge with nanoscale thickness. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	23
76	Complex Structural Behavior of $\text{BiMn}_7\text{O}_{12}$ Quadruple Perovskite. <i>Inorganic Chemistry</i> , 2017, 56, 12272-12281.	4.0	23
77	Magnetic structures of the rare-earth quadruple perovskite manganites $\text{R}_2\text{Mn}_2\text{O}_{12}$ ($\text{R} = \text{La}, \text{Ce}, \text{Pr}, \text{Nd}, \text{Sm}, \text{Eu}, \text{Gd}, \text{Tb}, \text{Dy}, \text{Ho}, \text{Er}, \text{Tm}, \text{Yb}, \text{Lu}$). <i>Physical Review B</i> , 2018, 98, .	3.2	23
78	Magnetic properties of the highly iron-doped rutile TiO_2 nano crystals. <i>Materials Research Bulletin</i> , 2006, 41, 2080-2087.	5.2	21
79	Crystal Structural, Magnetic, and Transport Properties of Layered Cobalt Oxyfluorides, $\text{Sr}_2\text{CoO}_{3+x}\text{F}_{1-x}$ ($0 \leq x \leq 0.15$). <i>Inorganic Chemistry</i> , 2012, 51, 4802-4809.	4.0	21
80	High-pressure crystal growth and electromagnetic properties of 5d double-perovskite Ca_3OsO_6 . <i>Journal of Solid State Chemistry</i> , 2013, 201, 186-190.	2.9	21
81	Pressure-Driven Spin Crossover Involving Polyhedral Transformation in Layered Perovskite Cobalt Oxyfluoride. <i>Scientific Reports</i> , 2016, 6, 36253.	3.3	21
82	Magnetic and Structural Studies of Sc Containing Ruthenate Double Perovskites $\text{A}_2\text{ScRu}_6\text{O}_{18}$ ($\text{A} = \text{Ba}, \text{Sr}$). <i>Inorganic Chemistry</i> , 2017, 56, 9009-9018.	4.0	21
83	Pressure-induced enhancement of non-polar to polar transition temperature in metallic LiOsO_3 . <i>Applied Physics Letters</i> , 2018, 113, .	3.3	21
84	High-pressure synthesis of the perovskite rhodate CaRhO_3 . <i>Physica C: Superconductivity and Its Applications</i> , 2006, 445-448, 54-56.	1.2	20
85	Superconductivity in the hexagonal-layered molybdenum carbide Mo_3C_2 . <i>Physical Review B</i> , 2006, 74, .	3.2	20
86	High pressure synthesis, crystal structure, and magnetic properties of the double-perovskite $\text{Sr}_2\text{FeOsO}_6$. <i>High Pressure Research</i> , 2013, 33, 221-228.	1.2	20
87	High-pressure synthesis, crystal structure and magnetic properties of double perovskite oxide $\text{Ba}_2\text{CuOsO}_6$. <i>Journal of Solid State Chemistry</i> , 2014, 217, 9-15.	2.9	20
88	High-Pressure Synthesis, Structures, and Properties of Trivalent A-Site-Ordered Quadruple Perovskites $\text{RMn}_7\text{O}_{12}$ ($\text{R} = \text{Sm}, \text{Eu}, \text{Gd}, \text{and Tb}$). <i>Inorganic Chemistry</i> , 2018, 57, 5987-5998.	4.0	20
89	Synthesis, Crystal Structure, and Magnetic and Electric Properties of the Cross-Linked Chain Cobalt Oxychloride $\text{Ba}_5\text{Co}_5\text{ClO}_{13}$. <i>Journal of Solid State Chemistry</i> , 2001, 158, 175-179.	2.9	19
90	Magnetic structure determination of $\text{Ca}_3\text{LiOsO}_6$ using neutron and x-ray scattering. <i>Physical Review B</i> , 2012, 86, .	3.2	19

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91	Carbon-Induced Ferromagnetism in the Antiferromagnetic Metallic Host Material Mn_3ZnN . <i>Inorganic Chemistry</i> , 2013, 52, 800-806.	4.0	19
92	Local destruction of superconductivity by non-magnetic impurities in mesoscopic iron-based superconductors. <i>Nature Communications</i> , 2015, 6, 7614.	12.8	19
93	The role of nonmagnetic d0 vs. d10 B-type cations on the magnetic exchange interactions in osmium double perovskites. <i>Journal of Solid State Chemistry</i> , 2016, 243, 119-123.	2.9	19
94	Evolution of the Magnetic Excitations in $NaOsO_3$ through its Metal-Insulator Transition. <i>Physical Review Letters</i> , 2018, 120, 227203.	7.8	19
95	Spin glass-like magnetic properties of $LiNiO_2$. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1998, 54, 70-72.	3.5	18
96	High-Pressure Synthesis, Crystal Structure, and Electromagnetic Properties of $CdRh_2O_4$: an Analogous Oxide of the Postspinel Mineral $MgAl_2O_4$. <i>Inorganic Chemistry</i> , 2012, 51, 6868-6875.	4.0	18
97	Impurity effects on the Fe-based superconductor $A(Fe_{1-x}Co_x)_2As_2$ (A=Ba and Sr). <i>Solid State Communications</i> , 2012, 152, 671-679.	1.9	18
98	Superconductivity in Bismuth Oxysulfide $Bi_4O_4S_3$. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 074703.	1.6	18
99	Growth of Black Phosphorus Nanobelts and Microbelts. <i>Small</i> , 2018, 14, 1702501.	10.0	18
100	Crystal Structure and Magnetic Properties of the Trilayered Perovskite $Sr_4Rh_3O_{10}$: A New Member of the Strontium Rhodate Family. <i>Chemistry of Materials</i> , 2004, 16, 3424-3430.	6.7	17
101	Comparative study of the electronic structures of $SrMO_3$ (M = Ti, V, Mn, Fe, and Co; M = Zr, Mo, Ru, and) Tj . <i>ETQq1</i> 1.0.784314rgBT /Ov	1.8	17
102	Synthesis, Structure, and Magnetic Properties of a New Double Perovskite Ca_2InOsO_6 . <i>Physics Procedia</i> , 2013, 45, 117-120.	1.2	16
103	High-pressure transitions in $NaZnF_3$ and $NaMnF_3$ perovskites, and crystal-chemical characteristics of perovskite-postperovskite transitions in ABX_3 fluorides and oxides. <i>Physics of the Earth and Planetary Interiors</i> , 2014, 228, 160-169.	1.9	16
104	High-pressure synthesis, crystal structure and magnetic properties of $TiCrO_3$ perovskite. <i>Dalton Transactions</i> , 2015, 44, 10785-10794.	3.3	16
105	Room temperature ferromagnetism of antiferromagnetic-disordered $CaMn_2O_6$. <i>Physical Review Letters</i> , 2013, 111, 177201.	2.4	16
106	Mn^{2+} -Si-Catalyzed Synthesis and Tip-End-Induced Room Temperature Ferromagnetism of SiC/SiO_2 Core-Shell Heterostructures. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18911-18915.	3.1	15
107	Superconductivity in $SmFe_{1-x}Co_xAsO$ ($x=0.0-0.30$). <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	15
108	Nonmagnetic pair-breaking effect in $La(Fe_{1-x}Zn_x)AsO$. Studied by ^{75}As and ^{139}La NMR and NQR. <i>Physical Review B</i> , 2011, 83, .	3.2	15

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109	Anion Order-to-Disorder Transition in Layered Iron Oxyfluoride $\text{Sr}_{2-x}\text{FeO}_3\text{F}_x$ Single Crystals. <i>Crystal Growth and Design</i> , 2014, 14, 4278-4284.	3.0	15
110	Crossover from itinerant to localized magnetic excitations through the metal-insulator transition in NaOsO_3 . <i>Physical Review B</i> , 2018, 97, .	3.2	15
111	Synthesis of SmFeAsO by an easy and versatile route and its physical property characterization. <i>Journal of Applied Physics</i> , 2009, 105, 07E316.	2.5	14
112	Peak effect in optimally doped p -type single-crystal $\text{Ba}_{1-x}\text{K}_x\text{MnO}_{3.5}$. <i>Physical Review B</i> , 2019, 99, .	3.2	14
113	Short review of high-pressure crystal growth and magnetic and electrical properties of solid-state osmium oxides. <i>Journal of Solid State Chemistry</i> , 2016, 236, 45-54.	2.9	14
114	Mn Self-Doping of Orthorhombic RMnO_3 Perovskites: ($\text{R}_{0.667}\text{Mn}_{0.333}$) MnO_3 with $\text{R} = \text{Lu}$. <i>Inorganic Chemistry</i> , 2018, 57, 2773-2781.	4.0	14
115	Crystal and Magnetic Structures and Properties of $(\text{Lu}_{1-x}\text{Mn}_x)\text{MnO}_3$ Solid Solutions. <i>Inorganic Chemistry</i> , 2018, 57, 14073-14085.	4.0	14
116	High-Pressure Phase Relations and Crystal Structures of Postspinel Phases in MgV_2O_4 , FeV_2O_4 , and MnCr_2O_4 : Crystal Chemistry of AB_2O_4 Postspinel Compounds. <i>Inorganic Chemistry</i> , 2018, 57, 6648-6657.	4.0	14
117	Intrinsic Triple Order in A -site Columnar-Ordered Quadruple Perovskites: Proof of Concept. <i>ChemPhysChem</i> , 2018, 19, 2449-2452.	2.1	14
118	Magnetic structure and spin-flop transition in the A -site columnar-ordered quadruple perovskite O_6TmMn_3 . <i>Physical Review B</i> , 2019, 99, .	3.2	14
119	Valence Variations by B-Site Doping in A-Site Columnar-Ordered Quadruple Perovskites $\text{Sm}_{2-x}\text{MnMn}(\text{Mn}_{4-x}\text{Ti}_x)\text{O}_{12}$ with 1 at% x . <i>Inorganic Chemistry</i> , 2019, 58, 3492-3501.	4.0	14
120	Synthesis and magnetic study for $\text{Ga}_{1-x}\text{Mn}_x\text{N}$ whiskers. <i>Chemical Physics Letters</i> , 2005, 405, 127-130.	2.6	13
121	Charge transport and ferromagnetic critical behavior of the correlated d -perovskite $\text{Sr}_3\text{Mg}_2\text{Mn}_2\text{O}_{12}$. <i>Physical Review B</i> , 2020, 102, .	3.2	13
122	Optical and Magnetic Studies of Electrospun Mn-Doped SnO_2 Hollow Nanofiber Dilute Magnetic Semiconductor. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 5391-5400.	0.9	13
123	Florescent and Magnetic Mesoporous Hybrid Material: A Chemical and Biological Nanosensor for Hg^{2+} Ions. <i>Scientific Reports</i> , 2016, 6, 21820.	3.3	13
124	A layered wide-gap oxyhalide semiconductor with an infinite ZnO_2 square planar sheet: $\text{Sr}_2\text{ZnO}_2\text{Cl}_2$. <i>Chemical Communications</i> , 2017, 53, 3826-3829.	4.1	13
125	Enhanced magnetization of the highest- T_C ferrimagnetic oxide $\text{Sr}_2\text{Mn}_2\text{O}_{12}$. <i>Physical Review B</i> , 2020, 102, .	3.2	13
126	$\text{La}_3\text{Ga}_3\text{Ge}_2\text{S}_3\text{O}_{10}$: An Ultraviolet Nonlinear Optical Oxyulfide Designed by Anion-Directed Band Gap Engineering. <i>Angewandte Chemie</i> , 2021, 133, 26765-26769.	2.0	13

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127	High-pressure synthesis of an oxide carbonate superconductor with a T_c of 92 K in the Ca-Sr-Cu-C-O system. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 229, 183-187.	1.2	12
128	Crystal structure of CaRhO ₃ polymorph: High-pressure intermediate phase between perovskite and post-perovskite. <i>American Mineralogist</i> , 2012, 97, 159-163.	1.9	12
129	High-pressure synthesis, crystal structure, and magnetic properties of KSbO ₃ -type 5d oxides K _{0.84} O _s O ₃ and Bi _{2.93} O _s 3O ₁₁ . <i>Science and Technology of Advanced Materials</i> , 2014, 15, 064901.	6.1	12
130	Phase transitions in strontium perovskites. Studies of SrOsO ₃ compared to other 4d and 5d perovskites. <i>Journal of Solid State Chemistry</i> , 2016, 237, 27-31.	2.9	12
131	Progress in nonmagnetic impurity doping studies on Fe-based superconductors. <i>Superconductor Science and Technology</i> , 2016, 29, 053001.	3.5	12
132	Interplay of spin-orbit coupling and hybridization in Ca ₃ and Q states for the magnetic skyrmion lattice and skyrmion excitations under a zero magnetic field. <i>Physical Review B</i> , 2017, 96, 080401.	3.2	12
133	Displacive structural phase transitions and the magnetic ground state of quadruple perovskite YMn ₁₂ O ₁₂ . <i>Physical Review B</i> , 2019, 99, 080401.	3.27	12
134	Superconducting properties of the oxygen-deficient iron oxyarsenide TbFeAsO _{1-x} from underdoped to overdoped compositions. <i>Physical Review B</i> , 2009, 80, .	3.2	11
135	Growth of Single-Crystal Ca ₁₀ (Pt ₄ As ₈)(Fe _{1.8} Pt _{0.2} As ₂) ₅ Nanowhiskers with Superconductivity up to 33 K. <i>Journal of the American Chemical Society</i> , 2012, 134, 4068-4071.	13.7	11
136	Experimental observation of multiple Q states for the magnetic skyrmion lattice and skyrmion excitations under a zero magnetic field. <i>Physical Review B</i> , 2015, 92, .	3.2	11
137	Anomalous crystal-structure distortion at the antiferromagnetic transition in the layered cobalt oxide Sr ₂ Y _{0.8} Ca _{0.2} Co ₂ O ₆ . <i>Physical Review B</i> , 1999, 60, 9623-9629.	3.2	10
138	Electronic properties of the novel 4d metallic oxide SrRhO ₃ . <i>Physica B: Condensed Matter</i> , 2003, 329-333, 820-821.	2.7	10
139	Unusual magnetic hysteresis and the weakened transition behavior induced by Sn substitution in Mn ₃ SbN. <i>Journal of Applied Physics</i> , 2014, 115, 043509.	2.5	10
140	Structure and cation distribution in perovskites with small cations at the A site: the case of ScCoO ₃ . <i>Science and Technology of Advanced Materials</i> , 2015, 16, 024801.	6.1	10
141	High-pressure synthesis, crystal structure, and magnetic properties of the Shastry-Sutherland-lattice oxides BaLn ₂ ZnO ₅ (Ln = Pr, Sm, Eu). <i>Journal of Solid State Chemistry</i> , 2020, 289, 121489.	2.9	10
142	High-Pressure Synthesis, Crystal Structures, and Properties of A-Site Columnar-Ordered Quadruple Perovskites NaRMn ₂ Ti ₄ O ₁₂ with R = Sm, Eu, Gd, Dy, Ho, Y. <i>Inorganic Chemistry</i> , 2020, 59, 9065-9076.	4.0	10
143	Crystal structure and electronic and thermal properties of TbFeAsO _{0.85} . <i>Applied Physics Letters</i> , 2009, 94, 192507.	3.3	9
144	Impurity effects on the normal-state transport properties of Ba _{0.5} K _{0.5} Fe ₂ . <i>Physical Review B</i> , 2014, 90, .	3.2	9

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145	Growth, structural, optical, electrical and mechanical studies on urea phthalic acid single crystals. <i>Optik</i> , 2015, 126, 981-984.	2.9	9
146	Crystal structure and magnetic properties of A-site-ordered quadruple perovskite CeCu ₃ Cr ₄ O ₁₂ . <i>Journal of Alloys and Compounds</i> , 2019, 793, 42-48.	5.5	9
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