

Kazunari Yamaura

List of Publications by Year in descending order

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245
papers

5,747
citations

81900

39
h-index

114465

63
g-index

266
all docs

266
docs citations

266
times ranked

5887
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple magnetic transitions and complex magnetic behaviour of the perovskite manganite NdMn ₇ O ₁₂ . Journal of Solid State Chemistry, 2022, 309, 122969.	2.9	1
2	Melting of magnetic order in NaOsO_3 by femtosecond laser pulses. Physical Review B, 2022, 105, .	3.2	1
3	Magnetic properties and ferrimagnetic structures of Mn self-doped perovskite solid solutions (Ho _{1-x} Mn _x)MnO ₃ . Journal of Alloys and Compounds, 2021, 857, 158230.	5.5	3
4	Ferrimagnetic and relaxor ferroelectric properties of R ₂ MnMn(MnTi ₃)O ₁₂ perovskites with R = Nd, Eu, and Gd. Journal of Materials Chemistry C, 2021, 9, 947-956.	5.5	6
5	Flux Crystal Growth, Crystal Structure, and Magnetic Properties of a Ternary Chromium Disulfide Ba ₉ Cr ₄ S ₁₉ with Unusual Cr ₄ S ₁₅ Tetramer Units. ACS Omega, 2021, 6, 6842-6847.	3.5	0
6	Magnetic Properties of S = 1/2 Distorted Kagome Antiferromagnet CdCu ₃ (OH) ₆ Cl ₂ with Low-Symmetry Orbital Arrangement. Journal of the Physical Society of Japan, 2021, 90, 044714.	1.6	2
7	Temperature evolution of 3d- and 4f-electron magnetic ordering in the ferrimagnetic Mn self-doped perovskite (Yb _{0.667} Mn _{0.333})MnO ₃ . Journal of Physics Condensed Matter, 2021, 33, 205804.	1.8	3
8	Low-temperature transport properties of doped $\text{BaMn}_{0.57}\text{K}_{0.43}$ superconductors in high magnetic field. Physical Review B, 2021, 103, .	3.3	3
9	Antiferromagnetic Order Breaks Inversion Symmetry in a Metallic Double Perovskite, Pb ₂ NiOsO ₆ . Chemistry of Materials, 2021, 33, 4188-4195.	6.7	8
10	Magnetic properties of the Shastry-Sutherland lattice material $\text{BaNd}_{2}\text{Mn}_2\text{O}_{10}$. Physical Review Materials, 2021, 5, .	2.4	1
11	Probing spin fluctuations in NaOsO ₃ by muon spin rotation and NMR spectroscopy. Journal of Physics Condensed Matter, 2021, 33, 335802.	1.8	0
12	NMR investigations toward understanding the variety of ground states in iron-based superconductors. Journal of Physics: Conference Series, 2021, 1975, 012008.	0.4	0
13	Strongly correlated electrons in the ferroelectric metal LiOsO_3 . Physical Review B, 2021, 104, .	3.2	2
14	La ₃ Ga ₃ Ge ₂ S ₃ O ₁₀ : An Ultraviolet Nonlinear Optical Oxysulfide Designed by Anion-Directed Band Gap Engineering. Angewandte Chemie, 2021, 133, 26765-26769.	2.0	13
15	La ₃ Ga ₃ Ge ₂ S ₃ O ₁₀ : An Ultraviolet Nonlinear Optical Oxysulfide Designed by Anion-Directed Band Gap Engineering. Angewandte Chemie - International Edition, 2021, 60, 26561-26565.	13.8	37
16	A-site-ordered quadruple perovskite manganite CeMn ₇ O ₁₂ with trivalent cations. Journal of Solid State Chemistry, 2020, 283, 121161.	2.9	8
17	Static and dynamic spin properties in the quantum triangular lattice antiferromagnet AgMn_2O_3 . Physical Review B, 2020, 102, .	3.2	1
18	Aberrant electronic and structural alterations in pressure tuned perovskite NaOsO ₃ . Npj Quantum Materials, 2020, 5, .	5.2	4

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19	Emergence of a Magnetostructural Dipolar Glass in the Quadruple Perovskite DyO_{12} . Physical Review Letters, 2020, 125, 097601.	7.8	4
20	Magnetically driven loss of centrosymmetry in metallic $\text{Pb}_{32}\text{O}_{12}$. Physical Review B, 2020, 102, .	3.2	5
21	Coupled magnetic and structural phase transitions in the antiferromagnetic polar metal $\text{Pb}_{32}\text{O}_{12}$ under pressure. Physical Review B, 2020, 102, .	3.2	5
22	Magnetically induced metal-insulator transition in $\text{Pb}_{32}\text{O}_{12}$. Physical Review B, 2020, 102, .	3.2	5
23	High-pressure synthesis of the highest ferrimagnetic oxide Sr_2O_6 . Physical Review B, 2020, 102, .	3.2	13
24	High-pressure synthesis, crystal structure, and magnetic properties of the Shastry-Sutherland-lattice oxides $\text{BaLn}_2\text{ZnO}_5$ (Ln = Pr, Sm, Eu). Journal of Solid State Chemistry, 2020, 289, 121489.	2.9	10
25	Room-temperature polar metal stabilized under high pressure. Physical Review B, 2020, 101, .	3.2	8
26	High-Pressure Synthesis, Crystal Structures, and Properties of A-Site Columnar-Ordered Quadruple Perovskites $\text{NaRMn}_2\text{Ti}_4\text{O}_{12}$ with R = Sm, Eu, Gd, Dy, Ho, Y. Inorganic Chemistry, 2020, 59, 9065-9076.	4.0	10
27	Origin of negative magnetization phenomena in $(\text{Tm}_{1-x}\text{Mn}_x)\text{MnO}_3$: A neutron diffraction study. Physical Review B, 2020, 101, .	3.2	8
28	Flux Crystal Growth, Crystal Structure, and Optical Properties of New Germanate Garnet $\text{Ce}_2\text{CaMg}_2\text{Ge}_3\text{O}_{12}$. Frontiers in Chemistry, 2020, 8, 91.	3.6	1
29	Study of Polycrystalline Bulk Sr_3OsO_6 Double-Perovskite Insulator: Comparison with 1000 K Ferromagnetic Epitaxial Films. Inorganic Chemistry, 2020, 59, 4049-4057.	4.0	9
30	Flux Crystal Growth, Structure, and Optical Properties of the New Germanium Oxysulfide $\text{La}_4(\text{GeS}_2\text{O}_2)_3$. Crystal Growth and Design, 2020, 20, 4054-4061.	3.0	4
31	High-pressure synthesis, crystal structures, and magnetic and dielectric properties of GdFeO_3 -type perovskites $(\text{Dy}_{0.5}\text{Mn}_{0.5})(\text{Mn}_{1-x}\text{Ti}_x)\text{O}_3$ with $x = 0.5$ and 0.75 . Journal of Alloys and Compounds, 2020, 825, 154019.	5.5	6
32	Fluorination and reduction of CaCrO_3 by topochemical methods. Dalton Transactions, 2020, 49, 1997-2003.	3.3	3
33	Electronic properties of perovskite strontium chromium oxyfluoride epitaxial thin films fabricated via low-temperature topotactic reaction. Physical Review Materials, 2020, 4, .	2.4	5
34	Evidence for an extended critical fluctuation region above the polar ordering transition in LiOsO_3 . Physical Review Research, 2020, 2, .	3.6	5
35	From antiferromagnetism to high-weak ferromagnetism manipulated by atomic rearrangement in $\text{Ba}_3\text{Mn}_2\text{O}_{12}$. Physical Review Materials, 2020, 4, .	2.4	2
36	Effects of magnetic dilution in the ferrimagnetic columnar-ordered $\text{MnMnMn}_4\text{Ti}_x\text{O}_{12}$. Physical Review B, 2020, 102, .	3.2	6

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37	Nature of the magnetism of iridium in the double perovskite $\text{SrIr}_2\text{O}_{12}$. Physical Review B, 2019, 100, .	12.8	36
38	Evidence for the weakly coupled electron mechanism in an Anderson-Blount polar metal. Nature Communications, 2019, 10, 3217.	12.8	36
39	Spin-Glass Magnetic Properties of A-Site Columnar-Ordered Quadruple Perovskites $\text{Y}_2\text{MnCa}(\text{Mn}_{4-x}\text{Gax})\text{O}_{12}$ with $0 \leq x \leq 3$. Inorganic Chemistry, 2019, 58, 14830-14841.	4.0	7
40	Synthesis, structure, and magnetic and dielectric properties of magnetoelectric BaDyFeO_4 ferrite. Journal of Alloys and Compounds, 2019, 811, 151963.	5.5	8
41	High-temperature iron phosphide superconductivity enhanced by reemergent antiferromagnetic spin fluctuations in $\text{Sr}_2\text{Fe}_2\text{P}_2\text{O}_{12}$. Physical Review B, 2019, 100, .	3.2	6
42	Stepwise topochemical fluorination of SrCrO_3 perovskite via a super-structured oxide. Chemical Communications, 2019, 55, 7239-7242.	4.1	4
43	Crystal structure and magnetic properties of A-site-ordered quadruple perovskite $\text{CeCu}_3\text{Cr}_4\text{O}_{12}$. Journal of Alloys and Compounds, 2019, 793, 42-48.	5.5	9
44	Anomalous behavior of the quasi-one-dimensional quantum material Na_2OsO_4 at high pressure. Materials Today Physics, 2019, 8, 18-24.	6.0	2
45	Crystal structures of cation non-stoichiometric RMn_3O_6 ($\text{R} = \text{Gd, Er, and Tm}$) manganites belonging to A-site columnar-ordered quadruple perovskite family. Journal of Solid State Chemistry, 2019, 275, 43-48.	2.9	5
46	Magnetic structure and spin-flop transition in the A-site columnar-ordered quadruple perovskite $\text{TmMn}_3\text{O}_{12}$. Physical Review B, 2019, 99, .	3.2	14
47	High-pressure synthesis, crystal structure, and magnetic properties of hexagonal $\text{Ba}_3\text{CuOs}_2\text{O}_9$. Journal of Solid State Chemistry, 2019, 272, 182-188.	2.9	4
48	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 $1 \leq x \leq 3$. Inorganic Chemistry, 2019, 58, 3492-3501.	4.0	14
49	Displacive structural phase transitions and the magnetic ground state of quadruple perovskite $\text{YMn}_2\text{O}_{12}$. Physical Review B, 2019, 99, .	3.2	14
50	Room-temperature ferrimagnetism of anti-site-disordered CaMn_2O_6 . Physical Review Materials, 2019, 3, .	2.4	16
51	Synthesis, Crystal Structure, and Optical Properties of Layered Perovskite Scandium Oxychlorides: $\text{Sr}_2\text{ScO}_3\text{Cl}$, $\text{Sr}_3\text{Sc}_2\text{O}_5\text{Cl}_2$, and $\text{Ba}_3\text{Sc}_2\text{O}_5\text{Cl}_2$. Inorganic Chemistry, 2018, 57, 5615-5623.	4.0	8
52	Mn Self-Doping of Orthorhombic RMnO_3 Perovskites: ($\text{R}_{0.667}\text{Mn}_{0.333}$) MnO_3 with $\text{R} = \text{Er, Lu}$. Inorganic Chemistry, 2018, 57, 2773-2781.	4.0	14
53	Charge and orbital orders and structural instability in high-pressure quadruple perovskite $\text{CeCuMn}_6\text{O}_{12}$. Journal of Physics Condensed Matter, 2018, 30, 074003.	1.8	2
54	High-Pressure Synthesis, Structures, and Properties of Trivalent A-Site-Ordered Quadruple Perovskites $\text{RMn}_7\text{O}_{12}$ ($\text{R} = \text{Sm, Eu, Gd, and Tb}$). Inorganic Chemistry, 2018, 57, 5987-5998.	4.0	20

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55	Growth of Black Phosphorus Nanobelts and Microbelts. <i>Small</i> , 2018, 14, 1702501.	10.0	18
56	Crystal and Magnetic Structures and Properties of $(\text{Lu}_{1-x}\text{Mn}_x)_3\text{MnO}_3$ Solid Solutions. <i>Inorganic Chemistry</i> , 2018, 57, 14073-14085.	4.0	14
57	Direct observation of electron density reconstruction at the metal-insulator transition in NaOsO_3 . <i>Physical Review B</i> , 2018, 98, 080401.	3.2	7
58	Magnetic structures of the rare-earth quadruple perovskite manganites $\text{R}_{12}\text{MnO}_{23}$. <i>Physical Review B</i> , 2018, 98, 080402.	3.2	23
59	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
60	Evolution of the Magnetic Excitations in NaOsO_3 through its Metal-Insulator Transition. <i>Physical Review Letters</i> , 2018, 120, 227203.	7.8	19
61	Crossover from itinerant to localized magnetic excitations through the metal-insulator transition in NaOsO_3 . <i>Physical Review B</i> , 2018, 97, 120401.	3.2	15
62	Intrinsic Triple Order in $\text{A}_2\text{B}_2\text{O}_7$ Ordered Quadruple Perovskites: Proof of Concept. <i>ChemPhysChem</i> , 2018, 19, 2449-2452.	2.1	14
63	Pressure-induced enhancement of non-polar to polar transition temperature in metallic LiOsO_3 . <i>Applied Physics Letters</i> , 2018, 113, 081101.	3.3	21
64	High-Pressure Synthesis, Crystal Structure, and Semimetallic Properties of HgPbO_3 . <i>Inorganic Chemistry</i> , 2018, 57, 7601-7609.	4.0	1
65	Strongly gapped spin-wave excitation in the insulating phase of NaOsO_3 . <i>Physical Review B</i> , 2017, 95, 120401.	3.2	24
66	Five-Fold Ordering in High-Pressure Perovskites RMn_3O_6 ($\text{R} = \text{Gd-Tm}$ and Y). <i>Inorganic Chemistry</i> , 2017, 56, 5210-5218.	4.0	29
67	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
68	Complex Structural Behavior of $\text{BiMn}_7\text{O}_{12}$ Quadruple Perovskite. <i>Inorganic Chemistry</i> , 2017, 56, 12272-12281.	4.0	23
69	Electrically insulating properties of the 5d double perovskite Sr_2YO_6 . <i>Journal of Applied Physics</i> , 2017, 122, 103905.	2.5	0
70	Nematic superconducting state in iron pnictide superconductors. <i>Nature Communications</i> , 2017, 8, 1880.	12.8	33
71	Interplay of spin-orbit coupling and hybridization in $\text{CaMn}_3\text{O}_{12}$ and $\text{CaMn}_3\text{O}_{10}$. <i>Physical Review B</i> , 2017, 96, 080401.	3.2	12
72	Large negative magnetoresistance of a nearly Dirac material: Layered antimonide EuMnSb_2 . <i>Physical Review B</i> , 2017, 96, 080402.	3.2	50

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73	Magnetic and Structural Studies of Sc Containing Ruthenate Double Perovskites A_2ScRu_6 ($A = Ba, Sr$). Inorganic Chemistry, 2017, 56, 9009-9018.	4.0	21
74	Heavy fermion behavior in the quasi-one-dimensional Kondo lattice CeCo ₂ Ga ₈ . Npj Quantum Materials, 2017, 2, .	5.2	27
75	Spin-Orbit Coupling Controlled J Electronic Ground State in $A_2B_2NiO_5$. Physical Review Letters, 2017, 118, 177201.	7.8	31
76	Dirac-Mott Insulator with Ferromagnetism near 100 K. Physical Review B, 2016, 94, .	8.2	55
77	The role of nonmagnetic d ₀ vs. d ₁₀ B-type cations on the magnetic exchange interactions in osmium double perovskites. Journal of Solid State Chemistry, 2016, 243, 119-123.	2.9	19
78	Electronic correlations in the ferroelectric metallic state of A_2LiO_3 . Physical Review B, 2016, 93, .	3.2	29
79	Pressure-Driven Spin Crossover Involving Polyhedral Transformation in Layered Perovskite Cobalt Oxyfluoride. Scientific Reports, 2016, 6, 36253.	3.3	21
80	Fluorescent and Magnetic Mesoporous Hybrid Material: A Chemical and Biological Nanosensor for Hg ₂₊ Ions. Scientific Reports, 2016, 6, 21820.	3.3	13
81	Phase transitions in strontium perovskites. Studies of SrOsO ₃ compared to other 4d and 5d perovskites. Journal of Solid State Chemistry, 2016, 237, 27-31.	2.9	12
82	Progress in nonmagnetic impurity doping studies on Fe-based superconductors. Superconductor Science and Technology, 2016, 29, 053001.	3.5	12
83	High-Pressure Synthesis, Crystal Structure, and Magnetic Properties of Sr ₂ MnO ₃ F: A New Member of Layered Perovskite Oxyfluorides. Inorganic Chemistry, 2016, 55, 2627-2633.	4.0	25
84	Short review of high-pressure crystal growth and magnetic and electrical properties of solid-state osmium oxides. Journal of Solid State Chemistry, 2016, 236, 45-54.	2.9	14
85	Fragility of ferromagnetic double exchange interactions and pressure tuning of magnetism in $A_2B_2NiO_5$ perovskite. Physical Review Letters, 2016, 116, 177201.	3.2	35
86	Experimental observation of multiple Q states for the magnetic skyrmion lattice and skyrmion excitations under a zero magnetic field. Physical Review B, 2015, 92, .	3.2	11
87	High upper critical fields of superconducting Ca ₁₀ (Pt ₄ As ₈)(Fe _{1.8} Pt _{0.2} As ₂) ₅ whiskers. Applied Physics Letters, 2015, 106, 262601.	3.3	4
88	Structure and cation distribution in perovskites with small cations at the A site: the case of ScCoO ₃ . Science and Technology of Advanced Materials, 2015, 16, 024801.	6.1	10
89	Enhanced spin-phonon-electronic coupling in a 5d oxide. Nature Communications, 2015, 6, 8916.	12.8	45
90	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

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109	Bulk compound synthesis and oxygen deficiency effect on electronic and magnetic properties of the Zn-based oxyarsenide LaZnAsO_{1-x} . <i>Journal of Alloys and Compounds</i> , 2014, 582, 241-245.	5.5	6
110	High-Temperature Ferrimagnetism Driven by Lattice Distortion in Double Perovskite $\text{Ca}_2\text{FeOsO}_6$. <i>Journal of the American Chemical Society</i> , 2014, 136, 3326-3329.	13.7	122
111	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
112	The Unusual Resistivity Behavior and Correlated Magnetic Properties of Antiperovskite $\text{Mn}_3\text{Ag}_2\text{M}_2\text{N}$ ($\text{M} = \text{Sn, Zn}$) Compounds. <i>Science of Advanced Materials</i> , 2014, 6, 1394-1398.	0.7	3
113	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
114	High-Pressure Synthesis of 5d Cubic Perovskite BaOsO_3 at 17 GPa: Ferromagnetic Evolution over 3d to 5d Series. <i>Journal of the American Chemical Society</i> , 2013, 135, 16507-16516.	13.7	58
115	Extended Ni(III) Oxyhalide Perovskite Derivatives: $\text{Sr}_2\text{NiO}_3\text{X}$ ($\text{X} = \text{F, Cl, Br, I}$) <i>Tj ETQq</i> 1.1 0.7843 14 rgBT 4.0 41	1.1	14
116	Synthesis, Structure, and Magnetic Properties of a New Double Perovskite $\text{Ca}_2\text{InOsO}_6$. <i>Physics Procedia</i> , 2013, 45, 117-120.	1.2	16
117	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
118	A ferroelectric-like structural transition in a metal. <i>Nature Materials</i> , 2013, 12, 1024-1027.	27.5	343
119	Crystal structure and magnetic properties and Zn substitution effects on the spin-chain compound $\text{Sr}_3\text{Co}_2\text{O}_6$. <i>Journal of Solid State Chemistry</i> , 2013, 204, 40-46.	2.9	4
120	Substitution Effects of Calcium in Antiferromagnetic $\text{Yb}_2\text{Fe}_3\text{Si}_5$. <i>Physics Procedia</i> , 2013, 45, 113-116.	1.2	1
121	Metal-insulator transition in Na-doped post-spinel CdRh_2O_4 . <i>Journal of Alloys and Compounds</i> , 2013, 563, 119-123.	5.5	6
122	Quasi-periodic magnetic flux jumps in the superconducting state of $\text{Ba}_{0.5}\text{K}_{0.5}\text{Fe}_{1.9}\text{M}_{0.1}\text{As}_2$ ($\text{M} = \text{Fe, Co}$) <i>Tj ETQq</i> 0.0 0.0 rgBT 1.2 3	0.0	3
123	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
124	Carbon-Induced Ferromagnetism in the Antiferromagnetic Metallic Host Material Mn_3ZnN . <i>Inorganic Chemistry</i> , 2013, 52, 800-806.	4.0	19
125	Superconductivity in Bismuth Oxysulfide $\text{Bi}_4\text{O}_4\text{S}_3$. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 074703.	1.6	18
126	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

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127	Effect in optimally doped single-crystal $\text{BaK}_{0.5}\text{Fe}$	3.2	14
128	Infrared evidence of a Slater metal-insulator transition in NaOsO_3 . Scientific Reports, 2013, 3, 2990.	3.3	35
129	Thermodynamic, Electromagnetic, and Lattice Properties of Antiperovskite Mn_3SbN . Advances in Condensed Matter Physics, 2013, 2013, 1-5.	1.1	3
130	Resistive switching phenomenon driven by antiferromagnetic phase separation in an antiperovskite nitride Mn_3ZnN . Applied Physics Letters, 2012, 100, .	3.3	24
131	Continuous magnetic phase transition in non-frustrated CaOs_2O_7	3.2	6
132	Magnetically Driven Metal-Insulator Transition in NaOsO_3 . Physical Review Letters, 2012, 108, 257209.	7.8	115
133	Insulator-metal transition with gradual hydrogen doping in $\text{LaFeAsO}_{1-x}\text{H}_x$		

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145	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
146	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
147	LiOsO_6 using neutron and x-ray scattering. <i>Physical Review</i>	3.2	19
148	Growth of Single-Crystal $\text{Ca}_{10}(\text{Pt}_4\text{As}_8)(\text{Fe}_{1.8}\text{Pt}_{0.2}\text{As}_2)_{53}$ Nanowhiskers with Superconductivity up to 33 K. <i>Journal of the American Chemical Society</i> , 2012, 134, 4068-4071.	13.7	11
149	Neutron Diffraction Study of Unusual Phase Separation in the Antiperovskite Nitride Mn_3ZnN . <i>Inorganic Chemistry</i> , 2012, 51, 7232-7236.	4.0	62
150	Impurity effects on the Fe-based superconductor $\text{A}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ (A=Ba and Sr). <i>Solid State Communications</i> , 2012, 152, 671-679.	1.9	18
151	New layered cobalt oxyfluoride, $\text{Sr}_2\text{CoO}_3\text{F}$. <i>Chemical Communications</i> , 2011, 47, 3263-3265.	4.1	39
152	Topotactic Synthesis and Crystal Structure of a Highly Fluorinated Ruddlesden-Popper-Type Iron Oxide, $\text{Sr}_3\text{Fe}_2\text{O}_5\text{F}_2$ ($x \approx 0.44$). <i>Chemistry of Materials</i> , 2011, 23, 3652-3658.	6.7	27
153	Structural Evolution and Properties of Solid Solutions of Hexagonal InMnO_3 and InGaO_3 . <i>Inorganic Chemistry</i> , 2011, 50, 3559-3566.	4.0	28
154	Superconductivity of the platinum doped 122 iron arsenide SrFe_2As_2 . <i>Physica C: Superconductivity and Its Applications</i> , 2011, 471, 600-602.	1.2	1
155	Thermal evolution of the crystal structure of the correlated 4d post-perovskite CaRhO_3 . <i>Physica C: Superconductivity and Its Applications</i> , 2011, 471, 763-765.	1.2	4
156	Structural Evolution of the BiFeO_3 - LaFeO_3 System. <i>Chemistry of Materials</i> , 2011, 23, 285-292.	6.7	162
157	Non-magnetic impurity effect on the optimally carrier doped superconductor $\text{BaFe}_{1.87}\text{Co}_{0.13}\text{As}_2$ prepared at ambient pressure. <i>Physica C: Superconductivity and Its Applications</i> , 2011, 471, 213-215.	1.2	7
158	Synthesis of Nanostructured Reduced Titanium Oxide: Crystal Structure Transformation Maintaining Nanomorphology. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7418-7421.	13.8	110
159	Structure and magnetism of the postlayered perovskite $\text{Sr}_3\text{Co}_2\text{O}_{10}$ with	3.2	24
160	Co	3.2	24
161	Magnetic and electrical properties and carrier doping effects on the iron-based host compound $\text{Sr}_2\text{ScFeAsO}_3$. <i>Physical Review B</i> , 2011, 83, .	3.2	6
162	Nonmagnetic pair-breaking effect in $\text{La}(\text{Fe}_{1-x}\text{Zn}_x)\text{AsO}$.85 studied by ^{75}As and ^{139}La NMR and NQR. <i>Physical Review B</i> , 2011, 83, .	3.2	15

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163	Large decrease of critical temperature with increasing Zn substitution in the iron-based superconductor $\text{BaFe}_{1.89}\text{Co}_x\text{AsO}$. <i>Physical Review B</i> , 2010, 82, .	3.2	49
164	Post-perovskite transitions in Ca_4O_3 at high pressure. <i>Journal of Physics: Conference Series</i> , 2010, 215, 012095.	0.4	5
165	Magnetic properties of the sodium-osmium-oxide pyrochlore. <i>Journal of Physics: Conference Series</i> , 2010, 200, 012185.	0.4	0
166	Tight relation between the oxygen deficiency and T in LaFeAsO_{1-x} . <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S438-S439.	1.2	4
167	Spin-glass behavior of the NiAs-type $\text{Fe}_{1.5}\text{Sb}$ prepared under high-pressure. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S428-S429.	1.2	3
168	From weak magnetism (spin density wave SDW) to ferromagnetic state for $\text{SmFe}_{1-x}\text{Ru}_x\text{AsO}$ system with $x = 0.0 \sim 0.50$. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S424-S425.	1.2	0
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