

Yoshiya Uwatoko

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetization of Quaternary Heusler Alloy CoFeCrAl. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	1
2	Pressure-driven superconducting dome in the vicinity of CDW in the pyrite-type superconductor CuS . Physical Review Materials, 2022, 6, .	0.9	7
3	Sub-micrometer particle size effects on metastable phases for a photoswitchable Co ²⁺ Fe Prussian blue analog. Journal of Applied Physics, 2022, 131, 085110.	1.1	2
4	Phthalocyanine-Based Radicals as Single-Component Molecular Conductors. Bulletin of the Chemical Society of Japan, 2022, 95, 680-682.	2.0	1
5	Abrupt Change in Electronic States under Pressure in New Compound EuPt_3Al_5 . Journal of the Physical Society of Japan, 2022, 91, .	0.7	3
6	Pressure Induced Superconductivity and Multiple Structural Transitions in CsCl-Type Cubic CeZn Single Crystal. Crystals, 2022, 12, 571.	1.0	2
7	Pressure-Induced Superconductivity up to 9 ÅK in the Quasi-One-Dimensional $\text{KMn}_6\text{S}_{23}$ compound. Physical Review Letters, 2022, 128, 187001.	2.9	23
8	Magnetic field and pressure phase diagrams of the triangular-lattice antiferromagnet CsCuCl_3 explored via magnetic susceptibility measurements with a proximity-detector oscillator. Physical Review B, 2022, 105, .	1.1	4
9	Pressured-induced superconducting phase with large upper critical field and concomitant enhancement of antiferromagnetic transition in EuTe_2 . Nature Communications, 2022, 13, .	5.8	11
10	Structural Phase Transition and Possible Valence Instability of Ce_4f Electron Induced by Pressure in CeCoSi . Journal of the Physical Society of Japan, 2022, 91, .	0.7	4
11	Evidence for pressure induced unconventional quantum criticality in the coupled spin ladder antiferromagnet $\text{C}_9\text{H}_{18}\text{N}_2\text{CuBr}_4$. Nature Communications, 2022, 13, .	5.8	3
12	Superconducting and structural properties of the noncentrosymmetric Re_6S_{16} superconductor under high pressure. Physical Review B, 2022, 105, .		
13	Emergence of Superconductivity on the Border of Antiferromagnetic Order in RbMn_6Bi_5 under High Pressure: A New Family of Mn-Based Superconductors. Chinese Physics Letters, 2022, 39, 067401.	1.3	10
14	Anharmonic phonon interactions and the Kondo effect in a $\text{FeSe/Sb}_2\text{Te}_3/\text{FeSe}$ heterostructure: a proximity effect between ferromagnetic chalcogenide and di-chalcogenide. Nanoscale, 2022, 14, 10889-10902.	2.8	3
15	Pressure effect in the antiperovskite phosphide superconductor Sr_2P . Physical Review B, 2022, 105, .		
16	La-Substitution Effects on Multisite Ce Compound CePtGe_2 . Journal of the Physical Society of Japan, 2022, 91, .	0.7	2
17	First ESR Detection of Higgs Amplitude Mode and Analysis with Extended Spin-Wave Theory in Dimer System KCuCl_3 . Applied Magnetic Resonance, 2021, 52, 523-564.	0.6	4
18	Will Magnetic Properties near Pressure Induced Quantum Critical Phenomena be Elucidated?. JPSJ News and Comments, 2021, 18, 09.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Internal and External Pressure Effects on Superconductivity in $\text{FeTe}_{1-x}\text{Se}_x$ ($x=0.46, 0.54$) Single Crystals. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 725-731.	0.8	3
20	Crystallographic and superconducting properties of filled skutterudite $\text{P}_{12}\text{SrOs}_4$. <i>Physical Review B</i> , 2021, 103, .	1.1	2
21	Experimental evidence for the existence of a second partially-ordered phase of ice VI. <i>Nature Communications</i> , 2021, 12, 1129.	5.8	33
22	Strongly correlated superconductivity in a copper-based metal-organic framework with a perfect kagome lattice. <i>Science Advances</i> , 2021, 7, .	4.7	44
23	Defect induced ferromagnetic ordering and room temperature negative magnetoresistance in MoTeP . <i>Scientific Reports</i> , 2021, 11, 9104.	1.6	3
24	Double Superconducting Dome and Triple Enhancement of CsV_3Sb_5 in the Kagome Superconductor. <i>Physical Review B</i> , 2021, 103, .	2.9	240
25	Effects of disorder and hydrostatic pressure on charge density wave and superconductivity in HfTe_2 . <i>Physical Review B</i> , 2021, 103, .	1.1	11
26	High-pressure insulating phase of Mo_4O_{11} with collapsed volume. <i>Physical Review B</i> , 2021, 104, .	1.1	1
27	Continuous control of classical-quantum crossover by external high pressure in the coupled chain compound CsCuCl_3 . <i>Nature Communications</i> , 2021, 12, 4263.	5.8	7
28	Hybridization-Gap Formation and Superconductivity in the Pressure-Induced Semimetallic Phase of the Excitonic Insulator Ta_2NiSe_5 . <i>Journal of the Physical Society of Japan</i> , 2021, 90, 074706.	0.7	15
29	Pressure-induced reconstitution of Fermi surfaces and spin fluctuations in S-substituted FeSe . <i>Scientific Reports</i> , 2021, 11, 17265.	1.6	5
30	Discovery of Superconductivity in the Quasi-One-Dimensional SrBi_2Se_4 Single Crystals. <i>Chemistry of Materials</i> , 2021, 33, 6752-6760.	3.2	1
31	High-pressure phase diagrams of $\text{FeSe}_x\text{Te}_{1-x}$: correlation between suppressed nematicity and enhanced superconductivity. <i>Nature Communications</i> , 2021, 12, 381.	5.8	41
32	Competition between charge-density-wave and superconductivity in the kagome metal RbV_3Sb_5 . <i>Physical Review Research</i> , 2021, 3, .	1.3	50
33	Superconducting phase diagram and the evolution of electronic structure across charge density wave in underdoped TaTe_2 under hydrostatic pressure. <i>Physical Review B</i> , 2021, 104, .	1.1	3
34	Pressure Dependence of Superconducting Properties, Pinning Mechanism, and Crystal Structure of the $\text{Fe}_{0.99}\text{Mn}_{0.01}\text{Se}_{0.5}\text{Te}_{0.5}$ Superconductor. <i>ACS Omega</i> , 2021, 6, 30419-30431.	1.6	2
35	Quasi-one-dimensional superconductivity in the pressurized charge-density-wave conductor HfTe_3 . <i>Npj Quantum Materials</i> , 2021, 6, .	1.8	13
36	Nearly Room-Temperature Ferromagnetism in a Pressure-Induced Correlated Metallic State of the van der Waals Insulator CrGeTe_3 . <i>Physical Review Letters</i> , 2021, 127, 217203.	2.9	26

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37	Pressure-induced multicriticality and electronic instability in the quasi-kagome ferromagnet URhSn. Physical Review B, 2021, 104, .	1.1	3
38	Universal Dynamics of Magnetic Monopoles in Two-Dimensional Kagomé Ice. Journal of the Physical Society of Japan, 2021, 90, .	0.7	1
39	Quasi-one-dimensional magnetic interactions and conduction electrons in EuCu ₅ and EuAu ₅ with the characteristic hexagonal structure. Philosophical Magazine, 2020, 100, 1244-1257.	0.7	4
40	Magnetic Property of Gd ₅ Ge ₄ Single Crystal under Pressure. , 2020, , .		0
41	Fabrication and evaluation via nuclear quadrupole resonance of a palm cubic-anvil pressure cell. Review of Scientific Instruments, 2020, 91, 073907.	0.6	1
42	Magnetic and Transport Properties of Rare Earth Zintl Compound Yb ₈ Ge ₃ Sb ₅ . , 2020, , .		0
43	Pressure-induced second high-T _c superconducting phase in the organic-ion-intercalated (CTA) _{0.3} FeSe single crystal. Europhysics Letters, 2020, 130, 67004.	0.7	6
44	Weak ferromagnetism and possible non-Fermi-liquid behavior in the itinerant electronic material Co ₃ SnC. Physical Review B, 2020, 102, .	1.1	1
45	Pressure-induced incommensurate antiferromagnetic order in a ferromagnetic B-site ordered double-perovskite Lu ₂ NiMnO ₆ . Physical Review B, 2020, 102, .	1.1	3
46	Magnetic Phase Diagram of Antiferromagnetic Compound CeNiC ₂ Single Crystal under Pressure. , 2020, , .		0
47	Superconducting phase diagrams of S-doped $\text{Se}_{2-x}\text{H}_x$ under hydrostatic pressure. Physical Review B, 2020, 102, .	1.1	10
48	Coupled magnetic and structural phase transitions in the antiferromagnetic polar metal PbO_6 under pressure. Physical Review B, 2020, 102, .	1.1	5
49	Sample dependence of half-integer quantized thermal Hall effect in the Kitaev spin-liquid candidate Ta_2NiSe_5 . Physical Review B, 2020, 102, .	1.1	71
50	Single-Crystal Growth and Physical Properties of EuZn ₂ Ge ₂ . Journal of the Physical Society of Japan, 2020, 89, 054704.	0.7	1
51	Quantum Criticality of Valence Transition for the Unique Electronic State of Antiferromagnetic Compound EuCu ₂ Ge ₂ . Journal of the Physical Society of Japan, 2020, 89, 053703.	0.7	17
52	De Haas-van Alphen Effect and Fermi Surface Properties of Ti ₂ Sn ₃ . , 2020, , .		0
53	High-Pressure Hall Effect Measurement on Ta ₂ NiSe ₅ as a Candidate for Excitonic Insulator. , 2020, , .		3
54	Superconducting-Gap Anisotropy of Iron Pnictides Investigated via Combinatorial Microwave Measurements. Scientific Reports, 2020, 10, 7064.	1.6	5

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55	Pressure-Driven Eu ²⁺ -Doped BaLi ₂ Al ₂ Si ₂ N ₆ : A New Color Tunable Narrow-Band Emission Phosphor for Spectroscopy and Pressure Sensor Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2001384.	7.8	63
56	High pressure investigation of an organic three-dimensional Dirac semimetal candidate having a diamond lattice. <i>Physical Review B</i> , 2020, 101, .	1.1	2
57	Pressure-Induced Cubic Valence Fluctuating Ground State in YbPd. , 2020, , .		0
58	Magnetotransport properties of tellurium under extreme conditions. <i>Physical Review B</i> , 2020, 101, .	1.1	12
59	NMR study under pressure on the iron-based superconductor FeSe _{1-x} S _x (x = 0.12 and 0.23): Relationship between nematicity and AF fluctuations. <i>Modern Physics Letters B</i> , 2020, 34, 2040048.	1.0	3
60	Pressure Effect on the BiS ₂ Layered Compound Eu ₃ Bi ₂ S ₄ F ₄ . , 2020, , .		4
61	Hydrostatic Pressure Effect in Non-Doping LaOBiSe and Hole-Doping La _{1-x} Sr _x OBiS ₂ . , 2020, , .		0
62	Single Crystal Growth and Physical Properties of Ytterbium Sulfide (YbS ₂) with Triangular Lattice. , 2020, , .		4
63	Magnetoelectric Effect in the Antiferromagnetic Ordered State of Ce ₃ TiBi ₅ with Ce Zig-Zag Chains. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 033703.	0.7	19
64	Fermi Surfaces and Magnetoresistances of Dirac Conduction Electrons in PbX (X: S, Se, Te) and AMnBi ₂ (A = Ca, Sr). , 2020, , .		0
65	Single Crystal Growth of Ta and Ni Site Substituted Ta ₂ NiSe ₅ . , 2020, , .		3
66	Physical properties and pressure-induced superconductivity in the single-crystalline band insulator SnO. <i>Physical Review B</i> , 2020, 101, .	1.1	2
67	Single Crystal Growth and Ferromagnetism of New Compound EuCu _{1+x} Y _{1-x} P _{1+x} Y _{1-x} (x = 0.425). , 2020, , .		0
68	de Haas-van Alphen Effect and Fermi Surface Properties of Antiferromagnet EuSnP. , 2020, , .		0
69	Single Crystal Growth and Magnetic Properties of Antiferromagnets EuGe and EuGe ₂ . , 2020, , .		0
70	Single Crystal Growth and Unique Electronic States of Cubic Chiral EuPtSi and Related Compounds. , 2020, , .		3
71	Magnetic and Fermi Surface Properties of EuAu ₅ and EuCu ₅ . , 2020, , .		0
72	Chemical Substitution Effect of High-T _c Superconductor Candidate R ₄ Ni ₃ O ₈ (R: Rare-earth). , 2020, , .		8

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73	Thermal Expansion in as Cast YbCu ₅ Al (T _J = 0.784314 K)	1.0	14
74	Pressure effect on the anomalous Hall effect of ferromagnetic Weyl semimetal Co ₃ Sn ₂ S ₂ . Physical Review Materials, 2020, 4, .	0.9	12
75	Magnetic Field Effect on Nitrogenation of Sm ₂ Fe ₁₇ . Materials Transactions, 2020, 61, 1487-1491.	0.4	4
76	Effects of Substituted Elements on Spin Reorientation in Mn ₂ FeSbSn. Materials Transactions, 2020, 61, 1492-1495.	0.4	1
77	Unique Skyrmion Phases and Conduction Electrons in Cubic Chiral Antiferromagnet EuPtSi and Related Compounds. , 2020, , .	0.4	4
78	Redetermination of the crystal structure of R ₅ Si ₄ (R = Pr, Nd) from single-crystal X-ray diffraction data. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 510-513.	0.2	0
79	Structural and Magnetic Properties of a New Cubic Compound PrRu ₂ In ₂ Zn ₁₈ . , 2020, , .	0.4	0
80	Magnetic Measurements of Narrow-Gap Semiconductor FeSb ₂ under High Pressure. Materials Transactions, 2020, 61, 1476-1479.	0.4	3
81	Development of High-Field and High-Pressure ESR System and Application to Triangular Antiferromagnet CsCuCl ₃ . Applied Magnetic Resonance, 2019, 50, 1059-1065.	0.6	7
82	Magnetic-Competition-Induced Colossal Magnetoresistance in Mn ₂ HgCr under High Pressure. Physical Review Letters, 2019, 123, 047201.	2.9	9
83	Pressure-induced hydrogen localization coupled to a semiconductor-insulator transition in a hydrogen-bonded molecular conductor. RSC Advances, 2019, 9, 18353-18358.	1.7	7
84	Enhancement of superconducting properties and flux pinning mechanism on Cr _{0.0005} NbSe ₂ single crystal under Hydrostatic pressure. Scientific Reports, 2019, 9, 347.	1.6	19
85	Large Enhancement of Thermoelectric Efficiency Due to a Pressure-Induced Lifshitz Transition in SnSe. Physical Review Letters, 2019, 122, 226601.	2.9	46
86	Development of cubic anvil type high pressure apparatus for neutron diffraction. Journal of Physics Condensed Matter, 2019, 31, 384001.	0.7	5
87	Temperature-Pressure Phase Diagram of Antiferromagnet CeAl. Journal of the Physical Society of Japan, 2019, 88, 034707.	0.7	0
88	Exotic superconductivity in noncentrosymmetric and magnetic CeNiC ₂ revealed under high pressure. Physical Review B, 2019, 99, .	0.7	0
89	⁷⁷ Se-NMR Study under Pressure on 12%-S Doped FeSe. Journal of the Physical Society of Japan, 2019, 88, 033703.	0.7	10
90	In-Field Heat Treatment Effect on Nitridation of Sm ₂ Fe ₁₇ . Materials Transactions, 2019, 60, 2179-2182.	0.4	4

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91	Novel excitations near quantum criticality in geometrically frustrated antiferromagnet CsFeCl ₃ . Science Advances, 2019, 5, eaaw5639.	4.7	18
92	Enhanced orbital fluctuations in Mg-doped $V_{1-x}Mn_xO_4$ single crystals. Physical Review B, 2019, 100, .	1.1	4
93	Pressure-induced enhancement of superconductivity and quantum criticality in the 12442-type hybrid-structure superconductor KCa ₂ Fe ₄ As ₄ F ₂ . Physical Review B, 2019, 99, .	1.1	15
94	Suppression of the antiferromagnetic metallic state in the pressurized $MnBi_2$. Physical Review Materials, 2019, 3, .	0.9	45
95	Superconductivity of Electron-Doped NdOBiS ₂ by Substitution of Mixed-Valence Ce Ions. Journal of the Physical Society of Japan, 2019, 88, 103703.	0.7	6
96	Effect of Pressure on the 3d Mono-Pnictides CrAs and MnP. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2019, 29, 272-282.	0.1	0
97	High-pressure phase of $CrSb_2$: A new quasi-one-dimensional itinerant magnet with competing interactions. Physical Review Materials, 2019, 3, .	0.9	2
98	Direct Observation of the Quantum Phase Transition of SrCu ₂ (BO ₃) ₂ by High-Pressure and Terahertz Electron Spin Resonance. Journal of the Physical Society of Japan, 2018, 87, 033701.	0.7	38
99	Experimental and Theoretical Studies of the Metallic Conductivity in Cubic PbVO ₃ under High Pressure. Journal of the Physical Society of Japan, 2018, 87, 024801.	0.7	24
100	Magnetic Phase Transition of Mn _{1.9} Fe _{0.1} Sb _{0.9} Sn _{0.1} . IEEE Magnetics Letters, 2018, 9, 1-4.	0.6	1
101	Pressure Effect on Magnetic Properties of Weak Itinerant Electron Ferromagnet CrAlGe. Journal of the Physical Society of Japan, 2018, 87, 014701.	0.7	2
102	High- T _c superconductivity up to 55 K under high pressure in a heavily electron doped Li _{0.36} (NH ₃)yFe ₂ Se ₂ single crystal. Physical Review B, 2018, 97, .	1.1	44
103	Reemergence of high-T _c superconductivity in the (Li _{1-x} Fe _x)OHFe _{1-y} Se under high pressure. Nature Communications, 2018, 9, 380.	5.8	60
104	Pressure effect on the magnetic properties of the half-metallic Heusler alloy $Co_{1-x}Mn_x$. Physical Review B, 2018, 97, .	1.2	27
105	Magnetic fluctuations under pressure on S-doped FeSe studied via ⁷⁷ Se NMR. AIP Advances, 2018, 8, 101308.	0.6	1
106	Magnetic and transport properties of single crystalline $R_{1-x}Co_xSn_2$ ($R = Ce$ and La). AIP Advances, 2018, 8, .	0.6	0
107	Pressure effect on the antiferromagnetic compound Ce ₂ Ni ₃ Ge ₅ . AIP Advances, 2018, 8, 101323.	0.6	2
108	Magnetic characteristics of RPd ₂ Si ₂ (R = Rare earth). AIP Advances, 2018, 8, 101425.	0.6	1

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109	Anomalous pressure effect on the Néel temperature and volume of DyB6. AIP Advances, 2018, 8, 101320.	0.6	0
110	Cu-substitution effects on the magnetic properties of weak itinerant electron ferromagnet CrAlGe. AIP Advances, 2018, 8, 101426.	0.6	1
111	Time and Magnetic Field Variations of Magnetic Structure in the Triangular Lattice Magnet $\text{Ca}_3\text{Co}_2\text{O}_6$. Journal of the Physical Society of Japan, 2018, 87, 114703.	0.7	7
112	Two distinct superconducting phases and pressure-induced crossover from type-II to type-I superconductivity in the spin-orbit-coupled superconductors BaB_3 and BaB_3Fe_3 . Physical Review B, 2018, 98, 020407.	1.1	5
113	Quasi-First Order Magnetic Transition in $\text{Mn}_{1-x}\text{TM}_x\text{AlGe}$ (TM = V, Fe, Cu) with Cu_2Sb -type structure. Materials Transactions, 2018, 59, 348-352.	0.6	2
114	Metal-insulator transition in Mott-insulator FePS_3 . AIP Advances, 2018, 8, .	0.6	18
115	Magnetic and Structural Properties of MnCoGe with Minimal Fe and Sn Substitution. Materials Transactions, 2018, 59, 1645-1650.	0.4	9
116	Magnetic properties of $\text{Mn}_{1-x}\text{TM}_x\text{AlGe}$ (TM = V, Fe, Cu) with Cu_2Sb -type structure. AIP Advances, 2018, 8, .	0.6	0
117	Structural, Magnetic, and Transport Properties of Novel Quaternary Compounds $\text{Ru}_2\text{Sn}_2\text{Zn}_{18}$ ($R = \text{La, Pr, and Nd}$). Journal of the Physical Society of Japan, 2018, 87, 094706.	0.7	6
118	Pressure-induced phase transitions and superconductivity in a black phosphorus single crystal. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9935-9940.	3.3	47
119	Evolution of Magnetic Double Helix and Quantum Criticality near a Dome of Superconductivity in CrAs. Physical Review X, 2018, 8, .	2.8	20
120	Development and application of 2.5â€‘GPaâ€‘25â€‘T high-pressure high-field electron spin resonance system using a cryogen-free superconducting magnet. Journal of Magnetic Resonance, 2018, 296, 1-4.	1.2	12
121	Universal phase diagram of superconductivity and charge density wave versus high hydrostatic pressure in pure and Se-doped $1\text{Tâ}^{\sim}\text{TaS}_2$. Physical Review B, 2018, 97, .	1.1	21
122	Effects of Magnetic Field and Pressure on the Valence-Fluctuating Antiferromagnetic Compound EuPt_2Si_2 . Journal of the Physical Society of Japan, 2018, 87, 074709.	0.7	15
123	Pressure-induced quantum phase transition in the quantum antiferromagnet CsFeCl_3 . Physical Review B, 2018, 97, .	1.1	3
124	Effect of chemical and hydrostatic pressure on the cubic pyrochlore $\text{Cd}_2\text{Ru}_2\text{O}_7$. Physical Review B, 2018, 98, .	1.1	5
125	Electronic States in $\text{EuCu}_2(\text{Ge}_{1-x}\text{Si}_x)_2$ Based on the Doniach Phase Diagram. Journal of the Physical Society of Japan, 2018, 87, 064706.	0.7	22
126	Pressure-induced coherent sliding-layer transition in the excitonic insulator Ta_2NiSe_5 . IUCrJ, 2018, 5, 158-165.	1.0	37

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127	Unique Electronic States in Non-centrosymmetric Cubic Compounds. Journal of Electronic Materials, 2017, 46, 3572-3584.	1.0	27
128	Pressure-Induced Metallization in Iron-Based Ladder Compounds $Ba_{1-x}Cs_xFe_2Se_3$. Journal of the Physical Society of Japan, 2017, 86, 024701.	0.7	11
129	Unique Pressure versus Temperature Phase Diagram for Antiferromagnets $Eu_2Ni_3Ge_5$ and $EuRhSi_3$. Journal of the Physical Society of Japan, 2017, 86, 034708.	0.7	14
130	Effect of Pressure on Magnetism of $UlrGe$. Journal of the Physical Society of Japan, 2017, 86, 044709.	0.7	10
131	Two-carrier analyses of the transport properties of black phosphorus under pressure. Physical Review B, 2017, 95, .	1.1	28
132	Thermal Transformation Arrest Phenomena in $Mn_{2-x}Sb_{0.9-x}Sn_{0.1-x}$. IEEE Magnetics Letters, 2017, 8, 1-4.	0.6	2
133	Maximizing T_c by tuning nematicity and magnetism in $FeSe_{1-x}S_x$ superconductors. Nature Communications, 2017, 8, 1143.	5.8	88
134	Synchrotron X-ray Diffraction and High-Pressure Electrical Resistivity Studies for High- T_c Candidate $Nd_{3.5-x}Sm_{0.5-x}Ni_3O_8$. Journal of the Physical Society of Japan, 2017, 86, 114605.	0.7	7
135	Pressure-induced bulk superconductivity in a layered transition-metal dichalcogenide $Ta_{1-x}Sb_xTaSe_2$. Physical Review B, 2017, 95, .	1.1	14
136	High- T_c Superconductivity in $FeSe$ at High Pressure: Dominant Hole Carriers and Enhanced Spin Fluctuations. Physical Review Letters, 2017, 118, 147004.	2.9	64
137	Pressure-induced bulk superconductivity in a layered transition-metal dichalcogenide $Ta_{1-x}Sb_xTaSe_2$. Physical Review B, 2017, 95, .	1.1	14
138	Divalent, trivalent, and heavy fermion states in Eu compounds. Philosophical Magazine, 2017, 97, 3399-3414.	0.7	36
139	Weak Ferromagnetic Response of d Electrons and Antiferromagnetic Response of f Electrons in $TPP[Mn(Pc)(CN)_2]$ in Torque Magnetometry Experiments. Journal of the Physical Society of Japan, 2017, 86, 114709.	0.7	0
140	Electride and superconductivity behaviors in Mn_5Si_3 -type intermetallics. Npj Quantum Materials, 2017, 2, .	1.8	47
141	Magnetic properties of $Mn_{1.9}Cu_{0.1}Sb$ under high pressure. AIP Conference Proceedings, 2016, , .	0.3	5
142	Magnetic and Structural Properties of $Mn_{1.9}Fe_{0.1}Sb_{0.9}Sn_{0.1}$ Under Magnetic Fields. , 2016, , .		0
143	Magnetic Properties of $MnCo_{1-x}Fe_xGe$ ($0 \leq x \leq 0.12$). , 2016, , .		0
144	Magnetic and Structural Properties of Metamagnetic $MnCo_{0.92}Fe_{0.08}Ge$ Compound. Materials Transactions, 2016, 57, 316-320.	0.4	10

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145	Origin of superconductivity with the structural transition in $\text{M}_3\text{O}_3\text{S}_2$	1.1	7
146	Iron arsenides with three-dimensional FeAs layer networks: $\text{Ca}_{n+1/2}(\text{Fe}_{1-x}\text{Pt}_x)_{2+3n}\text{Pt}_n(\text{n}\sim 1)/2\text{As}_{n+1}(\text{n}+2)/2$ ($\text{n}\in\{2, 3\}$). Scientific Reports, 2016, 6, 39280.	1.6	0
147	Magnetic and Fermi Surface Properties of Ferromagnets EuPd_2 and EuPt_2 . Journal of the Physical Society of Japan, 2016, 85, 084705.	0.7	7
148	Magnetic Precursor of the Pressure-Induced Superconductivity in Fe-Ladder Compounds. Physical Review Letters, 2016, 117, 047003.	2.9	39
149	Conducting Behavior and Valence Ordering of a One-Dimensional MMX -Type Coordination Polymer under High Pressure. European Journal of Inorganic Chemistry, 2016, 2016, 4402-4407.	1.0	7
150	Pressure dependence of the magnetic ground states in MnP . Physical Review B, 2016, 93, .	1.1	36
151	Superconducting and Fermi Surface Properties of Single Crystal Zr_2Co . Journal of the Physical Society of Japan, 2016, 85, 034706.	0.7	9
152	Anomalous bulk modulus in vanadate spinels. Physical Review B, 2016, 94, .	1.1	9
153	Slater Insulator in Iridate Perovskites with Strong Spin-Orbit Coupling. Physical Review Letters, 2016, 117, 176603.	2.9	36
154	Dome-shaped magnetic order competing with high-temperature superconductivity at high pressures in FeSe . Nature Communications, 2016, 7, 12146.	5.8	210
155	Kondo Effect in CeXc ($\text{Xc} = \text{S}, \text{Se}, \text{Te}$) Studied by Electrical Resistivity Measurements under High Pressure. Journal of the Physical Society of Japan, 2016, 85, 034704.	0.7	7
156	Pressure-Induced Superconductivity in Strongly Correlated Systems under High Quality Pressure Condition. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2016, 26, 8-13.	0.1	0
157	Origin of superconductivity in the collapsed tetragonal phase of KFe_2As_2	1.1	12
158	Long-range magnetic order in the Heisenberg pyrochlore antiferromagnets Gd_2O_3	1.1	23
159	Pressure-induced magnetic transition exceeding 30 K in the Yb-based heavy-fermion $\hat{2}\text{YbAlB}_4$. Physical Review B, 2016, 94, .	1.1	6
160	Electrical Transport in the Quasi-Two-Dimensional Ionic Mott Insulator $\text{M}_2\text{P-TCNQF}_4$ under High Pressures. Journal of the Physical Society of Japan, 2015, 84, 104702.	0.7	0
161	Transport and Magnetic Properties of EuAl_4 and EuGa_4 . Journal of the Physical Society of Japan, 2015, 84, 124711.	0.7	37
162	Ferromagnetic superexchange in insulating $\text{Cr}_2\text{Mo}_6\text{O}_{26}$ by controlling orbital hybridization. Physical Review B, 2015, 92, .	1.1	14

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163	Temperature and composition phase diagram in the iron-based ladder compounds $\text{Ba}_{1-x}\text{Mg}_x\text{Fe}_2\text{As}_2$. Physical Review B, 2015, 91, .		17
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