

Masashi Tokunaga

List of Publications by Year in descending order

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281
papers

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citations

94381

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289
all docs

289
docs citations

289
times ranked

6324
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconductivity protected by spin-valley locking in ion-gated MoS ₂ . Nature Physics, 2016, 12, 144-149.	6.5	419
2	High-magnetic-field study of the phase transitions of R _{1-x} CaxMnO ₃ (R=Pr, Nd). Physical Review B, 1998, 57, 5259-5264.	1.1	310
3	Detection of Berry's Phase in a Bulk Rashba Semiconductor. Science, 2013, 342, 1490-1493.	6.0	244
4	Ferroelectricity in a one-dimensional organic quantum magnet. Nature Physics, 2010, 6, 169-172.	6.5	203
5	Magnetic phase diagram of the spin-Peierls cuprate CuGeO ₃ . Physical Review B, 1993, 48, 9616-9619.	1.1	197
6	Quantum Hall effect in a bulk antiferromagnet EuMnBi ₂ with magnetically confined two-dimensional Dirac fermions. Science Advances, 2016, 2, e1501117.	4.7	171
7	Versatile helimagnetic phases under magnetic fields in cubic perovskite SrFeO_3 . Physical Review B, 2011, 84, .	1.1	132
8	Quantum Hall states observed in thin films of Dirac semimetal Cd ₃ As ₂ . Nature Communications, 2017, 8, 2274.	5.8	130
9	Direct measurements of inverse magnetocaloric effects in metamagnetic shape-memory alloy NiCoMnIn. Physical Review B, 2014, 90, .	1.1	129
10	Topological transitions among skyrmion- and hedgehog-lattice states in cubic chiral magnets. Nature Communications, 2019, 10, 1059.	5.8	112
11	Electrical transport and anisotropic superconducting properties in single crystalline and dense polycrystalline MgB ₂ . Physical Review B, 2001, 64, .	1.1	99
12	Imaging of Percolative Conduction Paths and Their Breakdown in Phase-Separated (La _{1-y} Pr _y) _{0.7} Ca _{0.3} MnO ₃ with y=0.7. Physical Review Letters, 2004, 93, 037203.	2.9	98
13	Magnetic control of transverse electric polarization in BiFeO ₃ . Nature Communications, 2015, 6, 5878.	5.8	94
14	High-Field Study of Strong Magnetoelectric Coupling in Single-Domain Crystals of BiFeO ₃ . Journal of the Physical Society of Japan, 2010, 79, 064713.	0.7	92
15	Magneto-optical observations of crossing-lattice state in Bi ₂ Sr ₂ CaCu ₂ O _{8+y} . Physical Review B, 2002, 65, .	1.1	81
16	Disordered Ground State and Magnetic Field-Induced Long-Range Order in an Honeycomb Lattice Compound Bi_3Mn_2 . Physical Review Letters, 2010, 105, 187201.	2.9	81
17	Metamagnetic Transition in Heavy Fermion Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2019, 88, 063706.	0.7	80
18	Magnetization Steps on a Kagome Lattice in Volborthite. Journal of the Physical Society of Japan, 2009, 78, 043704.	0.7	76

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19	Location of the ATPase site of myosin determined by three-dimensional electron microscopy. Nature, 1987, 329, 635-638.	13.7	74
20	One-Third Magnetization Plateau with a Preceding Novel Phase in Volborthite. Physical Review Letters, 2015, 114, 227202.	2.9	65
21	Discovery of a spin-singlet ground state with an energy gap in $\text{CaCuGe}_2\text{O}_6$. Physical Review B, 1995, 52, 3533-3539.	1.1	64
22	Kinetic Arrest of Martensitic Transformation in NiCoMnAl Metamagnetic Shape Memory Alloy. Materials Transactions, 2010, 51, 1357-1360.	0.4	56
23	Successive phase transitions and phase diagrams for the quasi-two-dimensional easy-axis triangular antiferromagnet $\text{Rb}_4\text{Mn}(\text{MoO}_4)_3$. Europhysics Letters, 2011, 94, 17001.	0.7	56
24	Magnetization plateaus of the spin- $\frac{1}{2}$ antiferromagnets volborthite and vesignieite. Physical Review B, 2011, 83, .	0.7	56
25	Observation of Poiseuille flow of phonons in black phosphorus. Science Advances, 2018, 4, eaat3374.	4.7	51
26	Dzyaloshinskii-Moriya interaction and spin reorientation transition in the frustrated kagome lattice antiferromagnet. Physical Review B, 2011, 83, .	1.1	50
27	Adiabatic measurements of magneto-caloric effects in pulsed high magnetic fields up to 55 T. Review of Scientific Instruments, 2013, 84, 074901.	0.6	50
28	Precise Magnetization Measurements by Parallel Self-Compensated Induction Coils in a Vertical Single-Turn Coil up to 103 T. Journal of the Physical Society of Japan, 2012, 81, 014702.	0.7	46
29	Large Enhancement of Thermoelectric Efficiency Due to a Pressure-Induced Lifshitz Transition in SnSe. Physical Review Letters, 2019, 122, 226601.	2.9	46
30	Current Oscillation and Low-Field Colossal Magnetoresistance Effect in Phase-Separated Manganites. Physical Review Letters, 2005, 94, 157203.	2.9	44
31	Visualization of vortex chains in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ by magneto-optical imaging. Physical Review B, 2002, 66, .	1.1	42
32	A series of magnon crystals appearing under ultrahigh magnetic fields in a kagomé antiferromagnet. Nature Communications, 2019, 10, 1229.	5.8	40
33	Giant anomalous Hall effect from spin-chirality scattering in a chiral magnet. Nature Communications, 2021, 12, 317.	5.8	40
34	Angular dependence of the upper critical field in CaAlSi single crystal: Deviation from the Ginzburg-Landau anisotropic mass model. Physical Review B, 2003, 68, .	1.1	39
35	Out-of-plane and in-plane anisotropy of upper critical field in MgB_2 . Physical Review B, 2003, 68, .	1.1	38
36	Two Types of Multistack Structures in MgB_2 -Type Superconductor CaAlSi . Journal of the Physical Society of Japan, 2006, 75, 043713.	0.7	38

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37	Giant Magnetoresistance Effect in the Metal-Insulator Transition of Pyrochlore Oxide $\text{Nd}_2\text{Ir}_2\text{O}_7$. Journal of the Physical Society of Japan, 2013, 82, 023706.	0.7	38
38	Quantized surface transport in topological Dirac semimetal films. Nature Communications, 2019, 10, 2564.	5.8	37
39	Large magneto-thermopower in MnGe with topological spin texture. Nature Communications, 2018, 9, 408.	5.8	36
40	Thermodynamic Investigation of Metamagnetism in Pulsed High Magnetic Fields on Heavy Fermion Superconductor UTe_2 . Journal of the Physical Society of Japan, 2019, 88, 083705.	0.7	35
41	Flux-pinning properties of single crystalline and dense polycrystalline MgB_2 . Physical Review B, 2003, 68, .	1.1	34
42	The Thermal Transformation Arrest Phenomenon in NiCoMnAl Heusler Alloys. Metals, 2013, 3, 298-311.	1.0	34
43	High-field magnetization and magnetoresistance of $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$. Physical Review B, 1999, 59, 11151-11154.	1.1	33
44	Angle-resolved magnetotransport studies in anisotropic MgB_2 single crystals. Physical Review B, 2002, 65, .	1.1	33
45	Possible Excitonic Phase of Graphite in the Quantum Limit State. Journal of the Physical Society of Japan, 2015, 84, 054709.	0.7	33
46	High magnetic field induced phases and half-magnetization plateau in the Kagome compound Ni_3V . Physical Review B, 2018, 98, 040401.	1.1	32
47	Direct observations of the vortex chain state in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ by Bitter decoration. Physical Review B, 2003, 67, .	1.1	30
48	Magnetic and Structural Properties of A-Site Ordered Chromium Spinel Sulfides: Alternating Antiferromagnetic and Ferromagnetic Interactions in the Breathing Pyrochlore Lattice. Journal of the Physical Society of Japan, 2018, 87, 034709.	0.7	30
49	Electrons in the Fermi Surface of the Heavy Fermion Superconductor YbAlB_4 . Physical Review Letters, 2009, 102, 216402.	2.9	29
50	Shubnikov-de Haas oscillations in the bulk Rashba semiconductor BiTeI . Physical Review B, 2013, 87, .	1.1	29
51	Multiferroic properties of an A-kermanite $\text{SrCoSi}_2\text{O}_7$. Physical Review B, 2018, 98, .	1.1	28
52	Two-carrier analyses of the transport properties of black phosphorus under pressure. Physical Review B, 2017, 95, .	1.1	28
53	Impact of antiferromagnetic order on Landau-level splitting of quasi-two-dimensional Dirac fermions in EuMnBi_2 . Physical Review B, 2018, 98, .	1.1	28
54	Spin Frustration from cis -Edge or -Corner Sharing Metal-Centered Octahedra. Journal of the American Chemical Society, 2013, 135, 19268-19274.	6.6	27

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55	A Complete Frequency-Field Chart for the Antiferromagnetic Resonance in MnF ₂ . Journal of Infrared, Millimeter and Terahertz Waves, 1999, 20, 617-622.	0.6	26
56	Magnetic control of electric polarization in the noncentrosymmetric compound (Cu,Ni)B ₂ O ₇ . Physical Review B, 2013, 87, .	1.1	26
57	Spin Structure Change in Co-Substituted BiFeO ₃ . Journal of the Physical Society of Japan, 2016, 85, 064704.	0.7	26
58	Giant Exchange Coupling Evidenced with a Magnetization Jump at 52 T for a Gadolinium-Nitroxide Chelate. Inorganic Chemistry, 2017, 56, 3310-3314.	1.9	26
59	High-field magnetization and magnetic phase diagram of V ₂ O ₇ . Physical Review B, 2017, 95, .	1.1	26
60	Bulk quantum Hall effect of spin-valley coupled Dirac fermions in the polar antiferromagnet BaMnSb ₂ . Physical Review B, 2020, 101, .	1.1	26
61	High-field and high-frequency ESR study of the Haldane state formed in the ferromagnetic and antiferromagnetic alternating Heisenberg chain system(CH ₃) ₂ CHNH ₃ CuCl ₃ . Physical Review B, 2001, 63, .	1.1	24
62	Novel Multiferroic State of Eu ₂ Y ₂ MnO ₇ at High Magnetic Fields. Physical Review Letters, 2009, 103, 187202.	2.9	24
63	Magnetic transitions under ultrahigh magnetic fields of up to 130 T in the breathing pyrochlore antiferromagnet LiInCr ₄ O ₈ . Physical Review B, 2017, 95, .	1.1	24
64	Development of high-speed polarizing imaging system for operation in high pulsed magnetic field. Review of Scientific Instruments, 2010, 81, 043701.	0.6	23
65	In situ optical microscopic observation of NiCoMnIn metamagnetic shape memory alloy under pulsed high magnetic field. Scripta Materialia, 2011, 65, 946-949.	2.6	23
66	Anomalous Quantum Transport Properties in Semimetallic Black Phosphorus. Journal of the Physical Society of Japan, 2015, 84, 073708.	0.7	23
67	Thermal, magnetic field- and stress-induced transformation in Heusler-type Co-Cr-Al-Si shape memory alloys. Scripta Materialia, 2018, 153, 35-39.	2.6	23
68	Two-component vortex phase diagram in Bi ₂ Sr ₂ CaCu ₂ O ₈ under tilted fields studied by a micro-Hall probe. Physical Review B, 2002, 66, .	1.1	22
69	Negative magnetoresistance suppressed through a topological phase transition in Cd _{1-x} Te thin films. Physical Review B, 2018, 97, .	1.1	21
70	Magneto-optical characterizations of inhomogeneities in Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals grown by floating-zone method. Physical Review B, 2003, 67, .	1.1	21
71	Studies on multiferroic materials in high magnetic fields. Frontiers of Physics, 2012, 7, 386-398.	2.4	21
72	Magnetoelectric Behavior from S ₂ Asymmetric Square Cupolas. Physical Review Letters, 2017, 118, 107601.	2.9	21

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73	Devil's staircase transition of the electronic structures in CeSb. Nature Communications, 2020, 11, 2888.	5.8	21
74	High-pressure synthesis and characterization of superconducting boron-doped diamond. Science and Technology of Advanced Materials, 2006, 7, S2-S6.	2.8	20
75	High-Mobility 2D Hole Gas at a SrTiO ₃ Interface. Advanced Materials, 2020, 32, e1906003.	11.1	20
76	Coexistence of one- and three-dimensional excitations in a quasi-one-dimensional S=1 Heisenberg antiferromagnet. Physical Review B, 1999, 60, 9272-9274.	1.1	19
77	Magnetic field hysteresis under various sweeping rates for Ni-Co-Mn-In metamagnetic shape memory alloys. Applied Physics Letters, 2013, 103, 122406.	1.5	19
78	Anisotropic upper critical field of the BiS ₂ -based superconductor LaO _x F _{1-x} . Physical Review B, 1999, 59, 6021-6023.	1.1	19
79	Antiferromagnetic resonance in the cubic perovskite KNiF ₃ . Physical Review B, 1999, 59, 6021-6023.	1.1	18
80	High-field magnetization process in R _{1/2} Ca _{1/2} MnO ₃ (R=Sr and Y) up to 100 T. Physical Review B, 1999, 60, 6219-6222.	1.1	18
81	Magnetic structures and quadratic magnetoelectric effect in LiNiPO ₄ beyond 30 T. Physical Review B, 2020, 101, .	1.1	18
82	Search for spontaneous magnetization in Sr ₂ RuO ₄ . Physica C: Superconductivity and Its Applications, 2003, 388-389, 499-500.	0.6	17
83	Observation of single vortices by magneto-optical imaging. Physica C: Superconductivity and Its Applications, 2005, 426-431, 94-98.	0.6	17
84	Nonvolatile multivalued memory effects in electronic phase-change manganites controlled by Joule heating. Physical Review B, 2006, 74, .	1.1	17
85	Anisotropic superconductivity in Lu ₂ Fe ₃ Si ₅ . Physica C: Superconductivity and Its Applications, 2007, 460-462, 708-709.	0.6	17
86	Unusual magnetoelectric memory and polarization reversal in the kagome staircase compound N _x VO ₂ . Physical Review B, 2019, 100, .	1.1	17
87	Heat-pulse measurements of specific heat in 36 ms pulsed magnetic fields. Measurement Science and Technology, 2013, 24, 115005.	1.4	16
88	Direct coupling of ferromagnetic moment and ferroelectric polarization in BiFeO ₃ . Physical Review B, 2019, 100, .	1.1	16
89	The International MegaGauss Laboratory at ISSP, The University of Tokyo. Journal of Low Temperature Physics, 2010, 159, 381-388.	0.6	15
90	Magnetic field induced phenomena in UIrGe in fields applied along the b _c axis. Physical Review B, 2018, 98, .	1.1	15

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91	Capacitive detection of magnetostriction, dielectric constant, and magneto-caloric effects in pulsed magnetic fields. Review of Scientific Instruments, 2020, 91, 105103.	0.6	15
92	Enhancement and Discontinuity of Effective Mass through the First-Order Metamagnetic Transition in UTe_2 . Journal of the Physical Society of Japan, 2021, 90, 103702.	0.7	15
93	Magnetic-field-induced spin crossover of Y-doped $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. Physical Review B, 2016, 94, .	0.7	14
94	Magnetoelectric behavior from cluster multipoles in square cupolas: Study of $\text{Sr}_2\text{Cu}_2\text{O}_7$ in comparison with Ba and Pb isostr. Physical Review B, 2019, 99, .	1.1	14
95	High-field study of multiferroic BiFeO_3 . Journal of Physics: Conference Series, 2010, 200, 012206.	0.3	13
96	Optical imaging and magnetocaloric effect measurements in pulsed high magnetic fields and their application to Ni-Co-Mn Heusler alloy. Journal of Alloys and Compounds, 2013, 577, S722-S725.	2.8	13
97	Successive Magnetic Transitions of $\text{Ca}_2\text{CoSi}_2\text{O}_7$ in High Magnetic Fields. Journal of the Physical Society of Japan, 2014, 83, 093704.	0.7	13
98	Magnetic Field-Induced Reverse Martensitic Transformation and Thermal Transformation Arrest Phenomenon of $\text{Ni}_{41}\text{Co}_9\text{Mn}_{39}\text{Sb}_{11}$ Alloy. Metals, 2014, 4, 609-622.	1.0	13
99	Anisotropic Quantum Transport through a Single Spin Channel in the Magnetic Semiconductor EuTiO_3 . Advanced Materials, 2020, 32, e1908315.	11.1	13
100	Magnetic structural unit with convex geometry: A building block hosting an exchange-striction-driven magnetoelectric coupling. Physical Review Materials, 2018, 2, .	0.9	13
101	Josephson plasma resonance in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ with spatially dependent interlayer phase coherence. Physical Review B, 2004, 69, .	1.1	12
102	Comparative study of anisotropic superconductivity in CaAlSi and CaGaSi . Physica C: Superconductivity and Its Applications, 2005, 426-431, 208-212.	0.6	12
103	Magnetic domain structures and anisotropic in-plane transport in layered manganites. Physical Review B, 2005, 71, .	1.1	12
104	Stress- and Magnetic Field-Induced Martensitic Transformation at Cryogenic Temperatures in Fe-Mn-Al-Ni Shape Memory Alloys. Shape Memory and Superelasticity, 2017, 3, 467-475.	1.1	12
105	Quantitative evaluation of Dirac physics in PbTe . Physical Review B, 2018, 98, .	1.1	12
106	Anisotropic Fully Gapped Superconductivity Possibly Mediated by Charge Fluctuations in a Nondimeric Organic Complex. Physical Review Letters, 2020, 125, 177002.	2.9	12
107	Magnetotransport properties of tellurium under extreme conditions. Physical Review B, 2020, 101, .	1.1	12
108	Successive field-induced transitions in BiFeO_3 around room temperature. Physical Review Materials, 2017, 1, .	1.2	12

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109	Magnetic properties and CMR effect in layer type manganite under high magnetic fields. Journal of Physics Condensed Matter, 1998, 10, 11525-11529.	0.7	11
110	Magnetic properties and flux pinning in single crystalline and dense polycrystalline MgB ₂ . Physica C: Superconductivity and Its Applications, 2002, 378-381, 550-553.	0.6	11
111	High-Field Studies on Single Crystals of EuFe ₂ As ₂ . Journal of Low Temperature Physics, 2010, 159, 601-605.	0.6	11
112	Magnetic field induced polar phase in the chiral magnet CsCuCl_3 . Physical Review B, 2015, 92, .	0.7	11
113	Field Evolution of Quantum Critical and Heavy Fermi-Liquid Components in the Magnetization of the Mixed Valence Compound YbAlB_4 . Journal of the Physical Society of Japan, 2015, 84, 024710.	0.7	11
114	Quasi-two-dimensional Bose-Einstein condensation of spin triplets in the dimerized quantum magnet BaOCl . Physical Review B, 2016, 94, .	1.1	10
115	Bidirectional surface photovoltage on a topological insulator. Physical Review B, 2019, 100, .	1.1	11
116	Vortex correlations in the liquid states of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ with tilted columnar defects. Physical Review B, 2005, 72, .	1.1	10
117	Topochemical Crystal Transformation from a Distorted to a Nearly Perfect Kagome Cuprate. Chemistry of Materials, 2017, 29, 6719-6725.	3.2	10
118	Thermodynamic evidence of magnetic-field-induced complete valley polarization in bismuth. Scientific Reports, 2019, 9, 1672.	1.6	10
119	Extremely high upper critical field in BiCh ₂ -based (Ch: S and Se) layered superconductor $\text{LaO}_{0.5}\text{F}_{0.5}\text{BiS}_2\text{AxSex}$ ($x=0.22$ and 0.69). Scientific Reports, 2022, 12, 288.	1.6	10
120	Magnetovolume Effect on the First-Order Metamagnetic Transition in UTe_2 . Journal of the Physical Society of Japan, 2022, 91, .	0.7	10
121	Enhancement of giant magnetoelectric effect in Ni-doped $\text{CaBaCo}_4\text{O}_7$. Physical Review B, 2022, 105, .	1.1	10
122	Anisotropic vortex pinning in the layered intermetallic superconductor CaAlSi . Physical Review B, 2003, 68, .	1.1	9
123	Room temperature low-field colossal magnetoresistance in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$. Applied Physics Letters, 2006, 89, 172508.	1.5	9
124	Neutron Diffraction Study of Successive Magnetic Phase Transitions of Distorted-Triangular-Lattice Antiferromagnet RbFeBr_3 . Journal of the Physical Society of Japan, 2011, 80, 084711.	0.7	9
125	Thermal Transport and Magnetotransport Properties of $\text{CuCr}_{1-x}\text{Mg}_x\text{O}_2$ with a Spin-3/2 Antiferromagnetic Triangular Lattice. Journal of the Physical Society of Japan, 2013, 82, 014706.	0.7	9
126	Formation and Control of Twin Domains in the Pyrochlore Oxide $\text{Cd}_2\text{Re}_2\text{O}_7$. Journal of the Physical Society of Japan, 2018, 87, 104604.	0.7	9

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127	High-field ultrasonic study of quadrupole ordering and crystal symmetry breaking in CeRhIn_5 . Physical Review B, 2020, 101, .	11.1	9
128	Multipole polaron in the devil's staircase of CeSb. Nature Materials, 2022, 21, 410-415.	13.3	9
129	Single-ion magnon bound states in an antiferromagnet with strong uniaxial anisotropy. Physical Review B, 2000, 61, 11632-11636.	1.1	8
130	Magneto-optical imaging of vortex lattice melting transition in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$. Physica C: Superconductivity and Its Applications, 2001, 357-360, 568-571.	0.6	8
131	Control of pancake vortices by Josephson vortices in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$. Physica C: Superconductivity and Its Applications, 2003, 392-396, 311-314.	0.6	8
132	Phonon density of states in $\text{Sr}_2\text{FeCoO}_6$ and BaSrFeCoO_6 . Effects induced by magnetic order and transport coherence. Physical Review B, 2003, 68, .	1.1	8
133	Evaluation of crossing energy between pancake and Josephson vortices in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$. Physica C: Superconductivity and Its Applications, 2004, 412-414, 391-396.	0.6	8
134	Improvement of vortex imaging in magneto-optical technique and Bitter decoration. Physica C: Superconductivity and Its Applications, 2006, 437-438, 331-335.	0.6	8
135	Superconducting and normal state properties of heavily hole-doped diamond synthesized at high pressure. Science and Technology of Advanced Materials, 2006, 7, S7-S11.	2.8	8
136	Anisotropic magnetic field responses of ferroelectric polarization in the trigonal multiferroic CuFeO_2 . Physical Review B, 2010, 81, .	1.1	8
137	Optical Microscopic Study on NiCoMnAl Metamagnetic Shape Memory Alloy by <i>In Situ</i> Observation under a Pulsed High Magnetic Field. Materials Transactions, 2013, 54, 357-362.	0.4	8
138	Different metamagnetism between paramagnetic Ce and Yb isomorphs. Physical Review B, 2017, 96, .	1.1	8
139	Intriguing behavior of UCx . Physical Review B, 2018, 97, .	1.1	8
140	Geometrical Hall effect and momentum-space Berry curvature from spin-reversed band pairs. Physical Review B, 2021, 103, .	1.1	8
141	Enhancing Thermopower and Nernst Signal of High-Mobility Dirac Carriers by Fermi Level Tuning in the Layered Magnet EuMnBi_2 . Advanced Functional Materials, 2021, 31, 2102275.	7.8	8
142	Spin-orbit-derived giant magnetoresistance in a layered magnetic semiconductor AgCrSe_2 . Physical Review Materials, 2022, 6, .	1.1	7
143	Magnetic-field-induced collapse of charge ordering and its bandwidth dependence in $\text{R}_{1/2}\text{Ca}_{1/2}\text{MnO}_3$ (R=Pr, Nd and Sm). Physica B: Condensed Matter, 1998, 246-247, 491-494.	1.3	7
144	Local magnetization anomalies and inhomogeneous vortex penetration in the crossing-lattices state of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$. Physical Review B, 2005, 71, .	1.1	7

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145	ANISOTROPIC SUPERCONDUCTING PROPERTIES OF CaAlSi AND CaGaSi. International Journal of Modern Physics B, 2005, 19, 369-374.	1.0	7
146	Vortex pumps in the crossing lattices regime of highly anisotropic layered superconductors. Physica C: Superconductivity and Its Applications, 2006, 437-438, 52-56.	0.6	7
147	Field-Induced Magnetostructural Transitions in Antiferromagnetic $\text{Fe}_{1+y}\text{Te}_{1-x}\text{S}_x$. Journal of the Physical Society of Japan, 2012, 81, 063703.	0.7	7
148	Metamagnetic Transition and Its Related Magnetocapacitance Effect in Phthalocyanine-Molecular Conductor Exhibiting Giant Magnetoresistance. Journal of the Physical Society of Japan, 2013, 82, 094713.	0.7	7
149	Magnetic-field-induced transition for reentrant martensitic transformation in Co-Cr-Ga-Si shape memory alloys. Journal of Magnetism and Magnetic Materials, 2018, 466, 273-276.	1.0	7
150	Successive electric-polarization switches in the $S=1/2$ skew chain $\text{Co}_2\text{V}_2\text{O}_7$ induced by a high magnetic field. Physical Review B, 2019, 100, .	1.1	7
151	Tunable spin-valley coupling in layered polar Dirac metals. Communications Materials, 2021, 2, .	2.9	7
152	Anomalous Behavior of Localized Magnetic Moments in Itinerant Ferromagnets $\text{Ln}_{x_2}\text{Co}_{12}\text{P}_7$ ($\text{Ln} = \text{Y, Pr, Nd, Sm, Gd and Dy}$). Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2016, 63, 652-656.	0.1	7
153	Magnetoconduction in the Correlated Semiconductor FeSi in Ultrastrong Magnetic Fields up to a Semiconductor-to-Metal Transition. Physical Review Letters, 2021, 127, 156601.	2.9	7
154	Magnetization of pure and Zn-doped spin-Peierls cuprate CuGeO_3 in high magnetic field. Physica B: Condensed Matter, 1994, 201, 167-170.	1.3	6
155	de Haas-van Alphen Oscillations of $\text{LuNi}_2\text{B}_2\text{C}$ in Pulsed High Magnetic Fields. Journal of the Physical Society of Japan, 1995, 64, 1458-1461.	0.7	6
156	High-Field Magnetization of Distorted Triangular Lattice Antiferromagnet RbCoBr_3 . Journal of the Physical Society of Japan, 2010, 79, 084707.	0.7	6
157	High field studies on BiFeO_3 single crystals grown by the laser-diode heating floating zone method. Journal of Magnetism and Magnetic Materials, 2015, 383, 259-261.	1.0	6
158	Resistive memory effects in BiFeO_3 single crystals controlled by transverse electric fields. Applied Physics Letters, 2016, 108, .	1.5	6
159	Phase diagram of multiferroic KCu_3O_7 (KCu_3O_7) Physical Review B, 2017, 95, .	1.1	6
160	High-field phase diagram and phase transitions in hexagonal manganite ErMnO_3 . Physical Review B, 2018, 97, .	1.1	6
161	Difference in magnetic and ferroelectric properties between rhombohedral and hexagonal polytypes of AgFeO_2 : A single-crystal study. Physical Review B, 2019, 99, .	1.1	6
162	Strong magnetic anisotropy and unusual magnetic field reinforced phase in URhSn with a quasi-kagome structure. Physical Review B, 2020, 102, .	1.1	6

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163	Metamagnetic transitions and magnetoelectric responses in the chiral polar helimagnet $\text{NiO}_{1-x}\text{Mn}_x$. Physical Review B, 2020, 102, .	1.1	6
164	Ferroelectric polarization reversal in multiferroic MnWO_4 via a rotating magnetic field up to 52 T. Physical Review B, 2021, 104, .	1.1	1
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