

Masaaki Matsuda

List of Publications by Year in descending order

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322
papers

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46984

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperfine Splitting and Nuclear Spin Polarization in NdPd ₅ Al ₂ and Nd ₃ Pd ₂₀ Ge ₆ . Journal of the Physical Society of Japan, 2022, 91, .	0.7	1
2	Anisotropic spin-wave excitations in multiferroic BiFeO_3 . Physical Review B, 2022, 105, .		
3	Evidence for pressure induced unconventional quantum criticality in the coupled spin ladder antiferromagnet C9H18N2CuBr4. Nature Communications, 2022, 13, .	5.8	3
4	Pressure dependence of the magnetic ground state in CePtSi . Physical Review B, 2022, 105, .	1.1	1
5	Experimental study of the \hat{I}^p_1/\hat{I}^p_0 ratios of resonance states in Be8 for deducing the Be7(n,p)Li*7 reaction rate relevant to the cosmological lithium problem. Physical Review C, 2021, 103, .	1.1	2
6	Formation of short-range magnetic order and avoided ferromagnetic quantum criticality in pressurized LaCrGe . Physical Review B, 2021, 103, .	1.1	21
7	Nature of the ferromagnetic-antiferromagnetic transition in YQ_3 . Physical Review B, 2021, 103, .		
8	Spectra of Quasi-One-Dimensional Antiferromagnet BaCo_2 . Physical Review Letters, 2021, 127, 077201.	2.9	22
9	Complex magnetic phases in the polar tetragonal intermetallic NdCoGe_3 . Physical Review B, 2021, 103, .		
10	Noncollinear spin structure with weak ferromagnetism in NbMnP. Physical Review B, 2021, 104, .	1.1	3
11	Growth and characterization of large YQ_3 and VQ_3 . Physical Review Letters, 2021, 127, 077201.		

#	ARTICLE	IF	CITATIONS
19	<p>long-range magnetic order in centennialite</p> <p>Physical Review B, 2020, 101, .</p>	1.1	22
20	<p>Stability of multiferroic phase and magnetization-polarization coupling in</p> <p>Physical Review B, 2020, 101, .</p>	1.1	21
21	<p>Helimagnetic Structure and Heavy-Fermion-Like Behavior in the vicinity of the Quantum Critical Point</p> <p>Physical Review Letters, 2020, 124, 067202.</p>	1.1	20
22	<p>Anisotropic effect of a magnetic field on the neutron spin resonance in FeSe.</p> <p>Physical Review B, 2020, 101, .</p>	1.1	2
23	<p>Isotropic parallel antiferromagnetism in the magnetic field induced charge-ordered state of</p> <p>Physical Review B, 2020, 101, .</p>	1.1	1
24	<p>Magnetic field induced antiferromagnetic cone structure in multiferroic BiFeO3.</p> <p>Physical Review Materials, 2020, 4, .</p>	0.9	3
25	<p>A-type antiferromagnetic order in</p> <p>Physical Review B, 2020, 101, .</p>	0.9	77
26	<p>Partially disordered state with short-range spin correlation in</p> <p>Physical Review B, 2020, 101, .</p>	1.3	2
27	<p>Classical triangular antiferromagnet</p> <p>Physical Review B, 2020, 101, .</p>	2.9	9
28	<p>Appearance of a Td* phase across the Td-1T-2 phase boundary in the Weyl semimetal MoTe2.</p> <p>Physical Review B, 2019, 100, .</p>	1.1	14
29	<p>Magnetic ground state and magnetic excitations in black diopside</p> <p>Physical Review B, 2019, 100, .</p>	1.1	4
30	<p>Frustrated magnetic interactions in an S=3/2 bilayer honeycomb lattice compound Bi3Mn4O12 (NO3).</p> <p>Physical Review B, 2019, 100, .</p>	1.1	7
31	<p>Electronic band tuning under pressure in MoTe2 topological semimetal.</p> <p>Npj Quantum Materials, 2019, 4, .</p>	1.8	19
32	<p>Highly dispersive magnons with spin-gap-like features in the frustrated ferromagnetic compound</p> <p>Physical Review B, 2019, 100, .</p>	1.1	10
33	<p>Measurement of local temperature around the impact points of fast ions under grazing incidence.</p> <p>Nuclear Instruments & Methods in Physics Research B, 2019, 460, 34-37.</p>	0.6	0
34	<p>Coexistence of Ferromagnetic and Stripe-Type Antiferromagnetic Spin Fluctuations in</p> <p>Physical Review Letters, 2019, 122, 217003.</p>	2.9	6
35	<p>Development of cubic anvil type high pressure apparatus for neutron diffraction.</p> <p>Journal of Physics Condensed Matter, 2019, 31, 384001.</p>	0.7	5
36	<p>Large spin-orbit torque efficiency enhanced by magnetic structure of collinear antiferromagnet IrMn.</p> <p>Science Advances, 2019, 5, eaau6696.</p>	4.7	70

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37	Magnetization-polarization cross-control near room temperature in hexaferrite single crystals. Nature Communications, 2019, 10, 1247.	5.8	51
38	Coexistence of Ferromagnetic and Stripe Antiferromagnetic Spin Fluctuations in $\text{SrCo}_2\text{Mn}_2\text{O}_{10}$. Physical Review Letters, 2019, 122, 117204.	2.9	23
39	Anomalous magnetic behavior of $\text{BaCo}_2\text{Mn}_2\text{O}_{10}$ with isolated tetrahedra. Physical Review B, 2019, 99, .	1.1	8
40	Structural features associated with multiferroic behavior in the $\text{RX}_3(\text{BO})_3\text{X}_4$ system. Journal of Physics Condensed Matter, 2019, 31, 505704.	0.7	3
41	Unique Helical Magnetic Order and Field-Induced Phase in Trillium Lattice Antiferromagnet EuPtSi . Journal of the Physical Society of Japan, 2019, 88, 013702.	0.7	75
42	High-resolution phonon energy shift measurements with the inelastic neutron spin echo technique. Journal of Applied Crystallography, 2019, 52, 755-760.	1.9	6
43	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
44	Origin of the net magnetic moment in LaCoO_3 . Physical Review B, 2018, 97, .	1.1	18
45	Soft antiphase tilt of oxygen octahedra in the hybrid improper multiferroic $\text{Ca}_3\text{Mn}_2\text{O}_7$. Physical Review B, 2018, 97, .	1.1	27
46	Polarized neutron diffraction study in helical magnetic phases of MnP. Physica B: Condensed Matter, 2018, 551, 115-117.	1.3	1
47	Possible excitonic phase of $(\text{Pr}_{1-y}\text{Y})_1\text{Ca CoO}_3$ (R = Lanthanides and Y). Physica B: Condensed Matter, 2018, 551, 266-269.	1.3	0
48	Neutron scattering study of spin density wave and weak ferromagnetic orders in $\text{Ca}_3\text{Mn}_2\text{O}_7$. Physica B: Condensed Matter, 2018, 551, 108-110.	1.3	1
49	A new mathematical approach to finding global solutions of the magnetic structure determination problem. Scientific Reports, 2018, 8, 16228.	1.6	1
50	Inelastic neutron scattering study on the electronic transition in $(\text{Pr}_{1-y}\text{Y})_1\text{Ca}_x\text{CoO}_3$ single crystals. Physical Review B, 2018, 98, .	1.1	8
51	Localized $5f_2$ States in UPd_5Al_2 and Valence Crossover in the Vicinity of Heavy-Fermion Superconductivity. Journal of the Physical Society of Japan, 2018, 87, 114712.	0.7	4
52	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
53	Next-generation diamond cell and applications to single-crystal neutron diffraction. Review of Scientific Instruments, 2018, 89, 092902.	0.6	20
54	f-Electron States in PrPd_5Al_2 . Journal of the Physical Society of Japan, 2018, 87, 094704.	0.7	7

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55	Evolution of Magnetic Double Helix and Quantum Criticality near a Dome of Superconductivity in CrAs. <i>Physical Review X</i> , 2018, 8, .	2.8	20
56	Comment on "Oxygen vacancy-induced magnetic moment in edge-sharing CuO_2 chains of Li_2CuO_2 ". <i>New Journal of Physics</i> , 2018, 20, 058001.	1.2	8
57	Polarized neutron scattering study of the multiple order parameter system NdB_4C_2 . <i>Physical Review B</i> , 2018, 97, .		
58	Dual Nature of Magnetism in a Uranium Heavy-Fermion System. <i>Physical Review Letters</i> , 2018, 121, 057201.	2.9	13
59	New capabilities in high-resolution neutron Larmor diffraction at ORNL. <i>Journal of Applied Crystallography</i> , 2018, 51, 584-590.	1.9	7
60	The nature of spin excitations in the one-third magnetization plateau phase of $\text{Ba}_3\text{CoSb}_2\text{O}_9$. <i>Nature Communications</i> , 2018, 9, 2666.	5.8	62
61	Coexistence of superconductivity and short-range double-stripe spin correlations in Te-vapor annealed $\text{FeTe}_{1-x}\text{S}_x$ ($x \approx 0.2$). <i>Physical Review B</i> , 2018, 97, .	1.1	8
62	Pressure Dependence of the Magnetic Structures in the Pressure-induced Superconductor MnP. <i>Hamon</i> , 2018, 28, 127-130.	0.0	0
63	Detection of In segregation in InGaN by using Eu as a probe. <i>Journal of Crystal Growth</i> , 2017, 468, 831-834.	0.7	2
64	Spin glass behavior in frustrated quantum spin system CuAl_2O_4 with a possible orbital liquid state. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 13LT01.	0.7	27
65	Neutron Powder Diffraction Study on the Magnetic Structure of NdPd_5Al_2 . <i>Journal of the Physical Society of Japan</i> , 2017, 86, 034710.	0.7	12
66	Itinerant Antiferromagnetism in RuO_2 . <i>Physical Review Letters</i> , 2017, 118, 077201.	2.9	80
67	Long-Time Variation of Magnetic Structure in $\text{Pr}_x\text{La}_{1-x}\text{Co}_2\text{Si}_2$: Coexistence of Slow and Fast Processes in Magnetic Phase Transition. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 044707.	0.7	0
68	Long-Time Variation in Magnetic Structure of $\text{Ce}_x\text{Rh}_{1-x}\text{Si}_3\text{Si}_2$: A New Interpretation of Time Variation. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 034701.	0.7	2
69	S_{RuO_4} . <i>Physical Review B</i> , 2017, 95, .	1.1	4
70	Wide-angle diamond cell for neutron scattering. <i>High Pressure Research</i> , 2017, 37, 495-506.	0.4	20
71	Suppression of the antiferromagnetic order when approaching the superconducting state in a phase-separated crystal of $\text{KxFe}_2\text{ySe}_2$. <i>Physical Review B</i> , 2017, 96, .	1.1	2
72	Magnetic structure and dispersion relation of the quasi-one-dimensional Ising-like antiferromagnet BaCo_2V_2 . <i>Physical Review B</i> , 2017, 96, .	1.1	14

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73	High resolution neutron Larmor diffraction using superconducting magnetic Wollaston prisms. Scientific Reports, 2017, 7, 865.	1.6	14
74	Magnetic Frustration Driven by Itinerancy in Spinel CoV ₂ O ₄ . Scientific Reports, 2017, 7, 17129.	1.6	24
75	Successive field-induced transitions in BiFeO_3 around room temperature. Physical Review Materials, 2017, 1, .		
76	Magnetic structures and excitations in a multiferroic Y-type hexaferrite $\text{BaSrCo}_2\text{O}_{10}$. Physical Review B, 2016, 94, .		
77	Forbidden phonon: Dynamical signature of bond symmetry breaking in the iron chalcogenides. Physical Review B, 2016, 94, .	1.1	8
78	Spin-lattice coupling mediated multiferroicity in D_2O . Physical Review B, 2016, 94, .	1.1	15
79	Long-Time Variation in Magnetic Structure of CeIr_3Si_2 : Observation of a Nucleation-and-Growth Process of Magnetic Domains. Journal of the Physical Society of Japan, 2016, 85, 034722.	0.7	4
80	Electromagnon excitation in the field-induced noncollinear ferrimagnetic phase of Ba_2O_{22} studied by polarized inelastic neutron scattering and terahertz time-domain optical spec. Physical Review B, 2016, 93, .	1.1	14
81	Ordered antiferromagnetic spin- $\frac{1}{2}$ in green diopside Cu_6 . Physical Review B, 2016, 93, .	1.1	10
82	Pressure dependence of the magnetic ground states in MnP. Physical Review B, 2016, 93, .	1.1	36
83	Electron doping evolution of the neutron spin resonance in NaFe_2O_7 . Physical Review B, 2016, 93, .		
84	Transition from Sign-Reversed to Sign-Preserved Cooper-Pairing Symmetry in Sulfur-Doped Iron Selenide Superconductors. Physical Review Letters, 2016, 116, 197004.	2.9	19
85	Magnetic Reversal of Electric Polarization with Fixed Chirality of Magnetic Structure in a Chiral-Lattice Helimagnet MnSbO_6 . Physical Review Letters, 2016, 117, 047201.	2.9	28
86	Orbital Glass State of the Nearly Metallic Spinel Cobalt Vanadate. Physical Review Letters, 2016, 116, 037201.	2.9	24
87	Static and Dynamical Properties of the Spin- $\frac{1}{2}$ Equilic Triangular-Lattice Antiferromagnet Ba_3O_{10} . Physical Review B, 2016, 93, .	2.9	99
88	Heavy-impurity resonance, hybridization, and phonon spectral functions in Ba_3O_{10} .		

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91	Evolution of competing magnetic order in the state of Magnetic excitations in an tetramer compound Physical Review B, 2015, 92, .	1.1	33
92	Structure symmetry determination and magnetic evolution in 92, .	1.1	5
93	Structural and magnetic phase transitions in Physical Review B, 2015, 92, .	1.1	42
94			

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109	two-leg ladder antiferromagnet C_9	1.1	17
110	Long-Time Variation in Magnetic Structure of $Ce_{0.98}La_{0.02}Ir_3Si_2$: Effect of Randomness on Time Variation. Journal of the Physical Society of Japan, 2014, 83, 024708.	0.7	4
111	Intertwining of Frustration with Magneto-Elastic Coupling in the Multiferroic $LuMnO_3$. Journal of the Physical Society of Japan, 2014, 83, 024601.	0.7	3
112	In situ RBS measurements for the effect of swift heavy ion irradiation on metal-insulator interfaces. Nuclear Instruments & Methods in Physics Research B, 2013, 314, 176-179.	0.6	5
113	Temperature-driven phase transformation in Y_3Co : Neutron scattering and first-principles studies. Physical Review B, 2013, 88, .	1.1	6
114	Competition Between Antiferromagnetism and Ferromagnetism in Sr_2RuO_4 Probed by Mn and Co Doping. Scientific Reports, 2013, 3, 2950.	1.6	39
115	Dynamic spin correlations in the frustrated cubic phase of $MnVO$	1.1	10
116	Effect of Electron Correlations on Magnetic Excitations in the Isovalently Doped Iron-Based Superconductor $BaFeMo$	1.1	10
117	Letter Energy-dependent crossover from anisotropic to isotropic magnetic dispersion in lightly doped $La_{1.96}Sr_{0.04}CuO_4$. Physical Review B, 2013, 87, . Enhanced low-energy magnetic excitations via suppression of the itinerancy in $FeCu$	1.1	8
118	z^2	1.1	14
119	Physic Signature splitting inversion and backbending in $80Rb$. Physical Review C, 2013, 87, .	1.1	4
120	Incommensurate dynamic correlations in the quasi-two-dimensional spin liquid $BiCuPO$	1.1	21
121	Si	1.1	15
122	Spin-Lattice Coupling and Novel Magnetic Properties in the Triangular Lattice Antiferromagnet Ag_2CrO_2 . Hamon, 2013, 23, 10-13.	0.0	0
123	$Ca_2Y_2Cu_5O_{10}$: The First Frustrated Quasi-1D Ferromagnet Close to Criticality. Physical Review Letters, 2012, 109, 117207.	2.9	26
124	Magnetic structure of $CuCrO_2$: a single crystal neutron diffraction study. Journal of Physics Condensed Matter, 2012, 24, 016004.	0.7	30
125	Substitution Effect on the Magnetic State of Delafossite $CuCrO_2$ Having a Spin-3/2 Antiferromagnetic Triangular Sublattice. Journal of Physics: Conference Series, 2012, 400, 032072.	0.3	1
126	Progress in Neutron Scattering Studies of Spin Excitations in High- T_c Cuprates. Journal of the Physical Society of Japan, 2012, 81, 011007.	0.7	186

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127	Identifying the spectroscopic modes of multiferroic BiFeO ₃ in a partially disordered state and spin-lattice coupling in an unknown new B, 2012, 86, .	1.1	28
128	Neutron scattering studies of the spin-5/2 antiferromagnetic linear trimer substance SrMn ₃ P ₄ O ₁₄ . Journal of Physics: Conference Series, 2012, 340, 012066.	1.1	21
129	Neutron scattering studies of the spin-5/2 antiferromagnetic linear trimer substance SrMn ₃ P ₄ O ₁₄ . Journal of Physics: Conference Series, 2012, 340, 012066.	0.3	1
130	Magnetic Dispersion and Anisotropy in Multiferroic BiFeO ₃ . Physical Review Letters, 2012, 109, 067205.	2.9	89
131	Temperature-Dependent Transformation of the Magnetic Excitation Spectrum on Approaching Superconductivity in Fe _{1+y} (Ni/Cu) _x Te _{0.5} Se _{0.5} . Physical Review Letters, 2012, 109, 227002.	2.9	20
132	Hybridization of magnetic excitations between quasi-one-dimensional spin chains and spin dimers in Cu ₃ Mo ₂ O ₉ observed using inelastic neutron scattering. Physical Review B, 2011, 83, .	1.1	21
133	Crystal Field Level Diagrams at the Pr Sites (8c) and (4a) in the Clathrate Compound Pr ₃ Pd ₂₀ Si ₆ . Journal of the Physical Society of Japan, 2011, 80, 044715.	0.7	3
134	Synchrotron X-ray Study of Lattice Vibrations in CdCr ₂ O ₄ . Journal of the Physical Society of Japan, 2011, 80, 073603.	0.7	5
135	Molecular spin-liquid state in the spin-32 frustrated spinel HgCr ₂ O ₄ . Physical Review B, 2011, 84, .	1.1	13
136	Magnetic excitations in the geometric frustrated multiferroic CuCrO ₂ . Physical Review B, 2011, 84, .	1.1	50
137	Magnetic excitations in the spin-2 antiferromagnetic trimer substance SrMn ₃ P ₄ O ₁₄ . Physical Review B, 2011, 84, .	1.1	5
138	Magnetic excitations in the spin-5/2 antiferromagnetic trimer substance SrMn ₃ P ₄ O ₁₄ . Physical Review B, 2011, 84, .	1.1	10
139	Neutron Laue Diffraction Study on the Magnetic Phase Diagram of Multiferroic MnWO ₄ under Pulsed High Magnetic Fields. Physical Review Letters, 2011, 106, 237202.	1.1	69
140	SHAPE EVOLUTION IN HEAVIEST STABLE EVEN-EVEN MOLYBDENUM ISOTOPES STUDIED VIA COULOMB EXCITATION. International Journal of Modern Physics E, 2011, 20, 443-450.	2.9	49
141	SHAPE EVOLUTION IN HEAVIEST STABLE EVEN-EVEN MOLYBDENUM ISOTOPES STUDIED VIA COULOMB EXCITATION. International Journal of Modern Physics E, 2011, 20, 443-450.	0.4	8
142	Frustrated S=3/2 honeycomb antiferromagnet Bi ₃ Mn ₄ O ₁₂ (NO ₃). Journal of Physics: Conference Series, 2011, 320, 012005.	0.3	4
143	Magnetic-Field-Induced Transitions in Spinel GeCo ₂ O ₄ . Journal of the Physical Society of Japan, 2011, 80, 034708.	0.7	12
144	Effect of Spin Dilution on the Magnetic State of Delafossite CuCrO ₂ with an <i>S</i> = 3/2 Antiferromagnetic Triangular Sublattice. Journal of the Physical Society of Japan, 2011, 80, 014711.	0.7	24

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145	Exchange-striction associated with the elliptical proper helical magnetic structure in the ferroelectric phase of $\text{CuFe}_{1-x}\text{Ga}_x\text{O}_2$. Journal of Physics: Conference Series, 2010, 211, 012005.	0.3	2
146	Anisotropic spin freezing in lightly-doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physica C: Superconductivity and Its Applications, 2010, 470, S82-S83.	0.6	1
147	Degradation of Superconductivity and Spin Fluctuations by Electron Overdoping in $\text{LaFeAsO}_{1-x}\text{F}_x$. Journal of the Physical Society of Japan, 2010, 79, 074715.	0.7	52
148	In-beam γ -ray spectroscopy of $\text{Cf}^{248,250,252}$ by neutron-transfer reactions using a Cf target. Physical Review C, 2010, 81, .	1.1	16
149	Disordered Ground State and Magnetic Field-Induced Long-Range Order in an S_3 Honeycomb Lattice Compound Bi_3Mn_2 . Physical Review Letters, 2010, 105, 187201.	2.9	81
150	Triplon-spinon hybridization in $\text{Cu}_3\text{Mo}_2\text{O}_9$ observed using inelastic neutron scattering. Journal of Physics: Conference Series, 2010, 200, 022028.	0.3	8
151	Orbital order and partial electronic delocalization in a triangular magnetic metal Ag_2Mn_2 . Physical Review B, 2010, 81, .	1.1	28
152	Frustrated Magnetism and Cooperative Phase Transitions in Spinel. Journal of the Physical Society of Japan, 2010, 79, 011004.	0.7	141
153	Universal Magnetic Structure of the Half-Magnetization Phase in Cr-Based Spinel. Physical Review Letters, 2010, 104, 047201.	2.9	32
154	Comprehensive study on ferroelectricity induced by a proper-screw-type magnetic ordering in multiferroic CuFeO_2 : Nonmagnetic impurity effect on magnetic and ferroelectric order. Physical Review B, 2009, 79, .	1.1	68
155	Neutron Diffraction Study on the Multiple Magnetization Plateaus in TbB_4 under Pulsed High Magnetic Field. Physical Review Letters, 2009, 103, 077203.	2.9	37
156	A 3-quasiparticle isomer in neutron-rich ^{183}Ta . European Physical Journal A, 2009, 39, 263-266.	1.0	7
157	Dimensional Crossover of Low-Energy Magnetic Excitation for Delafossite Oxide $\text{Cu}_x\text{Ag}_x\text{CrO}_2$ with a Spin-3/2 Antiferromagnetic Triangular Sublattice. Journal of the Physical Society of Japan, 2009, 78, 013604.	0.7	28
158	Synthesis, Crystal Structure, and Magnetic Properties of $\text{Bi}_3\text{Mn}_4\text{O}_{12}(\text{NO}_3)_3$ Oxynitrate Comprising $S = 3/2$ Honeycomb Lattice. Journal of the American Chemical Society, 2009, 131, 8313-8317.	6.6	133
159	Observation of magnetic Bragg peaks in quasi-one-dimensional antiferromagnet $\text{Cu}_6\text{Ge}_6\text{O}_{18-x}\text{D}_2\text{O}$ ($x = 0, 6$). Journal of Physics: Conference Series, 2009, 150, 042051.	0.3	1
160	Ni-impurity effect in high- T_c cuprates studied by neutron scattering and XAFS spectroscopy. Journal of Physics and Chemistry of Solids, 2008, 69, 3136-3138.	1.9	2
161	Impurity effect on spin correlations in lightly doped. Journal of Physics and Chemistry of Solids, 2008, 69, 3181-3183.	1.9	2
162	Frustrated minority spins in GeNi_2O_4 . Europhysics Letters, 2008, 82, 37006.	0.7	21

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163	Low-Energy Spin Fluctuations in the Ground States of Electron-Doped $\text{Pr}_{1-x}\text{Ce}_x\text{FeAs}_2$ Superconductors. Physical Review Letters, 2008, 101, 107003.	2.9	38
164	Magnetic Dispersion of the Diagonal Incommensurate Phase in Lightly Doped $\text{La}_{1-x}\text{Ce}_x\text{FeAs}_2$. Physical Review Letters, 2008, 101, 197001.	2.9	51
165	Observation of high-jquasiparticle states in Cm^{249} by in-beam β -ray spectroscopy using heavy-ion transfer reactions. Physical Review C, 2008, 78, .	1.1	16
166	Neutron diffraction study of magnetic structure in DyCu under magnetic field. Journal of Applied Physics, 2008, 103, .	1.1	3
167	One-quasiparticle bands in neutron-rich ^{187}W . Physical Review C, 2008, 77, .	1.1	9
168	Spiral spin structures and origin of the magnetoelectric coupling in YMn_2S_8 . Physical Review B, 2008, 78, .	1.1	45
169	Longitudinal Spin Density Wave Order in a Quasi-1D Ising-like Quantum Antiferromagnet. Physical Review Letters, 2008, 101, 207201.	2.9	51
170	Neutron scattering studies of spin-1 \times 2 twofold-period (alternating) and threefold-period quantum antiferromagnetic chains. Journal of Applied Physics, 2008, 103, 07B711.	1.1	1
171	Cold-neutron disk-chopper spectrometer at J-PARC. Journal of Neutron Research, 2007, 15, 13-21.	0.4	21
172	Indirect magnetic interaction mediated by a spin dimer in $\text{Cu}_2\text{Fe}_2\text{Ge}_4\text{O}_{13}$. Physical Review B, 2007, 75, .	1.1	17
173	dependence of the shell gap: In-beam β -ray spectroscopy of neutron-rich Th^{236} and U^{242} nuclei and implication of spherical shell closure at $N=164$. Physical Review C, 2007, 76, .	1.1	17
174	Ground-state bands of neutron-rich Th^{236} and U^{242} nuclei and implication of spherical shell closure at $N=164$. Physical Review C, 2007, 76, .	1.1	17
175	Magnetic excitations from the singlet dimerized state in $\text{Na}_2\text{Co}_2(\text{C}_2\text{O}_4)_3(\text{H}_2\text{O})_2$. Physical Review B, 2007, 75, .	1.1	4
176	Spiral spin structure in the Heisenberg pyrochlore magnet CdCr_2O_4 . Physical Review B, 2007, 75, .	1.1	45
177	Crystal distortions in geometrically frustrated ACr_2O_4 ($A = \text{Zn}, \text{Cd}$). Journal of Physics Condensed Matter, 2007, 19, 145259.	0.7	38
178	Direct observation of the energy gap generating the plateau in the spin-1 \times 3 trimer magnet $\text{Ag}_3\text{Mg}_2\text{Sb}_2\text{S}_{12}$. Physical Review Letters, 2007, 99, 107201.	1.1	29
179	Crystal structure and magnetic structure of the spin-1 \times 2 trimer magnet $\text{Ag}_3\text{Mg}_2\text{Sb}_2\text{S}_{12}$. Physical Review Letters, 2007, 99, 107201.	1.1	4
180	Magnetic structure of a frustrated antiferromagnetic spinel studied by spherical neutron polarimetry. Physica B: Condensed Matter, 2007, 397, 7-10.	1.3	4

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181	Pulsed neutron-scattering study of an entire spin excitations in the electron-doped high-Tc superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 44-47.	0.6	1
182	Spin lattice instability to a fractional magnetization state in the spinel HgCr ₂ O ₄ . <i>Nature Physics</i> , 2007, 3, 397-400.	6.5	106
183	In-beam ¹³ γ-ray study of the neutron-rich nuclei ²⁴⁰ U, ²⁴⁶ Pu, and ²⁵⁰ Cm produced by the (18O, 16O) reaction. <i>Physics of Atomic Nuclei</i> , 2007, 70, 1457-1461.	0.1	11
184	Evidence for a K ^π = 1/2 ⁺ isomer in neutron-rich ¹⁸⁵ Ta. <i>European Physical Journal A</i> , 2007, 34, 1-4.	1.0	23
185	Tokai Radioactive Ion Accelerator Complex (TRIAC). <i>European Physical Journal: Special Topics</i> , 2007, 150, 259-262.	1.2	6
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