Je-Geun Park

List of Publications by Year
in descending order

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185 papers	16,875 citations	31976 53 h-index	14759 127 g-index
193 all docs	193 docs citations	193 times ranked	20113 citing authors

#	Article	IF	Citations
1	Ultra-large-scale syntheses of monodisperse nanocrystals. Nature Materials, 2004, 3, 891-895.	27.5	3,713
2	Magnetism in two-dimensional van der Waals materials. Nature, 2018, 563, 47-52.	27.8	994
3	Large-Scale Synthesis of Uniform and Extremely Small-Sized Iron Oxide Nanoparticles for High-Resolution T₁ Magnetic Resonance Imaging Contrast Agents. Journal of the American Chemical Society, 2011, 133, 12624-12631.	13.7	835
4	Magnetic Fluorescent Delivery Vehicle Using Uniform Mesoporous Silica Spheres Embedded with Monodisperse Magnetic and Semiconductor Nanocrystals. Journal of the American Chemical Society, 2006, 128, 688-689.	13.7	834
5	Ising-Type Magnetic Ordering in Atomically Thin FePS₃. Nano Letters, 2016, 16, 7433-7438.	9.1	690
6	One-Nanometer-Scale Size-Controlled Synthesis of Monodisperse Magnetic Iron Oxide Nanoparticles. Angewandte Chemie - International Edition, 2005, 44, 2872-2877.	13.8	571
7	Monodisperse Nanoparticles of Ni and NiO: Synthesis, Characterization, Self-Assembled Superlattices, and Catalytic Applications in the Suzuki Coupling Reaction. Advanced Materials, 2005, 17, 429-434.	21.0	550
8	Kinetics of Monodisperse Iron Oxide Nanocrystal Formation by â€œHeating-Upâ€•Process. Journal of the American Chemical Society, 2007, 129, 12571-12584.	13.7	407
9	Large-Scale Synthesis of Uniform and Crystalline Magnetite Nanoparticles Using Reverse Micelles as Nanoreactors under Reflux Conditions. Advanced Functional Materials, 2005, 15, 503-509.	14.9	393
10	Giant magneto-elastic coupling in multiferroic hexagonal manganites. Nature, 2008, 451, 805-808.	27.8	356
11	Simple Synthesis of Functionalized Superparamagnetic Magnetite/Silica Core/Shell Nanoparticles and their Application as Magnetically Separable Highâ€Performance Biocatalysts. Small, 2008, 4, 143-152.	10.0	351
12	Generalized Synthesis of Metal Phosphide Nanorods via Thermal Decomposition of Continuously Delivered Metalâ^'Phosphine Complexes Using a Syringe Pump. Journal of the American Chemical Society, 2005, 127, 8433-8440.	13.7	282
13	Suppression of magnetic ordering in XXZ-type antiferromagnetic monolayer NiPS3. Nature Communications, 2019, 10, 345.	12.8	255
14	Exfoliation and Raman Spectroscopic Fingerprint of Few-Layer NiPS3 Van der Waals Crystals. Scientific Reports, 2016, 6, 20904.	3.3	222
15	Synthesis, Characterization, and Self-Assembly of Pencil-Shaped CoO Nanorods. Journal of the American Chemical Society, 2006, 128, 9753-9760.	13.7	201
16	Synthesis of Hollow Iron Nanoframes. Journal of the American Chemical Society, 2007, 129, 5812-5813.	13.7	182
17	Emergence of a Metalâ€“Insulator Transition and High-Temperature Charge-Density Waves in VSe₂ at the Monolayer Limit. Nano Letters, 2018, 18, 5432-5438.	9.1	170
18	Thermal Conductivity of Geometrically Frustrated, FerroelectricYMnO3: Extraordinary Spin-Phonon Interactions. Physical Review Letters, 2004, 93, 177202.	7.8	148

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19	Preparation of a Magnetically Switchable Bio-electrocatalytic System Employing Cross-linked Enzyme Aggregates in Magnetic Mesocellular Carbon Foam. Angewandte Chemie - International Edition, 2005, 44, 7427-7432.	13.8	137
20	Magnetoelectric effects of nanoparticulate Pb(Zr0.52Ti0.48)O3â€“NiFe2O4 composite films. Applied Physics Letters, 2006, 89, 102907.	3.3	137
21	Coherent many-body exciton in van der Waals antiferromagnet NiPS3. Nature, 2020, 583, 785-789.	27.8	134
22	Synthesis, Characterization, and Magnetic Properties of Uniform-sized MnO Nanospheres and Nanorods. Journal of Physical Chemistry B, 2004, 108, 13594-13598.	2.6	126
23	Opportunities and challenges of 2D magnetic van der Waals materials: magnetic graphene?. Journal of Physics Condensed Matter, 2016, 28, 301001.	1.8	123
24	Magnetic ordering and spin-liquid state ofYMnO3. Physical Review B, 2003, 68, .	3.2	120
25	Charge-Spin Correlation in van der Waals Antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>NiPS</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> Physical Review Letters, 2018, 120, 136402.	7.8	120
26	Antiferromagnetic ordering in van der Waals 2D magnetic material MnPS ₃ probed by Raman spectroscopy. 2D Materials, 2019, 6, 041001.	4.4	120
27	Direct observation of a coupling between spin, lattice and electric dipole moment in multiferroicYMnO3. Physical Review B, 2005, 71, .	3.2	114
28	Direct Synthesis of Highly Crystalline and Monodisperse Manganese Ferrite Nanocrystals. Journal of Physical Chemistry B, 2004, 108, 13932-13935.	2.6	113
29	Simple synthesis of mesoporous carbon with magnetic nanoparticles embedded in carbon rods. Carbon, 2005, 43, 2536-2543.	10.3	109
30	Spin gap in Tl2Ru2O7 and the possible formation of Haldane chains in three-dimensional crystals. Nature Materials, 2006, 5, 471-476.	27.5	109
31	Bulk properties of the van der Waals hard ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>VI</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2019, 99, .	3.2	98
32	Size Dependence of Metalâ€“Insulator Transition in Stoichiometric Fe₃O₄ Nanocrystals. Nano Letters, 2015, 15, 4337-4342.	9.1	92
33	Structure and spin dynamics of multiferroic BiFeO₃. Journal of Physics Condensed Matter, 2014, 26, 433202.	1.8	89
34	Spin Wave Measurements over the Full Brillouin Zone of Multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BiFeO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 108, 077202.	7.8	87
35	Novel features in the relaxation times of Mn12Ac. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 379-380.	2.3	85
36	Linear Magnetoelectric Phase in Ultrathin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow><mml:mi>MnPS</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:math> Probed by Optical Second Harmonic Generation. Physical Review Letters, 2020, 124, 027601.	7.8	80

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37	Weyl fermions and spin dynamics of metallic ferromagnet SrRuO3. Nature Communications, 2016, 7, 11788.	12.8	79
38	Cyanide-Bridged Fe^{III}â˜’Mn^{III} Bimetallic Complexes with Dimeric and Chain Structures Constructed from a Newly Made mer-Fe Tricyanide: Structures and Magnetic Properties. Inorganic Chemistry, 2009, 48, 2956-2966.	4.0	67
39	Magnetically Separable Microporous Feâ€“Porphyrin Networks for Catalytic Carbene Insertion into Nâ€“H Bonds. ACS Catalysis, 2015, 5, 350-355.	11.2	67
40	Doping effects of hexagonal manganitesEr1â˜’xYxMnO3with triangular spin structure. Physical Review B, 2005, 72, .	3.2	65
41	Doping dependence of spin-lattice coupling and two-dimensional ordering in multiferroic hexagonal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mtext>Y</mml:mtext><mml:mrow><mml:mn>1</mml:mn><mml:mo>â˜’</mml:mo><mml:mi xmlns:mml	3.2	65
42	Multiferroic properties of epitaxially stabilized hexagonal DyMnO3 thin films. Applied Physics Letters, 2007, 90, 012903.	3.3	63
43	The low-temperature highly correlated quantum phase in the charge-density-wave 1T-TaS2 compound. Npj Quantum Materials, 2017, 2, .	5.2	63
44	Experimental studies of strong dipolar interparticle interaction in monodisperse Fe3O4 nanoparticles. Applied Physics Letters, 2007, 91, .	3.3	60
45	Hollow Co@C prepared from a Co-ZIF@microporous organic network: magnetic adsorbents for aromatic pollutants in water. Chemical Communications, 2015, 51, 17724-17727.	4.1	60
46	Doping effects of multiferroic manganites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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55	Uncommon Ferromagnetic Interactions in a Homometallic Co(II) Chain Bridged by a Single End-to-End Azide. Inorganic Chemistry, 2007, 46, 9054-9056.	4.0	52
56	Phase-Selective Growth of Assembled FeSe₂ Nanorods from Organometallic Polymers and Their Surface Magnetism. Crystal Growth and Design, 2011, 11, 2707-2710.	3.0	52
57	Antiferromagnetic Kitaev interaction inJ _{eff} = 1/2 cobalt honeycomb materials Na₃Co₂SbO₆ and Na₂Co₂TeO₆. Journal of Physics Condensed Matter, 2022, 34, 045802.	1.8	50
58	Tricritical point and magnetocaloric effect of Nd1â^'xSrxMnO3. Journal of Applied Physics, 2008, 103, .	2.5	49
59	Block Copolymer Directed One-Pot Simple Synthesis of L1₀-Phase FePt Nanoparticles inside Ordered Mesoporous Aluminosilicate/Carbon Composites. ACS Nano, 2011, 5, 1018-1025.	14.6	48
60	Synaptic devices based on two-dimensional layered single-crystal chromium thiophosphate (CrPS4). NPG Asia Materials, 2018, 10, 23-30.	7.9	48
61	Jahn-Teller distortion driven magnetic polarons in magnetite. Nature Communications, 2017, 8, 15929.	12.8	47
62	HexagonalRMnO₃: a model system for two-dimensional triangular lattice antiferromagnets. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 3-19.	1.1	45
63	Magnetic excitations in non-collinear antiferromagnetic Weyl semimetal Mn3Sn. Npj Quantum Materials, 2018, 3, .	5.2	45
64	Growth of Epitaxial MgB₂ Thick Films with Columnar Structures by Using HPCVD. Chemical Vapor Deposition, 2007, 13, 680-683.	1.3	44
65	Synthesis of uniform-sized bimetallic ironâ€“nickel phosphide nanorods. Journal of Solid State Chemistry, 2008, 181, 1609-1613.	2.9	44
66	Magnetically-separable and highly-stable enzyme system based on crosslinked enzyme aggregates shipped in magnetite-coated mesoporous silica. Journal of Materials Chemistry, 2009, 19, 7864.	6.7	44
67	Possible Persistence of Multiferroic Order down to Bilayer Limit of van der Waals Material NiI₂. Nano Letters, 2021, 21, 5126-5132.	9.1	44
68	Heat transport study of the spin liquid candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi><mml:mtext>â^'</mml:mtext></mml:mrow></mml:math> Physical Review B, 2017, 96, .	3.2	41
69	Magnetoelectric Feedback among Magnetic Order, Polarization, and Lattice in Multiferroic BiFeO₃. Journal of the Physical Society of Japan, 2011, 80, 114714.	1.6	40
70	Optical investigations ofLa7/8Sr1/8MnO3. Physical Review B, 1999, 59, 3793-3797.	3.2	39
71	Neutron-diffraction studies of YMnO 3. Applied Physics A: Materials Science and Processing, 2002, 74, s796-s798.	2.3	39
72	Superparamagnetism in Co-ion-implanted anatase TiO2 thin films and effects of postannealing. Applied Physics Letters, 2003, 83, 4574-4576.	3.3	39

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73	Exciton-driven antiferromagnetic metal in a correlated van der Waals insulator. Nature Communications, 2021, 12, 4837.	12.8	39
74	Magnonic quantum spin Hall state in the zigzag and stripe phases of the antiferromagnetic honeycomb lattice. Physical Review B, 2018, 97, .	3.2	38
75	Unconventional spin-phonon coupling via the Dzyaloshinskiiâ€“Moriya interaction. Npj Quantum Materials, 2019, 4, .	5.2	38
76	Strongly adhesive dry transfer technique for van der Waals heterostructure. 2D Materials, 2020, 7, 041005.	4.4	38
77	Giant modulation of optical nonlinearity by Floquet engineering. Nature, 2021, 600, 235-239.	27.8	38
78	Final-state screening effect in the 3sphotoemission spectra of Mn and Fe insulating compounds. Physical Review B, 1993, 48, 7825-7835.	3.2	37
79	Antiferromagnetic ordering in Li₂MnO₃single crystals with a two-dimensional honeycomb lattice. Journal of Physics Condensed Matter, 2012, 24, 456004.	1.8	36
80	Emergent Magnetic Phases in Pressure-Tuned van der Waals Antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>FePS</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></ Physical Review X, 2021, 11, .	8.9	36
81	Air-Stable and Layer-Dependent Ferromagnetism in Atomically Thin van der Waals CrPS₄. ACS Nano, 2021, 15, 16904-16912.	14.6	34
82	Tuning dimensionality in van-der-Waals antiferromagnetic Mott insulatorsTMPS₃. Journal of Physics Condensed Matter, 2020, 32, 124003.	1.8	33
83	Crystal structures and phase transitions of the van der Waals ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mi mathvariant="normal">I</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2019, 3, .	2.4	33
84	Magnon topology and thermal Hall effect in trimerized triangular lattice antiferromagnet. Physical Review B, 2019, 100, .	3.2	31
85	Magnetic properties ofPr0.63Sr0.37MnO3andNd0.7Sr0.3MnO3single crystals. Physical Review B, 1999, 60, 14804-14808.	3.2	30
86	The magnetic instability of Yb2Pd2(In,Sn) in a non-Fermi liquid environment. Journal of Physics Condensed Matter, 2005, 17, S999-S1009.	1.8	30
87	High-pressure-induced spin-liquid phase of multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2008, 78, .	3.2	30
88	Exchange bias behavior of monodisperse Fe3O4/Î³-Fe2O3 core/shell nanoparticles. Current Applied Physics, 2012, 12, 808-811.	2.4	29
89	Robust singlet dimers with fragile ordering in two-dimensional honeycomb lattice of Li2RuO3. Scientific Reports, 2016, 6, 25238.	3.3	29
90	Spin waves in the two-dimensional honeycomb lattice XXZ-type van der Waals antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">CoPS</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	29

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91	Polymorphic Spin, Charge, and Lattice Waves in Vanadium Ditelluride. Advanced Materials, 2020, 32, e1906578.	21.0	29
92	High Field Neutron Diffraction Studies on Metamagnetic Transition of Multiferroic BiFeO₃. Journal of the Physical Society of Japan, 2011, 80, 125001.	1.6	28
93	Localized Character of4fElectrons inCeRhx(x=2,3)andCeNix(x=2,5). Physical Review Letters, 2003, 91, 157601.	7.8	27
94	A new model for the crystal field and the quadrupolar phase transitions of UPd3. Journal of Physics Condensed Matter, 2003, 15, S1923-S1935.	1.8	27
95	Spin glass behavior in frustrated quantum spin system CuAl₂O₄with a possible orbital liquid state. Journal of Physics Condensed Matter, 2017, 29, 13LT01.	1.8	27
96	Pressure-induced large increase of Curie temperature of the van der Waals ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mi mathvariant="normal">I</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 103, .	3.2	27
97	Muon spin relaxation study of non-Fermi-liquid behavior near the ferromagnetic quantum critical point in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CePd</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.15</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 78, .	3.2	26
98	High-energy magnetic excitations ofURu2Si2. Physical Review B, 2002, 66, .	3.2	25
99	Spin-orbital entangled state and realization of Kitaev physics in 3d cobalt compounds: a progress report. Journal of Physics Condensed Matter, 2022, 34, 023001.	1.8	25
100	Magnetic structure studies of ErMnO 3. Applied Physics A: Materials Science and Processing, 2002, 74, s802-s804.	2.3	24
101	Probing the vortex state ofPrRu4Sb12through muon spin rotation and relaxation. Physical Review B, 2005, 72, .	3.2	24
102	Resonant X-Ray Scattering Study of Quadrupole-Strain Coupling inDyB4. Physical Review Letters, 2007, 99, 076401.	7.8	23
103	Large in-plane deformation of RuO₆octahedron and ferromagnetism of bulk SrRuO₃. Journal of Physics Condensed Matter, 2013, 25, 465601.	1.8	23
104	Isostructural Mott transition in 2D honeycomb antiferromagnet V0.9PS3. Npj Quantum Materials, 2019, 4, .	5.2	22
105	Observation of two spin gap energies in the filled skutterudite compoundCeOs4Sb12. Physical Review B, 2007, 75, .	3.2	21
106	A Facially Capped Bodyâ€Centered Ni9W6Cubane Modified with Sulfurâ€Containing Bidentate Ligands: Structure and Magnetic Properties. European Journal of Inorganic Chemistry, 2008, 2008, 3428-3431.	2.0	21
107	Magnetic Pd nanoparticles: effects of surface atoms. Journal of Physics Condensed Matter, 2008, 20, 295209.	1.8	21
108	TbxEr1â^'xNi5compounds: An ideal model system for competing Ising-XYanisotropy energies. Physical Review B, 2009, 79, .	3.2	21

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109	Electronic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Li</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">RuO</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:math> studied by LDA and LDA+DMFT calculations and soft x-ray spectroscopy. Physical Review B, 2015, 91, .	3.2	21
110	Magnon-phonon coupling and two-magnon continuum in the two-dimensional triangular antiferromagnetCuCrO2. Physical Review B, 2016, 94, .	3.2	21
111	Magnetically brightened dark electron-phonon bound states in a van der Waals antiferromagnet. Nature Communications, 2022, 13, 98.	12.8	21
112	Pressure-induced spin fluctuations and spin reorientation in hexagonal manganites. Journal of Physics Condensed Matter, 2007, 19, 156228.	1.8	20
113	Symmetry-Controlled Electronâ€“Phonon Interactions in van der Waals Heterostructures. ACS Nano, 2019, 13, 552-559.	14.6	20
114	Highly Efficient Nonvolatile Magnetization Switching and Multiâ€Level States by Current in Single Van der Waals Topological Ferromagnet Fe₃GeTe₂. Advanced Functional Materials, 2021, 31, 2105992.	14.9	19
115	Magnetic excitations in the bulk multiferroic two-dimensional triangular lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mi>Lu</mml:mi><mml:mn> Physical Review B, 2018, 98, .	3.2	18
116	Low-energy spin dynamics of orthoferrites AFeO₃ (Aâ€‰â€‰=â€‰â€‰Y, La, Bi). Journal of Physics Condensed Matter, 2018, 30, 235802.	1.8	18
117	Spectroscopic Studies on the Metalâ€“Insulator Transition Mechanism in Correlated Materials. Advanced Materials, 2018, 30, e1704777.	21.0	18
118	Magnetic anisotropy in the van der Waals ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mi mathvariant="normal">I</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 103, .	3.2	17
119	Orbital selective confinement effect of Ru <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>4</mml:mn><mml:mi>d</mml:mi></mml:math> orbitals in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>SrRuO</mml:mi></mml:mrow><mml:mn>3 ultrathin film. Physical Review B, 2019, 99, .	3.2	16
120	Kagome van-der-Waals Pd3P2S8 with flat band. Scientific Reports, 2020, 10, 20998.	3.3	16
121	High-resolution structure studies and magnetoelectric coupling of relaxor multiferroicPb(Fe0.5Nb0.5)O3. Physical Review B, 2014, 90, .	3.2	15
122	Hard ferromagnetic van-der-Waals metal (Fe,Co)₃GeTe₂: a new platform for the study of low-dimensional magnetic quantum criticality. Journal of Physics Condensed Matter, 2019, 31, 50LT01.	1.8	15
123	Evidence of spin-orbital-entangled <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>J</mml:mi><mml:mi>eff</mml:mi></mml:msub><mml: state in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:mrow> transition metal oxide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CuAl</mml:mi> Phy	3.2	15
124	Observation of plateau-like magnetoresistance in twisted Fe3GeTe2/Fe3GeTe2 junction. Journal of Applied Physics, 2020, 128, .	2.5	15
125	Successive spin-flop transitions of a NÃ©el-type antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Li</mml:mi><mml:mn>2</mml:mn></mml:msub> crystal with a honeycomb lattice. Physical Review B, 2014, 90, .	3.2	14
126	Terahertz absorption spectroscopy study of spin waves in orthoferrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YFeO</mml:mi><mml:mn>3</mml:mn></mml:msub> in a magnetic field. Physical Review B, 2018, 98, .	3.2	14

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127	Complete mapping of magnetic anisotropy for prototype Ising van der Waals FePS₃. 2D Materials, 2021, 8, 035011.	4.4	14
128	Inelastic neutron scattering fromPrFe4P12at low temperatures and under high magnetic fields. Physical Review B, 2008, 77, .	3.2	13
129	Giant thermal hysteresis in Verwey transition of single domain Fe3O4 nanoparticles. Scientific Reports, 2018, 8, 5092.	3.3	13
130	Exchange Bias Effect in Ferro-/Antiferromagnetic van der Waals Heterostructures. Nano Letters, 2020, 20, 3978-3985.	9.1	13
131	Local nuclear and magnetic order in the two-dimensional spin glass <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mrow><mml:mn>0.5</mml:mn> Physical Review Materials, 2020, 4, .	2.4	13
132	Field-tunable toroidal moment and anomalous Hall effect in noncollinear antiferromagnetic Weyl semimetal Co1/3TaS2. Npj Quantum Materials, 2022, 7, .	5.2	13
133	Magnetic interactions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PdCrO</mml:mi><mml:mn>2</mml:mn></mml:msub> and their effects on its magnetic structure. Physical Review B, 2018, 98, .	3.2	12
134	Hybridization and Decay of Magnetic Excitations in Two-Dimensional Triangular Lattice Antiferromagnets. Journal of the Physical Society of Japan, 2019, 88, 081003.	1.6	12
135	Thickness dependence of antiferromagnetic phase transition in Heisenberg-type MnPS3. Current Applied Physics, 2021, 21, 1-5.	2.4	12
136	Renormalization of spin excitations in hexagonal HoMnO3 by magnon-phonon coupling. Physical Review B, 2018, 97, .	3.2	11
137	Mapping the structural transitions controlled by the trilinear coupling in Ca3-xSrxTi2O7. Journal of Applied Physics, 2019, 125, 244102.	2.5	11
138	Sizable Suppression of Thermal Hall Effect upon Isotopic Substitution in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow><mml:mi>SrTiO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow><mml:mrow> Physical Review Letters, 2021, 126, 015901.	7.8	11
139	Magnetic properties of Li2RuO3 as studied by NMR and LDA + DMFT calculations. JETP Letters, 2017, 105, 375-379.	1.4	10
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