

# Randy Fishman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2321974/publications.pdf>

Version: 2024-02-01

178  
papers

2,651  
citations

236925

25  
h-index

289244

40  
g-index

181  
all docs

181  
docs citations

181  
times ranked

2305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Dispersion and Anisotropy in Multiferroic $\text{BiFeO}_3$ . Physical Review Letters, 2012, 109, 067205.	7.8	89
2	Magnetic Interactions in the Geometrically Frustrated Triangular Lattice Antiferromagnet $\text{CuFeO}_2$ . Physical Review Letters, 2007, 99, 157201.	7.8	85
3	Response functions and collective modes of superfluid $^3\text{He}$ in strong magnetic fields. Physical Review B, 1986, 33, 6068-6087.	3.2	79
4	Optical Diode Effect at Spin-Wave Excitations of the Room-Temperature Multiferroic $\text{BiFeO}_3$ . Physical Review Letters, 2015, 115, 127203.	7.8	65
5	Long-range magnetic interactions in the multiferroic antiferromagnet $\text{MnWO}_4$ . Physical Review B, 2011, 83, .	3.2	64
6	Terahertz Spectroscopy of Spin Waves in Multiferroic $\text{BiFeO}_3$ in High Magnetic Fields. Physical Review Letters, 2013, 110, 257201.	7.8	60
7	Spin-density waves in Fe/Cr trilayers and multilayers. Journal of Physics Condensed Matter, 2001, 13, R235-R269.	1.8	58
8	Spin state and spectroscopic modes of multiferroic $\text{BiFeO}_3$ . Physical Review B, 2013, 87, .	3.2	57
9	Doublet Splitting and the Low-Field Evolution of the Real Squashing Modes in Superfluid $^3\text{He}$ . Physical Review Letters, 1988, 61, 2871-2874.	7.8	54
10	Spin rotation technique for non-collinear magnetic systems: application to the generalized Villain model. Journal of Physics Condensed Matter, 2009, 21, 216001.	1.8	54
11	Interplay between Spin-Density Wave and Proximity Magnetic Layers. Physical Review Letters, 1997, 78, 1351-1354.	7.8	50
12	Magnetic excitations in the geometric frustrated multiferroic $\text{CuCrO}_2$ . Physical Review B, 2011, 84, .	3.2	50
13	Multiferroic phase of doped delafossite $\text{CuFeO}_2$ using inelastic neutron scattering. Physical Review B, 2010, 82, .	3.2	48
14	Inelastic neutron scattering studies of $\text{YFeO}_3$ . Physical Review B, 2014, 89, .	3.2	46
15	Recent studies of particle packing in organic coatings. Progress in Organic Coatings, 1999, 35, 1-9.	3.9	45
16	Spin-orbit coupling controlled ground state in $\text{Sr}_2\text{Fe}_8\text{O}_{22}$ . Physical Review B, 2016, 93, .	3.2	38
17	Expansion in $1/z$ for the transition temperature and specific heat of ferromagnets. Physical Review B, 1989, 40, 11028-11036.	3.2	35
18	Extended magnetic exchange interactions in the high-temperature ferromagnet $\text{MnBi}$ . Applied Physics Letters, 2016, 108, .	3.3	32

#	ARTICLE	IF	CITATIONS
19	Free energy and phase diagram of chromium alloys. Physical Review B, 1993, 48, 3820-3829.	3.2	31
20	Importance of stacking to the collinear magnetic phases of the geometrically frustrated antiferromagnet CuFeO <sub>2</sub> . Physical Review B, 2008, 78, .	3.2	30
21	Noncollinear magnetic phases of a triangular-lattice antiferromagnet and of doped $\text{CuFeO}$ . Physical Review B, 2010, 81, .	3.2	28
22	Identifying the spectroscopic modes of multiferroic BiFeO <sub>3</sub> . Physical Review B, 2012, 86, .	3.2	28
23	Field dependence of the spin state and spectroscopic modes of multiferroic BiFeO <sub>3</sub> . Physical Review B, 2013, 87, .	3.2	28
24	Giant Negative Magnetization in a Layered Organic Magnet. Physical Review Letters, 2007, 99, 217203.	7.8	27
25	Collinear spin-density-wave ordering in Fe/Cr multilayers and wedges. Physical Review B, 1999, 59, 13849-13860.	3.2	26
26	Divergences in the force-balance theory of resistivity. Physical Review B, 1989, 39, 2990-2993.	3.2	25
27	Spin waves in CuFeO <sub>2</sub> . Journal of Applied Physics, 2008, 103, 07B109.	2.5	25
28	Spin-Wave Instabilities and Noncollinear Magnetic Phases of a Geometrically Frustrated Triangular-Lattice Antiferromagnet. Physical Review Letters, 2009, 102, 237204.	7.8	25
29	Phonons, magnons, and lattice thermal transport in antiferromagnetic semiconductor MnTe. Physical Review Materials, 2019, 3, .	2.4	25
30	Goldstone Modes and Low-Frequency Dynamics of Incommensurate Chromium Alloys. Physical Review Letters, 1996, 76, 2398-2401.	7.8	24
31	Helical and Incommensurate Spin-Density Waves in Fe/Cr Multilayers with Interfacial Steps. Physical Review Letters, 1998, 81, 4979-4982.	7.8	24
32	Magnetic anisotropy in the Fe(II)Fe(III) bimetallic oxalates. Physical Review B, 2008, 77, .	3.2	24
33	Magnetic Frustration Driven by Itinerancy in Spinel CoV <sub>2</sub> O <sub>4</sub> . Scientific Reports, 2017, 7, 17129.	3.3	24
34	Role of long-range Coulomb interactions in granular superconductors. Physical Review B, 1988, 38, 290-296.	3.2	23
35	Spin dynamics of chromium. II. Incommensurate alloys. Physical Review B, 1996, 54, 7252-7268.	3.2	23
36	Spin-induced polarizations and nonreciprocal directional dichroism of the room-temperature multiferroic BiFeO <sub>3</sub> . Physical Review B, 2015, 92, .	3.2	23

#	ARTICLE	IF	CITATIONS
37	Giant Spin-Driven Ferroelectric Polarization in $\text{BiFeO}_3$ at Room Temperature. <i>Physical Review Letters</i> , 2015, 115, 207203.	7.8	23
38	The effects of density fluctuations in organic coatings. <i>Journal of Applied Physics</i> , 1992, 72, 3116-3124.	2.5	22
39	Strong competition between orbital ordering and itinerancy in a frustrated spinel vanadate. <i>Physical Review B</i> , 2015, 91, .	3.2	22
40	Partially disordered state and spin-lattice coupling in an lattice antiferromagnet $\text{Ag}_2\text{CrO}_4$ . <i>Physical Review Letters</i> , 2015, 115, 167201.	3.2	21
41	Response functions and collective modes of $\text{He}_3$ in strong magnetic fields: Determination of material parameters from experiments. <i>Physical Review B</i> , 1988, 38, 2526-2532.	3.2	20
42	Phase Diagram of a Geometrically Frustrated Triangular-Lattice Antiferromagnet in a Magnetic Field. <i>Physical Review Letters</i> , 2011, 106, 037206.	7.8	20
43	Cluster Frustration in the Breathing Pyrochlore Magnet $\text{LiGaCr}_2\text{S}_8$ . <i>Physical Review Letters</i> , 2020, 125, 167201.	7.8	20
44	Adiabatic and isothermal resistivities. <i>Physical Review B</i> , 1989, 39, 2994-3004.	3.2	19
45	Magnetic Compensation and Ordering in the Bimetallic Oxalates: Why Are the 2D and 3D Series so Different?. <i>Inorganic Chemistry</i> , 2009, 48, 3039-3046.	4.0	19
46	Influence of interstitial Mn on magnetism in the room-temperature ferromagnet $\text{Mn}_2\text{O}_7$ . <i>Physical Review B</i> , 2015, 91, .	3.2	19
47	Effect of long-range Coulomb interactions on the superconducting transition in Josephson-junction arrays. <i>Physical Review B</i> , 1988, 37, 1499-1509.	3.2	18
48	Effect of impurities on the magnetic ordering in chromium. <i>Physical Review B</i> , 1992, 45, 12306-12318.	3.2	18
49	Pressure-induced phase transition in a molecule-based magnet with interpenetrating sublattices. <i>Physical Review B</i> , 2010, 81, .	3.2	17
50	Effect of interlayer interactions and lattice distortions on the magnetic ground state and spin dynamics of a geometrically frustrated triangular-lattice antiferromagnet. <i>Physical Review B</i> , 2010, 82, .	3.2	17
51	Magnetic interactions in the multiferroic phase of $\text{CuFe}_2\text{O}_7$ . <i>Physical Review Letters</i> , 2010, 105, 167201.	3.2	17
52	Inverse Jahn-Teller Transition in Bimetallic Oxalates. <i>Physical Review Letters</i> , 2008, 101, 116402.	7.8	16
53	Critical anisotropies of a geometrically frustrated triangular-lattice antiferromagnet. <i>Physical Review B</i> , 2009, 79, .	3.2	16
54	Molecule-based magnets with diruthenium building blocks in two and three dimensions. <i>Physical Review B</i> , 2009, 80, .	3.2	16

#	ARTICLE	IF	CITATIONS
55	Competing exchange interactions in multiferroic and ferrimagnetic $\text{CaBaCo}_4\text{O}_7$ . Physical Review B, 2017, 95, .	3.2	16
56	Particle-hole symmetry violation in normal liquid $\text{He}_3$ . Physical Review B, 1985, 31, 251-259.	3.2	15
57	Effects of the dipole interaction in superfluid $\text{He}_3$ . Physical Review B, 1987, 36, 79-96.	3.2	15
58	Magnetic properties of the $S=1/2$ square lattice antiferromagnet $\text{CuF}_2(\text{H}_2\text{O})_2(\text{pyz})$ ( $\text{pyz}=\text{pyrazine}$ ) investigated by neutron scattering. Physical Review B, 2012, 86, .	3.2	15
59	Spin-lattice coupling mediated multiferroicity in $\text{D}_2\text{O}$ . Physical Review B, 2016, 94, .	3.2	15
60	Origin of magnetic excitation gap in double perovskite $\text{Sr}_2\text{IrO}_7$ . Physical Review B, 2018, 98, .	3.2	15
61	Construction of a well-defined free energy from the harmonic approximation for Josephson junctions. Physical Review B, 1988, 38, 11996-11999.	3.2	14
62	Expansion in $1/z$ for the transition temperature of granular superconductors. Physical Review Letters, 1989, 63, 89-92.	7.8	14
63	Magnetic structure and paramagnetic dynamics of chromium and its alloys. Physical Review B, 1993, 47, 11870-11882.	3.2	14
64	Hybrid quantum-classical Monte Carlo study of a molecule-based magnet. Physical Review B, 2008, 78, .	3.2	14
65	Phase diagram of $\text{CuCrO}_2$ in a magnetic field. Journal of Physics Condensed Matter, 2011, 23, 366002.	1.8	14
66	Incommensurability and spin dynamics in the low-temperature phases of $\text{Ni}_3\text{V}_2\text{O}_{11}$ . Physical Review B, 2014, 90, .	3.2	14
67	Pressure-driven high-to-low spin transition in the bimetallic quantum magnet $[\text{Ru}_2(\text{O}_2\text{CMe})_4]_3[\text{Cr}(\text{CN})_6]$ . Physical Review B, 2014, 90, .	3.2	14
68	Terahertz absorption spectroscopy study of spin waves in orthoferrite $\text{YFeO}_3$ in a magnetic field. Physical Review B, 2018, 98, .	3.2	14
69	Breakdown of the spin-wave approximation for a Heisenberg ferromagnet. Physical Review B, 1991, 44, 658-674.	3.2	13
70	Spin dynamics of chromium. I. Formalism and commensurate alloys. Physical Review B, 1996, 54, 7233-7251.	3.2	13
71	Magnetism in semiconductors: A dynamical mean-field study of ferromagnetism in $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ . Physical Review B, 2005, 72, .	3.2	13
72	Ground-state and spin-wave dynamics in Brownmillerite $\text{SrCoO}_{2.5}$ a combined hybrid functional and $\text{LSDA} + \text{U}$ study. Journal of Physics Condensed Matter, 2014, 26, 036004.	1.8	13

#	ARTICLE	IF	CITATIONS
73	Pressure-induced enhancement of the magnetic anisotropy in $\text{Mn}_2\text{P}$ . Physical Review B, 2015, 91, .	3.2	13
74	Superconducting arrays in a magnetic field: Quantum effects. Physical Review B, 1987, 35, 1676-1681.	3.2	12
75	Magnetic susceptibility of the double-exchange model. Physical Review B, 2003, 67, .	3.2	12
76	Spin Diffusion in Double-Exchange Manganites. Physical Review Letters, 2003, 90, 177202. Neutron scattering study of spin dynamics in superconducting $(\text{Ti,Rb})\text{Mn}_2\text{P}$	7.8	12
77	$\text{FeSe}_2$ and $\text{FeSe}$ multilayers. Physical Review B, 2003, 67, .	3.2	12
78	Magnetic phase diagram of interfacially rough Fe/Cr multilayers. Physical Review B, 1998, 57, 10284-10286.	3.2	11
79	Magnetic compensation in the bimetallic oxalates. Physical Review B, 2008, 77, .	3.2	11
80	Monte Carlo and variational calculations of the magnetic phase diagram of $\text{CuFeO}_2$ . Physical Review B, 2012, 85, .	3.2	11
81	First-principles approach to the dynamic magnetoelectric couplings for the non-reciprocal directional dichroism in $\text{BiFeO}_3$ . New Journal of Physics, 2016, 18, 043025.	2.9	11
82	Density fluctuations in hard-sphere systems. Journal of Applied Physics, 1996, 79, 729.	2.5	10
83	Electronic susceptibility and Curie temperature of the double-exchange model within dynamical mean-field theory. Journal of Applied Physics, 2003, 93, 7148-7150.	2.5	10
84	Short-range ordered phase of the double-exchange model in infinite dimensions. Physical Review B, 2006, 73, .	3.2	10
85	Dynamics of impurity and valence bands in $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ within the dynamical mean-field approximation. Physical Review B, 2006, 74, .	3.2	10
86	Anisotropic spin waves and exchange interactions in the A-type antiferromagnetic state of $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ . Physical Review B, 2006, 73, .	3.2	10
87	Giant antiferromagnetically coupled moments in a molecule-based magnet with interpenetrating lattices. Physical Review B, 2009, 80, .	3.2	10
88	Spin-wave dynamics for the high-magnetic-field phases of the frustrated $\text{CuFeO}_2$ antiferromagnet: Predictions for inelastic neutron scattering. Physical Review B, 2012, 86, .	3.2	10
89	Magnetic field-temperature phase diagram of multiferroic $(\text{NH}_4)_2\text{FeCl}_5\cdot\text{H}_2\text{O}$ . Npj Quantum Materials, 2019, 4, .	5.2	10
90	Perturbative results for the short-range order parameter, specific heat, and resistivity of granular superconductors. Physical Review B, 1988, 38, 4437-4447.	3.2	9

#	ARTICLE	IF	CITATIONS
91	Coupled spin- and charge-density waves in chromium alloys. Journal of Physics Condensed Matter, 1997, 9, 3417-3426.	1.8	9
92	Magnetoelastic effects and spin excitations in $\text{MnAlO}_3$ alloys. Physical Review B, 1999, 59, 8681-8694.	3.2	9
93	Spin dynamics of double-exchange manganites with magnetic frustration. Physical Review B, 2004, 70, .	3.2	9
94	Low temperature hysteretic behavior of the interpenetrating 3-D network structured $[\text{Ru}_2(\text{O}_2\text{CMe})_4]_3[\text{Fe}(\text{CN})_6]$ magnet. Polyhedron, 2013, 64, 73-76.	2.2	9
95	Stripe antiferromagnetic ground state of the ideal triangular lattice compound $\text{KErSe}_2$ . Physical Review B, 2021, 103, .	3.2	9
96	Steplike metamagnetic transitions in a honeycomb lattice antiferromagnet $\text{Tb}_2\text{Mn}_2\text{O}_7$ . Physical Review Materials, 2019, 3, .	2.4	9
97	Correlation of phase fluctuations in granular superconductors. Physical Review B, 1989, 40, 11014-11027.	3.2	8
98	Transition Temperature of a Magnetic Semiconductor with Angular Momentum $j$ . Physical Review Letters, 2006, 96, 237204.	7.8	8
99	Control of chirality normal to the interface of hexagonal magnetic and nonmagnetic layers. Physical Review B, 2010, 81, .	3.2	8
100	Mean Field Analysis of the Exchange Coupling ( $J$ ) for Two- and Three-Dimensional Structured Tetracyanoethenide ( $\text{TCNE}$ )-Based Magnets. Journal of Physical Chemistry C, 2012, 116, 16154-16160.	3.1	8
101	Long-range magnetic order and interchain interactions in the $S=2$ chain system $\text{MnCl}_3(\text{bpy})$ . Physical Review B, 2016, 94, .	3.2	8
102	Normal modes of a spin cycloid or helix. Physical Review B, 2019, 99, .	3.2	8
103	Giant doping response of magnetic anisotropy in $\text{MnTe}$ . Physical Review Materials, 2022, 6, .	2.4	8
104	Fluctuations in granular superconductors. Physical Review B, 1989, 39, 7228-7231.	3.2	7
105	Onset of long-range order in a paramagnet. Physical Review B, 1992, 45, 5406-5413.	3.2	7
106	Dynamics of commensurate chromium alloys. Physical Review B, 1994, 50, 4240-4243.	3.2	7
107	Magnetic phase diagram of Fe/Cr multilayers and wedges. Journal of Physics Condensed Matter, 1998, 10, L277-L282.	1.8	7
108	Single layer of Mn in a GaAs quantum well: A ferromagnet with quantum fluctuations. Physical Review B, 2007, 75, .	3.2	7

#	ARTICLE	IF	CITATIONS
109	Quantum spin fluctuations and ellipticity for a triangular-lattice antiferromagnet. Physical Review B, 2011, 84, .	3.2	7
110	Orientation dependence of the critical magnetic field for multiferroic BiFeO <sub>3</sub> . Physical Review B, 2013, 88, .	3.2	7
111	Pinning, rotation, and metastability of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{BiFeO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ cycloidal domains in a magnetic field. Physical Review B, 2018, 97, .		
112	Electronic phase separation and magnetic-field-induced phenomena in molecular multiferroic $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{ND} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mathvariant="normal"} \rangle \text{D} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$		
113	Observation of a Large Magnetic Anisotropy and a Field-Induced Magnetic State in SrCo(VO <sub>4</sub> )(OH): A Structure with a Quasi One-Dimensional Magnetic Chain. Inorganic Chemistry, 2020, 59, 1029-1037.	4.0	7
114	New formalism for the study of lattice Hamiltonians. Physical Review B, 1990, 41, 4377-4388.	3.2	6
115	Nonlinear dynamics of a Heisenberg ferromagnet. Physical Review B, 1992, 45, 5414-5427.	3.2	6
116	Thermodynamic consistency of the dynamical mean-field theory of the double-exchange model. Physical Review B, 2005, 71, .	3.2	6
117	Magnetic instabilities and phase diagram of the double-exchange model in infinite dimensions. New Journal of Physics, 2006, 8, 116-116.	2.9	6
118	Spin-orbit coupling and Jahn-Teller distortion in bimetallic oxalates. Polyhedron, 2009, 28, 1740-1745.	2.2	6
119	Spin-wave dynamics of magnetic heterostructures: application to Dy/Y multilayers. Journal of Physics Condensed Matter, 2010, 22, 186002.	1.8	6
120	Quantum spin fluctuations for a distorted incommensurate spiral. Physical Review B, 2012, 85, .	3.2	6
121	Magnetoelastic distortion of multiferroic $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{BiFeO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ in the canted antiferromagnetic state. Physical Review B, 2020, 102, .	3.2	6
122	Stacking Faults and Short-Range Magnetic Correlations in Single Crystal Y <sub>5</sub> Ru <sub>2</sub> O <sub>12</sub> : A Structure with Ru <sup>+4.5</sup> One-Dimensional Chains. Physica Status Solidi (B): Basic Research, 2021, 258, 2000197.	1.5	6
123	Effects of quasiparticle dissipation on quantum fluctuations in granular superconductors. Physical Review B, 1990, 42, 1985-1996.	3.2	5
124	Effects of an electron reservoir on the phase diagram of chromium alloys. Physical Review B, 1994, 49, 3308-3316.	3.2	5
125	First-order paramagnetic-to-commensurate phase transition in Cr alloys. Physical Review B, 1998, 58, 414-424.	3.2	5
126	Spin diffusion in the double-exchange model at $T = \hat{\alpha}^2$ . Physical Review B, 2000, 62, R3600-R3603.	3.2	5



#	ARTICLE	IF	CITATIONS
127	f-sum rule for the spin conductivity in itinerant magnets. Journal of Applied Physics, 2002, 91, 8120.	2.5	5
128	Determination of the magnetic ground state of a polycrystalline compound based on susceptibility measurements. Physical Review B, 2011, 83, .	3.2	5
129	Single-ion anisotropy is necessary and appropriate to study the magnetic behavior of $\text{Ru}^{2+}$ magnet $[\text{Ru}^{2+}(\text{O})_2(\text{O})_2(\text{O})_2]_n$ . Physical Review B, 2011, 83, .	3.2	5
130	Competing magnetostructural phases in a semiclassical system. Npj Quantum Materials, 2017, 2, .	5.2	5
131	Canted antiferromagnetic order and spin dynamics in the honeycomb-lattice compound $\text{Tb}_2\text{O}_7$ . Physical Review B, 2021, 103, .		
132	Magnetic excitations of the hybrid multiferroic $\text{Nd}_2\text{O}_7$ . Physical Review B, 2021, 103, .		
133	$\text{NaCo}_2(\text{SeO}_3)_2(\text{OH})$ : competing magnetic ground states of a new sawtooth structure with $3d^{7+}$ $\text{Co}^{2+}$ ions. Inorganic Chemistry Frontiers, 2022, 9, 4329-4340.	6.0	5
134	$1/z$ expansion for the Ising and Heisenberg models in an external field. Physical Review B, 1993, 47, 8273-8276.	3.2	4
135	Local Symmetry Breaking by Impurities and Mode Splitting in Doped SmS. Physical Review Letters, 2002, 89, 247203.	7.8	4
136	Neutron-diffraction evidence for the ferrimagnetic ground state of a molecule-based magnet with weakly coupled sublattices. Journal of Physics Condensed Matter, 2012, 24, 496001.	1.8	4
137	Spin dynamics in the multiferroic materials (invited). Journal of Applied Physics, 2012, 111, 07E137.	2.5	4
138	Correlation of fluctuations in the Blume-Capel model. Physical Review B, 1992, 45, 5307-5314.	3.2	3
139	Dynamics of paramagnetic chromium alloys. Journal of Physics Condensed Matter, 1993, 5, 3959-3964.	1.8	3
140	Charge-density wave and magnetic phase diagram of chromium alloys. Journal of Applied Physics, 1997, 81, 4201-4203.	2.5	3
141	Spin diffusion in the double-exchange model at intermediate temperatures. Journal of Physics Condensed Matter, 2000, 12, L575-L581.	1.8	3
142	Double exchange in a magnetically frustrated system. Journal of Physics Condensed Matter, 2004, 16, 5483-5501.	1.8	3
143	Comprehensive inelastic neutron scattering study of the multiferroic $\text{Mn}^{1+}\text{Co}_x\text{WO}_4$ . Physical Review B, 2018, 98, .	3.2	3
144	Single-ion anisotropy is necessary and appropriate to study the magnetic behavior of $\text{Mn}^{2+}$ moments with $3d^5$ moments with $J$ on the honey. Physical Review B, 2021, 103, .	3.2	3

#	ARTICLE	IF	CITATIONS
145	Confined magnons. Physical Review B, 2021, 104, .	3.2	3
146	High-Field Magnetoelectric and Spin-Phonon Coupling in Multiferroic (NH <sub>4</sub> ) <sub>2</sub> [FeCl <sub>5</sub> ·(H <sub>2</sub> O)]. Inorganic Chemistry, 2022, 61, 3434-3442.	4.0	3
147	Spin dynamics in the skyrmion-host lacunar spinel $GaV_4S_8$ . Physical Review B, 2021, 104, .	3.2	3
148	Coupling between longitudinal and transverse fluctuations in a Heisenberg ferromagnet. Journal of Physics Condensed Matter, 1991, 3, 8313-8318.	1.8	2
149	Density of states in chromium alloys. Physical Review B, 1997, 55, 8347-8356.	3.2	2
150	Susceptibility of dilutely doped CrFe alloys. Journal of Physics Condensed Matter, 1998, 10, 6347-6366.	1.8	2
151	Helical spin-density waves in Fe/Cr trilayers with perfect interfaces. Journal of Applied Physics, 1999, 85, 5877-5879.	2.5	2
152	Spin diffusion in the double-exchange model far above the Curie temperature. Journal of Physics Condensed Matter, 2002, 14, 1337-1352.	1.8	2
153	Spin dynamics of a canted antiferromagnet in a magnetic field. Physical Review B, 2004, 70, .	3.2	2
154	Magnetic Susceptibility and Order Parameter of the Spin-Glass-Like Phase of the Double-Exchange Model. Physical Review Letters, 2006, 97, 177204.	7.8	2
155	Nature of Perpendicular-to-Parallel Spin Reorientation in a Mn-doped GaAs Quantum Well: Canting or Phase Separation?. Physical Review Letters, 2007, 98, 267203.	7.8	2
156	A Mean-Field Analysis of the Exchange Coupling (J) for Noncubic Prussian Blue Analogue Magnets. Journal of Physical Chemistry C, 2012, 116, 24752-24756.	3.1	2
157	Phase transitions of the ferroelectric $Bi_2O_3$ under magnetic field. Physical Review B, 2021, 104, .	3.2	2
158	Selection rules and dynamic magnetoelectric effect of the spin waves in multiferroic $BiFeO_3$ . Physical Review B, 2021, 104, .	3.2	2
159	Binding of charged particles in lattice defects. Physical Review B, 1989, 40, 11493-11495.	3.2	1
160	Crossover in the Heisenberg ferromagnet. Journal of Physics Condensed Matter, 1991, 3, 4381-4387.	1.8	1
161	Influence of electron damping and reservoir on the magnetic phase diagram of chromium alloys. Journal of Applied Physics, 1994, 75, 6290-6292.	2.5	1
162	Coercive field of a polycrystalline ferrimagnet with uni-axial anisotropy. Journal of Magnetism and Magnetic Materials, 2008, 320, 1700-1704.	2.3	1

#	ARTICLE	IF	CITATIONS
163	Spin rotation technique for non-collinear magnetic systems: application to the generalized Villain model. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 509801.	1.8	1
164	Global stability and the magnetic phase diagram of a geometrically frustrated triangular lattice antiferromagnet. <i>Journal of Applied Physics</i> , 2011, 109, 07E117.	2.5	1
165	Metamagnetic phase transition in a diruthenium compound with interpenetrating sublattices. <i>Polyhedron</i> , 2011, 30, 3131-3133.	2.2	1
166	Simulating spin waves in entropy stabilized oxides. <i>Physical Review Research</i> , 2021, 3, .	3.6	1
167	North Dakota Firing was Faculty Fueled. <i>Physics Today</i> , 1994, 47, 13-14.	0.3	0
168	Goldstone modes of incommensurate chromium alloys. <i>Journal of Applied Physics</i> , 1996, 79, 4824.	2.5	0
169	Low frequency charge dynamics of incommensurate chromium alloys. <i>Journal of Applied Physics</i> , 1997, 81, 4204-4206.	2.5	0
170	Broken local symmetry and the mode splitting of Y doped SmS in a magnetic field. <i>Journal of Applied Physics</i> , 2005, 97, 10A715.	2.5	0
171	Generalized double-exchange model for magnetic semiconductors with angular momentum $j$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, 53-56.	2.3	0
172	Publisher's Note: Critical anisotropies of a geometrically frustrated triangular-lattice antiferromagnet [ <i>Phys. Rev. B</i> 79, 184413 (2009)]. <i>Physical Review B</i> , 2009, 79, .	3.2	0
173	Spin waves in antiferromagnetically coupled bimetallic oxalates. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 016005.	1.8	0
174	Average $g$ -Factors of Anisotropic Polycrystalline Samples. <i>Journal of Physical Chemistry C</i> , 2010, 114, 11623-11626.	3.1	0
175	Publisher's Note: Multiferroic phase of doped delafossite $\text{CuFeO}_2$ identified using inelastic neutron scattering [ <i>Phys. Rev. B</i> 82, 020404(R) (2010)]. <i>Physical Review B</i> , 2010, 82, .	3.2	0
176	Publisher's Note: Long-range magnetic interactions in the multiferroic antiferromagnet $\text{MnWO}_4$ [ <i>Phys. Rev. B</i> 83, 140401(R) (2011)]. <i>Physical Review B</i> , 2011, 84, .	3.2	0
177	Two methods to study inelastic neutron-scattering measurements based on $\tilde{\chi}''(q)$ versus $S(q, \tilde{\chi}'')$ applied to the magnetic open honeycomb lattice $\text{Tb}_2\text{Ir}_3\text{Ga}_9$ . <i>Journal of Physics Condensed Matter</i> , 2022, 34, 135804.	1.8	0
178	Anisotropic spin-wave excitations in multiferroic $\text{BiFeO}_3$ . <i>Physical Review B</i> , 2022, 105, .		