

# Geetha Balakrishnan

## List of Publications by Year in descending order

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374  
papers

9,255  
citations

50170

46  
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69108

77  
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379  
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379  
docs citations

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times ranked

9214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic structures of geometrically frustrated SrCd <sub>2</sub> O <sub>4</sub> derived from powder and single-crystal neutron diffraction. Physical Review B, 2022, 105, .	1.1	4
2	f-electron hybridised Fermi surface in magnetic field-induced metallic YbB <sub>12</sub> . Npj Quantum Materials, 2022, 7, .	1.8	8
3	First-principles study of the structural and magnetic properties of $\text{Mn}_3\text{NbS}_2$ and $\text{Cr}_3\text{Mn}_2\text{S}_2$ . Physical Review B, 2022, 105, .	0.9	9
4	Giant topological and planar Hall effect in $\text{Cr}_3\text{Mn}_2\text{S}_2$ . Physical Review Research, 2022, 4, .	1.1	2
5	Energy-gap driven low-temperature magnetic and transport properties in $\text{Cr}_3\text{Mn}_2\text{S}_2$ . Physical Review B, 2022, 105, .	1.1	2
6	Singlet-triplet mixing in the order parameter of the noncentrosymmetric superconductor $\text{RuB}_2$ . Physical Review B, 2022, 105, .	1.1	2
7	Magnetism in the NaCl-skyrmion host $\text{GaV}_4\text{S}_8$ under pressure. Physical Review B, 2022, 105, .	1.1	1
8	Toggle-like current-induced Bloch point dynamics of 3D skyrmion strings in a room temperature nanowire. Nature Communications, 2022, 13, .	5.8	10
9	Tilted X-Ray Holography of Magnetic Bubbles in MnNiGa Lamellae. ACS Nano, 2021, 15, 387-395.	7.3	18
10	Megahertz dynamics in skyrmion systems probed with muon-spin relaxation. Physical Review B, 2021, 103, .	1.1	9
11	Evidence for the coexistence of time-reversal symmetry breaking and Bardeen-Cooper-Schrieffer-like superconductivity in $\text{LaMn}_7\text{C}_2$ . Physical Review B, 2021, 103, .	1.1	8
12	Strain relaxation dynamics of multiferroic orthorhombic manganites. Journal of Physics Condensed Matter, 2021, 33, 125402.	0.7	5
13	Magnetoelastic coupling and Gr $\frac{1}{4}$ neisen scaling in $\text{NdB}_4\text{C}_2$ . Physical Review B, 2021, 103, .	1.1	2
14	Characterizing oxygen atoms in perovskite and pyrochlore oxides using ADF-STEM at a resolution of a few tens of picometers. Acta Materialia, 2021, 208, 116717.	3.8	4
15	Chiral singlet superconductivity in the weakly correlated metal LaPt <sub>3</sub> P. Nature Communications, 2021, 12, 2504.	5.8	21
16	Investigation of the magnetic ground state of $\text{GaV}_4\text{S}_8$ using powder neutron diffraction. Journal of Physics Condensed Matter, 2021, 33, 255802.	0.7	3
17	Deriving the skyrmion Hall angle from skyrmion lattice dynamics. Nature Communications, 2021, 12, 2723.	5.8	17
18	Magnetic structure investigation of the intercalated transition metal dichalcogenide $\text{V}_3\text{NbS}_2$ . Physical Review B, 2021, 103, .	1.1	2

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19	Bulk transport paths through defects in floating zone and Al flux grown $\text{SmB}_6$ Physical Review Materials, 2021, 5, .	0.9	1
20	Spin Dynamics and Unconventional Coulomb Phase in $\text{Nd}_2\text{Zr}_{1-x}\text{Ti}_x\text{O}_7$ pyrochlore magnets. Physical Review Letters, 2021, 126, 247201.	1.1	1
21	Field-temperature phase diagram of the enigmatic $\text{Nd}_2(\text{Zr}_{1-x}\text{Ti}_x)\text{O}_7$ pyrochlore magnets. Physical Review B, 2021, 103, .	1.1	1
22	Field-induced magnetic states in geometrically frustrated $\text{SrEr}_2\text{O}_4$ . SciPost Physics, 2021, 11, .	1.5	4
23	Superconducting Quantum Interference in Twisted van der Waals Heterostructures. Nano Letters, 2021, 21, 6725-6731.	4.5	21
24	Topological defect-mediated skyrmion annihilation in three dimensions. Communications Physics, 2021, 4, .	2.0	16
25	Emergent magnetic behavior in the frustrated $\text{Yb}_3\text{Ga}_5\text{O}_{12}$ garnet. Physical Review Materials, 2021, 5, .	1.1	9
26	Absence of zero-field-cooled exchange bias effect in single crystalline $\text{La}_2\text{CoMnO}_6$ Physical Review Materials, 2021, 5, .	0.9	0
27	Investigation of the transport, magnetic and flux pinning properties of the noncentrosymmetric superconductor $\text{TaRh}_2\text{B}_2$ under hydrostatic pressure. Physica C: Superconductivity and Its Applications, 2020, 571, 1353586.	1.3	4
28	Effects of Fe Deficiency and Co Substitution in Polycrystalline and Single Crystals of $\text{Fe}_3\text{GeTe}_2$ . Crystal Growth and Design, 2021, 21, 6786-6792.	1.4	7
29	Investigations of the size distribution and magnetic properties of nanoparticles of $\text{Cu}_2\text{OSeO}_3$ . Materials Research Express, 2021, 8, 116101.	0.8	0
30	Anisotropic superconductivity and unusually robust electronic critical field in single crystal $\text{La}_7\text{Ir}_3$ . Physical Review Materials, 2021, 5, .	0.9	0
31	Experimental evidence of a change of exchange anisotropy sign with temperature in Zn-substituted $\text{Cu}_2\text{Mn}_2\text{S}_7$ . Physical Review Research, 2021, 3, .	1.3	4
32	Extremely slow nonequilibrium monopole dynamics in classical spin ice. Physical Review B, 2020, 101, .	1.1	3
33	Raman response of topologically protected surface states in submicrometric $\text{Pb}_{0.77}\text{Sn}_{0.23}$ Se flakes. Journal of Raman Spectroscopy, 2020, 51, 2489-2495.	1.2	1
34	Establishing magneto-structural relationships in the solid solutions of the skyrmion hosting family of materials: $\text{GaV}_4\text{S}_8\text{As}_y\text{Se}_y$ . Scientific Reports, 2020, 10, 9813.	1.6	8
35	Intrinsic Bulk Quantum Oscillations in a Bulk Unconventional Insulator $\text{SmB}_6$ . IScience, 2020, 23, 101632.	1.9	13

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37	Coexistence of type-I and type-II superconductivity signatures in ZrB12 probed by muon spin rotation measurements. Physical Review B, 2020, 102, .	1.1	13
38	Optical Floating Zone Crystal Growth of Rare-Earth Disilicates, $R_{2-x}Si_2O_7$ (R = Er, Ho, and Tm). Crystal Growth and Design, 2020, 20, 6636-6648.	1.4	10
39	Anisotropy-induced depinning in the Zn-substituted skyrmion host $Cu_{2-x}O$ . Physical Review B, 2020, 102, .	1.1	9
40	Evolution of field-induced metastable phases in the Shastry-Sutherland lattice magnet $TmB_4$ . Physical Review B, 2020, 102, .	1.1	1
41	Surface analysis of the $PrB_6$ (001) cleavage plane by scanning tunneling microscopy and spectroscopy. Physical Review B, 2020, 102, .	1.1	3
42	Crystal Growth by the Floating Zone Method of Ce-Substituted Crystals of the Topological Kondo Insulator $SbB_6$ . Crystals, 2020, 10, 827.	1.0	3
43	Direct observation of the energy gain underpinning ferromagnetic superexchange in the electronic structure of $CrGeTe_3$ . Physical Review B, 2020, 101, .	1.1	23
44	Tunability of the spin reorientation transitions with pressure in $NdCo_5$ . Applied Physics Letters, 2020, 116, 102408.	1.5	2
45	Proximity-induced ferromagnetism and chemical reactivity in few-layer $VSe_2$ heterostructures. Physical Review B, 2020, 101, .	1.1	25
46	Real-space imaging of confined magnetic skyrmion tubes. Nature Communications, 2020, 11, 1726.	5.8	103
47	Comprehensive surface magnetotransport study of $SbB_6$ . Physical Review B, 2020, 101, .	1.1	1
48	Torque magnetometry study of the spin reorientation transition and temperature-dependent magnetocrystalline anisotropy in $NdCo_5$ . Journal of Physics Condensed Matter, 2020, 32, 255802.	0.7	8
49	Position-dependent stability and lifetime of the skyrmion state in nickel-substituted $Cu_{2-x}O$ . Physical Review B, 2020, 102, .	1.1	1
50	Structure and magnetism of the skyrmion hosting family $GaV_4S_8$ with low levels of substitutions between $z$ and $y$ . Physical Review Materials, 2020, 4, .	0.9	3
51	Stability and metastability of skyrmions in thin lamellae of $Cu_2OSeO_3$ . Physical Review Research, 2020, 2, .	1.3	10
52	Magnetism and Néel skyrmion dynamics in $GaV_4S_8$ . Physical Review Research, 2020, 2, .	0.9	3
53	Superconductivity and the upper critical field in the chiral noncentrosymmetric superconductor $NbRh_2B_2$ . Journal of Physics Condensed Matter, 2019, 31, 465601.	0.7	10
54	Rotation of the magnetic vortex lattice in $Ru_7B_3$ driven by the effects of broken time-reversal and inversion symmetry. Physical Review B, 2019, 100, .	1.1	11

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55	Effect of different atmospheres on the synthesis of Ba <sub>2</sub> CuGe <sub>2</sub> O <sub>7</sub> single crystals. European Physical Journal: Special Topics, 2019, 228, 703-712.	1.2	2
56	Increased lifetime of metastable skyrmions by controlled doping. Physical Review B, 2019, 100, .	1.1	32
57	Measuring the formation energy barrier of skyrmions in zinc-substituted $\text{Cu}_{1-x}\text{Zn}_x\text{Mn}_2\text{O}_7$ . Physical Review B, 2019, 99, .	1.2	19
58	Surface resonance of the $(\sqrt{2}\times\sqrt{2})$ reconstructed lanthanum hexaboride (001)-cleavage plane: A combined STM and DFT study. Physical Review B, 2019, 100, .	1.1	4
59	Modular thermal Hall effect measurement setup for fast-turnaround screening of materials over wide temperature range using capacitive thermometry. Review of Scientific Instruments, 2019, 90, .	0.6	8
60	Field-Induced Transitions in Highly Frustrated SrHo <sub>2</sub> O <sub>4</sub> . Crystals, 2019, 9, 488.	1.0	5
61	Lattice dynamics and Raman spectrum of $\text{BaZrO}_3$ single crystals. Physical Review B, 2019, 100, .	1.2	25
62	Single crystal growth of $\text{BaZrO}_3$ from the melt at 2700 Å°C using optical floating zone technique and growth prospects from $\text{BaB}_2\text{O}_4$ flux at 1350 Å°C. CrystEngComm, 2019, 21, 502-512.	1.3	25
63	Single-Crystal Growth of Metallic Rare-Earth Tetraborides by the Floating-Zone Technique. Crystals, 2019, 9, 211.	1.0	7
64	Nuclear spin assisted quantum tunnelling of magnetic monopoles in spin ice. Nature Communications, 2019, 10, 1509.	5.8	9
65	Do Images of Biskyrmions Show Type-II Bubbles?. Advanced Materials, 2019, 31, e1806598.	11.1	73
66	Investigating the magnetic ground state of the skyrmion host material Cu <sub>2</sub> OSeO <sub>3</sub> using long-wavelength neutron diffraction. AIP Advances, 2019, 9, 125228.	0.6	0
67	Symmetries of modes in Ni <sub>3</sub> V <sub>2</sub> O <sub>8</sub> : Polarized Raman spectroscopy and ab initio phonon calculations. Journal of Raman Spectroscopy, 2019, 50, 587-594.	1.2	17
68	Structural and magnetic properties of $\text{GdCo}_5$ . Physical Review Materials, 2019, 3, .	1.0	1
69	Fermi surfaces in Kondo insulators. Journal of Physics Condensed Matter, 2018, 30, 16LT01.	0.7	35
70	Calculating the Magnetic Anisotropy of Rare-Earth-Transition-Metal Ferrimagnets. Physical Review Letters, 2018, 120, 097202.	2.9	34
71	Direct observation of attractive skyrmions and skyrmion clusters in the cubic helimagnet $\text{Cu}_{1-x}\text{Zn}_x\text{Mn}_2\text{O}_7$ . Physical Review B, 2018, 97, .	1.2	16
72	Magnetisation process in the rare earth tetraborides, NdB <sub>4</sub> and HoB <sub>4</sub> . Scientific Reports, 2018, 8, 232.	1.6	27

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73	Manifolds of magnetic ordered states and excitations in the almost Heisenberg pyrochlore antiferromagnet $MgCr_2O_4$ . Physical Review B, 2018, 97, .	1.1	14
74	Experimental signatures of emergent quantum electrodynamics in $Pr_2Hf_2O_7$ . Nature Physics, 2018, 14, 711-715.	6.5	62
75	Fermi surface in the absence of a Fermi liquid in the Kondo insulator $SmB_6$ . Nature Physics, 2018, 14, 166-172.	6.5	81
76	Electron-irradiation induced defects in $Yb_2Ti_2O_7$ . Acta Materialia, 2018, 143, 291-297.	3.8	11
77	Evidence for dynamic kagome ice. Nature Communications, 2018, 9, 3786.	5.8	25
78	Time-Reversal Symmetry Breaking in Re-Based Superconductors. Physical Review Letters, 2018, 121, 257002.	2.9	67
79	Superconducting and normal-state properties of the noncentrosymmetric superconductor $Re_3B_5$ . Physical Review B, 2018, 98, .	1.1	54
80	Multigap superconductivity in chiral noncentrosymmetric $TaRh_2B_2$ . Physical Review B, 2018, 98, .	1.1	16
81	Pauling Entropy, Metastability, and Equilibrium in $Dy_2O_7$ . Physical Review Letters, 2018, 121, 067202.	2.9	17
82	Coupling between Spin and Charge Order Driven by Magnetic Field in Triangular Ising System $LuFe_2O_4$ . Crystals, 2018, 8, 88.	1.0	3
83	Field-induced canting of magnetic moments in $GdCo_5$ at finite temperature: first-principles calculations and high-field measurements. Journal of Physics Condensed Matter, 2018, 30, 32LT01.	0.7	4
84	Temperature and field dependence of the intrinsic tunnelling structure in overdoped $Bi_2Sr_2CaCu_2O_{8+\delta}$ . Physical Review B, 2018, 98, .	1.1	5
85	Magnetic phases of skyrmion-hosting $GaV_4S_8$ . Physical Review B, 2018, 98, .		

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91	Growth of YbFe <sub>2</sub> O <sub>4</sub> single crystals exhibiting long-range charge order via the optical floating zone method. Journal of Crystal Growth, 2017, 475, 44-48. Atomic structure study of the pyrochlore $\text{YbFe}_2\text{O}_4$ . xmlns:mml="http://www.w3.org/1998/Math/MathML" <mml:mrow><mml:mi mathvariant="normal">Y</mml:mi><mml:msub><mml:mi mathvariant="normal">b</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">T</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>	0.7	6
92	Evolution of spin correlations in $\text{YbFe}_2\text{O}_4$ . xmlns:mml="http://www.w3.org/1998/Math/MathML" <mml:msub><mml:mi mathvariant="normal">SrDy</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math> in an applied magnetic field. Physical Review B, 2017, 95, .	1.1	26
93	Suppression of magnetic excitations near the surface of the topological Kondo insulator $\text{SmB}_6$ . xmlns:mml="http://www.w3.org/1998/Math/MathML" <mml:msub><mml:mi>SmB</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math> Physical Review B, 2017, 95, .	1.1	15
94	Field-induced magnetic states in holmium tetraboride. Physical Review B, 2017, 95, .	1.1	15
96	Coulomb spin liquid in anion-disordered pyrochlore Tb <sub>2</sub> Hf <sub>2</sub> O <sub>7</sub> . Nature Communications, 2017, 8, 892.	5.8	40
97	Terahertz Spectra Revealing the Collective Excitation Mode in Charge-Density-Wave Single Crystal LuFe <sub>2</sub> O <sub>4</sub> . Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700177.	1.2	3
98	Superconducting and normal-state properties of the noncentrosymmetric superconductor $\text{Re}_2\text{Te}_7$ . xmlns:mml="http://www.w3.org/1998/Math/MathML" <mml:mrow><mml:msub><mml:mi>Re</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review B, 2017, 96, .	1.6	16
99	Signatures of the Kondo effect in VSe <sub>2</sub> . Scientific Reports, 2017, 7, 10964.	1.6	52
100	Probing the interplay between surface and bulk states in the topological Kondo insulator $\text{SmB}_6$ by conductance fluctuation spectroscopy. Physical Review B, 2017, 95, .	1.1	16
101	Disorder and Quantum Spin Ice. Physical Review X, 2017, 7, .	2.8	26
102	Rare-earth/transition-metal magnetic interactions in pristine and (Ni,Fe)-doped $\text{YCo}_5$ and $\text{GdCo}_5$ . xmlns:mml="http://www.w3.org/1998/Math/MathML" <mml:mi>YCo</mml:mi><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" <mml:mi>GdCo</mml:mi><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Materials, 2017, 1, .	0.9	31
103	Zirconate Pyrochlore Frustrated Magnets: Crystal Growth by the Floating Zone Technique. Crystals, 2016, 6, 79.	1.0	27
104	Spin-valley locking in the normal state of a transition-metal dichalcogenide superconductor. Nature Communications, 2016, 7, 11711.	5.8	85
105	SnTe microcrystals: Surface cleaning of a topological crystalline insulator. Applied Physics Letters, 2016, 108, .	1.5	12
106	Bulk crystal growth and surface preparation of NiSb, MnSb, and NiMnSb. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2016, 34, .	0.6	3
107	Critical behavior study of $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ and $\text{Nd}_{1-x}\text{Sr}_x\text{MnO}_3$ with $x = 1/2$ . Journal of Alloys and Compounds, 2016, 682, 825-831.	2.8	8
108	Observation of magnetic fragmentation in spin ice. Nature Physics, 2016, 12, 746-750.	6.5	117

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109	Candidate quantum spin ice in the pyrochlore $\text{Pr}_2\text{O}_7$ . Physical Review B, 2016, 94, .	1.1	52
110	Magnetic properties of a $\text{LuVO}_3$ single crystal studied by magnetometry, heat capacity and neutron diffraction. Journal of Science: Advanced Materials and Devices, 2016, 1, 174-178.	1.5	4
111	Observation of surface states on heavily indium-doped $\text{SnTe}(111)$ , a superconducting topological crystalline insulator. Physical Review B, 2016, 93, .	1.1	27
112	Magnetic properties and crystal field in $\text{Pr}_2\text{O}_7$ . Physical Review B, 2016, 94, .	1.1	16
113	$\text{Pr}_2\text{Zr}_2\text{O}_7$ . Physical Review B, 2016, 94, .	1.1	44
114	Experimental signature of the attractive Coulomb force between positive and negative magnetic monopoles in spin ice. Nature Physics, 2016, 12, 661-666.	6.5	32
115	Evolution of correlated electron behavior from the surface to the bulk in $\text{Sr}_x\text{Ca}_{1-x}\text{VO}_3$ . Materials Research Society Symposia Proceedings, 2015, 1730, 1.	0.1	0
116	Evidence of double-gap superconductivity in noncentrosymmetric $\text{Nb}_x\text{Ta}_{1-x}\text{O}_{1.8}$ crystals. Physical Review B, 2015, 91, .	1.1	26
117	Robust local and nonlocal transport in the topological Kondo insulator $\text{Sb}_2\text{Te}_3$ in the presence of a high magnetic field. Physical Review B, 2015, 92, .	1.1	11
118	Enhanced electron correlations at the $\text{Sr}_2\text{IrO}_7$ . Physical Review B, 2015, 91, .	1.1	11
119	Transverse field muon-spin rotation signature of the skyrmion-lattice phase in $\text{La}_2\text{CuO}_4$ . Physical Review B, 2015, 91, .	1.1	18
120	Unconventional Superconductivity in $\text{La}_2\text{O}_7$ by Muon Spin Relaxation: Introducing a New Family of Noncentrosymmetric Superconductor That Breaks Time-Reversal Symmetry. Physical Review Letters, 2015, 115, 267001.	2.9	100
121	Anomalies of a topologically ordered surface. Scientific Reports, 2015, 5, 10260.	1.6	15
122	Exceptional surface and bulk electronic structures in a topological insulator, $\text{Bi}_2\text{Se}_3$ . Scientific Reports, 2015, 5, 17351.	1.6	17
123	Study of phase coexistence in $\text{YVO}_3$ and $\text{LaVO}_3$ . Journal of Raman Spectroscopy, 2015, 46, 1157-1160.	1.2	10
124	Structural and magnetic investigations of single-crystalline neodymium zirconate pyrochlore $\text{Nd}_2\text{O}_7$ . Physical Review B, 2015, 91, .	1.1	17
125	Fluctuation-Driven $\text{Al}^{3+}$ Out-Ordering in Dipole-Octupole $\text{Zr}_2\text{O}_7$ . Physical Review Letters, 2015, 115, 267001.	2.9	179
126	Magnetic excitation spectrum of $\text{LuFe}_2\text{O}_4$ measured with inelastic neutron scattering. Physical Review B, 2015, 91, .	1.1	16



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127	Quality Heterostructures from Two-Dimensional Crystals Unstable in Air by Their Assembly in Inert Atmosphere. Nano Letters, 2015, 15, 4914-4921.	4.5	358
128	Paramagnetic magnetization signals and curious metastable behaviour in field-cooled magnetization of a single crystal of superconductor 2H-NbSe <sub>2</sub> . Journal of Physics Condensed Matter, 2015, 27, 295701.	0.7	2
129	Three-dimensional Ising critical behavior in $R_{1-x}M_xO_{3-\delta}$ $R = S, Mn$		

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145	Infrared phonon spectrum of the tetragonal helimagnet Ba <sub>2</sub> CuGe <sub>2</sub> O <sub>7</sub> . Physical Review B, 2014, 90, .	1.1	5
146	Probing the superconducting ground state of the noncentrosymmetric superconductors CaTi <sub>3</sub> Si <sub>3</sub> O <sub>10</sub> (IETQ0010) and BaTi <sub>3</sub> O <sub>10</sub> (muon-spin relaxation and rotation. Physical Review B, 2014, 90, .		
147	Impact of the various spin- and orbital-ordering processes on the multiferroic properties of orthovanadate DyVO <sub>3</sub> . Physical Review B, 2014, 90, .	1.1	16
148	Crystal growth and characterization of the non-centrosymmetric antiferromagnet Ba <sub>2</sub> CuGe <sub>2</sub> O <sub>7</sub> . Journal of Crystal Growth, 2014, 404, 223-230.	0.7	5
149	First-order magnetic transition in Yb <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> . Physical Review B, 2014, 89, .	1.1	42
150	Structural and magnetic properties of single-crystals of the geometrically frustrated zirconium pyrochlore, Pr <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> . Materials Research Express, 2014, 1, 026109.	0.8	14
151	Superconducting properties of Sn <sub>1-x</sub> In <sub>x</sub> Te. Physical Review B, 2014, 90, .		

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163	Phase coexistence and magnetically tuneable polarization in cycloidal multiferroics. Physical Review B, 2013, 88, .	1.1	14
164	Complex spectral evolution in a BCS superconductor, ZrB12. Scientific Reports, 2013, 3, 3342.	1.6	18
165	The ac Josephson relation and inhomogeneous temperature distributions in large Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> +I <sup>-</sup> mesas for THz emission. Superconductor Science and Technology, 2013, 26, 085016.	1.8	20
166	Neutron scattering and muon spin relaxation measurements of the noncentrosymmetric antiferromagnet $\text{CeCoGe}$ . Physical Review B, 2013, 88, .	1.1	49
167	Electronic structure of two types of short-range order. Physical Review B, 2013, 88, .	1.1	35
168	k-resolved susceptibility function of 2H-TaSe <sub>2</sub> from angle-resolved photoemission. Physical Review B, 2013, 87, .	1.1	25
169	Juxtaposition of spin freezing and long range order in a series of geometrically frustrated antiferromagnetic gadolinium garnets. Physical Review B, 2013, 87, .	1.1	26
170	Electronic structure of the Kagome staircase compounds Ni <sub>3</sub> V <sub>2</sub> O <sub>7</sub> . Physical Review B, 2013, 87, .	1.1	28
171	Evidence of bulk nature of the Kondo effect and different surface potentials in CeB <sub>6</sub> . , 2013, , .		4
172	Low-temperature muon spin rotation studies of the monopole charges and currents in Y doped Ho <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> . Scientific Reports, 2013, 3, 1881.	1.6	10
173	Crossover from more to less ordered vortex state on field-cooling a weakly pinned crystal of Ca <sub>3</sub> Rh <sub>4</sub> Sn <sub>13</sub> . , 2013, , .		0
174	Multiferroic oxides: Growth of single crystals and investigation of their magnetic, dielectric and ferroelectric properties. , 2013, , .		0
175	Electronic structure of a superconducting boride, ZrB12. , 2012, , .		0
176	Magnetic phases in a Gd <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> pyrochlore for a field applied along the [100]axis. Physical Review B, 2012, 85, .	1.1	13
177	First-Order Reorientation Transition of the Flux-Line Lattice in CaAlSi. Physical Review Letters, 2012, 108, 077001.	2.9	5
178	Is CeCoSi <sub>3</sub> a superconductor?. Journal of Physics: Conference Series, 2012, 391, 012068.	0.3	2
179	Magnetisation Studies of Geometrically Frustrated Antiferromagnets Sr <sub>2</sub> Ln <sub>2</sub> O <sub>4</sub> , with Ln = Er, Dy, and Ho. Journal of the Physical Society of Japan, 2012, 81, 024708.	0.7	30
180	Emergent quantum confinement at topological insulator surfaces. Nature Communications, 2012, 3, 1159.	5.8	235

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181	Crystal growth of the non-centrosymmetric superconductor Nb <sub>0.18</sub> Re <sub>0.82</sub> . Journal of Crystal Growth, 2012, 361, 129-131.	0.7	11
182	Raman scattering study of delafossite magnetoelectric multiferroic compounds: CuFeO <sub>2</sub> and CuCrO <sub>2</sub> . Journal of Physics Condensed Matter, 2012, 24, 036003.	0.7	66
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