Dharmalingam Prabhakaran

List of Publications by Year
in descending order

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157 papers	7,336 citations	81900 39 h-index	56724 83 g-index
159 all docs	159 docs citations	159 times ranked	8673 citing authors

#	Article	IF	Citations
1	A stable three-dimensional topological Dirac semimetal Cd3As2. Nature Materials, 2014, 13, 677-681.	27.5	1,242
2	Weyl semimetal phase in the non-centrosymmetric compound TaAs. Nature Physics, 2015, 11, 728-732.	16.7	796
3	Quantum Criticality in an Ising Chain: Experimental Evidence for Emergent E ₈ Symmetry. Science, 2010, 327, 177-180.	12.6	528
4	Magnetic Coulomb Phase in the Spin Ice Ho ₂ Ti ₂ O ₇. Science, 2009, 326, 415-417.	12.6	485
5	Linear Magnetoresistance Caused by Mobility Fluctuations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>n</mml:mi></mml:math>-Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Cd</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></ Physical Review Letters, 2015, 114, 117201.	7.8	306
6	Evolution of the Fermi surface of Weyl semimetals in the transition metal pnictide family. Nature Materials, 2016, 15, 27-31.	27.5	245
7	Photocatalytic water splitting by N-TiO2 on MgO (111) with exceptional quantum efficiencies at elevated temperatures. Nature Communications, 2019, 10, 4421.	12.8	151
8	Structural and Optical Properties of Cs₂AgBiBr₆ Double Perovskite. ACS Energy Letters, 2019, 4, 299-305.	17.4	146
9	Creation and measurement of long-lived magnetic monopole currents in spin ice. Nature Physics, 2011, 7, 252-258.	16.7	126
10	Experimental study of the interfacial cobalt oxide in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mtext>Co</mml:mtext><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mtex Physical Review B, 2009, 80, .	3.2	102
11	Polarizing an antiferromagnet by optical engineering of the crystal field. Nature Physics, 2020, 16, 937-941.	16.7	99
12	Vacancy defects and monopole dynamics in oxygen-deficient pyrochlores. Nature Materials, 2014, 13, 488-493.	27.5	81
13	All-in€" all-Out Magnetic Order and Propagating Spin Waves in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sm</mml:mi></mml:mrow><mml:mrow><mml:mn mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:msub></mml:mrow></	7.8	78
14	Quasiparticle Breakdown and Spin Hamiltonian of the Frustrated Quantum Pyrochlore<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Yb</mml:mi></mml:mrow><mml:mrow><mml:mn mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:. Physical Review Letters, 2017, 119, 057203.	7.8	78
15	Antiferromagnetic order and domains in Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">La</mml:mi><mml:mi mathvariant="normal">Co</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>at room temperatureAb Initio calculations and high-resolution photoemission spectroscopy of	3.2	73
16	Antiferromagnetic order and domains in Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Ir<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow	3.2	71
17	Critical behavior in single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.67</mml:mn></m Physical Review B, 2010, 82, .	3.2	68
18	The full magnon spectrum of yttrium iron garnet. Npj Quantum Materials, 2017, 2, .	5.2	66

#	Article	IF	Citations
19	Anisotropic Local Modification of Crystal Field Levels in Pr-Based Pyrochlores: A Muon-Induced Effect Modeled Using Density Functional Theory. Physical Review Letters, 2015, 114, 017602.	7.8	61
20	Brownian motion and quantum dynamics of magnetic monopoles in spin ice. Nature Communications, 2013, 4, 1535.	12.8	60
21	Resonant soft x-ray scattering investigation of orbital and magnetic ordering inLa0.5Sr1.5MnO4. Physical Review B, 2005, 71, .	3.2	58
22	Witnessing the formation and relaxation of dressed quasi-particles in a strongly correlated electron system. Nature Communications, 2014, 5, 5112.	12.8	58
23	High-temperature electromagnons in the magnetically induced multiferroic cupric oxide driven by intersublattice exchange. Nature Communications, 2014, 5, 3787.	12.8	57
24	Hall effect in charged conducting ferroelectric domain walls. Nature Communications, 2016, 7, 13764.	12.8	57
25	Critical behavior of the paramagnetic to antiferromagnetic transition in orthorhombic and hexagonal phases of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math>MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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37	Growth of large La2â€“xSrxNiO4+Î´ single crystals by the floating-zone technique. Journal of Crystal Growth, 2002, 237-239, 815-819.	1.5	40
38	Restoration of the third law in spin ice thin films. Nature Communications, 2014, 5, 3439.	12.8	40
39	Single-gap superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î²</mml:mi><mml:mtext>â€²</mml:mtext><mml:mi mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Pd</mml:mi></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	40
40	Electric field control of chiral magnetic domains in the high-temperature multiferroic CuO. Physical Review B, 2012, 85, .	3.2	38
41	Order-by-disorder from bond-dependent exchange and intensity signature of nodal quasiparticles in a honeycomb cobaltate. Nature Communications, 2021, 12, 3936.	12.8	38
42	2D photocatalysts with tuneable supports for enhanced photocatalytic water splitting. Materials Today, 2020, 41, 34-43.	14.2	36
43	Magnetic and electronic structure of Dirac semimetal candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>EuMnSb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo></mml:mo></mml:math>. Physical Review B, 2019, 100, .	3.2	35
44	Preparation of large single crystals of ANb2O6 (A=Ni, Co, Fe, Mn) by the floating-zone method. Journal of Crystal Growth, 2003, 250, 72-76.	1.5	33
45	Single crystal growth of Zn-doped CuO by the floating-zone method. Journal of Crystal Growth, 2003, 250, 77-82.	1.5	33
46	Terahertz spectroscopy of anisotropic materials using beams with rotatable polarization. Scientific Reports, 2017, 7, 12337.	3.3	33
47	Experimental signature of the attractive Coulomb force between positive and negative magnetic monopoles in spin ice. Nature Physics, 2016, 12, 661-666.	16.7	32
48	Fe on molecular-layer MoS2 as inorganic Fe-S2-Mo motifs for light-driven nitrogen fixation to ammonia at elevated temperatures. Chem Catalysis, 2021, 1, 162-182.	6.1	32
49	Charge order, enhanced orbital moment, and absence of magnetic frustration in layered multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LuFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:mo></mml:mo></mml:math>. Physical Review B, 2009, 80, .	3.2	31
50	Low-moment magnetism in the double perovskites Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>M</mml:mi></mml:math>OsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn></mml:mn></mml:msub></mml:math>.	3.2	31
51	Mechanism of spin crossover in LaCoO3 resolved by shape magnetostriction in pulsed magnetic fields. Scientific Reports, 2014, 4, 7003.	3.3	31
52	Doping Dependence of Collective Spin and Orbital Excitations in the Spin-1 Quantum Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>La</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mn></mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2017, 118, 156402.	7.8	31
53	Magnetism in Geometrically FrustratedYMnO3under Hydrostatic Pressure Studied with Muon Spin Relaxation. Physical Review Letters, 2007, 98, 197203.	7.8	28
54	Magnetic spectrum of the two-dimensional antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> by inelastic neutron scattering. Physical Review B, 2010, 82, .	3.2	28

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55	Role of defects in determining the magnetic ground state of ytterbium titanate. Nature Communications, 2019, 10, 637.	12.8	28
56	Stripe order and magnetic transitions inLa2â^'xSrxNiO4. Physical Review B, 2004, 70, .	3.2	27
57	Folded superstructure and degeneracy-enhanced band gap in the weak-coupling charge density wave system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi><mml:mo>â^'</mml:mo> Physical Review B, 2018, 97, .	3.2	27
58	Pauling Entropy, Metastability, and Equilibrium in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Dy</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2018, 121, 067202.	7.8	27
59	Avoided quasiparticle decay and enhanced excitation continuum in the spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml near-Heisenberg triangular antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub>. Physical Review B, 2020, 102, .	3.2	27
60	Intermediate magnetization state and competing orders in Dy2Ti2O7 and Ho2Ti2O7. Nature Communications, 2016, 7, 12592.	12.8	26
61	Spin-orbit excitons in CoO. Physical Review B, 2019, 100, .	3.2	25
62	Pressure- and temperature-induced spin-state transition in single-crystallineLa1â^'xSrxCoO3(x=0.10and) Tj ETQq0 0 0 rgBT /Overlock 10	3.2	23
63	Helical scattering signatures of strain and electronic textures in YbFe <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math> from three-dimensional reciprocal-space imaging. Physical Review B, 2018, 97, .	3.2	22
64	Magnetic ground state and magnon-phonon interaction in multiferroic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>h</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mi mathvariant="normal">YMnO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2018, 97, .	3.2	22
65	Magnetization ofLa2â^'xSrxNiO4+Î´(0â©½xâ©½0.5): Spin-glass and memory effects. Physical Review B, 2006, 73, .	3.2	21
66	Photoinduced melting of the orbital order in La <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>Sr <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub></mml:math>MnO <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	21
67	Neutron scattering investigation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>d</mml:mi><mml:mo>â^'</mml:mo><mml:mi>d</mml:mi></mml:mrow></mml:math> excitation below the Mott gap of CoO. Physical Review B, 2013, 88, .	3.2	21
68	Crystal field splitting inSrn+1IrnO3n+1(n=1,2)iridates probed by x-ray Raman spectroscopy. Physical Review B, 2014, 90, .	3.2	21
69	Unconventional magnetism on a honeycomb lattice in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^'</mml:mo> by muon spin rotation. Physical Review B, 2016, 94, .	3.2	21
70	Bulk single crystal growth and magnetic studies of La1â^'xSrxCoO3+Î´. Journal of Crystal Growth, 2005, 275, e827-e832.	1.5	20
71	Magnetic and ferroelectric orderings in multiferroic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">NaFeO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	3.2	20
72	Magnetic and electronic structure of the layered rare-earth pnictide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">EuCd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	3.2	20

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73	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCd</mml:mi><mml:mn>2</mml:mn></ and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCd</mml:mi><mml:mn>2</mml:mn></ Physical Review B, 2020, 102, .	3.2	20
74	Local matrix-cluster interactions in a phase separated perovskite. Physical Review B, 2006, 74, .	3.2	19
75	Terahertz field control of in-plane orbital order in La0.5Sr1.5MnO4. Nature Communications, 2015, 6, 8175.	12.8	19
76	Crystallographic, Optical, and Electronic Properties of the Cs2AgBi1â€“xInxBr6 Double Perovskite: Understanding the Fundamental Photovoltaic Efficiency Challenges. ACS Energy Letters, 2021, 6, 1073-1081.	17.4	19
77	Incommensurate charge stripe ordering inLa2â^'xSrxNiO4forx=(0.33,0.30,0.275). Physical Review B, 2004, 70, .	3.2	17
78	Bilayer splitting and wave functions symmetry in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>Sr</mml:mtext><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2014, 89, .	3.2	17
79	Tuning order-by-disorder multiferroicity in CuO by doping. Physical Review B, 2014, 90, .	3.2	17
80	Disentangling orbital and spin exchange interactions for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Co</mml:mi></mml:mrow> on a rocksalt lattice. Physical Review B, 2018, 98, .	3.2	17
81	Quantum oscillations probe the Fermi surface topology of the nodal-line semimetal CaAgAs. Physical Review Research, 2020, 2, .	3.6	17
82	Direct evidence for charge stripes in a layered cobalt oxide. Nature Communications, 2016, 7, 11632.	12.8	16
83	High-temperature onset of field-induced transitions in the spin-ice compound Dy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Ti<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	15
84	Unusual field dependence of spin fluctuations on different timescales in Tb2Ti2O7. Physical Review B, 2012, 86, .	3.2	15
85	Stripe disorder and dynamics in the hole-doped antiferromagnetic insulator La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>5</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>CoO<	3.2	15
86	Fragmented monopole crystal, dimer entropy, and Coulomb interactions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Dy</mml:mi><mml:mn>2</mml:mn></ mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Research, 2020, 2, .	3.6	15
87	Phase separation, memory effects, and magnetization steps in single crystallineLa1.1Sr1.9Mn2O7. Physical Review B, 2006, 74, .	3.2	14
88	Single-crystal growth of La2â^'2x Sr1+2x Mn2O7 under pressure. Journal of Materials Science: Materials in Electronics, 2003, 14, 587-589.	2.2	13
89	Persistent dynamics in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn> chain compound Rb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />		

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91	Laser-induced charge-disproportionated metallic state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">LaCoO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	13
92	Phase transitions in few-monolayer spin ice films. Nature Communications, 2019, 10, 1219.	12.8	13
93	Magnetic monopole density and antiferromagnetic domain control in spin-ice iridates. Nature Communications, 2022, 13, 444.	12.8	13
94	Dynamic behavior of magnetic avalanches in the spin-ice compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Dy</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Ti</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:math>. Physical Review B, 2014, 90, .	3.2	12
95	Crystal growth of pyrochlore rare-earth stannates. Journal of Crystal Growth, 2017, 468, 335-339.	1.5	12
96	Thermal Diffusivity of La1-xSrxMnO3(x < 0.3). International Journal of Thermophysics, 2004, 25, 1269-1279.	2.1	11
97	Effect of uniaxial pressure on charge transport in the layered manganiteLa1.25Sr1.75Mn2O7. Physical Review B, 2006, 73, .	3.2	11
98	Thermally induced rotation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:math>orbital stripes in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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109	Hour-glass magnetic spectrum arising from a striped cluster spin-glass ground state in La1.75Sr0.25CoO4. Physical Review B, 2013, 88, .	3.2	8
110	Layer-by-layer epitaxial thin films of the pyrochlore Tb₂Ti₂O₇. Nanotechnology, 2017, 28, 055708.	2.6	8
111	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeTi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math> : A spin Jahn-Teller transition enhanced by cation substitution. Physical Review B, 2019, 100, .	3.2	7
112	Multi-mode excitation drives disorder during the ultrafast melting of a C4-symmetry-broken phase. Nature Communications, 2022, 13, 238.	12.8	7
113	Resonant x-ray scattering from the4pquadrupole moment inYVO3. Physical Review B, 2010, 82, .	3.2	6
114	Low-energy quasi-one-dimensional spin dynamics in charge-ordered La2âˆ'xSrxNiO4. Physical Review B, 2011, 83, .	3.2	6
115	Magnetic excitation spectrum of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">LuFe</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml:msub></mml:math>measured with inelastic neutron scattering. Physical Review B, 2015, 91, .	3.2	6
116	A new topological insulator built from quasi one-dimensional atomic ribbons. Physica Status Solidi - Rapid Research Letters, 2015, 9, 130-135.	2.4	6
117	Magnetic excitations of the charge stripe electrons below half doping in La2âˆ'xSrxNiO4 (xÂ=Â0.45,Â0.4). Physical Review B, 2017, 95, .	3.2	6
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