Martin R Lees

List of Publications by Year
in descending order

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288	7,794	57758	82547
papers	citations	44 h-index	72 g-index

299	299	299	6994
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantum muon diffusion and the preservation of time-reversal symmetry in the superconducting state of type-I rhenium. Physical Review B, 2022, 105, .	3.2	3
2	Magnetic monopole density and antiferromagnetic domain control in spin-ice iridates. Nature Communications, 2022, 13, 444.	12.8	13
3	Comparative study of the structural and magnetic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></ mathvariant="normal">NbS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Co</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>	2.4	9
4	Giant topological and planar Hall effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mrow><mml:mn> Physical Review Research, 2022, 4, .	3.6	13
5	Fe^{III} in a high-spin state in bis(5-bromosalicylaldehyde) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 592 Td (4-ethylthiose monohydrate, the first example of such a cationic Fe^{III} complex unit. Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 63-69.	0.5	2
6	Magnetism in the NÃ©el-skyrmion host <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GaV</mml:mi><mml:mn>4</mml:mn></ mathvariant="normal">S</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math> under pressure. Physical Review B, 2022, 105, .	3.2	1
7	Nodeless time-reversal symmetry breaking in the centrosymmetric superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sc</mml:mi><mml:mn>5</mml:mn></ probed by muon-spin spectroscopy. Physical Review Materials, 2022, 6, .	2.4	3
8	Evidence for the coexistence of time-reversal symmetry breaking and Bardeen-Cooper-Schrieffer-like superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>La</mml:mi></mml:mrow><mml:mn>7</mml:mn></ Physical Review B, 2021, 103, .	3.2	8
9	Pairing symmetry of an intermediate valence superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeIr</mml:mi><mml:mn>3</mml:mn></mml:msub></ investigated using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î¼</mml:mi><mml:mi>SR</mml:mi></mml:mrow></ measurements. Physical Review B, 2021, 103, .	3.2	10
10	An Interactive Pain Application (MServ) Improves Postoperative Pain Management. Pain Research and Management, 2021, 2021, 1-12.	1.8	2
11	Probing the superconducting gap structure in the noncentrosymmetric topological superconductor ZrRuAs. Physical Review B, 2021, 103, .	3.2	12
12	Orbital effects and Affleck-Haldane-type spin dimerization in Ba4Ru3O10. Physical Review B, 2021, 103, .	3.2	1
13	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.	7.9	4
14	Chiral singlet superconductivity in the weakly correlated metal LaPt3P. Nature Communications, 2021, 12, 2504.	12.8	21
15	Investigation of the magnetic ground state of GaV₄S₈ using powder neutron diffraction. Journal of Physics Condensed Matter, 2021, 33, 255802.	1.8	3
16	Magnetic structure investigation of the intercalated transition metal dichalcogenide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></ mathvariant="normal">NbS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2021, 103, .	3.2	7
17	Stable Iron Oxide Nanoflowers with Exceptional Magnetic Heating Efficiency: Simple and Fast Polyol Synthesis. ACS Applied Materials & Interfaces, 2021, 13, 45870-45880.	8.0	28
18	Crossover from Kondo semiconductor to metallic antiferromagnet with 5d -electron doping in CeFe2Al10. Physical Review B, 2021, 104, .	3.2	1

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19	Effects of Fe Deficiency and Co Substitution in Polycrystalline and Single Crystals of Fe₃GeTe₂. Crystal Growth and Design, 2021, 21, 6786-6792.	3.0	7
20	Investigations of the size distribution and magnetic properties of nanoparticles of Cu2OSeO3. Materials Research Express, 2021, 8, 116101.	1.6	0
21	Anisotropic superconductivity and unusually robust electronic critical field in single crystal La7Ir3. Physical Review Materials, 2021, 5, .	2.4	0
22	Ir 5d-band derived superconductivity in LaIr₃. Journal of Physics Condensed Matter, 2020, 32, 065602.	1.8	7
23	Investigation of the transport, magnetic and flux pinning properties of the noncentrosymmetric superconductor TaRh2B2 under hydrostatic pressure. Physica C: Superconductivity and Its Applications, 2020, 571, 1353586.	1.2	6
24	Selective uptake of Ag(I) from aqueous solutions using ionic liquid-modified iron oxide nanoparticles. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	7
25	Establishing magneto-structural relationships in the solid solutions of the skyrmion hosting family of materials: GaV4S8â^'ySey. Scientific Reports, 2020, 10, 9813.	3.3	8
26	Structural, Magnetic, Magnetocaloric, and Magnetostrictive Properties of Pb_{1-x}Sr_xMnBO₄ (x = 0, 0.5, and 1.0). Chemistry of Materials, 2020, 32, 10184-10199.	6.7	16
27	Coexistence of type-I and type-II superconductivity signatures in ZrB12 probed by muon spin rotation measurements. Physical Review B, 2020, 102, .	3.2	13
28	Optical Floating Zone Crystal Growth of Rare-Earth Disilicates, R₂Si₂O₇ (R = Er, Ho, and Tm). Crystal Growth and Design, 2020, 20, 6636-6648.	3.0	10
29	Crystal Growth by the Floating Zone Method of Ce-Substituted Crystals of the Topological Kondo Insulator SmB6. Crystals, 2020, 10, 827.	2.2	3
30	Tunability of the spin reorientation transitions with pressure in NdCo5. Applied Physics Letters, 2020, 116, 102408.	3.3	2
31	(M,Ru)O₂ (M = Mg, Zn, Cu, Ni, Co) Rutiles and Their Use as Oxygen Evolution Electrocatalysts in Membrane Electrode Assemblies under Acidic Conditions. Chemistry of Materials, 2020, 32, 6150-6160.	6.7	17
32	Metallic iron in cornflakes. Food and Function, 2020, 11, 2938-2942.	4.6	2
33	Torque magnetometry study of the spin reorientation transition and temperature-dependent magnetocrystalline anisotropy in NdCo₅. Journal of Physics Condensed Matter, 2020, 32, 255802.	1.8	8
34	Ga2.52V2Â·48O7Â·33(OH)0.67, a synthetic member of the nolanite/akdalaite-type family of oxyhydroxides containing trivalent vanadium. Journal of Solid State Chemistry, 2020, 288, 121396.	2.9	0
35	Disorder-induced critical exponents near a ferromagnetic quantum critical point in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Si</mml:mi></mml:mrow></mml:math>.	3.2	8
36	Investigation of superconducting gap structure in HfIrSi using muon spin relaxation/rotation. Journal of Physics Condensed Matter, 2020, 32, 085601.	1.8	12

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37	Structure and magnetism of the skyrmion hosting family <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GaV</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>â¯</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:mrow></mml:math> with low levels of substitutions between <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mml. Physical Review Materials, 2020, 4, .	2.4	3
38	Near-ideal molecule-based Haldane spin chain. Physical Review Research, 2020, 2, .	3.6	9
39	Magnetism and NÃ©el skyrmion dynamics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GaV</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mtext>â¯</mml:mtext><mml:mi>y</mml:mi></mml:mrow></mml:mrow></mml:math> Physical Review Research, 2020, 2, .	3.6	9
40	Magnetic and structural changes in Cu1â¯xAlx alloy matrix â€“ Embedded Fe nanoparticle systems. Journal of Magnetism and Magnetic Materials, 2019, 471, 549-554.	2.3	4
41	Superconductivity and the upper critical field in the chiral noncentrosymmetric superconductor NbRh₂B₂. Journal of Physics Condensed Matter, 2019, 31, 465601.	1.8	10
42	Effect of different atmospheres on the synthesis of Ba2CuGe2O7 single crystals. European Physical Journal: Special Topics, 2019, 228, 703-712.	2.6	2
43	Magnetism and structure in nanocomposite Fe nanoparticle/Al matrix films. Journal of Alloys and Compounds, 2019, 807, 151653.	5.5	1
44	Determining the anisotropy and exchange parameters of polycrystalline spin-1 magnets. New Journal of Physics, 2019, 21, 093025.	2.9	7
45	Superconductivity in monocrystalline <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YNiSi</mml:mi><mml:mn>3</mml:mn></mml:msub> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LuNiSi</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2019, 99, .	3.2	7
46	Probing the superconducting ground state of ZrIrSi: A muon spin rotation and relaxation study. Physical Review B, 2019, 99, .	3.2	12
47	Single-Crystal Growth of Metallic Rare-Earth Tetraborides by the Floating-Zone Technique. Crystals, 2019, 9, 211.	2.2	7
48	Iron Carbide@Carbon Nanocomposites: A Tool Box of Functional Materials. Materials, 2019, 12, 323.	2.9	9
49	Structural and magnetic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GdCo</mml:mi><mml:mn>5</mml:mn></mml:msub> Physical Review Materials, 2019, 3, .	2.4	8
50	Calculating the Magnetic Anisotropy of Rare-Earthâ€“Transition-Metal Ferrimagnets. Physical Review Letters, 2018, 120, 097202.	7.8	34
51	Low temperature magnetic properties of Nd₂Ru₂O₇. Journal of Physics Condensed Matter, 2018, 30, 155601.	1.8	9
52	Magnetisation process in the rare earth tetraborides, NdB4 and HoB4. Scientific Reports, 2018, 8, 232.	3.3	27
53	Electron-irradiation induced defects in Yb2Ti2.05O7. Acta Materialia, 2018, 143, 291-297.	7.9	11
54	Evidence for dynamic kagome ice. Nature Communications, 2018, 9, 3786.	12.8	25

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55	Superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ru</mml:mi><mml:mrow><mml:mn>0.55</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">P</mml:mi></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ru</mml:mi><mml:mrow><mml:mn>0.75</mml:mn></mml:mrow></mml:msub> Physical Review B, 2018, 98, .	3.2	4
56	Superconducting and normal-state properties of the noncentrosymmetric superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Re</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2018, 98, .	3.2	54
57	Multigap superconductivity in chiral noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>TaRh</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	3.2	16
58	Field-induced canting of magnetic moments in GdCo5 at finite temperature: first-principles calculations and high-field measurements. Journal of Physics Condensed Matter, 2018, 30, 32LT01.	1.8	4
59	Origin of skyrmion lattice phase splitting in Zn-substituted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cu</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review Materials, 2018, 2, .	2.4	21
60	Single crystal growth, structure and magnetic properties of Pr₂Hf₂O₇pyrochlore. Journal of Physics Condensed Matter, 2017, 29, 075902.	1.8	11
61	Synthesis and magnetic characterisation of Fe_{1â^'x}Mg_xSb₂O₄ (x = 0.25, 0.50, 0.75) and their oxygen-excess derivatives, Fe_{1â^'x}Mg_xSb₂O_{4+y}. Journal of Materials Chemistry C, 2017, 5, 4985-4995.	5.5	5
62	Electric field controlled magnetization and charge-ordering in Pr 0.6 Ca 0.4 MnO 3. Materials Chemistry and Physics, 2017, 194, 142-146.	4.0	10
63	Nodal Superconducting Gap Structure in the Quasi-One-Dimensional Cs₂Cr₃As₃ Investigated Using Î¼SR Measurements. Journal of the Physical Society of Japan, 2017, 86, 044710.	1.6	36
64	Atomic structure study of the pyochlore<mml:math 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">i</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	3.2	26
65	Magnetic zeolites: novel nanoreactors through radiofrequency heating. Chemical Communications, 2017, 53, 4262-4265.	4.1	17
66	Colossal Terahertz Magnetoresistance at Room Temperature in Epitaxial La_{0.7}Sr_{0.3}MnO₃ Nanocomposites and Single-Phase Thin Films. Nano Letters, 2017, 17, 2506-2511.	9.1	23
67	Suppression of magnetic excitations near the surface of the topological Kondo insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SmB</mml:mi><mml:mn>6</mml:mn></mml:msub> Physical Review B, 2017, 95, .	3.2	14
68	The enhancement of direct amide synthesis reaction rate over TiO 2 @SiO 2 @NiFe 2 O 4 magnetic catalysts in the continuous flow under radiofrequency heating. Journal of Catalysis, 2017, 355, 120-130.	6.2	38
69	Publisher's Note: Superconducting and normal-state properties of the noncentrosymmetric superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Re</mml:mi><mml:mn>6</mml:mn></mml:msub><mml:mi mathvariant="bold">Zr</mml:mi></mml:mrow></mml:math> [Phys. Rev. B 96, 064521 (2017)]. Physical Review B, 2017, 96, .	3.2	3
70	Superconducting and normal-state properties of the noncentrosymmetric superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Re</mml:mi><mml:mn>6</mml:mn></mml:msub> Physical Review B, 2017, 96, .	3.2	40
71	Signatures of the Kondo effect in VSe2. Scientific Reports, 2017, 7, 10964.	3.3	52
72	Magnetic frustration in rare earth zirconate pyrochlores. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C827-C827.	0.1	0

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73	Magnetic excitations in the ground state of Yb2Ti2O7. Physical Review B, 2017, 96, .	3.2	14
74	Rare-earth/transition-metal magnetic interactions in pristine and (Ni,Fe)-doped <mml:math 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, .	2.4	31
75	Structural and magnetic investigations of new skyrmion phases. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C826-C826.	0.1	0
76	Self-Managing Postoperative Pain with the Use of a Novel, Interactive Device: A Proof of Concept Study. Pain Research and Management, 2016, 2016, 1-6.	1.8	6
77	Zirconate Pyrochlore Frustrated Magnets: Crystal Growth by the Floating Zone Technique. Crystals, 2016, 6, 79.	2.2	27
78	Robust singlet dimers with fragile ordering in two-dimensional honeycomb lattice of Li2RuO3. Scientific Reports, 2016, 6, 25238.	3.3	29
79	Ba4Ru3O10.2(OH)1.8: a new member of the layered hexagonal perovskite family crystallised from water. Chemical Communications, 2016, 52, 6375-6378.	4.1	10
80	Observation of magnetic fragmentation in spin ice. Nature Physics, 2016, 12, 746-750.	16.7	117
81	Heparin-stabilised iron oxide for MR applications: a relaxometric study. Journal of Materials Chemistry B, 2016, 4, 3065-3074.	5.8	19
82	Correction: Heparin-stabilised iron oxide for MR applications: a relaxometric study. Journal of Materials Chemistry B, 2016, 4, 5628-5628.	5.8	0
83	Magnetic properties of a LuVO3 single crystal studied by magnetometry, heat capacity and neutron diffraction. Journal of Science: Advanced Materials and Devices, 2016, 1, 174-178.	3.1	4
84	Control of the third dimension in copper-based square-lattice antiferromagnets. Physical Review B, 2016, 93, .	3.2	18
85	Structure and magnetism in Cr-embedded Co nanoparticles. Journal of Physics Condensed Matter, 2016, 28, 046003.	1.8	1
86	Evidence of double-gap superconductivity in noncentrosymmetric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nb</mml:mi><mml:mrow><mml:mn>0.18</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> crystals. Physical Review B, 2015, 91, .	3.2	26
87	Antiferromagnetism atT>500Kin the layered hexagonal ruthenateSrRu2O6. Physical Review B, 2015, 92, .	3.2	43
88	Unconventional Superconductivity in<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>7</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> by Muon Spin Relaxation: Introducing a New Family of Noncentrosymmetric Superconductor That Breaks Time-Reversal Symmetry. Physical Review Letters, 2015, 115, 267001.	7.8	100
89	Structural and magnetic investigations of single-crystalline neodymium zirconate pyrochlore<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 91, .	3.2	47
90	Structural, optical and vibrational properties of self-assembled Pbn+1(Ti1â^'xFex)nO3n+1â^'Î´ Ruddlesden-Popper superstructures. Scientific Reports, 2015, 5, 7719.	3.3	8

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91	Iron and Manganese Complexes of 2-Carbonyl Pyrrolyls: Scorpionate Sandwich Anions and Extended Structures. Organometallics, 2015, 34, 2543-2549.	2.3	2
92	Fluctuations and All-Inâ€“All-Out Ordering in Dipole-Octupole<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Nd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Zr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2015, 115, 197202.	7.8	79
93	Effects of rare-earth size on the electronic structure of La_{1â^'x}Lu_xVO₃. Journal of Physics Condensed Matter, 2015, 27, 105503.	1.8	11
94	Growth of single-crystals of rare-earth zirconate pyrochlores, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0008.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="italic">Ln</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:math>		

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109	Probing the superconducting ground state of the noncentrosymmetric superconductors<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ca</mml:mi><mml:mi>T</mml:mi><mml:msub><mml:mrow><mml:ml mathvariant="normal">Si</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:math>(<mml:math) 3j2ETQq1 1 0.784314 muon-spin relaxation and rotation. Physical Review B, 2014, 90, .		
110	Crystal growth and characterization of the non-centrosymmetric antiferromagnet Ba2CuGe2O7. Journal of Crystal Growth, 2014, 404, 223-230.	1.5	5
111	First-order magnetic transition inYb2Ti2O7. Physical Review B, 2014, 89, .	3.2	42
112	Structural and magnetic properties of single-crystals of the geometrically frustrated zirconium pyrochlore, Pr₂Zr₂O₇. Materials Research Express, 2014, 1, 026109.	1.6	14
113	Superconducting properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Sn</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi mathvariant="normal">In</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">Te</mml:mi></mml:math><mml:math		

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127	Evidence for superconductivity with broken time-reversal symmetry in locally noncentrosymmetric SrPtAs. Physical Review B, 2013, 87, .	3.2	166
128	Physical stability, biocompatibility and potential use of hybrid iron oxide-gold nanoparticles as drug carriers. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	16
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