AndrÃ© M Strydom

List of Publications by Year
in descending order

268 papers	3,451 citations	186265 28 h-index	223800 46 g-index
269 all docs	269 docs citations	269 times ranked	3061 citing authors

#	Article	IF	Citations
1	Thermal and electronic transport in CeRu 2 Al 10 : Evidence for a metalâ€“insulator transition. Physica B: Condensed Matter, 2009, 404, 2981-2984.	2.7	164
2	Long-range magnetic order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeRu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>via muon spin relaxation and neutron diffraction. Physical Review B, 2010, 82, .	3.2	141
3	Destruction of the Kondo effect in the cubic heavy-fermion compound Ce3Pd20Si6. Nature Materials, 2012, 11, 189-194.	27.5	123
4	Large Seebeck effect by charge-mobility engineering. Nature Communications, 2015, 6, 7475.	12.8	94
5	Anisotropic field-induced ordering in the triangular-lattice quantum spin liquid <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">NaYbSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2019, 100, .	3.2	92
6	Specific heat and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î¼</mml:mi></mml:mrow></mml:math>SR study on the noncentrosymmetric superconductor LaRhSi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaRhSi</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2014, 90, .	3.2	90
7	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Cr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>investigated	3.2	84
8	Long-range ordering of reduced magnetic moments in the spin-gap compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeOs</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>seen via muon spin relaxation and neutron scattering. Physical Review B, 2010, 82, .	3.2	80
9	Transport and thermal properties of weakly ferromagnetic Sr2IrO4. Journal of Physics Condensed Matter, 2006, 18, 8205-8216.	1.8	75
10	Broken time-reversal symmetry probed by muon spin relaxation in the caged type superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Lu</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 91, .	3.2	55
11	Graphene Supported Graphone/Graphane Bilayer Nanostructure Material for Spintronics. Scientific Reports, 2014, 4, 3862.	3.3	55
12	Physical properties of noncentrosymmetric superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">LaIrSi</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:math>: A<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î¼</mml:mi></mml:math>SR study. Physical Review B, 2014, 90, .	3.2	52
13	Unconventional superconductivity in Y5Rh6Sn18 probed by muon spin relaxation. Scientific Reports, 2015, 5, 12926.	3.3	44
14	Antisite disorder-induced exchange bias effect in multiferroic Y2CoMnO6. Applied Physics Letters, 2015, 106, .	3.3	42
15	AN in vitro evaluation of a carmustine-loaded Nano-co-Plex for potential magnetic-targeted intranasal delivery to the brain. International Journal of Pharmaceutics, 2016, 500, 196-209.	5.2	41
16	Low-temperature study of the strongly correlated compound Ce₃Rh₄Sn₁₃. Journal of Physics Condensed Matter, 2007, 19, 386207.	1.8	38
17	Ferromagnetism and the effect of free charge carriers on electric polarization in the double perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>Y</mml:mtext><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92, .	3.2	37
18	Change of magnetic ground state by light electron doping in CeOs2Al10. Physical Review B, 2013, 88, .	3.2	36

#	ARTICLE	IF	CITATIONS
19	Nodal Superconducting Gap Structure in the Quasi-One-Dimensional Cs₂Cr₃As₃ Investigated Using Î¼SR Measurements. Journal of the Physical Society of Japan, 2017, 86, 114710	1.6	36
20	Competing <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:math>-electron		

#	ARTICLE	IF	CITATIONS
37	Paramagnetic polyaniline nanospheres. Chemical Physics Letters, 2010, 494, 232-236.	2.6	25
38	Thermal and transport properties of the cubic semimetal Y₃Ir₄Ge₁₃: on the metallic border of thermoelectric merit. Journal of Physics Condensed Matter, 2007, 19, 386205.	1.8	24
39	Low-temperature properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeRu</mml:mtext></mml:mrow><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> NMR and specific heat measurements: Heavy fermions emerging from a Kondo-insulating state. Physical Review B, 2010, 82, .	3.2	24
40	Tuning the Electronic and Magnetic Properties of Nitrogen-Functionalized Few-Layered Graphene Nanoflakes. Journal of Physical Chemistry C, 2017, 121, 14073-14082.	3.1	24
41	Magnetoelastic and neutron-diffraction studies of Cr-Al-alloy single crystals. Physical Review B, 1992, 45, 10473-10484.	3.2	23
42	Hysteretic behavior and magnetic ordering in CeRuSn. Physical Review B, 2011, 83, .	3.2	23
43	Large low field magneto-resistance and temperature coefficient of resistance in La0.8Ca0.2MnO3 epitaxial thin film. Journal of Alloys and Compounds, 2015, 621, 7-11.	5.5	23
44	Sequential localization of a complex electron fluid. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17701-17706.	7.1	23
45	Crystal growth and composition-property relationship of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ce</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Double metamagnetic transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Ru</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	22
46	Towards strongly correlated semimetals: U2Ru2Sn and Eu8Ga16Ge30. Journal of Physics and Chemistry of Solids, 2002, 63, 1183-1188.	4.0	21
47	Tuning of electronic and magnetic properties of multifunctional r-GO-ATA-Fe2O3-composites for magnetic resonance imaging (MRI) contrast agent. Journal of Applied Physics, 2019, 126, .	2.5	21
48	Electronic properties of semiconducting. Physica B: Condensed Matter, 2005, 359-361, 293-295.	2.7	20
49	Magnetic ordering with reduced cerium moments in hole-doped CeOs2Al10. Physical Review B, 2014, 89, .	3.2	20
50	Ideal Ericsson cycle magnetocaloric effect in (La0.9Gd0.1)0.67Sr0.33MnO3 single crystalline nanoparticles. Journal of Alloys and Compounds, 2013, 555, 33-38.	5.5	19
51	Investigation of the critical behavior in Mn0.94Nb0.06CoGe alloy by using the field dependence of magnetic entropy change. Journal of Applied Physics, 2013, 113, .	2.5	19
52	Cooperative magnetic behaviour in the new valence fluctuating compound Ce₂Rh₃Ge. Journal of Physics Condensed Matter, 2015, 27, 395601.	1.8	19
53	Magnetic, thermodynamic, NMR, and transport properties of the heavy-fermion semiconductorU2Ru2Sn. Physical Review B, 2003, 67, .	3.2	18
54			

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55	Crystal field excitations in the cubic compound Ce3Rh4Sn13. Physica B: Condensed Matter, 2008, 403, 898-899.	2.7	18
56	Magnetic structures and magnetic phase transitions in the Mn-doped orthoferrite TbFeO3 studied by neutron powder diffraction. Journal of Applied Physics, 2016, 119, .	2.5	18
57	Contrasting carrier doping effects in the Kondo insulatorCeOs2Al10: The influential role ofcâˆ’fhybridization in spin-gap formation. Physical Review B, 2014, 90, .	3.2	17
58	First neutron measurements on. Physica B: Condensed Matter, 2008, 403, 1306-1308.	2.7	16
59	Dilution and non-Fermi-liquid effects in the CePtIn Kondo lattice. Journal of Physics Condensed Matter, 2009, 21, 046008.	1.8	16
60	Magnetism and electronic correlations in the iron aluminides <i>R</i> Fe₂Al₁₀ (<i>R</i> = Y, Yb). Physica Status Solidi - Rapid Research Letters, 2010, 4, 356-358.	2.4	16
61	Field-tuned critical fluctuations in YFe<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>Al<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>10</mml:mn></mml:msub></mml:math>: Evidence from magnetization,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:	3.2	16
62	Correlation between structural parameters and the magnetocaloric effect in epitaxial La0.8Ca0.2MnO3/LaAlO3 thin film. Journal of Applied Physics, 2013, 113, 063508.	2.5	16
63	Contiguous<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:math>Magnetism: Strongly Correlated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:math>Electrons in<mml:math xmlns:	7.8	16
64	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î¼</mml:mi><mml:mi>SR</mml:mi></mml:math>and inelastic neutron scattering investigations of the noncentrosymmetric antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">CeNiC</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	14
65	Anomalous change of the magnetic moment direction by hole doping in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CeRu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Al</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	14
66	Electronic and magnetic properties of quasi-skutterudite PrCo2Ga8 compound. Physica B: Condensed Matter, 2018, 536, 128-132.	2.7	14
67	Determining the local low-energy excitations in the Kondo semimetal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeRu</mml:mi><mml:mn>4</mml:mn></m resonant inelastic x-ray scattering. Physical Review B, 2018, 98, .	3.2	14
68	Underpinning the Interaction between NO₂ and CuO Nanoplatelets at Room Temperature by Tailoring Synthesis Reaction Base and Time. ACS Omega, 2019, 4, 18035-18048.	3.5	14
69	Strongly Correlated Electron Behaviour in CeT₂Al₈(T = Fe, Co). Acta Physica Polonica A, 2012, 121, 1082-1084.	0.5	14
70	Quantum critical behavior of the (Cr86Ru14)1âˆ’xVx alloy system. Journal of Applied Physics, 2008, 103, 07C903.	2.5	13
71	Crystal electric field excitations in ferromagnetic Ce TX compounds. Physica B: Condensed Matter, 2009, 404, 3032-3034.	2.7	13
72	Spin-reorientation and weak ferromagnetism in antiferromagnetic TbMn0.5Fe0.5O3. Journal of Applied Physics, 2015, 117, 173904.	2.5	13

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73	Momentum-space structure of quasielastic spin fluctuations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Ce</mml:mi><mml:mn mathvariant="bold">3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Pd</mml:mi><mml:mn mathvariant="bold">20</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Si</mml:mi>	3.2	13
74	Large low-temperature magnetoresistance in weakly spin-correlatedCeCu2Sn2andCeNi2Sn2. Physical Review B, 1994, 50, 12995-12998.	3.2	12
75	The effect of Th substitution and of magnetic field on Kondo semiconducting behaviour in U2Ru2Sn. Journal of Physics Condensed Matter, 2001, 13, 8375-8387.	1.8	12
76	Specific heat, susceptibility, magnetotransport and thermoelectric power of the Kondo alloys (Ce1ÂxLax)Cu5In. Journal of Physics Condensed Matter, 2004, 16, 1981-1994.	1.8	12
77	Ce2Rh2Pb: a new member in the U3Si2-structure type ternary series. Journal of Alloys and Compounds, 2005, 394, 152-155.	5.5	12
78	Antiferromagnetic ordering and metamagnetism in PrCuSi. European Physical Journal B, 2010, 74, 9-18.	1.5	12
79	Superconductivity, Magnetism, and Atomic Rattling Phenomena in R_{3}Rh_{4}Ge_{13} (R=Y, Yb, Lu). Acta Physica Polonica A, 2014, 126, 318-321.	0.5	12
80	Magnetic, specific heat and electrical transport properties of Frankâ€“Kasper cage compounds RTM₂Al₂₀ [Râ€‰â€‰=â€‰â€‰Eu, Gd and La; TMâ€‰â€‰=â€‰â€‰V, Ti]. Journal of Physics Condensed 2016, 28, 436002.	1.8	12
81	Anomalous magnetic ground state in PrSi evidenced by the magnetocaloric effect. Journal of Applied Physics, 2012, 111, 07A943.	2.5	11
82	Crystal structure and magnetic properties of CuSb2O4. Journal of Materials Science, 2014, 49, 3497-3510.	3.7	11
83	Spin-lattice coupling and frustrated magnetism in Fe-doped hexagonal LuMnO ₃. Europhysics Letters, 2015, 110, 37007.	2.0	11
84	Magnetic ordering and crystal field effects in quasi-caged structure compound PrFe2Al8. Journal of Physics and Chemistry of Solids, 2016, 91, 69-75.	4.0	11
85	Crystal structure and physical properties of the two stannides EuPdSn₂ and YbPdSn₂. Journal of Physics Condensed Matter, 2018, 30, 495802.	1.8	11
86	Magnetoresistivity of R2Rh3Al9 (R=Ce, La) and A2Rh3Ga9 (A=U, Th). Solid State Communications, 2002, 123, 343-348.	1.9	10
87	Single-crystal magnetoresistivity and magnetic susceptibility of the Kondo semimetal U2Ru2Sn. Solid State Communications, 2003, 126, 207-212.	1.9	10
88	Low-temperature muon spin relaxation measurements on. Journal of Magnetism and Magnetic Materials, 2007, 310, 377-379.	2.3	10
89	Effects of La dilution on the CePt₂Si₂Kondo lattice. Journal of Physics Condensed Matter, 2008, 20, 055218.	1.8	10
90	Magnetic behavioural change of silane exposed graphene nanoflakes. Journal of Applied Physics, 2015, 118, 115302.	2.5	10

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91	Missing magnetism in Sr4Ru3O10: Indication for Antisymmetric Exchange Interaction. Scientific Reports, 2017, 7, 3867.	3.3	10
92	Quantum fluctuations in the quasi-one-dimensional non-Fermi liquid system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeCo</mml:mi><mml:mn>2</mml:mn></mr 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></mml Physical Review B, 2020, 101, .	3.2	10
93	Biophilic carbon nanotubes. Colloids and Surfaces B: Biointerfaces, 2013, 105, 310-318.	5.0	10
94	Critical exponent Î² of U3P4. Physica B: Condensed Matter, 1993, 186-188, 785-787.	2.7	9
95	Anomalous low-temperature properties of U2Ni2In and U2Rh2In. Solid State Communications, 1999, 112, 391-396.	1.9	9
96	Gap closure in semiconducting APtSn cubic compounds (A = U, Th or Zr). Philosophical Magazine, 2003, 83, 1235-1253.	1.6	9
97	Structural and magnetic properties of Îµ-Fe1âˆ’xCoxSi thin films deposited via pulsed laser deposition. Applied Physics Letters, 2009, 94, 232503.	3.3	9
98	Possible quantum critical behaviour in the (Cr84Re16)100âˆ’yVy alloy system. Journal of Applied Physics, 2013, 113, .	2.5	9
99	Contrasting effect of La substitution on the magnetic moment direction in the Kondo semiconductorsCeT2Al10(T=Ru,Os). Physical Review B, 2015, 92, .	3.2	9
100	Neutron scattering andÎ¼SR studies on a Kondo lattice heavy fermion CeRuSn₃. Journal of Physics: Conference Series, 2015, 592, 012008.	0.4	9
101	Spin freezing in the spin-liquid compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeAl</mml:mi><mml:mn>2</mml:mn></m mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 91, .	3.2	9
102	Electrical and thermal transport properties of RECu4Au compounds, RE=Nd, Gd. Journal of Magnetism and Magnetic Materials, 2016, 414, 69-73.	2.3	9
103	Crystal-field states of Kondo lattice heavy fermions<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeRuSn</mml:mi><mml:mn>3</mml:mn></mml:msub> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeRhSn</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2016, 94, .	3.2	9
104	Pr-magnetism in the quasi-skutterudite compound PrFe₂Al₈. Journal of Physics Condensed Matter, 2017, 29, 345801.	1.8	9
105	Isothermal section at 600ÂÂ°C of the Ybâˆ’Pdâˆ’Sn system (PdÂâ‰¤75 at.%). Journal of Alloys and Compounds, 2017, 694, 185-192.	5.5	9
106	Phonon softening in UO2. Physica B: Condensed Matter, 1992, 180-181, 321-322.	2.7	8
107	Annealing studies on the heavy-fermion materials CeM2Sn2. Physica B: Condensed Matter, 1993, 186-188, 487-490.	2.7	8
108	Magnetoresistance and thermoelectric power in U2Ni2Sn. Solid State Communications, 1995, 95, 867-871.	1.9	8

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109	Magnetotransport in (Ce1-xNdx)Cu6Kondo alloys. Journal of Physics Condensed Matter, 1999, 11, 2285-2302.	1.8	8
110	CeRu2Al10: Anomalous Magnetic Ordering andÂItsÂField Stability. Journal of Low Temperature Physics, 2010, 159, 160-163.	1.4	8
111	Electronic Correlation Effects in LnFe₂Al₁₀(Ln=Y, Yb). Journal of the Physical Society of Japan, 2011, 80, SA043.	1.6	8
112	Temperatureâ€“field phase diagram of quantum critical CeAuSb₂. Physica Status Solidi (B): Basic Research, 2013, 250, 464-467.	1.5	8
113	Non-Fermi Liquid Behaviour in the Heavy-Fermion Kondo Lattice Ce2Rh3Al9. Journal of Low Temperature Physics, 2014, 175, 498-507.	1.4	8
114	Electronic, magnetic, and transport properties of the isotypic aluminides SmT2Al10(T= Fe, Ru). Journal of Physics Condensed Matter, 2015, 27, 095604.	1.8	8
115	Magnetocaloric effect in the metamagnet ErRhSi compound. Journal of Applied Physics, 2016, 120, 233902.	2.5	8
116	Exploring the complex magnetic phase diagram ofCe2PdGe3: A neutron powder diffraction andÎ¼SRstudy. Physical Review B, 2016, 94, .	3.2	8
117	Superconducting gap structure in the electron doped BiS₂-based superconductor. Journal of Physics Condensed Matter, 2017, 29, 265602.	1.8	8
118	Magnetocaloric effect and other low-temperature properties of Pr2Pt2In. Physica B: Condensed Matter, 2018, 536, 505-509.	2.7	8
119	Magnetic, Kondo and non-Fermi-liquid behaviour of U1-xThxPd2Al3. Journal of Physics Condensed Matter, 1999, 11, 9775-9796.	1.8	7
120	Gap formation in the semimetal U2Ru2Sn: evidence from 119Sn NMR investigations. Physica B: Condensed Matter, 2003, 329-333, 545-546.	2.7	7
121	Thermal and electronic transport in the intermediate-valent compound CeRhIn. Physica B: Condensed Matter, 2006, 378-380, 793-794.	2.7	7
122	Electronic and magnetic properties of the rare earth intermetallic compounds RRu4Sn6 (R=Nd, Sm, Gd,) Tj ETQq0 0 0 rgBT /Overlock 10	2.3	7
123	Field-dependent tuning of the ferromagnetic ordering in. Journal of Magnetism and Magnetic Materials, 2008, 320, e453-e456.	2.3	7
124	(, Lu): Thermal and magnetic properties. Physica B: Condensed Matter, 2008, 403, 746-748.	2.7	7
125	Thermal properties and magnetic field effects in ferromagnetic CeAuGe. Physica B: Condensed Matter, 2008, 403, 862-863.	2.7	7
126	Electron Field Emission of Silicon-Doped Diamond-Like Carbon Thin Films. Japanese Journal of Applied Physics, 2010, 49, 111301.	1.5	7

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127	Full Relativistic Electronic Structure and Fermi Surface Sheets of the First Honeycomb-Lattice Pnictide Superconductor SrPtAs. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1795-1798.	1.8	7
128	Quenching of spin fluctuations in the 3d and 4f aluminides YFe2 Al10 and YbFe2 Al10 : a comparative 27 Al NMR and specific heat study. Physica Status Solidi (B): Basic Research, 2013, 250, 525-528.	1.5	7
129	Transport-entropy correlations in La0.7Ca0.3MnO3 manganite. Physica B: Condensed Matter, 2014, 432, 96-99.	2.7	7
130	Grain size effects on the magnetic properties of ZnxMn1â^'xFe2O4 nanoferrites. Journal of Magnetism and Magnetic Materials, 2015, 373, 74-77.	2.3	7
131	Incommensurate spin-density-wave antiferromagnetism inCeRu2Al2B. Physical Review B, 2016, 93, .	3.2	7
132	ZnO nanorods decorated with nanocrystalline (nc) Au Particles:Electronic structure and magnetic behaviours. Journal of Alloys and Compounds, 2019, 797, 74-82.	5.5	7
133	Effect of Î±-Fe2O3 Phase on the Magnetic Interactions in Nickel Ferrite (NiFe2O4) Nanoparticles. Journal of Nanoscience and Nanotechnology, 2019, 19, 5692-5699.	0.9	7
134	Superzone Gap Formation and Possible Kondo-like Features in the Heavy Fermion PrFe₂Ga₈ Compound. , 2020, , .		7
135	Crystal Structure and Magnetic Properties of new Eu-Pd-Sn Compounds. Acta Physica Polonica A, 2017, 131, 1003-1005.	0.5	7
136	Signature of a randomness-driven spin-liquid state in a frustrated magnet. Communications Physics, 2022, 5, .	5.3	7
137	Magnetic susceptibility and magnetoresistance of non-Fermi liquid U1â^'xThxPd2Al3. Physica B: Condensed Matter, 1999, 259-261, 421-422.	2.7	6
138	Magnetic and electrical properties of the Kondo system CePt2(Si1â^'xGex)2. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 173-175.	2.3	6
139			

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145	Magnetic and Thermodynamic Properties of Ce₄RuAl. Acta Physica Polonica A, 2015, 127, 237-239.	0.5	6
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