

AndrÃ© M Strydom

List of Publications by Year in descending order

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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	Magnetic frustration-driven ground state properties of rare-earth magnetic ions on a breathing kagome lattice: a review of the Gd ₃ Ru ₄ Al ₁₂ structure type magnets. Critical Reviews in Solid State and Materials Sciences, 2023, 48, 480-501.	12.3	3
2	Physical and magnetic properties of frustrated triangular-lattice antiferromagnets R ₃ Cu (R = Ce, Pr). Journal of Alloys and Compounds, 2022, 895, 162545.	5.5	3
3	Crystal structure of Im Cu_2 Si_3 . Cu_2 Si_3 Im	2.3	6
4	Valence transition of the intermetallic compound Ce ₂ Rh ₂ Ga probed by resonant x-ray emission spectroscopy. Physical Review B, 2022, 105, .	3.2	1
5	Signature of a randomness-driven spin-liquid state in a frustrated magnet. Communications Physics, 2022, 5, .	5.3	7
6	Antiferromagnetic Correlations in Strongly Valence Fluctuating CeIrSn. Physical Review Letters, 2021, 126, 217202.	7.8	6
7	Effects of Y- and La-doping on the magnetic ordering, Kondo effect, and spin dynamics in Ce ^{1-x} M _x Ru ₂ Al ₁₀ . Journal of Physics Condensed Matter, 2021, 33, 275602.	1.8	1
8	Dynamic spin fluctuations in the frustrated spin chain compound Li ₃ Cu ₂ SbO ₆ . Physical Review B, 2021, 103, .	3.2	4
9	Semiconducting behaviour in the Remeika phase: Pr ₃ Ir ₄ Ge ₁₃ . Journal of Alloys and Compounds, 2021, 872, 159481.	5.5	1
10	Observation of large negative magnetoresistance in the noncentrosymmetric compound PrPtSi. Journal of Alloys and Compounds, 2021, 873, 159708.	5.5	0
11	Antiferromagnetic order in the honeycomb Kondo lattice $\text{Ce}_{1-x}\text{Pd}_x\text{Pt}$ induced by Pd substitution. Physical Review B, 2021, 104, .	3.2	4
12	A new look at the ground state properties of Ce ₂ Ir ₃ Al ₉ : Coexistence of two competing energy scales. Journal of Alloys and Compounds, 2021, 883, 160925.	5.5	4
13	Long-range magnetic phase transitions and negative magnetoresistance of divalent Eu in Eu ₂ Cu ₅ Ni ₅ phase. Journal of Alloys and Compounds, 2021, 887, 161454.	5.5	1
14	Low-energy quantum fluctuations and frustrated magnetism in rare-earth-based Shastry-Sutherland lattices: Insights on the CaCo ₂ Al ₈ structure type antiferromagnets. Materials Today Physics, 2021, 21, 100552.	6.0	5
15	Magnetic Excitations in Chiral-Structure Phase of Ce ₃ Ir ₄ Sn ₁₃ . Journal of the Physical Society of Japan, 2021, 90, .	1.6	4
16	Crystal electric field and possible coupling with phonons in Kondo lattice CeCuGa_3 . Physical Review B, 2021, 104, .	3.2	4
17	Large magnetocaloric effect in RE ₈ Pd ₂₄ Ga (RE = Gd, Tb and Dy) series of compounds. Journal of Alloys and Compounds, 2020, 814, 152228.	5.5	4
18	Superzone Gap Formation and Possible Kondo-like Features in the Heavy Fermion PrFe ₂ Ga ₈ Compound. , 2020, , .		7

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19	Quantum fluctuations in the quasi-one-dimensional non-Fermi liquid system investigated using CeCo_2 . <i>Physical Review B</i> , 2020, 101, .	3.2	10
20	Two polymorphs of a new intermetallic $\text{Ce}_2\text{Rh}_2\text{Ga}$ crystal structure and physical properties. <i>Journal of Alloys and Compounds</i> , 2020, 844, 155570.	5.5	3
21	Promising thermoelectric properties of heavy-fermion semimetal $\text{Pr}_3\text{Os}_4\text{Ge}_{13}$. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 405606.	1.8	1
22	Tuning of electronic and magnetic properties of multifunctional r-GO-ATA- Fe_2O_3 -composites for magnetic resonance imaging (MRI) contrast agent. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	21
23	Field-Independent Features in the Magnetization and Specific Heat of $\text{Sm}_3\text{Co}_4\text{Ge}_{13}$. <i>Crystals</i> , 2019, 9, 322.	2.2	1
24	Signatures of low-dimensional magnetism and short-range magnetic order in Co-based trirutiles. <i>Physical Review B</i> , 2019, 100, .	3.2	2
25	ZnO nanorods decorated with nanocrystalline (nc) Au Particles: Electronic structure and magnetic behaviours. <i>Journal of Alloys and Compounds</i> , 2019, 797, 74-82.	5.5	7
26	Effect of Fe_2O_3 Phase on the Magnetic Interactions in Nickel Ferrite (NiFe_2O_4) Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5692-5699.	0.9	7
27	New ternary aluminides $\text{RE}_3\text{Rh}_4\text{Al}_{15}$ (RE = La, Ce, Pr, Sm, Gd). <i>Journal of Alloys and Compounds</i> , 2019, 792, 1061-1067.	5.5	3
28	Superparamagnetic Behavior of Zn and Al Substituted Cobalt Nanoferrites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 2793-2797.	1.8	2
29	Sequential localization of a complex electron fluid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17701-17706.	7.1	23
30	Underpinning the Interaction between NO_2 and CuO Nanoplatelets at Room Temperature by Tailoring Synthesis Reaction Base and Time. <i>ACS Omega</i> , 2019, 4, 18035-18048.	3.5	14
31	Anisotropic field-induced ordering in the triangular-lattice quantum spin liquid NaYbSe_2 . <i>Physical Review B</i> , 2019, 100, .	3.2	92
32	Absence of a long-range ordered magnetic ground state in $\text{Pr}_3\text{Rh}_4\text{Sn}_{13}$ studied through specific heat and inelastic neutron scattering. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 145601.	1.8	4
33	Metamagnetism, sign reversal and low temperature magnetocaloric effect in single-crystalline $\text{EuV}_2\text{Al}_{20}$. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 452, 205-209.	2.3	3
34	Critical behavior study around the ferromagnetic phase transition in $\text{Pr}_2\text{Pt}_2\text{In}$. <i>Physica B: Condensed Matter</i> , 2018, 536, 418-421.	2.7	2
35	Electronic and magnetic properties of quasi-skutterudite PrCo_2Ga_8 compound. <i>Physica B: Condensed Matter</i> , 2018, 536, 128-132.	2.7	14
36	$\text{RRh}_2\text{Al}_{10}$ (R=Ce, Yb): New intermetallic compounds in the 1:2:10 stoichiometry series. <i>Physica B: Condensed Matter</i> , 2018, 536, 155-161.	2.7	1

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37	altimg="si0013.gif" overflow="scroll"><mml:mrow><mml:mi>H</mml:mi><mml:mo>âˆ²</mml:mo><mml:mi>T</mml:mi></mml:mrow></mml:math> phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0014.gif" overflow="scroll"><mml:mrow><mml:msub	2.7	2
38	Defect induced room temperature ferromagnetism in single crystal, poly-crystal, and nanorod ZnO: A comparative study. Journal of Applied Physics, 2018, 123, .	2.5	32
39	Magnetocaloric effect and other low-temperature properties of Pr ₂ Pt ₂ In. Physica B: Condensed Matter, 2018, 536, 505-509.	2.7	8
40	Magnetic structure and field-dependent magnetic phase diagram of Ni ₂ In-type PrCuSi. Journal of Physics Condensed Matter, 2018, 30, 435803.	1.8	3
41	Crystal structure and physical properties of the two stannides EuPdSn ₂ and YbPdSn ₂ . Journal of Physics Condensed Matter, 2018, 30, 495802.	1.8	11
42	Determining the local low-energy excitations in the Kondo semimetal CeRu ₄ Mn</mml:math> resonant inelastic x-ray scattering. Physical Review B, 2018, 98, .	1.8	14
43	mathvariant="bold">Sc</mml:mi><mml:mn mathvariant="bold">5</mml:mn></mml:mrow></mml:math> mathvariant="bold">Rh</mml:mi><mml:mn	3.2	29
44	Physical Properties Study of the CeOsGa ₄ Compound. Acta Physica Polonica A, 2018, 133, 398-400.	0.5	0
45	Moment â€œ Bearing Tb substitution in CePt ₂ Si ₂ . Journal of Alloys and Compounds, 2017, 696, 1004-1009.	5.5	0
46	Low temperature magneto transport features of rare earth element functionalized carbon nanotube network devices for spintronic applications. Proceedings of SPIE, 2017, , .	0.8	0
47	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
48	Superconducting gap structure in the electron doped BiS ₂ -based superconductor. Journal of Physics Condensed Matter, 2017, 29, 265602.	1.8	8
49	Nodal Superconducting Gap Structure in the Quasi-One-Dimensional Cs ₂ Cr ₃ As ₃ Investigated Using ¹ / ₄ SR Measurements. Journal of the Physical Society of Japan, 2017, 86, 044710.	1.6	36
50	Interplay of antiferromagnetism and Kondo effect in (Ce _{1-x} La _x) ₈ Pd ₂₄ Al. Journal of Physics and Chemistry of Solids, 2017, 106, 44-51.	4.0	2
51	Magnetic and thermal properties of NdAuGa. Journal of Alloys and Compounds, 2017, 699, 7-10.	5.5	1
52	A new ternary magnetically ordered heavy fermion compound Pr ₂ Rh ₃ Ge: magnetic, electronic and thermodynamic properties. Journal of Physics Condensed Matter, 2017, 29, 395601.	1.8	5
53	CeRh ₂ Al ₁₀ â€œ The first rhodium aluminide with a new structure type in the 1:2:10 stoichiometry family. Journal of Alloys and Compounds, 2017, 728, 752-758.	5.5	4
54	Missing magnetism in Sr ₄ Ru ₃ O ₁₀ : Indication for Antisymmetric Exchange Interaction. Scientific Reports, 2017, 7, 3867.	3.3	10

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55	Inhomogeneous Superconducting Behaviour in $\text{La}_{5}\text{Ni}_{2}\text{Si}_{3}$ La 5 Ni 2. Journal of Low Temperature Physics, 2017, 189, 120-131.	1.4	2
56	Low-temperature transport and thermodynamic properties of dense Kondo alloys <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif"		

#	ARTICLE	IF	CITATIONS
91	Magnetic and thermodynamic properties of GdCu_4Au . Journal of Physics: Conference Series, 2015, 592, 012050.	0.4	4
92	Cooperative magnetic behaviour in the new valence fluctuating compound $\text{Ce}_2\text{Rh}_3\text{Ge}$. Journal of Physics Condensed Matter, 2015, 27, 395601.	1.8	19
93	Spin-lattice coupling and frustrated magnetism in Fe-doped hexagonal LuMnO_3 . Europhysics Letters, 2015, 110, 37007.	2.0	11
94	Electronic, magnetic, and transport properties of the isotypic aluminides $\text{SmT}_2\text{Al}_{10}$ (T= Fe, Ru). Journal of Physics Condensed Matter, 2015, 27, 095604.	1.8	8
95	Broken time-reversal symmetry probed by muon spin relaxation in the caged type superconductor Lu_5O_4 . Physical Review B, 2015, 91, .	3.2	55
96	Antisite disorder-induced exchange bias effect in multiferroic Y_2CoMnO_6 . Applied Physics Letters, 2015, 106, .	3.3	42
97	Spin freezing in the spin-liquid compound FeAl_2O_4 . Physical Review B, 2015, 91, .	3.2	9
98	Magnetic and Thermodynamic Properties of Ce_4RuAl . Acta Physica Polonica A, 2015, 127, 237-239.	0.5	6
99	Large Seebeck effect by charge-mobility engineering. Nature Communications, 2015, 6, 7475.	12.8	94
100	Thermal Conductivity of $\text{Ce}_2\text{Ru}_3\text{Ga}_9$ Compound. Acta Physica Polonica A, 2015, 127, 240-242.	0.5	4
101	The Effect of Ce Dilution on the Ferromagnetic Ordering in CeAuGe . Acta Physica Polonica A, 2015, 127, 228-230.	0.5	1
102	On the Antiferromagnetic Superconductor YbPd_2Sn : The Case for Local-Moment Quantum Criticality. Journal of Low Temperature Physics, 2015, 179, 62-68.	1.4	1
103	Spin-reorientation and weak ferromagnetism in antiferromagnetic $\text{TbMn}_0.5\text{Fe}_0.5\text{O}_3$. Journal of Applied Physics, 2015, 117, 173904.	2.5	13
104	Momentum-space structure of quasielastic spin fluctuations in $\text{Ce}_3\text{Pd}_{20}\text{Si}$. Physical Review B, 2015, 91, .	3.2	13
105	Grain size effects on the magnetic properties of $\text{Zn}_x\text{Mn}_{1-x}\text{Fe}_2\text{O}_4$ nanoferrites. Journal of Magnetism and Magnetic Materials, 2015, 373, 74-77.	2.3	7
106	Antiferromagnetic Kondo lattice to intermediate valence transition in $\text{Ce}(\text{Au}_{1-x}\text{Ni}_x)_2\text{Si}_2$. Journal of Physics and Chemistry of Solids, 2015, 77, 56-61.	4.0	2
107	Large low field magneto-resistance and temperature coefficient of resistance in $\text{La}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ epitaxial thin film. Journal of Alloys and Compounds, 2015, 621, 7-11.	5.5	23
108	Superconductivity, Magnetism, and Atomic Rattling Phenomena in $\text{R}_3\text{Rh}_4\text{Ge}_{13}$ (R=Y, Yb, Lu). Acta Physica Polonica A, 2014, 126, 318-321.	0.5	12

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109	Magnetic ordering with reduced cerium moments in hole-doped CeOs ₂ Al ₁₀ . Physical Review B, 2014, 89, .	3.2	20
110	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \hat{1} \rangle \langle \text{mml:mi} \text{SR} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and inelastic neutron scattering investigations of the noncentrosymmetric antiferromagnet $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{mathvariant="normal"} \text{CeNiC} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$.	3.2	14
111	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Sr} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 4 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Ru} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review B, Anomalous change of the magnetic moment direction by hole doping in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{CeRu} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$.	3.2	22
112	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Al} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 10 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2014, 90, .	3.2	14
113	Contrasting carrier doping effects in the Kondo insulator CeOs ₂ Al ₁₀ : The influential role of \hat{c} hybridization in spin-gap formation. Physical Review B, 2014, 90, .	3.2	17
114	Transport-entropy correlations in La _{0.7} Ca _{0.3} MnO ₃ manganite. Physica B: Condensed Matter, 2014, 432, 96-99.	2.7	7
115	Non-Fermi Liquid Behaviour in the Heavy-Fermion Kondo Lattice Ce ₂ Rh ₃ Al ₉ . Journal of Low Temperature Physics, 2014, 175, 498-507.	1.4	8
116	Crystal structure and magnetic properties of CuSb ₂ O ₄ . Journal of Materials Science, 2014, 49, 3497-3510.	3.7	11
117	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 4 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Magnetism: Strongly Correlated $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Electrons in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$.	7.8	16
118	Investigations of the singlet ground state system: PrIrSi ₃ . Journal of Physics Condensed Matter, 2014, 26, 306001.	1.8	6
119	Physical properties of noncentrosymmetric superconductor $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{LaIrSi} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$: A study. Physical Review B, 2014, 90, .	3.2	52
120	Spin-density-wave effects in the (Cr _{98.4} Al _{1.6}) ₁₀₀ alloy system. Journal of Magnetism and Magnetic Materials, 2014, 354, 222-230.	2.3	3
121	Anomalous triple point effects in the spin-density-wave Cr _{1-x} Al _x alloy system. Journal of Alloys and Compounds, 2014, 595, 164-177.	5.5	5
122	Crystalline field effect and magnetic ordering in the heavy fermion Kondo lattice Ce ₆ Pd ₁₂ In ₅ . Journal of Alloys and Compounds, 2014, 613, 204-212.	5.5	6
123	Antiferromagnetic ordering in NdAuGe compound. Journal of Applied Physics, 2014, 115, 17E134.	2.5	4
124	Graphene Supported Graphene/Graphene Bilayer Nanostructure Material for Spintronics. Scientific Reports, 2014, 4, 3862.	3.3	55
125	High-Pressure Electrical Transport and Specific Heat of the Heavy Fermion Compound Ce ₃ Pd ₂₀ Si ₆ . , 2014, .		0
126	Critical phenomena and estimation of the spontaneous magnetization by a magnetic entropy analysis in Mn _{0.96} Nb _{0.04} CoGe alloy. Journal of Applied Physics, 2013, 113, 233903.	2.5	30

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127	Ideal Ericsson cycle magnetocaloric effect in (La _{0.9} Gd _{0.1}) _{0.67} Sr _{0.33} MnO ₃ single crystalline nanoparticles. Journal of Alloys and Compounds, 2013, 555, 33-38.	5.5	19
128	Studying ferromagnetism in PrNiGe ₂ through the magnetocaloric effect. Journal of Applied Physics, 2013, 113, 17E135.	2.5	4
129	Evolution of thermopower across a quantum-critical point: the (Cr ₈₆ Ru ₁₄) _{1-x} V _x system. Journal of the Korean Physical Society, 2013, 63, 756-761.	0.7	3
130	Driving the magnetization reversal below the blocking temperature in exchange biased NiFe/NiO. Journal of Applied Physics, 2013, 114, 093904.	2.5	1
131	The Cage Compound Ce ₂ Pt ₉ Al ₁₆ : A Low-Temperature Magnetic Field Study. Journal of Low Temperature Physics, 2013, 170, 334-339.	1.4	1
132	Crystal structure and physical properties of CePd ₄ Sn: A new magnetically ordered Kondo lattice. Journal of Alloys and Compounds, 2013, 577, 677-682.	5.5	5
133	Positive and negative magnetocaloric effects in CeSi. Journal of Applied Physics, 2013, 113, 17A903.	2.5	1
134	Investigation of the critical behavior in Mn _{0.94} Nb _{0.06} CoGe alloy by using the field dependence of magnetic entropy change. Journal of Applied Physics, 2013, 113, .	2.5	19
135	Correlation between structural parameters and the magnetocaloric effect in epitaxial La _{0.8} Ca _{0.2} MnO ₃ /LaAlO ₃ thin film. Journal of Applied Physics, 2013, 113, 063508. Competing $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle f \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -electron	2.5	16
136			

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145	Fluctuations and the ferromagnetic instability in $\text{YFe}_2\text{Al}_{10}$: The role of Fe stoichiometry. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 630-633.	1.5	3
146	Biophilic carbon nanotubes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 105, 310-318.	5.0	10
147	Anomalous magnetic ground state in PrSi evidenced by the magnetocaloric effect. <i>Journal of Applied Physics</i> , 2012, 111, 07A943.	2.5	11
148	Field-tuned critical fluctuations in $\text{YFe}_2\text{Al}_{10}$: Evidence from magnetization.	3.2	16
149	Emergence of Paramagnetism in Organic Macromolecules during Synthesis. <i>Journal of Macromolecular Science - Physics</i> , 2012, 51, 134-141.	1.0	0
150	Low-temperature physical properties of heavy-fermion CeRh_2Sn_2 . <i>Journal of Physics: Conference Series</i> , 2012, 400, 032092.	0.4	0
151	In situ formation of magnetic luminescent, bi-functional, polymer-stabilized cerium sulfide nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 109, 607-611.	2.3	4
152	Low-field microwave absorption in pulse laser deposited FeSi thin film. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 1172-1176.	2.3	32
153	In-situ Attainment of Paramagnetic Behaviour of Poly(Amino-Acetaldehyde) during Synthesis. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 554, 188-194.	0.9	0
154	Magnetism and Superconductivity in LnRh_2Sn_2 (Ln= La, Ce). <i>Journal of the Physical Society of Japan</i> , 2012, 81, SB018.	1.6	0
155	Destruction of the Kondo effect in the cubic heavy-fermion compound $\text{Ce}_3\text{Pd}_20\text{Si}_6$. <i>Nature Materials</i> , 2012, 11, 189-194.	27.5	123
156	Full Relativistic Electronic Structure and Fermi Surface Sheets of the First Honeycomb-Lattice Pnictide Superconductor SrPtAs . <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 1795-1798.	1.8	7
157	Strongly Correlated Electron Behaviour in CeT_2Al_8 (T = Fe, Co). <i>Acta Physica Polonica A</i> , 2012, 121, 1082-1084.	0.5	14
158	Specific heat and SR study on the noncentrosymmetric superconductor LaRhSi_3 .	3.2	90
159	Complex magnetic behavior in the novel Kondo lattice compound CeRhSn_3 . <i>Journal of Physics Condensed Matter</i> , 2011, 23, 276001.	1.8	28
160	Evidence for a possible quantum critical point in a Cr-Si alloy doped with Mo. <i>Journal of Applied Physics</i> , 2011, 109, 07E104.	2.5	6
161	XRD, Magnetic and Mössbauer Spectral Studies of $\text{Ag}_x\text{Ni}_{1-x}\text{Fe}_2\text{O}_4$ Ferrite Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 711-715.	1.8	3
162	Hysteretic behavior and magnetic ordering in CeRuSn . <i>Physical Review B</i> , 2011, 83, .	3.2	23

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163	Electronic Correlation Effects in $\text{LnFe}_2\text{Al}_{10}$ ($\text{Ln}=\text{Y}, \text{Yb}$). Journal of the Physical Society of Japan, 2011, 80, SA043.	1.6	8
164	Characterization of Fe/C catalysts supported on Al_2O_3 , SiO_2 and TiO_2 . Journal of Physics: Conference Series, 2010, 200, 082016.	0.4	3
165	Inelastic neutron scattering and specific heat of CeCuGe. Journal of Physics: Conference Series, 2010, 200, 012190.	0.4	1
166	Magnetic ordering in hexagonal PrCuSi. Journal of Physics: Conference Series, 2010, 200, 032071.	0.4	3
167	Electrical and thermal transport properties of Cr-Si alloy single crystals. Journal of Physics: Conference Series, 2010, 200, 022048.	0.4	0
168	Scaling of spin-density-wave effects in the quantum critical ($\text{Cr}_{86}\text{Ru}_{14}$) V alloy system. Journal of Physics: Conference Series, 2010, 200, 022050.	0.4	1
169	Antiferromagnetic ordering and metamagnetism in PrCuSi. European Physical Journal B, 2010, 74, 9-18.	1.5	12
170	Magnetism and electronic correlations in the iron aluminides $\text{RFe}_2\text{Al}_{10}$ ($\text{R} = \text{Y}, \text{Yb}$). Physica Status Solidi - Rapid Research Letters, 2010, 4, 356-358.	2.4	16
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