

Martin DiviÅ;

List of Publications by Year in descending order

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times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic, magneto-optical, and structural properties of URhAl from first-principles calculations. Physical Review B, 2001, 63, .	1.1	157
2	Rare earth borocarbides: Electronic structure calculations and electric field gradients. Physical Review B, 2000, 62, 6774-6785.	1.1	72
3	Importance of anharmonic terms in the analysis of the specific heat of UNi ₂ Si ₂ . Physical Review B, 2001, 63, .	1.1	54
4	Heavy fermion behavior of U ₂ T ₂ X compounds. Journal of Applied Physics, 1994, 76, 6214-6216.	1.1	50
5	U ternaries with ZrNiAl structure " lattice properties. Journal of Alloys and Compounds, 2001, 322, 7-13.	2.8	47
6	Structural, magnetic, electronic and transport properties of NdCu ₂ . Journal of Physics Condensed Matter, 1991, 3, 9297-9318.	0.7	43
7	Synthesis and characterization of compounds Sr ₂ RMCu ₂ O ₈ (R=Pr, Nd, Sm, Eu, Gd; M=Nb, Ta). Physical Review B, 1995, 52, 1389-1404.	1.1	41
8	Electronic properties of a URhGe single crystal. Physica B: Condensed Matter, 2002, 311, 220-232.	1.3	40
9	Crystal field in rare earth intermetallics with CsCl structure. Physica B: Condensed Matter, 1995, 205, 353-364.	1.3	39
10	Magnetism in RENiAl compounds. Journal of Applied Physics, 1993, 73, 5677-5679.	1.1	37
11	First principles study on the local magnetic anisotropy near surfaces of Dy ₂ Fe ₁₄ B and Nd ₂ Fe ₁₄ B magnets. Journal of Applied Physics, 2011, 109, .	1.1	35
12	Electronic structure of U ₂ T ₂ X intermetallic compounds. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1365-1366.	1.0	32
13	Magnetism in REPdSn (RE=La, Pr, Nd) compounds: A single-crystal study. Journal of Alloys and Compounds, 2009, 478, 1-8.	2.8	30
14	Electronic structure and hybridization in U ₂ T ₂ In (T = Co, Ni, Pd) intermetallics. Solid State Communications, 1994, 90, 99-103.	0.9	29
15	Magnetic properties of RCuAl and RNiAl compounds. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1139-1140.	1.0	29
16	Magnetic properties of NdNi ₂ B ₂ C from first principles calculations. Journal of Alloys and Compounds, 2005, 403, 29-33.	2.8	29
17	Structural discontinuity in the hexagonal Al ₂ T ₂ Co ₂ intermetallics: Neutron diffraction experiments and density-functional theory calculations. Physical Review B, 2008, 77, .	1.1	28
18	Electronic properties of U ₂ T ₂ Zr intermetallics: Neutron diffraction experiments and density-functional theory calculations. Physical Review B, 2015, 91, .	1.1	28

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19	Crystal field phenomena in rare earth cuprates. Journal of Alloys and Compounds, 1995, 225, 578-585.	2.8	27
20	Superconductivity in the Yb_2Si_2 and La_2Si_2 Polymorphs. Journal of the Physical Society of Japan, 2012, 81, 104715.	0.7	24
21	Magnetism of $\text{DyNi}_2\text{B}_2\text{C}$ nanoparticle investigated with a quantum simulation model. Physica Status Solidi (B): Basic Research, 2012, 249, 202-208.	0.7	24
22	Surface electronic structure of UGax films. Journal of Alloys and Compounds, 2001, 314, 7-14.	2.8	23
23	Anisotropic magnetic properties and specific-heat study of a TbFe_2Si_2 single crystal. Physical Review B, 2004, 70, .	1.1	23
24	Infrared study of the crystal-field excitations in NdMnO_3 in high magnetic fields. Physical Review B, 2005, 71, .	1.1	23
25	Crystal field effect in YbMnO_3 . Journal of Alloys and Compounds, 2008, 451, 662-665.	2.8	22
26	Crystal field in Nd_2CuO_4 . Solid State Communications, 1992, 82, 461-464.	0.9	21
27	Electronic structure and volume magnetostriction of rare-earth metals and compounds. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 357-363.	1.0	21
28	Electronic structure and magnetism of UCoGe from first principles. Physica B: Condensed Matter, 2008, 403, 2505-2508.	1.3	20
29	Magnetism in HoCo_2 and ErCo_2 under high pressure. Journal of Alloys and Compounds, 2001, 317-318, 438-442.	2.8	19
30	Magnetism of URhSi and URhGe : a density functional study. Journal of Alloys and Compounds, 2002, 337, 48-52.	2.8	19
31	Electronic and crystal structure of $\hat{1}\pm$ - and $\hat{1}^2$ - CeIr_2Si_2 . Physica B: Condensed Matter, 2009, 404, 3191-3194.	1.3	19
32	Samarium magnetism studied on SmPd crystal. Physical Review B, 2010, 81, .	2.1	19
33	Electronic Structure of UGa_3 Calculated by Tight Binding and LDA Methods. Physica Status Solidi (B): Basic Research, 1994, 182, K15.	0.7	18
34	Crystal field and magnetocrystalline anisotropy in ErNiAl . Physical Review B, 2001, 65, .	1.1	18
35	First Principles Calculation of the Crystal Field Splitting in Rare Earth Borocarbides. European Physical Journal D, 2002, 52, 283-286.	0.4	18
36	UH_3 -based ferromagnets: New look at an old material. Journal of Magnetism and Magnetic Materials, 2016, 400, 130-136.	1.0	18

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37	Heat capacity of Sm ₂ CuO ₄ and Sm _{1.85} Ce _{0.15} CuO ₄ . Journal of Magnetism and Magnetic Materials, 1992, 104-107, 479-480.	1.0	17
38	Electronic structure and crystal field in REMg and RERh (RE = rare earth) intermetallics. Physica B: Condensed Matter, 1993, 183, 25-32.	1.3	16
39	Crystal-field excitations in PrAl ₃ and NdAl ₃ at ambient and elevated pressure. Journal of Physics Condensed Matter, 2003, 15, 3257-3266.	0.7	16
40	Neutron scattering study of magnetic order in single-crystalline CeCuAl_3 . Physical Review B, 2015, 91, .	1.1	16
41	Influence of the magnetic anisotropy on the relaxation behaviour in DyCu ₂ and ErCu ₂ . Journal of Magnetism and Magnetic Materials, 1991, 98, 141-146.	1.0	15
42	Crystal Field in Some Rare Earth Intermetallics Analysed in Terms of the Superposition Model. Physica Status Solidi (B): Basic Research, 1991, 164, 227-234.	0.7	15
43	Magnetism in polymorphic phases: Case of PrIr_2 . Physical Review B, 2010, 81, .	1.1	15
44	Crystal Structure and Magnetic Properties of Uranium Hydride UH ₂ Stabilized as a Thin Film. Inorganic Chemistry, 2018, 57, 14727-14732.	1.9	15
45	On the magnetic structure of UNiGa. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 21-22.	1.0	14
46	Crystal structure and magnetism of RCr ₂ Si ₂ C compounds (R=La, Ce, Pr). Physica B: Condensed Matter, 2008, 403, 2338-2343.	1.3	14
47	Magnetism of PrAl ₂ nanoparticle investigated with a quantum simulation model. Journal of Physics Condensed Matter, 2011, 23, 016002.	0.7	14
48	Evolution of ferromagnetic and non-Fermi-liquid states with doping: The case of Ru-doped UCoGe. Physical Review B, 2015, 92, .	1.1	14
49	Antiferromagnetism and phase transitions in noncentrosymmetric UIrSi ₃ . Physical Review B, 2018, 97, .	1.1	14
50	Crystal field and magnetic relaxation in TmCu ₂ studied by ¹⁶⁹ Tm Mössbauer spectroscopy. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1283-1284.	1.0	13
51	Ferromagnetism in UCoGe stabilized by transition metal doping. Journal of Applied Physics, 2009, 105, 07E114.	1.1	13
52	Characterization and Magnetic Properties of Heavy Rare-Earth A ₂ Ir ₂ O ₇ Pyrochlore Iridates, the Case of Tm ₂ Ir ₂ O ₇ . Journal of Physical Chemistry C, 2020, 124, 20367-20376.	1.5	13
53	Magnetism in DyFe ₂ Si ₂ a single-crystal study. Physica B: Condensed Matter, 2005, 367, 19-28.	1.3	12
54	Magnetic properties and crystal field splitting of the rare-earth pyrochlore Er_2O_7 . Physical Review B, 2020, 102, .	1.1	12

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55	Magnetoelastic interactions in the orthorhombic RECu ₂ compounds (RE identical to Tb, Dy, Ho, Er, Tm). Journal of Physics Condensed Matter, 1990, 2, 7569-7573.	0.7	11
56	The Electronic Structure of Ni ₃ Sn and Ni ₂ CuSn Intermetallics. Physica Status Solidi (B): Basic Research, 1992, 173, K13.	0.7	11
57	Infrared transmission study of Pr ₂ CuO ₄ crystal-field excitations. European Physical Journal B, 2001, 23, 179-182.	0.6	11
58	Crystal field parameters of praseodymium in oxides. Physica Status Solidi (B): Basic Research, 2007, 244, 3168-3177.	0.7	11
59	Magnetic properties of rare-earth antiferromagnets studied using a two-ion model. Physical Review B, 2008, 78, .	1.1	11
60	Influence of symmetry on Sm magnetism studied on SmIr ₂ Si ₂ polymorphs. Journal of Alloys and Compounds, 2013, 574, 459-466.	2.8	11
61	Mutual verification of two new quantum simulation approaches for nanomagnets. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 62, 123-127.	1.3	11
62	On crystal-field spectroscopy based on specific heat and thermal expansion measurements: application to the TmCu ₂ intermetallic compound. Journal of Physics Condensed Matter, 1989, 1, 10153-10163.	0.7	10
63	Magnetism and crystal field in NdCu ₅ . Physica B: Condensed Matter, 1991, 168, 251-256.	1.3	10
64	Magnetic interaction and crystal field in ErCu ₂ Si ₂ . Journal of Magnetism and Magnetic Materials, 1995, 140-144, 909-910.	1.0	10
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73	First-principles calculation of crystal field parameters of Dy ions substituted for Nd in Nd-Fe-B magnets. Journal of Physics: Conference Series, 2011, 266, 012045.	0.3	9
74	Magnetization and electrical resistivity measurements on CeCuAl ₃ single crystal. Journal of Physics: Conference Series, 2015, 592, 012014.	0.3	9
75	Strong 5f Ferromagnetism in UH ₃ -Based Materials. MRS Advances, 2016, 1, 2987-2992.	0.5	9
76	Determination of the crystal-field parameters for CePtSn. Journal of Physics Condensed Matter, 1994, 6, 6895-6900.	0.7	8
77	Ab initio calculations of crystal field in MA ₂ (M ³⁺ = La, Y, Sc) Laves phases. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1117-1118.	1.0	8
78	Thermal expansion anomalies in REBa ₂ Cu ₃ O _{7-x} . Physica B: Condensed Matter, 1996, 223-224, 571-573.	1.3	8
79	Magnetic properties of single crystalline UFeSi. Journal of Alloys and Compounds, 2002, 335, 91-94.	2.8	8
80	Ab initio calculations of Curie temperatures in GdX compounds. Journal of Alloys and Compounds, 2006, 408-412, 930-933.	2.8	8
81	Polymorphism of Pr ₂ Si ₂ In situ XRPD experiments and theoretical calculations. Intermetallics, 2009, 17, 927-929.	1.8	8
82	Magnetic properties of RCr ₂ Si ₂ compounds (R=Tb, Er). Journal of Magnetism and Magnetic Materials, 2010, 322, 1140-1142.	1.0	8
83	Complex magnetic phase diagram of a geometrically frustrated Sm lattice: Magnetometry and neutron diffraction study of SmPd ₂ Al ₃ . Physical Review B, 2013, 87, .	1.1	8
84	XPS, UPS, and BIS study of pure and alloyed U ²⁺ -UH ₃ films: Electronic structure, bonding, and magnetism. Journal of Electron Spectroscopy and Related Phenomena, 2020, 239, 146904.	0.8	8
85	On the temperature dependence of the sublattice magnetizations in TbCu ₂ . Journal of Magnetism and Magnetic Materials, 1987, 68, 253-256.	1.0	7
86	Magnetoelastic interactions in RE ₂ CuO ₄ system. Solid State Communications, 1994, 90, 257-260.	0.9	7
87	Density functional prediction of a magnetic ground state of UFeSi. Journal of Alloys and Compounds, 2001, 321, 10-16.	2.8	7
88	Magnetism in rare earth Co ₂ compounds under high pressures. Journal of Applied Physics, 2001, 89, 7323-7325.	1.1	7
89	Local symmetry of the crystal-field Hamiltonian of CePtSnby polarized neutron scattering. Physical Review B, 2004, 69, .	1.1	7
90	Role of apical oxygen in 2-1-4 electron-doped superconductors. Physica C: Superconductivity and Its Applications, 2004, 408-410, 830-831.	0.6	7

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91	Electronic structure and lattice geometry of LaPtSn. Journal of Alloys and Compounds, 2004, 376, 28-33.	2.8	7
92	Magnetic properties of PrCr ₂ Si ₂ C single crystal. Journal of Applied Physics, 2009, 105, 07E105.	1.1	7
93	Specific heat study of R ₂ RhIn ₈ (R=Y, La, Lu) compounds. Solid State Communications, 2013, 163, 55-59.	0.9	7
94	Quantum Critical Behavior and Superconductivity in new multi-site Cerium Heavy Fermion Compound Ce ₃ PtIn ₁₁ . Journal of Physics: Conference Series, 2016, 683, 012005.	0.3	7
95	Specific-heat and Magnetization Studies in Ce(Ni _x Cu _{1-x}) ₅ Heavy-fermion Compounds. European Physical Journal D, 2004, 54, 311-314.	0.4	6
96	YPd ₂ Al ₃ A new superconducting compound. Journal of Alloys and Compounds, 2011, 509, 1401-1406.	2.8	6
97	Magnetism of ErNi ₂ B ₂ C investigated with a two-ion model for rare-earth antiferromagnets. Journal of Physics and Chemistry of Solids, 2011, 72, 983-987.	1.9	6
98	Success of a simulation approach for magnetic nanosystems: Power of physical laws. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 59, 27-32.	1.3	6
99	Magnetic properties of Czochralski-grown Ce ₂ Pd ₂ In single crystal. Journal of Magnetism and Magnetic Materials, 2016, 404, 250-256.	1.0	6
100	Magnetic properties of R ₂ CuAl ₃ (R= Pr and Nd) compounds. Journal of Alloys and Compounds, 2019, 781, 1189-1197.	2.8	6
101	Pressure variations of the 5f magnetism in UH ₃ . Journal of Magnetism and Magnetic Materials, 2020, 497, 165993.	1.0	6
102	Insight into the physics of the $5f$ -band antiferromagnet $U_{2-x}Ni_x$ from the pressure dependence of crystal structure and electrical resistivity. Physical Review B, 2021, 1	1.1	6
103	Crystal field in TmCu ₂ compound. Journal of Magnetism and Magnetic Materials, 1988, 76-77, 197-198.	1.0	5
104	The Influence of Crystal Field Splitting on the Paramagnetic Magnetisation of TmCu ₂ . Physica Status Solidi (B): Basic Research, 1989, 153, K69.	0.7	5
105	Calculations of magnetic transition temperatures of Gd-based compounds. Physica B: Condensed Matter, 2006, 378-380, 1079-1080.	1.0	5
106	Calculations of magnetic transition temperatures of Gd-based compounds. Physica B: Condensed Matter, 2006, 378-380, 1079-1080.	1.3	5
107	Magnetic ordering in NdRhSn. Physica B: Condensed Matter, 2007, 387, 161-166.	1.3	5
108	The electronic structure and crystal field of R ₂ Pt ₃ Si (R=Pr, Nd, Sm) compounds. Physica B: Condensed Matter, 2007, 400, 114-118.	1.3	5

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109	Specific heat and magnetic ordering of NdNi ₂ B ₂ C. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 371, 344-347.	0.9	5
110	Superconductivity and physical properties of a LaRhSn single crystal. Journal of Alloys and Compounds, 2008, 452, 241-244.	2.8	5
111	Magnetism in PrRhSn studied on a single crystal. Journal of Alloys and Compounds, 2008, 460, 26-30.	2.8	5
112	Magnetism in PrIr ₂ Si ₂ : A single crystal study. Journal of Magnetism and Magnetic Materials, 2010, 322, 1153-1155.	1.0	5
113	Structural and electronic properties of YPd ₅ Al ₂ . Physica B: Condensed Matter, 2012, 407, 276-279.	1.3	5
114	A new combined quantum simulation approach for nanomagnets. Physica E: Low-Dimensional Systems and Nanostructures, 2013, 47, 128-133.	1.3	5
115	High field magnetization of a NdCu ₂ single crystal. Physica B: Condensed Matter, 1995, 211, 172-174.	1.3	4
116	Magnetization study of UCo _{1-x} TxAl (T=Fe, Ni) single crystals. Physica B: Condensed Matter, 2002, 319, 199-207.	1.3	4
117	A computational model for rare-earth ferrimagnets and antiferromagnets. Physica B: Condensed Matter, 2005, 367, 48-52.	1.3	4
118	Influence of isoelectronic substitutions on the magnetism of UCoAl. Physical Review B, 2005, 71, .	1.1	4
119	Exchange interactions and crystal-field effects in HoX (, Cd, Cu, Mg, Rh, Zn) intermetallic compounds. Physica B: Condensed Matter, 2006, 381, 265-270.	1.3	4
120	Local moments, exchange interactions, and magnetic order in Mn-doped LaFe ₂ Si ₂ alloys. Journal of Magnetism and Magnetic Materials, 2007, 316, e403-e406.	1.0	4
121	Specific heat and magnetic ordering of ErBi studied with crystal-field theory in the mean-field approach. Physica B: Condensed Matter, 2008, 403, 3439-3442.	1.3	4
122	Electronic structure and magnetism of MnFeP _{1-x} Si _x alloys from first-principles calculations. Physica B: Condensed Matter, 2008, 403, 3276-3278.	1.3	4
123	Magnetism and Magnetic Structure of NdCr ₂ Si ₂ C. Journal of Physics: Conference Series, 2010, 251, 012018.	0.3	4
124	Magnetism in GdCo ₂ B ₂ Studied on a Single Crystal. Journal of the Physical Society of Japan, 2014, 83, 054713.	0.7	4
125	Uranium ferromagnet with negligible magnetocrystalline anisotropy:U ₄ Ru ₇ Ge ₆ . Physical Review B, 2017, 95, .	1.1	4
126	Magnetization and specific heat study on a SmCuAl ₃ single crystal. Journal of Alloys and Compounds, 2020, 822, 153595.	2.8	4

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127	Magnetic phase transitions in $Tm(Cu_{1-x}Ni_x)_2$. Journal of Magnetism and Magnetic Materials, 1990, 83, 297-299.	1.0	3
128	Importance of higher order terms in CF Hamiltonian for interpretation of magnetization curves in $Tb(Cu_{0.7}Ni_{0.3})_2$. Journal of Magnetism and Magnetic Materials, 1990, 88, 383-386.	1.0	3
129	4f-levels in rare earth cuprates. Journal of Alloys and Compounds, 2001, 323-324, 549-553.	2.8	3
130	Semi-empirical and ab-initio calculations of the crystal field interaction in rare earth cuprates. Journal of Alloys and Compounds, 2001, 323-324, 567-571.	2.8	3
131	On the Usefulness of the LDA+U Calculations of the Crystal Field in Insulators. European Physical Journal D, 2004, 54, 291-294.	0.4	3
132	Magnetism in $RECo_2$ compounds under pressure. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E383-E385.	1.0	3
133	Magnetic properties of $NdCr_2Si_2C$ single crystal. Journal of Physics: Conference Series, 2010, 200, 032024.	0.3	3
134	Magnetic and thermodynamic properties of $DyFe_2Si_2$ further investigated with crystal-field theory and two-ion model. Journal of Physics and Chemistry of Solids, 2010, 71, 1447-1450.	1.9	3
135	Magnetic Studies of Ternary Germanides $U_3Co_4Ge_7$ and $U_3Co_2Ge_7$ with Strong Uniaxial Anisotropy. Journal of the Physical Society of Japan, 2012, 81, 094703.	0.7	3
136	Properties of the divalent-Yb compound $YbAu_2Si_2$ under extreme conditions. Physica B: Condensed Matter, 2017, 505, 41-44.	1.3	3
137	Magnetic phase diagram of UNi_2Si_2 under pressure. Physica B: Condensed Matter, 2001, 304, 477-482.	1.3	2
138	Magnetic Phase Transitions in $CePtSn$. European Physical Journal D, 2002, 52, 259-262.	0.4	2
139	Neutron polarization analysis study of crystal field excitations in $CePtSn$. Physica B: Condensed Matter, 2003, 335, 26-29.	1.3	2
140	Magnetic moment densities in selected UTX compounds. Physica B: Condensed Matter, 2004, 350, E131-E134.	1.3	2
141	First-principles study of magnetism in $NpRhAl$. Physica B: Condensed Matter, 2006, 371, 332-336.	1.3	2
142	The magnetic properties of $DyFe_2Si_2$ and its crystal field levels. Physica Status Solidi (B): Basic Research, 2009, 246, 1372-1376.	0.7	2
143	Electronic structure of $RTAl$ ($R=Y, Lu$; $T=Ni, Cu$ and Pd) compounds. Physica B: Condensed Matter, 2010, 405, 862-865.	1.3	2
144	Anisotropic magnetic properties of RE_2CoIn_8 ($RE=Pr, Nd, Dy$) compounds. Physica B: Condensed Matter, 2014, 444, 65-69.	1.3	2

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145	Single crystal study of layered UnRhIn _{3n+2} materials: Case of the novel U ₂ RhIn ₈ compound. Journal of Magnetism and Magnetic Materials, 2015, 381, 310-315.	1.0	2
146	Low-temperature magnetic phase diagram and specific heat of Nd ₂ IrIn ₈ . Physica B: Condensed Matter, 2016, 483, 94-98.	1.3	2
147	Effect of lattice distortion on uranium magnetic moments in U ₄ Ru ₇ Ge ₆ studied by polarized neutron diffraction. Physical Review B, 2018, 97, .	1.1	2
148	Experimental and first-principle study of LuPd ₂ Si ₂ superconductor. Intermetallics, 2018, 100, 171-174.	1.8	2
149	LaPt ₂ Al ₂ - new superconducting material. Journal of Alloys and Compounds, 2020, 848, 156360.	2.8	2
150	Magnetism and Crystal Field in PrCuAl ₃ and NdCuAl ₃ . Acta Physica Polonica A, 2017, 131, 964-966.	0.2	2
151	La ₂ Pd ₂ In: superconductivity and lattice properties at ambient and elevated pressures. Journal of Physics Condensed Matter, 2022, 34, 145403.	0.7	2
152	Specific heat study of Tm _x Y _{1-x} Cu ₂ . Solid State Communications, 1992, 81, 619-621.	0.9	1
153	Density functional theory of the crystal field in dioxides. European Physical Journal D, 1996, 46, 1929-1930.	0.4	1
154	Comment on 'The electronic structure of CaCuO ₂ and SrCuO ₂ '. Journal of Physics Condensed Matter, 2000, 12, 5809-5812.	0.7	1
155	Inelastic neutron scattering spectra in f-electron compounds: first-principles calculations. Applied Physics A: Materials Science and Processing, 2002, 74, s772-s774.	1.1	1
156	LSDA+U Calculations of UIrAl and UPtAl. European Physical Journal D, 2004, 54, 363-366.	0.4	1
157	First principles study of magnetism of NpTAl compounds. Journal of Magnetism and Magnetic Materials, 2007, 310, 1033-1034.	1.0	1
158	Electronic structure and magnetism of NpTAl (T=Co, Ni, Rh, Ir and Pt) and NpNiGa from first-principles calculations. Physica B: Condensed Matter, 2008, 403, 170-173.	1.3	1
159	Electronic structure and magnetism of PrNixPt _{1-x} compounds. Journal of Alloys and Compounds, 2008, 450, 118-127.	2.8	1
160	First-principles study of the structural properties and magnetism of R ₂ CoIn ₈ (R=Y, Pr, Nd, and Dy) intermetallic compounds. Physica B: Condensed Matter, 2012, 407, 2524-2526.	1.3	1
161	Weakly anisotropic ferromagnet EuRu ₂ P ₂ : Ambient and hydrostatic pressure characterization. Journal of Alloys and Compounds, 2021, 864, 158753.	2.8	1
162	Theory of Spontaneous Volume Magnetostriction in Rare-earth-based Systems. European Physical Journal D, 2004, 54, 279-282.	0.4	0

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163	The magnetism of PrPd ₂ Ga ₃ . Physica B: Condensed Matter, 2007, 393, 83-87.	1.3	0
164	Magnetic properties of PrRhIn ₅ —Experimental study and ab initio calculations. Physica B: Condensed Matter, 2008, 403, 3937-3941.	1.3	0
165	Crystal field calculations for alloys. Physica B: Condensed Matter, 2009, 404, 2091-2093.	1.3	0
166	Magnetic phase transitions in SmPd ₂ Al ₃ . Journal of Physics: Conference Series, 2010, 200, 032058.	0.3	0
167	First-principles calculations of magnetic properties of LuFe ₆ Al ₆ and UFe ₆ Al ₆ . Physica B: Condensed Matter, 2010, 405, 2742-2744.	1.3	0
168	First-principles study of the structural properties and magnetism of NpNiSn. Physica B: Condensed Matter, 2011, 406, 2898-2900.	1.3	0
169	Verification of a new quantum simulation approach through its application to two-dimensional Ising lattices. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 66, 170-175.	1.3	0
170	Peculiar properties of UMB ₄ (M=V, Cr, Mo, W) uranium borides. Advances in Applied Ceramics, 2019, 118, 189-195.	0.6	0
171	Magnetism in PrPdSn and NdPdSn studied on single crystals. International Journal of Materials Research, 2009, 100, 1190-1192.	0.1	0