Jesus Rodriguez Fernandez

List of Publications by Year
in descending order

149	2,058	257429	330122
papers	citations	24 h-index	37 g-index

151	151	151	2229
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interplay between microstructure and magnetism in NiO nanoparticles: breakdown of the antiferromagnetic order. Nanoscale, 2014, 6, 457-465.	5.6	90
2	Specific heat ofCeNixPt1âˆ’xpseudobinary compounds and related dilute alloys. Physical Review B, 1994, 49, 15126-15132.	3.2	87
3	Spin-glass behavior in a three-dimensional antiferromagnet ordered phase: Magnetic structure ofCo2(OH)(PO4). Physical Review B, 2002, 66, .	3.2	57
4	Enhancement of the Luminescent Properties of a New Red-Emitting Phosphor, Mn₂(HPO₃)F₂, by Zn Substitution. Inorganic Chemistry, 2011, 50, 12463-12476.	4.0	54
5	Magnetovolume and magnetocaloric effects in Er<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>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>17</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 86, .	3.2	49
6	A Magnetic Ionic Liquid Based on Tetrachloroferrate Exhibits Threeâ€Dimensional Magnetic Ordering: A Combined Experimental and Theoretical Study of the Magnetic Interaction Mechanism. Chemistry - A European Journal, 2014, 20, 72-76.	3.3	48
7	Magnetic and magnetocaloric properties of martensitic Ni2Mn1.4Sn0.6 Heusler alloy. Journal of Magnetism and Magnetic Materials, 2012, 324, 3519-3523.	2.3	46
8	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CdEr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mi><mml:r A New Erbium Spin Ice System in a Spinel Structure. Physical Review Letters, 2010, 104, 247203.	7.8	45
9	Long-range magnetic ordering in magnetic ionic liquid: Emim[FeCl4]. Journal of Physics Condensed Matter, 2010, 22, 296006.	1.8	43
10	Antiferromagnetic ordering in magnetic ionic liquid Emim[FeCl4]. Journal of Magnetism and Magnetic Materials, 2011, 323, 1254-1257.	2.3	43
11	Anionâˆ’Ï€ and Halideâ€“Halide Nonbonding Interactions in a New Ionic Liquid Based on Imidazolium Cation with Three-Dimensional Magnetic Ordering in the Solid State. Inorganic Chemistry, 2014, 53, 8384-8396.	4.0	43
12	Hydrogenation of the ternary compounds CeNiX (X=Al, Ga, In, Si, Ge and Sn): influence on the valence state of cerium. Journal of Alloys and Compounds, 2004, 383, 4-9.	5.5	41
13	Hydrogenation inducing antiferromagnetism in the heavy-fermion ternary silicide CeRuSi. Physical Review B, 2008, 77, .	3.2	40
14	Magnetic and electrical properties of GdNi1-xCuxcompounds. Journal of Physics Condensed Matter, 1992, 4, 8233-8244.	1.8	35
15	Structural and Magnetocaloric Properties of the New Ternary Silicides Gd₆M_{5/3}Si₃ with M = Co and Ni. Chemistry of Materials, 2008, 20, 2972-2979.	6.7	35
16	Li1.43[FeII4.43FeIII0.57(HPO3)6]Â·1.5H2O: A Phosphite Oxoanion-Based Compound with Lithium Exchange Capability and Spin-Glass Magnetic Behavior. Chemistry of Materials, 2011, 23, 4317-4330.	6.7	34
17	Magnetic ground state ofCeNi1âˆ’xCux: A calorimetric investigation. Physical Review B, 2005, 71, .	3.2	33
18	Influence of clustering on the magnetic properties and hyperthermia performance of iron oxide nanoparticles. Nanotechnology, 2018, 29, 425705.	2.6	31

#	Article	IF	Citations
19	Stable organic radical stacked by in situ coordination to rare earth cations in MOF materials. RSC Advances, 2012, 2, 949-955.	3.6	29
20	Pressure Effects on Emim[FeCl₄], a Magnetic Ionic Liquid with Three-Dimensional Magnetic Ordering. Journal of Physical Chemistry B, 2013, 117, 3198-3206.	2.6	29
21	From antiferromagnetic ordering to spin fluctuation behavior induced by hydrogenation of ternary compounds CeCoSi and CeCoGe. Physica B: Condensed Matter, 2006, 378-380, 795-796.	2.7	28
22	Magnetocaloric properties of amorphous GdNiAl obtained by mechanical grinding. Applied Physics A: Materials Science and Processing, 2005, 80, 601-606.	2.3	27
23	Size-induced superantiferromagnetism with reentrant spin-glass behavior in metallic nanoparticles of TbCu2. Physical Review B, 2013, 87, .	3.2	26
24	On the Colossal and Highly Anisotropic Thermal Expansion Exhibited by Imidazolium Salts. Crystal Growth and Design, 2015, 15, 5207-5212.	3.0	26
25	Structural, Thermal, Spectroscopic, Specific-Heat, and Magnetic Studies of (C5H18N3)[Fe3(HPO3)6]Â·3H2O:Â A New Organically Templated Iron(III) Phosphite with a Pillared Structure Formed by the Interpenetration of Two Subnets. Inorganic Chemistry, 2006, 45, 8965-8972.	4.0	25
26	Effect of Ni2+(S = 1) and Cu2+(S = Â½) substitution on the antiferromagnetic ordered phase Co2(OH)PO4with spin glass behaviour. Journal of Materials Chemistry, 2004, 14, 1157-1163.	6.7	24
27	Size effects in the magnetic behaviour of TbAl2milled alloys. Journal of Physics Condensed Matter, 2007, 19, 186214.	1.8	24
28	Neutron scattering on the strongly correlated electron CeNi Cu system: from non-magnetic behaviour to long-range magnetic order. European Physical Journal B, 2000, 18, 625-632.	1.5	23
29	Magnetic evolution of the antiferromagnetic Co2â€“xCux(OH)PO4 (0 â‰¤xâ‰¤ 2) solid solution. A neutron diffraction study. Journal of Materials Chemistry, 2007, 17, 3915.	6.7	23
30	Sinusoidal magnetic structure in a three-dimensional antiferromagneticCo2(OH)AsO4: Incommensurate-commensurate magnetic phase transition. Physical Review B, 2010, 81, .	3.2	23
31	Magnetic ionic plastic crystal: choline[FeCl4]. Physical Chemistry Chemical Physics, 2013, 15, 12724.	2.8	23
32	Microstructural-defect-induced Dzyaloshinskii-Moriya interaction. Physical Review B, 2019, 99, .	3.2	23
33	Combined effect of magnetic field and hydrostatic pressure on the phase transitions exhibited by Ni-Mn-In metamagnetic shape memory alloy. Acta Materialia, 2020, 193, 1-9.	7.9	23
34	Magnetic relaxation in the nanoscale granular alloyFe20Cu20Ag60. Physical Review B, 2001, 64, .	3.2	22
35	Influence of Ceâ€“H bonding on the physical properties of the hydrides CeCoSiH1.0and CeCoGeH1.0. Journal of Physics Condensed Matter, 2006, 18, 6045-6056.	1.8	22
36	Reduction of the Yb valence in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YbAl</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:ms Physical Review B, 2008, 78, .	3.2	22

#	Article	IF	Citations
37	Magnetic ordering induced by the hydrogenation of the ternary stannide CeNiSn. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 576-578.	2.3	21
38	1-Ethyl-2,3-dimethylimidazolium paramagnetic ionic liquids with 3D magnetic ordering in its solid state: synthesis, structure and magneto-structural correlations. RSC Advances, 2015, 5, 60835-60848.	3.6	21
39	Phonon softening on the specific heat of nanocrystalline metals. Nanotechnology, 2010, 21, 445702.	2.6	20
40	Synthesis of superparamagnetic iron(iii) oxide nanowires in double-walled carbon nanotubes. Chemical Communications, 2009, , 6664.	4.1	19
41	YbNi2: A heavy fermion ferromagnet. Solid State Communications, 2012, 152, 1834-1837.	1.9	19
42	Specific heat of GdNi1 â^' xCux compounds. Solid State Communications, 1994, 89, 389-392.	1.9	18
43	First order ferromagnetic transition in binaryCeIn2. Physical Review B, 2009, 80, .	3.2	17
44	3D Magnetically Ordered Open Supramolecular Architectures Based on Ferrimagnetic Cu/Adenine/Hydroxide Heptameric Wheels. Inorganic Chemistry, 2016, 55, 7755-7763.	4.0	17
45	Magnetic and nonmagnetic contributions to the heat capacity of metamagnetic shape memory alloy. Journal of Applied Physics, 2017, 121, .	2.5	17
46	Structural and physical properties of a new reversible and continuous thermochromic ionic liquid in a wide temperature interval: [BMIM]₄[Ni(NCS)₆]. New Journal of Chemistry, 2018, 42, 15561-15571.	2.8	16
47	From intermediate valence to magnetic behavior without long-range order by hydrogenation of the ternary gallide CeNiGa. Physical Review B, 2005, 71, .	3.2	15
48	Lanthanide phosphonates: Synthesis, thermal stability and magnetic characterization. Journal of Alloys and Compounds, 2012, 536, S499-S503.	5.5	15
49	Magnetic phase diagram of superantiferromagnetic TbCu2nanoparticles. Journal of Physics Condensed Matter, 2015, 27, 496002.	1.8	15
50	Magnetic structures of (Co2â^'xNix)(OH)PO4(x= 0.1,0.3) spin glass-like state in antiferromagnetically ordered phases. Journal of Physics Condensed Matter, 2006, 18, 3767-3787.	1.8	14
51	Synthesis, Spectroscopic and Magnetic Properties of the Co2(OH)(PO4)1-x(AsO4)x [0â€‰â‰â€‰xâ€‰â‰â€‰1] Solid Solution. European Journal of Inorganic Chemistry, 2010, 2010, 2514-2522.	2.0	13
52	Thermal annealing effects on the magnetic behavior of Ce2NiSi3. Journal of Magnetism and Magnetic Materials, 2010, 322, 3192-3195.	2.3	13
53	Disentangling magnetic core/shell morphologies in Co-based nanoparticles. Journal of Materials Chemistry C, 2016, 4, 2302-2311.	5.5	13
54	Dynamically slow solid-to-solid phase transition induced by thermal treatment of DimimFeCl₄ magnetic ionic liquid. Physical Chemistry Chemical Physics, 2016, 18, 21881-21892.	2.8	13

#	Article	IF	Citations
55	Magnetic Structure, Single-Crystal to Single-Crystal Transition, and Thermal Expansion Study of the (Edimim)[FeCl₄] Halometalate Compound. Inorganic Chemistry, 2018, 57, 1787-1795.	4.0	13
56	Synthesis, microstructure and volumetry of novel metal thiocyanate ionic liquids with [BMIM] cation. Journal of Molecular Liquids, 2019, 283, 638-651.	4.9	13
57	Overview of the magnetic properties of the ferromagnetic Kondo system CeNixPt1-x, and its related diluted alloys. Journal of Magnetism and Magnetic Materials, 1990, 90-91, 145-147.	2.3	12
58	Magnetic susceptibility, specific heat and magnetic structure of CuNi2(PO4)2. Journal of Solid State Chemistry, 2006, 179, 3052-3058.	2.9	12
59	Evolution from Kondo ferromagnet to intermediate valence in the CexY1-xNi0.8Pt0.2system. Journal of Physics Condensed Matter, 1990, 2, 677-686.	1.8	11
60	Thermoelectric Power of CePt1-xNix. Journal of the Physical Society of Japan, 2002, 71, 2829-2831.	1.6	11
61	Hydrogen induced antiferromagnetism in CeNiSn studied by heat capacity and magnetocaloric effect. Journal of Magnetism and Magnetic Materials, 2007, 310, 383-385.	2.3	11
62	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0001.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>YbNiAl</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow A new Yb-based antiferromagnet with a field-induced ferromagnetic order. Physica B: Condensed Matter, 2009, 404, 2938-2941.	2.7	11
63	Synthesis, crystal structure and magnetic characterization of metal(II) coordination polymers based on 2-carboxyethylphosphonic acid and 1,10-phenanthroline (metal=Cu, Co, Cd). Journal of Solid State Chemistry, 2011, 184, 3289-3298.	2.9	11
64	Magnetostructural correlations in the antiferromagnetic Co2â^'x Cux(OH)AsO4 (x=0 and 0.3) phases. Journal of Solid State Chemistry, 2011, 184, 2075-2082.	2.9	11
65	Crystal structure, magneto-structural correlation, thermal and electrical studies of an imidazolium halometallate molten salt: (trimim)[FeCl4]. RSC Advances, 2020, 10, 11200-11209.	3.6	11
66	Decoupled structural and non-collinear magnetic phase transitions in Fe(ND3)2PO4. Acta Materialia, 2010, 58, 1741-1749.	7.9	10
67	Magnetism and magnetocaloric effect of single-crystal Er<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>Si<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>under pressure. Physical Review B, 2012, 85, .	3.2	10
68	Hydrothermal synthesis and physicochemical properties of ruthenium(0) nanoparticles. Journal of Alloys and Compounds, 2012, 536, S437-S440.	5.5	10
69	Spin-glass freezing in a Niâ€“vermiculite intercalation compound. Journal of Physics Condensed Matter, 2012, 24, 346001.	1.8	10
70	Investigating the Size and Microstrain Influence in the Magnetic Order/Disorder State of GdCu2 Nanoparticles. Nanomaterials, 2020, 10, 1117.	4.1	10
71	Magnetic properties of M(PO3)3(M = Fe, Mo). A comparative neutron diffraction study. Journal of Materials Chemistry, 2003, 13, 1723-1730.	6.7	9
72	Double magnetic phase transition inND4Fe(DPO4)2andNH4Fe(HPO4)2. Physical Review B, 2010, 82, .	3.2	9

#	Article	IF	Citations
73	Synthesis and comparative study of Co(pym)(VO3)2 and [Co(H2O)2(VO3)2]Â·2H2O. Dalton Transactions, 2012, 41, 14170.	3.3	9
74	A New Partially Deprotonated Mixed-Valence Manganese(II,III) Hydroxideâ€“Arsenate with Electronic Conductivity: Magnetic Properties of High- and Room-Temperature Sarkinite. Inorganic Chemistry, 2012, 51, 5246-5256.	4.0	9
75	Ferromagnetism in orthorhombic RAgAl 3 (R = Ce and Pr) compounds. Physica B: Condensed Matter, 2017, 521, 128-133.	2.7	9
76	Crystallographic study and magnetic structures of CeNixPt1âˆ’x and diluted related compounds. Solid State Communications, 1993, 87, 863-868.	1.9	8
77	Simultaneous changes of the 4f-conduction band hybridization and the density of states in the CeNi1âˆ’xCux compounds. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 300-302.	2.3	8
78	Antiferromagnetic Kondo lattice behaviour of YbNiAl2 alloy. Journal of Alloys and Compounds, 2010, 502, 275-278.	5.5	8
79	Magnetic structures of the orthorhombic GdNi1âˆ’xCux compounds. Physica B: Condensed Matter, 1992, 180-181, 100-104.	2.7	7
80	Interplay between spin-glass and non-Fermi-liquid behavior inY1âˆ’xUxPd3. Physical Review B, 2006, 74, .	3.2	7
81	Magnetocaloric effect in (La0.55Bi0.15)Ca0.3MnO3 perovskites. Sensors and Actuators A: Physical, 2008, 142, 549-553.	4.1	7
82	First-order nature of the ferromagnetism in CeIn2investigated using muon spin rotation and by systematic substitution of La for Ce. Physical Review B, 2011, 84, .	3.2	7
83	Exploring the Different Degrees of Magnetic Disorder in TbxR1âˆ’xCu2 Nanoparticle Alloys. Nanomaterials, 2020, 10, 2148.	4.1	7
84	Thermal expansion in CexY1âˆ’xNi0.8Pt0.2. Solid State Communications, 1993, 87, 735-739.	1.9	6
85	The spin-glass state of Y1âˆ’xUxPd3. Journal of Applied Physics, 1996, 79, 6364.	2.5	6
86	Magnetocaloric effect induced by hydrogen absorption in CeNiIn. Physica B: Condensed Matter, 2006, 378-380, 799-800.	2.7	6
87	Unusual magnetic properties in Pr1âˆ’xSrxFe0.8Ni0.2O3âˆ’Î´â€‚(xâ‰‰0.3). Journal of Applied Physics, 2008, 103, 033902.	2.5	6
88	Heat capacity and neutron diffraction studies on the frustrated magnetic Co2(OH)(PO4)1âˆ’x(AsO4)x [0â‰‰xâ‰‰1] solid solution. Journal of Solid State Chemistry, 2012, 188, 1-10.	2.9	6
89	Effects of pressure on the magnetic-structural and Griffiths-like transitions in Dy5Si3Ge. Physical Review B, 2013, 88, .	3.2	6
90	Specific heat and thermal expansion of CePt in the 0.7â€“300 K temperature range. Physica B: Condensed Matter, 1995, 206-207, 264-266.	2.7	5

#	Article	IF	Citations
91	Complex magnetic ordering inNdNi1â^'xCux:â€ƒDetermination of the magnetic structure by neutron diffraction. Physical Review B, 2004, 70, .	3.2	5
92	From ferromagnetism to incommensurate magnetic structures: A neutron diffraction study of the chemical substitution effects inTbPt1â^'xCux. Physical Review B, 2004, 70, .	3.2	5
93	Unconventional superconductivity in LaAg 1 â^' x Mn x : Relevance of spin-fluctuation-mediated pairing. Europhysics Letters, 2006, 74, 138-144.	2.0	5
94	Spinâ€“glass behavior of mechanically milled. Journal of Magnetism and Magnetic Materials, 2007, 310, e506-e508.	2.3	5
95	Influence of pressure on the magnetic ordering of CeNiSnH and CeNiSnH_{1.8}hydrides. Journal of Physics Condensed Matter, 2009, 21, 305601.	1.8	5
96	Magnetic small-angle neutron scattering on bulk metallic glasses: A feasibility study for imaging displacement fields. Physical Review Materials, 2017, 1, .	2.4	5
97	Study of the low-temperature resistivity behavior in Co-Si-B metallic glasses: magnetic and neutron diffraction characterization. Journal of Magnetism and Magnetic Materials, 1991, 101, 52-54.	2.3	4
98	Magnetic excitations in CeNixPt1â^'x ferromagnetic Kondo lattice compounds. Physica B: Condensed Matter, 1992, 180-181, 217-218.	2.7	4
99	Magnetic properties of. Physica B: Condensed Matter, 2006, 378-380, 847-848.	2.7	4
100	Antiferromagnetic-spin-fluctuation-mediated pairing as a likely mechanism for unconventional superconductivity in LaAg1â^'cMnc alloys. Journal of Applied Physics, 2009, 105, 073901.	2.5	4
101	Powder neutron diffraction investigation of the crystal and magnetic structures of NH4Fe(HPO4)2and its deuterated form. Journal of Physics: Conference Series, 2011, 325, 012014.	0.4	4
102	Magnetic Properties of TbAl₂ Nanometric Alloys. Journal of Nanoscience and Nanotechnology, 2012, 12, 7482-7485.	0.9	4
103	Phase stability and magnetic properties of a new cobalt(II) coordination polymer based on 2-carboxyethylphosphonate and 1,10â€²-phenanthroline. Journal of Alloys and Compounds, 2012, 536, S507-S510.	5.5	4
104	Synthesis and characterization of a chromium-piperazinium phosphate with unusual high thermal stability. Journal of Alloys and Compounds, 2012, 536, S485-S487.	5.5	4
105	Magnetic disorder in TbAl₂nanoparticles. Materials Research Express, 2015, 2, 075001.	1.6	4
106	Surfactant-assisted production of TbCu2 nanoparticles. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	4
107	Thermopower and electric resistivity of Ce1 â^' (La or Y) Ni0.8Pt0.2 Kondo system. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1223-1224.	2.3	3
108	Ferroâ€"antiferromagnetic crossover without volume changes in GdPt1 â^' xCux compounds. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 770-772.	2.3	3

#	Article	IF	Citations
109	The role of magnetic interactions on the stability of magnetic structures in RCu compounds (R = Ce,) Tj ETQq1 1 0.784314 rgBT /Ove	2.3	3
110	Pressure-induced antiferromagnetism in TbPt and TbPt 0.6 Cu 0.4 : a neutron-diffraction study. Applied Physics A: Materials Science and Processing, 2002, 74, s786-s788.	2.3	3
111	Structural characterization of NdNi(1â^'x)Cux compounds. Journal of Alloys and Compounds, 2004, 381, 63-65.	5.5	3
112	Magnetic-field dependence of the specific heat of Ce2CuIn3. Physica B: Condensed Matter, 2008, 403, 1609-1611.	2.7	3
113	Magnetization and specific heat of nanocrystalline rare-earth TbAl₂, TbCu₂and GdAl₂alloys. Journal of Physics: Conference Series, 2010, 200, 072080.	0.4	3
114	Transformation behavior of Niâ€“Mnâ€“Ga in the low-temperature limit. Journal of Physics Condensed Matter, 2012, 24, 276004.	1.8	3
115	Dynamics of AC susceptibility and coercivity behavior in nanocrystalline TbAl1.5Fe0.5 alloys. Journal of Magnetism and Magnetic Materials, 2013, 326, 58-65.	2.3	3
116	Fluorinated mixed valence Fe(<scp>ii</scp>)â€“Fe(<scp>iii</scp>) phosphites with channels templated by linear tetramine chains. Structural and magnetic implications of partial replacement of Fe(<scp>ii</scp>) by Co(<scp>ii</scp>). CrystEngComm, 2014, 16, 6066-6079.	2.6	3
117	Successive magnetic transitions in TbNiAl₂ studied by neutron diffraction. Journal of Physics: Conference Series, 2014, 549, 012020.	0.4	3
118	On the exchange bias effect in NiO nanoparticles with a core(antiferromagnetic)/shell (spin glass) morphology. Journal of Physics: Conference Series, 2015, 663, 012001.	0.4	3
119	Ax(H3O)2â^'xMn5(HPO3)6 (A = Li, Na, K and NH4): open-framework manganese(ii) phosphites templated by mixed cationic species. Dalton Transactions, 2016, 45, 12188-12199.	3.3	3
120	Breakdown of the coherence effects and Fermi liquid behavior in YbAl3nanoparticles. Journal of Physics Condensed Matter, 2018, 30, 135604.	1.8	3
121	Magnetoresistance behaviour of the ternary stannides CeNi0.86Sn2 and Ce3Ni2Sn7. Journal of Alloys and Compounds, 2001, 323-324, 435-439.	5.5	2
122	Effects of Pressure on the Magnetic and Structural Properties of GdCu. Journal of the Physical Society of Japan, 2007, 76, 51-53.	1.6	2
123	Exchange-enhanced spin fluctuations in a new unconventional superconductor. Journal of Magnetism and Magnetic Materials, 2007, 310, e313-e315.	2.3	2
124	Correlation between site preference of ternary Mn addition in LaAg and superconductivity. Journal of Applied Physics, 2008, 104, 013920.	2.5	2
125	Critical current density and flux pinning in an unconventional superconductor. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 374, 335-338.	2.1	2
126	Neutron powder diffraction investigation in ammonium iron(III) bis (hydrogenphosphate). Journal of Physics: Conference Series, 2012, 340, 012059.	0.4	2

#	Article	IF	Citations
127	Structural and disorder effects on the magnetic behavior of Ce(In 1â^'x Ni x) 2 alloys. Journal of Magnetism and Magnetic Materials, 2013, 345, 190-194.	2.3	2
128	Neutron Powder Diffraction study of the Magnetic Ionic Liquid Emim[FeCL₄] and its deuterated phase. Journal of Physics: Conference Series, 2015, 663, 012008.	0.4	2
129	Coexistence of ferromagnetism and spin glass state in YbNi2 nanoparticles. Journal of Magnetism and Magnetic Materials, 2019, 475, 264-270.	2.3	2
130	Breakdown of the linear physical behavior in a solid solution of a halometallate molten salt, (dimim)[Fe(Cl1â^'xBrx)4] 0â€¯â‰¤â€¯xâ€¯â‰¤â€¯1. Journal of Molecular Liquids, 2021, 325, 114570.	4.9	2
131	Magnetic and Heat Capacity Study of the new Gd_{1-x}Ce_xNi₅ Series. Acta Physica Polonica A, 2017, 131, 997-999.	0.5	2
132	Electrical resistivity in Co-Si-B amorphous compounds: appraisal of the structural and magnetic contributions. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 97-99.	2.3	1
133	Enhancement of the localized behavior in CeNi0.8Pt0.2Kondo compound replacing Ce by magnetic ions (Pr,Nd). Journal of Applied Physics, 1994, 76, 6118-6120.	2.5	1
134	Effect of pressure on the thermal expansion coefficient of CeNi0.8Pt0.2 and Ce0.8Y0.2Ni0.8Pt0.2. Physica B: Condensed Matter, 1994, 199-200, 506-508.	2.7	1
135	New aspects of the magnetic evolution of the CeNi1-Pt system. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 685-687.	2.3	1
136	Magnetic properties of U1â^'xPrxPd3 pseudo-binary compounds. Journal of Magnetism and Magnetic Materials, 1996, 161, 220-230.	2.3	1
137	Pressure Dependence on the Magnetic Structures of TbNi 1â^'x Cu x (x =0.3 & 0.4) Using Neutron Techniques. High Pressure Research, 2002, 22, 199-204.	1.2	1
138	Magnetic structures of the B and C type Cr(PO3)3metaphosphates. Journal of Materials Chemistry, 2004, 14, 992-1000.	6.7	1
139	Antiferromagnetic behaviour of Tb₂Al alloy. Journal of Physics: Conference Series, 2011, 325, 012023.	0.4	1
140	Unusual magnetic behaviour of binary YbNi3 alloy. Journal of Magnetism and Magnetic Materials, 2020, 494, 165815.	2.3	1
141	Pressure dependence of the Griffiths-like phase in 5:4 intermetallics. Physical Review B, 2020, 102, .	3.2	1
142	Electronâ€"quasiparticle interaction and CEF in PrCu. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 719-720.	2.3	0
143	A survey of UPd2(Al1 â^' xMx)3 compounds (M î—» Si, Ge). Journal of Magnetism and Magnetic Materials, 1999, 196-197, 895-897.	2.3	0
144	The evanescence of ferromagnetic order in the Ce $ mathsf {_{1-x}}$ Y $ mathsf {_{x}}$ Ni $ mathsf {_{0.8}}$ Pt $ mathsf {_{0.2}}$ dense Kondo system. European Physical Journal B, 2002, 28, 103-109.	1.5	0

#	Article	IF	Citations
145	Magnetic Properties of Polycrystalline PrCu2: A Quadrupolar Transition Material. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 941-948.	0.7	0
146	Substitutional effects of In by Cu in CeIn2. EPJ Web of Conferences, 2014, 75, 07003.	0.3	0
147	Low Temperature Magnetic Ordering of the Magnetic Ionic Plastic Crystal, Choline[FeCl₄]. Journal of Physics: Conference Series, 2015, 663, 012012.	0.4	0
148	TbPt0.7Cu0.3: A Critical Ferroâ€“Antiferromagnetic Compound Studied under Pressure. Journal of the Physical Society of Japan, 2007, 76, 37-38.	1.6	0
149	On the Determination of the Magnetocaloric Effect in the (La_{0.55}Bi_{0.15})Ca_{0.3}MnO₃ Perovskite. Sensor Letters, 2007, 5, 77-80.	0.4	0