

# Andrzej Kowalczyk

## List of Publications by Year in descending order

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179  
papers

1,368  
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430442

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189  
docs citations

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#	ARTICLE	IF	CITATIONS
1	Electronic structure of YbFe <sub>4</sub> Al <sub>8</sub> antiferromagnet: A combined X-ray photoelectron spectroscopy and first-principles study. <i>Journal of Alloys and Compounds</i> , 2022, 910, 164478.	2.8	1
2	Intermediate valence of CeNi <sub>2</sub> Al <sub>3</sub> compound and its evidences: Theoretical and experimental approach. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 145, 109576.	1.9	1
3	Thermoelectric properties of CeNi <sub>2</sub> Al <sub>3</sub> compound: an experimental and theoretical study. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	3
4	Thermal and electron transport studies on the valence fluctuating compound YbNiAl <sub>4</sub> . <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	4
5	Electronic Properties of CeNiAl <sub>4</sub> Based on ab initio Calculations and XPS Measurements. <i>Acta Physica Polonica A</i> , 2018, 133, 517-519.	0.2	2
6	Inhomogeneous Superconducting Behaviour in $\text{La}_{5}\text{Ni}_{2}\text{Si}_{3}$ . <i>Journal of Low Temperature Physics</i> , 2017, 189, 120-131.	0.6	2
7	Specific heat of the Ce(Cu <sub>1-x</sub> Ni <sub>x</sub> ) <sub>4</sub> Ga alloys. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 1946-1949.	0.7	2
8	Effect of La substitution on thermopower in Kondo lattice CeNiAl. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 393, 36-39.	1.0	1
9	Magnetic Properties and Magnetocaloric Effect of DyNi <sub>4</sub> Si. <i>Acta Physica Polonica A</i> , 2014, 126, 162-163.	0.2	4
10	Thermopower of Ce <sub>1-x</sub> La <sub>x</sub> Cu <sub>4</sub> Al in applied magnetic fields. <i>Journal of Alloys and Compounds</i> , 2014, 591, 293-296.	2.8	1
11	Thermal conductivity and Lorenz number of the Ce <sub>1-x</sub> La <sub>x</sub> NiAl <sub>4</sub> Kondo alloys. <i>Solid State Communications</i> , 2014, 193, 26-29.	0.9	3
12	Magnetic, thermodynamic and transport properties at the first and second order magnetic phase transitions in Dy <sub>5</sub> Si <sub>3</sub> compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 331, 144-150.	1.0	6
13	Magnetic, transport and electronic properties of SmNi <sub>4</sub> Si compound. <i>Journal of Alloys and Compounds</i> , 2013, 577, 19-24.	2.8	8
14	Thermal conductivity of CeNiAl <sub>4</sub> Kondo lattice. <i>Intermetallics</i> , 2013, 37, 65-68.	1.8	11
15	Magnetoresistivity of Ce <sub>1-x</sub> La <sub>x</sub> NiAl <sub>4</sub> compounds. <i>Journal of Applied Physics</i> , 2013, 113, 093704.	1.1	3
16	Thermal conductivity of Ce <sub>1-x</sub> La <sub>x</sub> Cu <sub>4</sub> Al Kondo alloys. <i>Journal of Applied Physics</i> , 2012, 111, 093725.	1.1	5
17	Thermopower of Ce <sub>1-x</sub> La <sub>x</sub> Cu <sub>4</sub> Al intermetallic compounds. <i>Intermetallics</i> , 2012, 20, 173-175.	1.8	10
18	Magnetic, transport and thermodynamic properties of Ce <sub>5</sub> Ni <sub>2</sub> Si <sub>3</sub> compound. <i>Solid State Sciences</i> , 2012, 14, 1496-1502.	1.5	5

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19	From Heavy Fermion and Spin-Glass Behavior to Magnetic Order in $CeT_{4-x}M_x$ Compounds. Acta Physica Polonica A, 2012, 121, 1014-1018.	0.2	1
20	Thermoelectric Power and Thermal Conductivity of Heavy Fermion $CeCu_4Al_x$ . Acta Physica Polonica A, 2012, 121, 1056-1058.	0.2	4
21	Magnetocaloric Effect in $NdNi_4Si$ Compound. Acta Physica Polonica A, 2012, 121, 1290-1292.	0.2	7
22	Magnetoresistivity of $Ce_{1-x}La_xCu_4Al$ compounds. Intermetallics, 2011, 19, 433-436.	1.8	9
23	Specific heat of $Ce_{1-x}La_xNiAl_4$ compounds. Intermetallics, 2011, 19, 970-973.	1.8	4
24	Heat capacity of $Ce_{1-x}La_xCu_4Al$ Kondo alloys. Journal of Alloys and Compounds, 2011, 509, 6135-6138.	2.8	15
25	Magnetocaloric effect in the ternary $DyCo_3B_2$ compound. Solid State Sciences, 2011, 13, 1865-1868.	1.5	14
26	X-ray photoemission and magnetometric studies of valence changes in $Ce(Cu_{1-x}Ni_x)_4Ga$ . Journal of Magnetism and Magnetic Materials, 2011, 323, 1678-1681.	1.0	10
27	Thermopower and thermal conductivity of Kondo lattice $CeCu_4Al$ . Journal of Applied Physics, 2011, 110, 043709.	1.1	8
28	Evolution from Kondo lattice to single-ion Kondo behaviour in system. Solid State Communications, 2010, 150, 1548-1551.	0.9	9
29	Valence fluctuations in $YbNiAl_4$ compound. Journal of Applied Physics, 2010, 107, .	1.1	17
30	Thermoelectric power in $(, Ni; , Ga)$ compounds. Journal of Alloys and Compounds, 2010, 490, 15-18.	2.8	40
31	Effects of La dilution on the $CeNiAl_4$ Kondo lattice. Journal of Alloys and Compounds, 2010, 505, 385-388.	2.8	8
32	Thermoelectric Properties of $CeCu_4Ag_x$ Compound. Acta Physica Polonica A, 2010, 118, 936-937.	0.2	5
33	Low Temperature Properties of the $Ce_{1-x}La_xNiAl_4$ . Acta Physica Polonica A, 2010, 118, 933-935.	0.2	1
34	Crystal field states in. Solid State Communications, 2009, 149, 2240-2243.	0.9	14
35	XPS and thermomagnetic characterization of the $CeNi_4Cr$ compound. Journal of Magnetism and Magnetic Materials, 2009, 321, 1121-1124.	1.0	4
36	Magnetic, electronic and thermodynamic properties of the heavy fermion compound $CeNiAl_4$ . Intermetallics, 2009, 17, 603-606.	1.8	8

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37	Magnetic and electronic properties of heavy fermion compound CeCu <sub>4</sub> In and valence fluctuating compound CeNi <sub>4</sub> In. Journal of Alloys and Compounds, 2009, 481, 40-43.	2.8	6
38	Heat Capacity of Heavy Fermion Compound CeCu <sub>4</sub> Ga in High Magnetic Fields. Acta Physica Polonica A, 2009, 115, 123-125.	0.2	4
39	Heat Capacity Studies of NdNi <sub>4</sub> Si Compound. Acta Physica Polonica A, 2009, 115, 126-128.	0.2	5
40	X-Ray Magnetic Circular Dichroism Studies on CeNi <sub>4</sub> B. Acta Physica Polonica A, 2009, 115, 129-131.	0.2	3
41	Neutron diffraction and magnetization measurements on CeNi <sub>4</sub> 2Mn0.8 and Y0.7Ni <sub>4</sub> 2Mn0.8. Physica Status Solidi (B): Basic Research, 2008, 245, 1202-1205.	0.7	3
42	Magnetic phase transition in YbNi <sub>4</sub> Si. Physica B: Condensed Matter, 2008, 403, 778-779.	1.3	0
43	Specific heat, electrical resistivity and thermoelectric power of YbNi <sub>4</sub> Si. Materials Research Bulletin, 2008, 43, 185-190.	2.7	10
44	Electronic and magnetic properties of heavy fermion CeCu <sub>4</sub> Al. Journal of Physics Condensed Matter, 2008, 20, 255252.	0.7	19
45	Thermodynamic and Electronic Properties of DyNiSi Compound. IEEE Transactions on Magnetics, 2008, 44, 3056-3059.	1.2	3
46	The effect of structure on flux instability and on the superconducting properties of the Mo <sub>2</sub> Re <sub>3</sub> Bx-Mo <sub>3</sub> Re <sub>2</sub> Bx eutectic. Superconductor Science and Technology, 2008, 21, 045008.	1.8	2
47	Thermoelectric Power of CeNi <sub>4</sub> Si and YbNi <sub>4</sub> Si Compounds. Acta Physica Polonica A, 2008, 113, 303-306.	0.2	2
48	The Electronic Structure and Specific Heat of YNi <sub>4</sub> Si. Acta Physica Polonica A, 2008, 113, 323-326.	0.2	2
49	Valence Band and Core Levels of Ce <sub>5</sub> Ni <sub>2</sub> Si <sub>3</sub> Crystal Studied by X-ray Photoemission Spectroscopy. Acta Physica Polonica A, 2008, 113, 327-330.	0.2	2
50	Heat Capacity and Susceptibility of CeCu <sub>4</sub> Al. Acta Physica Polonica A, 2008, 113, 425-428.	0.2	1
51	Electronic States of UNi <sub>2</sub> from Photoemission Spectroscopy. Acta Physica Polonica A, 2008, 113, 407-412.	0.2	0
52	Specific Heat of YbNi <sub>4</sub> Si Compound. Acta Physica Polonica A, 2008, 113, 641-644.	0.2	1
53	Magnetic, transport and high-pressure properties of a W <sub>7</sub> Re <sub>13</sub> B superconducting compound. Superconductor Science and Technology, 2007, 20, 728-735.	1.8	3
54	Synthesis and spectral characterization of sparteine and <b> <math>\lambda</math>-isoparteine complexes with copper(II) sulfate. Journal of Coordination Chemistry, 2007, 60, 2441-2448.	0.8	5

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55	Superconducting properties of W <sub>7</sub> Re <sub>13</sub> B compound. Journal of Alloys and Compounds, 2007, 442, 225-227.	2.8	1
56	Electronic structure and thermoelectric power of CeNi <sub>4</sub> Si. Journal of Alloys and Compounds, 2007, 440, 13-17.	2.8	26
57	Magnetic properties of hexagonal RNi <sub>4</sub> Si (R=rare earth) compounds. Journal of Alloys and Compounds, 2007, 442, 155-157.	2.8	21
58	Neutron diffraction and X-ray photoemission studies of the RNi <sub>4</sub> Cu compounds (R=Ce, Pr, Nd). Journal of Alloys and Compounds, 2007, 442, 286-288.	2.8	7
59	YbNi <sub>0.8</sub> Al <sub>4.2</sub> : A novel intermetallic compound with an enhanced thermoelectric power factor. Journal of Alloys and Compounds, 2007, 442, 355-357.	2.8	4
60	Physical properties of single crystalline CeNi <sub>4.2</sub> Mn <sub>0.8</sub> . Crystal Research and Technology, 2007, 42, 1348-1351.	0.6	7
61	Electrical resistivity and thermoelectric power of the Kondo lattice CeNiAl <sub>4</sub> . Solid State Communications, 2007, 144, 185-188.	0.9	13
62	Specific heat of CeNi <sub>4</sub> Si compound. Journal of Magnetism and Magnetic Materials, 2007, 316, e474-e476.	1.0	0
63	Superconducting Properties of Mo <sub>2</sub> Re <sub>3</sub> Bx-Mo <sub>3</sub> Re <sub>2</sub> BxEutectic. Acta Physica Polonica A, 2007, 111, 727-735.	0.2	2
64	Physical properties of the RNi <sub>4</sub> Cu (R=rare earth) compounds. Journal of Alloys and Compounds, 2006, 413, 1-6.	2.8	20
65	First principles study of electronic structure of CeNi <sub>4</sub> Cu. Intermetallics, 2006, 14, 1448-1451.	1.8	9
66	Electronic and transport properties of thin GdCo <sub>4</sub> B alloy films. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 101-104.	0.8	0
67	Electronic structure calculations and electrical resistivity of Dy(Co <sub>1-x</sub> Mx) <sub>2</sub> (M = Ni, Cu). Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 183-186.	0.8	2
68	Structure and magnetic properties of Sm-Ni-Cu compounds after mechanical treatment. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 175-178.	0.8	0
69	Electronic structure studies of DyNi <sub>4</sub> Cu. Physica Status Solidi (B): Basic Research, 2006, 243, 309-312.	0.7	0
70	Unusual negative magnetisation effect in antiferromagnetic YbFe <sub>4</sub> Al <sub>8</sub> compound. Physica Status Solidi (B): Basic Research, 2006, 243, 295-298.	0.7	17
71	Neutron diffraction on TmNi <sub>4</sub> Al. Physica Status Solidi (B): Basic Research, 2006, 243, 4064-4069.	0.7	2
72	YNi <sub>4</sub> Cu: XPS measurements and electronic structure calculation. Journal of Electron Spectroscopy and Related Phenomena, 2006, 151, 1-3.	0.8	1

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73	Electronic structure and magnetic properties of YbNi <sub>4</sub> Cu compound. Physica B: Condensed Matter, 2006, 378-380, 736-737.	1.3	0
74	Magnetic and electronic properties of the antiferromagnetic YbFe <sub>4</sub> Al <sub>8</sub> compound. Journal of Physics and Chemistry of Solids, 2006, 67, 751-755.	1.9	7
75	Valence state and magnetism of CeNi <sub>4</sub> Si and YbNi <sub>4</sub> Si. Solid State Communications, 2006, 139, 5-8.	0.9	19
76	X-ray photoemission and magnetic studies of ( , Cu, B). Physica B: Condensed Matter, 2006, 378-380, 1114-1115.	1.3	3
77	Magnetic properties and electronic structure of GdNi <sub>4</sub> Si compound. Journal of Magnetism and Magnetic Materials, 2006, 305, 348-351.	1.0	12
78	Intermediate valence behaviour of Yb in a new intermetallic compound YbNi <sub>0.8</sub> Al <sub>4.2</sub> . Journal of Physics Condensed Matter, 2006, 18, 10353-10363.	0.7	11
79	Specific heat in CeNi <sub>4</sub> Cu and YbNi <sub>4</sub> Cu. Journal of Physics Condensed Matter, 2006, 18, 3435-3441.	0.7	9
80	Negative Magnetisation and Absence of Superconductivity in RFe <sub>4</sub> Al <sub>8</sub> (R=Lu, Tj ETQq0 0.0,rgBT /Oyerrorlock 10	0.2	7
81	Superconductivity and Electronic Structure of the W <sub>7</sub> Re <sub>13</sub> B Compound. Acta Physica Polonica A, 2006, 109, 597-600.	0.2	2
82	Magnetic Properties of TbNi <sub>4</sub> Al and DyNi <sub>4</sub> Al Compounds: Investigation via Neutron Diffraction and Magnetometry.. ChemInform, 2005, 36, no.	0.1	0
83	Electronic band structure of the CeNi <sub>4</sub> Ga compound. Physica Status Solidi (B): Basic Research, 2005, 242, 433-437.	0.7	24
84	Specific heat of RNi <sub>4</sub> Al (R = Y, Ce, Nd) compounds. Physica Status Solidi (B): Basic Research, 2005, 242, R40-R42.	0.7	6
85	Magnetic, thermodynamic, electronic, and transport properties of CeNi <sub>4</sub> Al. Physical Review B, 2004, 70, .	1.1	38
86	Microwave absorption in carbon-doped YNi <sub>4</sub> B superconductors. Journal of Physics and Chemistry of Solids, 2004, 65, 623-626.	1.9	7
87	XPS Studies of Gd <sub>2</sub> Fe <sub>12</sub> Si <sub>2</sub> B Thin Films. European Physical Journal D, 2004, 54, 233-236.	0.4	0
88	Magnetic and Transport Properties of Crystalline and Amorphous Thin Films of Nd-Co-B. European Physical Journal D, 2004, 54, 241-244.	0.4	1
89	Mixed-valence and Kondo-like Effect in CeNi <sub>4</sub> X (X=B, Al, Ga). European Physical Journal D, 2004, 54, 287-290.	0.4	8
90	Electron-transport Properties and Electronic Structure of HoCo <sub>3</sub> Compound. European Physical Journal D, 2004, 54, 323-326.	0.4	2

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91	Electrical Resistivity and Electronic Structure of Nd <sub>3</sub> Co <sub>13</sub> B <sub>2</sub> Compound. European Physical Journal D, 2004, 54, 343-346.	0.4	1
92	Properties of HoNi <sub>4</sub> B Compound: X-ray Photoemission and Electronic Structure. European Physical Journal D, 2004, 54, 347-350.	0.4	3
93	Effect of Mechanical Alloying on the Structural and Magnetic Properties of DyNi <sub>4</sub> Al Compounds. European Physical Journal D, 2004, 54, 371-374.	0.4	1
94	Electronic properties of Nd <sub>3</sub> Co <sub>13</sub> B <sub>2</sub> compound. Solid State Communications, 2004, 132, 225-228.	0.9	4
95	Electronic structure of YbNi <sub>4</sub> B compound: experiment and theory. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E477-E478.	1.0	3
96	Magnetic properties of TbNi <sub>4</sub> Al and DyNi <sub>4</sub> Al compounds: investigation via neutron diffraction and magnetometry. Journal of Alloys and Compounds, 2004, 385, 28-32.	2.8	8
97	Low-temperature magnetic transitions in TmNi <sub>4</sub> B compound. Journal of Magnetism and Magnetic Materials, 2003, 267, 402-405.	1.0	4
98	Magnetic Characteristics of LnNi <sub>4</sub> B Compounds (Ln: Y, Pr, Sm, Tb, Ho and Er).. ChemInform, 2003, 34, no.	0.1	0
99	Magnetic and transport properties of amorphous and crystalline Gd <sub>2</sub> Fe <sub>12</sub> Cr <sub>2</sub> B films. Physica Status Solidi A, 2003, 196, 78-81.	1.7	1
100	The influence of mechanical alloying on the structural and physical properties of YNi <sub>4</sub> B compound. Physica Status Solidi A, 2003, 196, 201-204.	1.7	1
101	XPS and magnetic studies of SmNi <sub>4</sub> B compound. Physica Status Solidi A, 2003, 196, 294-296.	1.7	7
102	Electronic and transport properties of Dy <sub>2</sub> Co <sub>7</sub> B <sub>3</sub> compound. Physica Status Solidi A, 2003, 196, 297-300.	1.7	3
103	Electrical resistivity of RNi <sub>4</sub> B compounds (R= Y or rare earth). Physica Status Solidi (B): Basic Research, 2003, 240, 153-159.	0.7	9
104	XPS studies of the hybridization effects in RNi <sub>4</sub> B (R=Ce, Pr, Nd) compounds. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 308, 75-79.	0.9	18
105	Neutron diffraction, magnetic, and transport studies of NdNi <sub>4</sub> Al. Physical Review B, 2003, 68, .	1.1	18
106	The mixed-valence state of Ce in the hexagonal CeNi <sub>4</sub> B compound. Journal of Physics Condensed Matter, 2003, 15, 1397-1403.	0.7	28
107	Electronic Structure and X-Ray Photoelectron Spectra of YNi <sub>4</sub> B Compound. Acta Physica Polonica A, 2003, 104, 487-494.	0.2	5
108	Magnetic characteristics of RNi <sub>4</sub> B compounds (R=Y, Pr, Sm, Tb, Ho and Er). Journal of Alloys and Compounds, 2002, 347, 31-35.	2.8	28

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109	Influence of the electronic structure on the differential conductance in manganite tunnel junctions. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 722-724.	1.0	0
110	Electronic Structure of GdNi <sub>4</sub> B Compound. Physica Status Solidi (B): Basic Research, 2002, 231, 446-450.	0.7	15
111	Ballistic magnetoresistance in perovskite magnetonanocontacts under high-bias voltages. European Physical Journal D, 2002, 52, A13-A16.	0.4	1
112	The influence of mechanical alloying on the magnetic properties of U <sup>1+</sup> Co <sup>2+</sup> B system. European Physical Journal D, 2002, 52, A253-A256.	0.4	0
113	Quantized conductance in heteronanocontacts between iron tip and perovskite electrode under high-bias voltages. European Physical Journal D, 2002, 52, A257-A260.	0.4	0
114	Core photoemission spectra of oxygen atoms in perovskite manganites La <sup>1+</sup> x A x MnO <sub>3</sub> (A=Sr, Pb). European Physical Journal D, 2002, 52, A261-A264.	0.4	0
115	Spin-reorientation transition and electronic structure of TmCo <sub>3</sub> compound. Journal of Magnetism and Magnetic Materials, 2002, 246, 425-433.	1.0	1
116	NdNi <sub>4</sub> B and DyNi <sub>4</sub> B compounds studied by X-ray photoemission spectroscopy. Solid State Communications, 2002, 122, 145-149.	0.9	16
117	Magnetic properties of hexagonal RNi <sub>4</sub> B (R=Ce, Nd, Gd, Dy) compounds. Solid State Communications, 2002, 122, 363-366.	0.9	36
118	Title is missing!. European Physical Journal D, 2002, 52, 295-298.	0.4	0
119	Magnetic and Transport Properties of Tm <sub>2</sub> Co <sub>7</sub> B <sub>3</sub> Compound. European Physical Journal D, 2002, 52, 239-242.	0.4	3
120	Electronic structure of doped LaMnO <sub>3</sub> perovskite studied by x-ray photoemission spectroscopy. Journal of Physics Condensed Matter, 2001, 13, 5519-5525.	0.7	8
121	X-ray photoemission spectra and electronic structure of GdCo <sub>4</sub> B. Solid State Communications, 2001, 120, 407-411.	0.9	12
122	Influence of local environment on electronic properties of Co atoms in the Tm <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> compound. Journal of Magnetism and Magnetic Materials, 2001, 223, 119-126.	1.0	4
123	X-ray photoemission spectra of UCo <sub>4</sub> B compound. Journal of Magnetism and Magnetic Materials, 2001, 236, 243-248.	1.0	4
124	Electronic Structure of DyCo <sub>5</sub> and DyCo <sub>3</sub> B <sub>2</sub> Compounds. Acta Physica Polonica A, 2001, 100, 565-572.	0.2	4
125	X-Ray Photoemission Valence Band Spectrum of La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> Perovskite. Physica Status Solidi (B): Basic Research, 2000, 220, r9-r10.	0.7	1
126	Transport Properties of Hexagonal YCo <sub>5</sub> and YCo <sub>3</sub> B <sub>2</sub> Compounds. Physica Status Solidi (B): Basic Research, 2000, 218, 495-502.	0.7	3



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127	Electronic structure of La <sub>0.65</sub> Pb <sub>0.35</sub> MnO <sub>3</sub> perovskite studied by X-ray photoemission spectroscopy. Journal of Magnetism and Magnetic Materials, 2000, 217, 44-48.	1.0	10
128	X-ray photoemission spectra of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> perovskite. Journal of Magnetism and Magnetic Materials, 2000, 212, 107-111.	1.0	18
129	Electronic Structure of UCo <sub>4</sub> B Compound. Acta Physica Polonica A, 2000, 98, 599-603.	0.2	3
130	Electronic, Magnetic and Transport Properties of YCo <sub>3</sub> B <sub>2</sub> Compound. Acta Physica Polonica A, 2000, 97, 803-806.	0.2	1
131	Electronic Structure and Transport Properties of UFe <sub>2</sub> System. Acta Physica Polonica A, 2000, 97, 815-818.	0.2	0
132	Magnetic Transition in La <sub>1/3</sub> Nd <sub>1/3</sub> Ca <sub>1/3</sub> MnO <sub>3</sub> Perovskite Induced by Electric Field at a Given Magnetic Field. Acta Physica Polonica A, 2000, 97, 879-882.	0.2	0
133	Exchange interaction between ferromagnetic and antiferromagnetic phases in La <sub>1/3</sub> Nd <sub>1/3</sub> Ca <sub>1/3</sub> MnO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 1999, 195, 93-96.	1.0	9
134	Electronic properties of DyCo <sub>3</sub> B <sub>2</sub> compound. Journal of Magnetism and Magnetic Materials, 1999, 205, 209-214.	1.0	9
135	Electron-transport properties and electronic structure of the Nd <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> compound. Journal of Magnetism and Magnetic Materials, 1998, 182, 137-142.	1.0	10
136	Electrical resistivity of DyCo <sub>3</sub> B <sub>2</sub> compound. Journal of Magnetism and Magnetic Materials, 1998, 188, 361-366.	1.0	9
137	Electronic structure and magnetic properties of Gd <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> compound. Journal of Magnetism and Magnetic Materials, 1998, 190, 205-209.	1.0	8
138	Electronic structure of. Journal of Physics Condensed Matter, 1998, 10, 6277-6283.	0.7	11
139	Magnetic and electrical resistivity study of Tm <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> compound. Journal of Alloys and Compounds, 1997, 259, 59-61.	2.8	9
140	The influence of partial substitution of Co by Al atoms on the magnetic properties of DyCo <sub>2</sub> compound. Journal of Magnetism and Magnetic Materials, 1997, 166, 237-242.	1.0	23
141	The intersublattice exchange interactions in the R <sub>2</sub> Co <sub>7</sub> B <sub>3</sub> compounds (R = heavy rare earth). Journal of Magnetism and Magnetic Materials, 1997, 171, 113-118.	1.0	5
142	Magnetic and resistivity investigation of Dy(Co <sub>1-x</sub> Si <sub>x</sub> ) <sub>2</sub> (if 0 < x ≤ 0.2) compounds. Journal of Magnetism and Magnetic Materials, 1997, 176, 241-247.	1.0	16
143	The intrinsic magnetic properties of R <sub>2</sub> Co <sub>7</sub> B <sub>3</sub> (R = rare earth) intermetallic compounds. Journal of Magnetism and Magnetic Materials, 1997, 175, 279-284.	1.0	16
144	Electrical Resistivity Studies on R <sub>2</sub> Co <sub>7</sub> B <sub>3</sub> (R = Tb, Er, Tm) Compounds. Physica Status Solidi (B): Basic Research, 1997, 201, 443-447.	0.7	8

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145	Role of Boron in Nd(Co <sub>1-x</sub> B <sub>x</sub> ) <sub>5</sub> System. Acta Physica Polonica A, 1997, 92, 285-289.	0.2	3
146	X-Ray Photoemission Spectra of Dy(Co <sub>1-x</sub> Al <sub>x</sub> ) <sub>2</sub> Systems. Acta Physica Polonica A, 1997, 91, 439-442.	0.2	0
147	Temperature behavior of magnetization of DyCo <sub>2</sub> compound. Journal of Magnetism and Magnetic Materials, 1996, 152, L279-L281.	1.0	15
148	The magnetic properties of the Laves-phase system Dy(Co <sub>1</sub> -Al) <sub>2</sub> . Journal of Magnetism and Magnetic Materials, 1996, 157-158, 723-724.	1.0	2
149	Temperature dependence of the electrical resistivity of Y <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> and Gd <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> compounds. Physica Status Solidi (B): Basic Research, 1996, 193, 155-160.	0.7	13
150	Exchange coupling and coercivity in Dy <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> and Er <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> compounds. Journal of Magnetism and Magnetic Materials, 1995, 146, 182-186.	1.0	10
151	Electrical resistivity of Dy <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> and Er <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> compounds. Journal of Magnetism and Magnetic Materials, 1995, 139, 19-22.	1.0	7
152	Exchange interactions in Dy <sub>x</sub> Tm <sub>1-x</sub> Fe <sub>10</sub> Si <sub>2</sub> compounds. IEEE Transactions on Magnetics, 1994, 30, 669-671.	1.2	1
153	Local Co Anisotropy in YCo <sub>5</sub> , YCo <sub>4</sub> B, Y <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> , and Y <sub>2</sub> Co <sub>7</sub> B <sub>3</sub> Compounds. Physica Status Solidi (B): Basic Research, 1994, 181, K73.	0.7	19
154	The 4f-3d exchange interactions in the R <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> compounds (R = heavy rare earth). Journal of Magnetism and Magnetic Materials, 1994, 136, 70-72.	1.0	15
155	Crystallographic and magnetic properties of R <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> (R=Y and Gd) compounds. IEEE Transactions on Magnetics, 1994, 30, 648-650.	1.2	24
156	Spin Reorientation and Exchange Coupling in the Dy <sub>1-x</sub> Er <sub>x</sub> Fe <sub>10</sub> Si <sub>2</sub> Compounds. Acta Physica Polonica A, 1994, 85, 259-262.	0.2	1
157	Magnetic Anisotropy and Exchange Interactions in R <sub>n+1</sub> Co <sub>3n+5</sub> B <sub>2</sub> <sub>n</sub> Compounds. Acta Physica Polonica A, 1994, 85, 623-626.	0.2	8
158	Individual Co Site Contributions to the Magnetic Anisotropy of Sm <sub>2</sub> Co <sub>7</sub> B Compounds. Physica Status Solidi (B): Basic Research, 1993, 177, K17.	0.7	7
159	Magnetization in Y <sub>3</sub> Co <sub>11</sub> B <sub>4</sub> and Related Compounds. Physica Status Solidi (B): Basic Research, 1993, 180, K19.	0.7	9
160	Magnetic studies of Nd <sub>2-x</sub> Y <sub>x</sub> Fe <sub>14</sub> B and Nd <sub>2-x</sub> Y <sub>x</sub> Fe <sub>13</sub> CuB compounds. Journal of Magnetism and Magnetic Materials, 1993, 123, 299-303.	1.0	7
161	Internal magnetic field in Nd <sub>2</sub> /Fe <sub>14</sub> /M <sub>x</sub> /B (M=Si or Ni) compounds. , 1993, , .		0
162	Competing anisotropies in Dy <sub>1-x</sub> Tm <sub>x</sub> Fe <sub>10</sub> Si <sub>2</sub> compounds. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1227-1228.	1.0	2

#	ARTICLE	IF	CITATIONS
163	Crystal and magnetic properties of $Y_2(Fe_{1-x}M_x)_{14}B$ ( $M = Cu$ or $Cr$ ) compounds. Journal of Magnetism and Magnetic Materials, 1992, 111, 39-46.	1.0	4
164	The influence of the higher order crystal field terms on the low temperature anisotropy behaviour of $Er^{+3}$ ion in $ErFe_{10}T_2$ ( $T = Cr, Si$ ) compounds. Solid State Communications, 1991, 77, 397-402.	0.9	8
165	Local environment effects in $Y_2Fe_{14}B$ -based compounds. Journal of Magnetism and Magnetic Materials, 1991, 97, 187-192.	1.0	3
166	The spin reorientation transitions in $ErFe_{10}T_2$ ( $T = Cr, Si$ ) compounds. Journal of Magnetism and Magnetic Materials, 1991, 101, 97-98.	1.0	2
167	Ordering phenomena in $(Nd_{1-x}Y_x)_2Fe_{14-y}Cr_yB$ alloys. Journal of Magnetism and Magnetic Materials, 1991, 101, 341-342.	1.0	2
168	Magnetism in $Y_2Fe_{14-x}M_xB$ compounds ( $M = Si, Cr$ and $Cu$ ). Journal of Magnetism and Magnetic Materials, 1990, 84, L5-L6.	1.0	7
169	The spin reorientation phenomena in $RFe_{10}T_2$ , ( $R = Tb, Dy, Ho, T = Cr, Si$ ). Journal of Magnetism and Magnetic Materials, 1990, 83, 145-146.	1.0	9
170	Spin phase diagrams and magnetic anisotropy in $Nd_2Fe_{14-x}M_xB$ compounds ( $M = Si, Cr$ and $Cu$ ). Journal of Magnetism and Magnetic Materials, 1990, 83, 147-148.	1.0	8
171	Magnetic phase diagram of $Nd_2Fe_{14-x}GexB$ compounds. Journal of Magnetism and Magnetic Materials, 1990, 87, 330-332.	1.0	8
172	Saturation magnetization of amorphous $Nd-Co-B$ thin films. Journal of Magnetism and Magnetic Materials, 1989, 81, 341-344.	1.0	2
173	Magnetic and crystallographic properties of substituted $Pr_2Fe_{14-x}M_xB$ compounds ( $M = Si, Ga$ ). Journal of Magnetism and Magnetic Materials, 1990, 84, L7-L8.	1.0	12
174	Structural and magnetic properties of $RFe_{10}Cr_2$ compounds. Journal of Magnetism and Magnetic Materials, 1989, 81, 155-158.	1.0	20
175	Effect of niobium substitution on the magnetic properties of $Nd_2Fe_{14}B$ and $Nd_2Fe_{12}Co_2B$ alloys. Journal of Magnetism and Magnetic Materials, 1989, 79, 109-112.	1.0	7
176	Structure and Magnetic Properties of $R_2Fe_{14-x}Ni_xB$ Compounds ( $R = 3/4 Nd$ and $Gd$ ). Physica Status Solidi A, 1989, 114, 355-359.	1.7	6
177	Magnetic and crystallographic properties of $R_2Fe_{14-x}B$ compounds ( $R = Y, Nd, Gd$ ). Physica Status Solidi A, 1988, 110, 241-245.	1.7	19
178	Structural and magnetic characteristics of $R_2Fe_{14-x}Cu_xB$ systems ( $R = Y, Nd$ and $Gd$ ). Journal of Magnetism and Magnetic Materials, 1988, 74, 260-262.	1.0	24
179	Effect of silicon additions on the magnetic properties of $Nd_2Fe_{12}Co_2B$ alloy. Journal of Magnetism and Magnetic Materials, 1987, 68, 331-334.	1.0	18