Natalya Ð¨Ñ–ÑÐµÐ²ÐºÐ»Ð¾Ð²Ð°

List of Publications by Year
in descending order

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165 papers	1,969 citations	279798 23 h-index	345221 36 g-index
165 all docs	165 docs citations	165 times ranked	1125 citing authors

#	Article	IF	Citations
1	Evidence of symmetry lowering in antiferromagnetic metal TmB₁₂ with dynamic charge stripes. Journal of Physics Condensed Matter, 2022, 34, 065602.	1.8	6
2	Influence of the Fermi Surface Shape on Magnetoresistance Anisotropy in ZrB12. Doklady Physics, 2022, 67, 11-14.	0.7	0
3	Checkerboard patterns of charge stripes in the two-gap superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ZrB</mml:mi><mml:mn>12</mml:mn></mml:msub></ Physical Review B, 2022, 105, .	3.2	4
4	Hall Effect in the Antiferromagnetic State of Ho0.8Lu0.2B12. JETP Letters, 2022, 115, 130-135.	1.4	2
5	Hall effect and symmetry breaking in the nonmagnetic metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Lu</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:mrow></mml:math> with dynamic charge stripes. Physical Review B, 2021, 103, .	3.2	9
6	Inhomogeneous superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Lu</mml:mi><mml:mi>x</mml:mi></mml:ms mathvariant="normal">B</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:mrow></mml:math> dodecaborides with dynamic charge stripes. Physical Review B, 2021, 103, .	3.2	7
7	Thermoelectric Properties of Metallic Hexaborides RB6 (R = La, Pr, Nd, Gd). Physics of the Solid State, 2021, 63, 414-419.	0.6	1
8	Anisotropy of the Hall Effect in the Paramagnetic Phase of Ho0.8Lu0.2B12 Cage Glass. JETP Letters, 2021, 113, 526-531.	1.4	4
9	Crystal-field potential and short-range order effects in inelastic neutron scattering, magnetization, and heat capacity of the cage-glass compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>HoB</mml:mi><mml:mn>12</mml:mn></ Physical Review B, 2021, 104, .	3.2	5
10	Spin Fluctuations at the Surface of Strongly Correlated Topological Insulator SmB6. Applied Magnetic Resonance, 2020, 51, 71-84.	1.2	4
11	Tuning the magnetocaloric effect in the Lu-doped frustrated Shastry-Sutherland system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Tm</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	6
12	Anisotropy of the charge transport in Ho11B12 antiferromagnet with dynamic charge stripes. Solid State Sciences, 2020, 104, 106253.	3.2	12
13	Structural instability and poorly defined phase transitions in rare-earth dodecaborides RB12 (R=Ho-Lu) at intermediate temperatures. Solid State Sciences, 2020, 107, 106273.	3.2	6
14	Transport properties of R0.01La0.99B6 solid solutions. Solid State Sciences, 2020, 103, 106181.	3.2	2
15	Suppression of indirect exchange and symmetry breaking in the antiferromagnetic metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>HoB</mml:mi><mml:mn>12</mml:mn></ with dynamic charge stripes. Physical Review B, 2020, 102, .	3.2	15
16	Breaking of Cubic Symmetry in Rare-Earth Dodecaborides with Dynamic Charge Stripes. JETP Letters, 2020, 112, 413-419.	1.4	11
17	Surface Conductivity of the Ytterbium-Doped Topological Kondo-Insulator SmB6. Doklady Physics, 2020, 65, 233-237.	0.7	1
18	Maltese Cross Anisotropy in Antiferromagnetic State of Metallic Ho_{0.5}Lu_{0.5}B₁₂ with Dynamic Charge Stripes. Acta Physica Polonica A, 2020, 137, 756-759.	0.5	6

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19	Anomalous Magnetic Contributions to Hall Effect in Ho_{0.5}Lu_{0.5}B₁₂. Acta Physica Polonica A, 2020, 137, 767-769.	0.5	4
20	Magnetic Phase Diagram of Tm_{0.96}Yb_{0.04}B₁₂ Antiferromagnet with Dynamic Charge Stripes and Yb Valence Instability. Acta Physica Polonica A, 2020, 137, 788-790.	0.5	5
21	Superconducting Phase Diagrams of LuB12 and Lu1-xZrxB12 (xâ‰0.45) down to 50 mK. Acta Physica Polonica A, 2020, 137, 791-793.	0.5	1
22	Evidence of Griffiths Phase Behavior in Paramagnetic State of Heavy Fermion Compounds Ce_xLa_{1-x}B₆ (0.01â‰xâ‰1). Acta Physica Polonica A, 2020, 137, 782-784.	0.5	2
23	Magnetic Phase Transitions and the Anisotropy of Charge Carrier Scattering in Antiferromagnetic Metal Ho0.5Lu0.5B12 with Dynamic Charge Stripes. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 853-856.	0.6	2
24	Boron 10Bâ€”11B Isotope Substitution as a Probe of the Mechanism Responsible for the Record Thermionic Emission in LaB6 with the Jahnâ€”Teller Instability1. JETP Letters, 2019, 110, 79-84.	1.4	6
25	Collective infrared excitation in rare-earth <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Gd</mml:mi><mml:mi>x</mml:mi></mml mathvariant="normal">B</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> hexaborides. Physical Review B, 2019, 100, .	3.2	10
26	Electron Paramagnetic Resonance in HoxLu1âˆ’xB12 Dodecaborides. JETP Letters, 2019, 110, 266-272.	1.4	2
27	Anomalous Hall Effect in Frustrated Magnets. Physics of the Solid State, 2019, 61, 1622-1626.	0.6	1
28	Jahnâ€“Teller Lattice Distortions and Asymmetric Electron Density Distribution in the Structure of TmB12 Dodecaboride in the Temperature Range of 85â€“293 K. Crystallography Reports, 2019, 64, 737-742.	0.6	3
29	On the role of isotopic composition in crystal structure, thermal and charge-transport characteristics of dodecaborides LuNB12 with the Jahn-Teller instability. Journal of Physics and Chemistry of Solids, 2019, 129, 434-441.	4.0	21
30	Maltese cross anisotropy in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ho</mml:mi><mml:mrow><mml:mn>0.8</m mathvariant="normal">B</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:mrow></mml:math> antiferromagnetic metal with dynamic charge stripes. Physical Review B, 2019, 99, .	3.2	20
31	Magnetic Properties of Eu0.9Yb0.1B6. Physics of the Solid State, 2019, 61, 565-570.	0.6	2
32	Magnetic Properties of the Topological Kondo Insulator SmB6: Localized Magnetic Moments and Pauli Paramagnetism. JETP Letters, 2019, 109, 150-156.	1.4	5
33	Rotating magnetocaloric effect in TmB4 â€“ A comparison between estimations based on heat capacity and magnetization measurements. Journal of Magnetism and Magnetic Materials, 2019, 482, 186-191.	2.3	8
34	Properties of antiferromagnetic resonance in GdB₆. Journal of Physics: Conference Series, 2019, 1389, 012135.	0.4	1
35	Observation of dynamic charge stripes in Tm_{0.19}Yb_{0.81}B₁₂ at the metalâ€“insulator transition. Journal of Physics Condensed Matter, 2019, 31, 065604.	1.8	27
36	Collective Infrared Excitation in LuB12 Cage-Glass. JETP Letters, 2018, 107, 100-105.	1.4	16

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37	Doping-induced redistribution of magnetic spectral weight in the substituted hexaborides Ce1â^'xLaxB6 and Ce1â^'xNdxB6. Physical Review B, 2018, 97, .	3.2	11
38	Rattling mode and symmetry lowering resulting from the instability of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math> molecule in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LuB</mml:mi><mml:mn>12</mml:mn></mml:msub></mr Physical Review B, 2018, 97, .	3.2	42
39	Magnetoresistance Scaling and the Anisotropy of Charge Carrier Scattering in the Paramagnetic Phase of Ho0.8Lu0.2B12 Cage Glass. JETP Letters, 2018, 107, 30-36.	1.4	11
40	Fermi surface in the absence of a Fermi liquid in the Kondo insulator SmB6. Nature Physics, 2018, 14, 166-172.	16.7	81
41	Magnetic Anisotropy of the Low-Temperature Specific Heat of Ho0.01Lu0.99B12 with Dynamic Charge Stripes. JETP Letters, 2018, 108, 454-459.	1.4	3
42	Features of the Crystal Structure of Tm1â€“xYbxB12 Dodecaborides near a Quantum Critical Point and at a Metalâ€“Insulator Transition. JETP Letters, 2018, 108, 691-696.	1.4	6
43	Antiferromagnetic Resonance in GdB6. JETP Letters, 2018, 108, 237-242.	1.4	10
44	Magnetic resonance probing of ground state in the mixed valence correlated topological insulator SmB6. Scientific Reports, 2018, 8, 7125.	3.3	13
45	Raman study of coupled electronic and phononic excitations in LuB12. Journal of Alloys and Compounds, 2017, 704, 390-397.	5.5	5
46	Lattice instability and enhancement of superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YB</mml:mi><mml:mn>6</mml:mn></mml:msub></mml: Physical Review B, 2017, 96, .	3.2	21
47	Isosbestic points in doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sm</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> as features of universality and property tuning. Physical Review B, 2017, 96, .	3.2	24
48	Influence of dopants, particularly carbon, onÎ²-rhombohedral boron. Semiconductor Science and Technology, 2017, 32, 095015.	2.0	4
49	Electron nematic effect induced by magnetic field in antiferroquadrupole phase of CeB 6. Scientific Reports, 2017, 7, 17430.	3.3	20
50	Effect of defects in the rare-earth sublattice of the Kondo insulator YbB12 on its spectral characteristics and magnetic susceptibility. Journal of Experimental and Theoretical Physics, 2017, 124, 957-967.	0.9	1
51	Superconductivity in LuxZr1-xB12 Dodecaborides with Cage-Glass Crystal Structure. Acta Physica Polonica A, 2017, 131, 1036-1038.	0.5	2
52	Anisotropy of the Charge Transport in GdB₆. Acta Physica Polonica A, 2017, 131, 973-975.	0.5	9
53	Anisotropy of Magnetoresistance in HoB12. Acta Physica Polonica A, 2017, 131, 976-978.	0.5	5
54	Influence of Pressure on the Electron-Phonon Interaction in Superconductors. Acta Physica Polonica A, 2017, 131, 1039-1041.	0.5	0

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55	Charge Transport and Magnetism in Tm0.03Yb0.97B12. Acta Physica Polonica A, 2017, 131, 985-987.	0.5	0
56	Magnetic resonance anisotropy in CeB6: an entangled state of the art. Scientific Reports, 2016, 6, 39196.	3.3	15
57	Structural features of single crystals of LuB12 upon a transition to the cage-glass phase. Crystallography Reports, 2016, 61, 181-186.	0.6	9
58	Magnetic field dependence of the neutron spin resonance inCeB6. Physical Review B, 2016, 94, .	3.2	9
59	Suppression of superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Lu</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant="normal">Zr</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></ mathvariant="normal">B</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math>: Evidence of static	3.2	12
60	High-pressure induced modifications in the hybridization gap of the intermediate-valence compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">SmB</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review B, 2016, 93, .	3.2	7
61	Thermal evolution of magnetic-excitation spectrum of PrB6. Physics of Metals and Metallography, 2016, 117, 460-465.	1.0	3
62	Isosbestic Point and Magnetoresistance Components in Ho $$_{0.5}$$ 0.5 Lu $$_{0.5}$$ 0.5 B $$_{12}$$ 12. Journal of Low Temperature Physics, 2016, 185, 522-530.	1.4	5
63	Electronic Raman scattering and the electronâ€"phonon interaction in YB6. JETP Letters, 2015, 102, 503-507.	1.4	12
64	Charge transport inHoxLu1â^'xB12: Separating positive and negative magnetoresistance in metals with magnetic ions. Physical Review B, 2015, 91, .	3.2	19
65	Phonons in YB6 and LaB6: Effects of temperature and pressure. JETP Letters, 2015, 102, 295-300.	1.4	10
66	Physical properties of cage-like compound UB₁₂. Philosophical Magazine, 2015, 95, 2343-2363.	1.6	19
67	Hidden Antiferromagnetic Order in EuB6 Revealed by X-Band ESR. Applied Magnetic Resonance, 2015, 46, 25-32.	1.2	1
68	Nature of heavy-fermion states arising in the vicinity of an isolated cerium or holmium magnetic impurity in LaB6. JETP Letters, 2015, 101, 36-40.	1.4	8
69	Surface and bulk components of electrical conductivity in (presumably special topological) Kondo insulator SmB6 at lowest temperatures. Solid State Sciences, 2015, 47, 17-20.	3.2	9
70	Electronic structure of cage-like compound UB 12 â€" Theory and XPS experiment. Journal of Alloys and Compounds, 2014, 615, 446-450.	5.5	4
71	Features of the formation of magnetic moments of Tm3+ and Yb3+ rare-earth ions in LuB12 cage glass. JETP Letters, 2014, 100, 470-476.	1.4	2
72	Investigation of Mixed Valence State of Sm_{1-x}B_{6} and Sm_{1-x}La_{x}B_{6} by XANES. Acta Physica Polonica A, 2014, 126, 338-339.	0.5	7

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73	Hall Effect in GdB_{6}. Acta Physica Polonica A, 2014, 126, 348-349.	0.5	0
74	Magnetic Phase Diagram of TmB_{4} under High Pressure. Acta Physica Polonica A, 2014, 126, 356-357.	0.5	4
75	Defect Mode in LaB_{6}. Acta Physica Polonica A, 2014, 126, 350-351.	0.5	10
76	Reentrant Metal-Insulator Transition in Ca_{1-x}Eu_{x}B_{6}. Acta Physica Polonica A, 2014, 126, 294-295.	0.5	1
77	Response to the comment to â€œFeatures of the local structure of rare-earth dodecaborides RB12 (R =) Tj ETQq1 1 0.784314 rgBT /Over	1.4	0
78	Comment to â€œFeatures of the local structure of rare-earth dodecaborides RB12 (R = Ho, Er, Tm, Yb, Lu)â€• (JETP Lett. 98, 165 (2013)). JETP Letters, 2014, 98, 578-580.	1.4	4
79	Intense low-energy ferromagnetic fluctuations in the antiferromagnetic heavy-fermion metal CeB6. Nature Materials, 2014, 13, 682-687.	27.5	50
80	Raman scattering in rare earths tetraborides. Solid State Sciences, 2014, 31, 24-32.	3.2	15
81	Possible undercompensation effect in the Kondo insulator (Yb,Tm)B<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>12</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	3.2	14
82	Magnetic properties of Ho1âˆ’x Lu x B12 solid solutions. Journal of the Korean Physical Society, 2013, 62, 1514-1516.	0.7	1
83	Transport properties of Ho1âˆ’x Lu x B12 solid solutions. Journal of the Korean Physical Society, 2013, 62, 1547-1549.	0.7	0
84	Specific heat of Ce x La1 âˆ’ xB6 in the low cerium concentration limit (x â‰ 0.03). Journal of Experimental and Theoretical Physics, 2013, 116, 760-765.	0.9	24
85	Separation of the contributions to the magnetization of Tm1 âˆ’ xYb x B12 solid solutions in steady and pulsed magnetic fields. Journal of Experimental and Theoretical Physics, 2013, 116, 838-842.	0.9	6
86	Specific features of magnetoresistance during the antiferromagnetâ€”paramagnet transition in Tm1 âˆ’ xYb x B12. Journal of Experimental and Theoretical Physics, 2013, 116, 866-871.	0.9	5
87	Features of the local structure of rare-earth dodecaborides RB12 (R = Ho, Er, Tm, Yb, Lu). JETP Letters, 2013, 98, 165-169.	1.4	19
88	Magnetoresistance of PrB₆and GdB₆. Journal of Physics: Conference Series, 2012, 400, 032003.	0.4	5
89	Isotopic phonon effects in LaB6â€”LaB6do not possess cubic symmetry and show a non-random isotope distribution. Journal of Physics Condensed Matter, 2012, 24, 385405.	1.8	8
90	Hall and transverse even effects in the vicinity of a quantum critical point in Tm1 âˆ’ x Yb x B12. Journal of Experimental and Theoretical Physics, 2012, 115, 509-526.	0.9	21

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91	Influence of Lu â€“ Substitution on the frustrated antiferromagnetic system HoB12. Solid State Sciences, 2012, 14, 1722-1724.	3.2	3
92	De Haas-van Alphen effect, magnetization, magnetoresistance and magnetostriction of GdB4 as compared with TmB4. European Physical Journal B, 2012, 85, 1.	1.5	3
93	Raman scattering and isotopic phonon effects in dodecaborides. Journal of Physics Condensed Matter, 2011, 23, 065403.	1.8	47
94	Effects of disorder and isotopic substitution in the specific heat and Raman scattering in LuB12. Journal of Experimental and Theoretical Physics, 2011, 113, 468-482.	0.9	59
95	Magnetic dynamics in an electron-doped YbB12 condo insulator. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 1149-1152.	0.6	0
96	HoB₄at high pressure and low temperature: an experimental and theoretical study. High Pressure Research, 2011, 31, 3-6.	1.2	5
97	A giant enhancement of CMR in Eu_{0.6}Ca_{0.4}B₆. Journal of Physics: Conference Series, 2010, 200, 012048.	0.4	1
98	Magnetic anisotropy in the AFM and SDW phases of CeB6. Journal of Physics: Conference Series, 2010, 200, 012189.	0.4	1
99	Anisotropy of magnetoresistance in Pr¹¹B₆and NdB₆. Journal of Physics: Conference Series, 2010, 200, 032003.	0.4	2
100	Magnetism of rare earth tetraborides. Journal of Physics: Conference Series, 2010, 200, 032041.	0.4	45
101	Enhancement of the colossal magnetoresistance in Eu1 âˆ’ x Ca x B6. Journal of Experimental and Theoretical Physics, 2010, 111, 246-250.	0.9	2
102	Isotope effect in charge transport of LuB12. Journal of Experimental and Theoretical Physics, 2010, 111, 279-284.	0.9	17
103	Specific features of the formation of the ground state in PrB6. Physics of the Solid State, 2010, 52, 914-916.	0.6	8
104	Quantum percolation transition in Eu_{1âˆ’x}Ca_xB₆. Physica Status Solidi (B): Basic Research, 2010, 247, 650-652.	1.5	1
105	Anomalies of the specific heat near the quantum critical point in Tm0.74Yb0.26B12. JETP Letters, 2010, 91, 75-78.	1.4	4
106	Effect of anisotropy in temperature dynamics of magnetic phase separation in europium hexaboride. Journal of Physics: Conference Series, 2010, 200, 032019.	0.4	4
107	Surface superconducting states in a yttrium hexaboride single crystal in a tilted magnetic field. Journal of Physics Condensed Matter, 2010, 22, 095701.	1.8	3
108	Spin dynamics in the electron-doped Kondo insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Yb</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mr xmlns:mml="http://www.w3.org/1998. Physical Review B, 2010, 81, .	3.2	12

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109	Magnetocaloric Effect in Geometrically Frustrated Magnetic Compound HoB₁₂. Acta Physica Polonica A, 2010, 118, 873-874.	0.5	1
110	Charge Transport and Magnetism in Eu_{1-x}Ca_xB₆. Acta Physica Polonica A, 2010, 118, 891-892.	0.5	1
111	Phase Diagram of TmB4Probed by AC Calorimetry. Acta Physica Polonica A, 2010, 118, 903-904.	0.5	2
112	Anomalous Transport Properties of Carbon-Doped EuB₆. Acta Physica Polonica A, 2010, 118, 893-894.	0.5	0
113	¹¹B-NMR Study of SmB₆under Pressure. Acta Physica Polonica A, 2010, 118, 895-896.	0.5	1
114	Magnetic spin resonance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeB</mml:mtext></mml:mrow><mml:mn>6</mml:mn></mml:msub></mml:mrow> Physical Review B, 2009, 80, .	3.2	39
115	Electron spin resonance inEuB6. Physical Review B, 2009, 79, .	3.2	18
116	High-frequency study of the orbital ordering resonance in the strongly correlated heavy fermion metal CeB6. Applied Magnetic Resonance, 2009, 35, 319-326.	1.2	11
117	Magnetoresistance and magnetic phase transitions in a Pr11B6 antiferromagnet. JETP Letters, 2009, 90, 152-155.	1.4	1
118	Pulsed magnetic field study of the spin gap in intermediate valence compound SmB 6. Physica B: Condensed Matter, 2009, 404, 2985-2987.	2.7	8
119	and MAS NMR and magnetic characterization of. Solid State Communications, 2009, 149, 693-696.	1.9	10
120	Low temperature properties of a new compound based on (Yb, Zr)B12 substitution. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 1045-1048.	0.6	0
121	Magnetoresistance and magnetic ordering in praseodymium and neodymium hexaborides. Journal of Experimental and Theoretical Physics, 2009, 109, 815-832.	0.9	11
122	Hall effect and magnetic ordering in RB12. Low Temperature Physics, 2009, 35, 565-567.	0.6	2
123	Crossover in the colossal magnetoresistance anisotropy in EuB₆. Journal of Physics: Conference Series, 2009, 150, 022014.	0.4	3
124	Bulk and local susceptibility of RB12(R â€“ Ho, Er, Tm). Journal of Physics: Conference Series, 2009, 150, 042011.	0.4	2
125	Low temperature magnetotransport in RB6(R = Pr, Nd). Journal of Physics: Conference Series, 2009, 150, 042005.	0.4	2
126	De Haasâ€“van Alphen effect and magnetization in dodecaborides HoB12, ErB12 and TmB12. Journal of Magnetism and Magnetic Materials, 2008, 320, 1597-1604.	2.3	4

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127	A huge renormalization of transport effective mass in the magnetic-polaronic state of EuB6. Physica B: Condensed Matter, 2008, 403, 820-821.	2.7	7
128	Anomalous hall effect in HoB12. JETP Letters, 2008, 86, 604-607.	1.4	8
129	Magnetic phase separation in europium hexaboride and its relation to the Kondo interaction. JETP Letters, 2008, 88, 224-228.	1.4	4
130	Magnetization anisotropy in the AFM and SDW phases of CeB6. JETP Letters, 2008, 88, 318-321.	1.4	6
131	Fractional Magnetization Plateaus and Magnetic Order in the Shastry-Sutherland Magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TmB</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 177201.	7.8	134
132	From unconventional insulating behavior towards conventional magnetism in the intermediate-valence compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SmB</mml:mtext></mml:mrow><mml:mn>6</mml:mn></mml:ms Physical Review B, 2008, 77, .	3.2	45
133	Coupling on the superconducting transition temperature in dodecaboride superconductors: A comparison of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LuB</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:mn> xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>ZrB</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:mn> Physical Review B, 2008, 78, .	3.2	42
134	Electronic structure and bulk properties of MB6 and MB12 borides. Low Temperature Physics, 2008, 34, 921-929.	0.6	52
135	Electric-field-gradient tensor and charge densities in LaB6: B11 nuclear-magnetic-resonance single-crystal investigations and first-principles calculations. Journal of Applied Physics, 2008, 103, 083534.	2.5	13
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