Natalya Ð¨Ñ–ÑÐµÐ²Ð°Ð»Ð¾Ð²Ð°

List of Publications by Year
in descending order

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	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
2	Fermi surface in the absence of a Fermi liquid in the Kondo insulator SmB6. Nature Physics, 2018, 14, 166-172.	16.7	81
3	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
4	Electronic structure and bulk properties of MB6 and MB12 borides. Low Temperature Physics, 2008, 34, 921-929.	0.6	52
5	Intense low-energy ferromagnetic fluctuations in the antiferromagnetic heavy-fermion metal CeB6. Nature Materials, 2014, 13, 682-687.	27.5	50
6	Raman scattering and isotopic phonon effects in dodecaborides. Journal of Physics Condensed Matter, 2011, 23, 065403.	1.8	47
7	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:msub></mml:mrow></mml:math>. Physical Review B, 2008, 77, .	3.2	45
8	Magnetism of rare earth tetraborides. Journal of Physics: Conference Series, 2010, 200, 032041.	0.4	45
9	Magnetic and transport properties of TmB12, ErB12, HoB12 and DyB12. Journal of Magnetism and Magnetic Materials, 1999, 207, 131-136.	2.3	43
10	Characterization of the electronic properties of YB12, ZrB12, and LuB12using11B NMR and first-principles calculations. Journal of Physics Condensed Matter, 2006, 18, 2525-2535.	1.8	42
11	Effect of electron-phonon 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:mn>12</mml:mn></mml:msub></mml:mrow></mml:math> and<mml:math 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:mn>12</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2007, 75, .	3.2	42
12	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></mml:math>. Physical Review B, 2018, 97, .	3.2	42
13	Enhancement of band magnetism and features of the magnetically ordered state in the CeB6 compound with strong electron correlations. Journal of Experimental and Theoretical Physics, 2007, 104, 120-138.	0.9	40
14	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></mml:math>. Physical Review B, 2009, 80, .	3.2	39
15	Optical study of electronic structure and electron-phonon coupling inZrB12. Physical Review B, 2007, 75, .	3.2	33
16	Phase diagram and magnetic structure investigation of the fcc antiferromagnetHoB12. Physical Review B, 2004, 70, .	3.2	32
17	Ybâ€“Yb correlations and crystal-field effects in the Kondo insulator YbB12and its solid solutions. Journal of Physics Condensed Matter, 2004, 16, 2631-2646.	1.8	31
18	Magnetic Properties of the Frustrated fcc â€“ Antiferromagnet HoB12 Above and Below T N. Journal of Low Temperature Physics, 2007, 146, 581-605.	1.4	29

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19	Magnetic Structure and Phase Diagram of TmB₄. Acta Physica Polonica A, 2008, 113, 227-230.	0.5	28
20	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
21	Specific heat of Ce x La1 âˆ’ xB6 in the low cerium concentration limit (x â‰ˆ 0.03). Journal of Experimental and Theoretical Physics, 2013, 116, 760-765.	0.9	24
22	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
23	Linear and nonlinear low-frequency electrodynamics of surface superconducting states in an yttrium hexaboride single crystal. Physical Review B, 2008, 78, .	3.2	23
24	Magnetic structure of rare-earth dodecaborides. Journal of Solid State Chemistry, 2006, 179, 2748-2750.	2.9	22
25	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:math> Physical Review B, 2017, 96, .	3.2	21
26	Anomalous charge transport in RB12 (R = Ho, Er, Tm, Lu). Physica Status Solidi (B): Basic Research, 2006, 243, R63-R65.	1.5	21
27	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
28	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
29	Electron nematic effect induced by magnetic field in antiferroquadrupole phase of CeB 6. Scientific Reports, 2017, 7, 17430.	3.3	20
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</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi 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	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
32	Charge transport inHoxLu1âˆ’xB12: Separating positive and negative magnetoresistance in metals with magnetic ions. Physical Review B, 2015, 91, .	3.2	19
33	Physical properties of cage-like compound UB₁₂. Philosophical Magazine, 2015, 95, 2343-2363.	1.6	19
34	Effect of Pressure on the Ginzburg-Landau ParameterÎº=Î»/Î¾inYB6. Physical Review Letters, 2006, 97, 157002.	7.8	18
35	Electron spin resonance inEuB6. Physical Review B, 2009, 79, .	3.2	18
36	Electric-field-gradient tensor and boron site-resolvedB11NMR in single-crystallineYB12. Physical Review B, 2007, 75, .	3.2	17

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37	Isotope effect in charge transport of LuB12. Journal of Experimental and Theoretical Physics, 2010, 111, 279-284.	0.9	17
38	Collective Infrared Excitation in LuB12 Cage-Glass. JETP Letters, 2018, 107, 100-105.	1.4	16
39	Raman scattering in rare earths tetraborides. Solid State Sciences, 2014, 31, 24-32.	3.2	15
40	Magnetic resonance anisotropy in CeB6: an entangled state of the art. Scientific Reports, 2016, 6, 39196.	3.3	15
41	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
42	Magnetic ordering in HoB12 below and above TN. Journal of Magnetism and Magnetic Materials, 2007, 310, 1727-1729.	2.3	14
43	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
44	Phonon drag induced by Einstein mode in ZrB12. Physica Status Solidi (B): Basic Research, 2006, 243, R72-R74.	1.5	13
45	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
46	Magnetic resonance probing of ground state in the mixed valence correlated topological insulator SmB6. Scientific Reports, 2018, 8, 7125.	3.3	13
47	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:mn> xmlns:mml="http://www.w3.org/1998. Physical Review B, 2010, 81, .	3.2	12
48	Electronic Raman scattering and the electronâ€“phonon interaction in YB6. JETP Letters, 2015, 102, 503-507.	1.4	12
49	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><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math>: Evidence of static magnetic moments induced by nonmagnetic impurities. Physical Review B, 2016, 93, .	3.2	12
50	Anisotropy of the charge transport in Ho11B12 antiferromagnet with dynamic charge stripes. Solid State Sciences, 2020, 104, 106253.	3.2	12
51	Mass of an Abrikosov vortex. Low Temperature Physics, 2007, 33, 1019-1022.	0.6	11
52	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
53	Magnetoresistance and magnetic ordering in praseodymium and neodymium hexaborides. Journal of Experimental and Theoretical Physics, 2009, 109, 815-832.	0.9	11
54	Doping-induced redistribution of magnetic spectral weight in the substituted hexaborides Ce1â^’xLaxB6 and Ce1â^’xNdxB6. Physical Review B, 2018, 97, .	3.2	11

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55	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
56	Breaking of Cubic Symmetry in Rare-Earth Dodecaborides with Dynamic Charge Stripes. JETP Letters, 2020, 112, 413-419.	1.4	11
57	Lattice dynamics and magneto-elastic coupling in Kondo-insulator YbB12. Journal of Physics: Conference Series, 2007, 92, 012074.	0.4	10
58	Magnetic and transport properties of colossal magnetoresistance compound EuB6. Journal of Experimental and Theoretical Physics, 2007, 105, 132-134.	0.9	10
59	and MAS NMR and magnetic characterization of. Solid State Communications, 2009, 149, 693-696.	1.9	10
60	Defect Mode in LaB_{6}. Acta Physica Polonica A, 2014, 126, 350-351.	0.5	10
61	Phonons in YB6 and LaB6: Effects of temperature and pressure. JETP Letters, 2015, 102, 295-300.	1.4	10
62	Antiferromagnetic Resonance in GdB6. JETP Letters, 2018, 108, 237-242.	1.4	10
63	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:msub><mml:msub><mml:mi 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
64	Electronic and optical properties of ZrB12 and YB6. Discussion on electron-phonon coupling. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3114-3117.	0.8	9
65	Anomalous thermopower in heavy-fermion compounds CeB6, CeAl3, and CeCu6 â^' x Au x. Journal of Experimental and Theoretical Physics, 2007, 105, 58-61.	0.9	9
66	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
67	Structural features of single crystals of LuB12 upon a transition to the cage-glass phase. Crystallography Reports, 2016, 61, 181-186.	0.6	9
68	Magnetic field dependence of the neutron spin resonance inCeB6. Physical Review B, 2016, 94, .	3.2	9
69	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
70	Anisotropy of the Charge Transport in GdB₆. Acta Physica Polonica A, 2017, 131, 973-975.	0.5	9
71	Anomalous hall effect in HoB12. JETP Letters, 2008, 86, 604-607.	1.4	8
72	Anomalous magnetoresistance of carbon-dopedEuB6: Possible role of nonferromagnetic regions. Physical Review B, 2008, 78, .	3.2	8

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73	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
74	Specific features of the formation of the ground state in PrB6. Physics of the Solid State, 2010, 52, 914-916.	0.6	8
75	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
76	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
77	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
78	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
79	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
80	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
81	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:msub><mml:msub><mml:mi 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
82	Vibrational spectra of the YbB12 Kondo insulator. Crystallography Reports, 2007, 52, 770-773.	0.6	6
83	Magnetization anisotropy in the AFM and SDW phases of CeB6. JETP Letters, 2008, 88, 318-321.	1.4	6
84	Separation of the contributions to the magnetization of Tm1 â^' xYb x B12 solid solutions in steady and pulsed magnetic fields. Journal of Experimental and Theoretical Physics, 2013, 116, 838-842.	0.9	6
85	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
86	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
87	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
88	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
89	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
90	Evidence of symmetry lowering in antiferromagnetic metal TmB₁₂ with dynamic charge stripes. Journal of Physics Condensed Matter, 2022, 34, 065602.	1.8	6

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91	HoB₄at high pressure and low temperature: an experimental and theoretical study. High Pressure Research, 2011, 31, 3-6.	1.2	5
92	Magnetoresistance of PrB₆and GdB₆. Journal of Physics: Conference Series, 2012, 400, 032003.	0.4	5
93	Specific features of magnetoresistance during the antiferromagnetâ€"paramagnet transition in Tm1 â^' xYb x B12. Journal of Experimental and Theoretical Physics, 2013, 116, 866-871.	0.9	5
94	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
95	Raman study of coupled electronic and phononic excitations in LuB12. Journal of Alloys and Compounds, 2017, 704, 390-397.	5.5	5
96	Magnetic Properties of the Topological Kondo Insulator SmB6: Localized Magnetic Moments and Pauli Paramagnetism. JETP Letters, 2019, 109, 150-156.	1.4	5
97	Anisotropy of Magnetoresistance in HoB12. Acta Physica Polonica A, 2017, 131, 976-978.	0.5	5
98	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
99	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
100	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
101	Magnetic phase separation in europium hexaboride and its relation to the Kondo interaction. JETP Letters, 2008, 88, 224-228.	1.4	4
102	Anomalies of the specific heat near the quantum critical point in Tm0.74Yb0.26B12. JETP Letters, 2010, 91, 75-78.	1.4	4
103	Effect of anisotropy in temperature dynamics of magnetic phase separation in europium hexaboride. Journal of Physics: Conference Series, 2010, 200, 032019.	0.4	4
104	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
105	Magnetic Phase Diagram of TmB_{4} under High Pressure. Acta Physica Polonica A, 2014, 126, 356-357.	0.5	4
106	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
107	Influence of dopants, particularly carbon, onÎ²-rhombohedral boron. Semiconductor Science and Technology, 2017, 32, 095015.	2.0	4
108	Spin Fluctuations at the Surface of Strongly Correlated Topological Insulator SmB6. Applied Magnetic Resonance, 2020, 51, 71-84.	1.2	4

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109	Anisotropy of the Hall Effect in the Paramagnetic Phase of Ho0.8Lu0.2B12 Cage Glass. JETP Letters, 2021, 113, 526-531.	1.4	4
110	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
111	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></mml:math> Physical Review B, 2022, 105, .	3.2	4
112	Dynamics of boron nanoclusters in RB12 (R = Yb, Lu) systems. Crystallography Reports, 2006, 51, S139-S143.	0.6	3
113	Crossover in the colossal magnetoresistance anisotropy in EuB₆. Journal of Physics: Conference Series, 2009, 150, 022014.	0.4	3
114	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
115	Influence of Lu â€“ Substitution on the frustrated antiferromagnetic system HoB12. Solid State Sciences, 2012, 14, 1722-1724.	3.2	3
116	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
117	Thermal evolution of magnetic-excitation spectrum of PrB6. Physics of Metals and Metallography, 2016, 117, 460-465.	1.0	3
118	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
119	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
120	Tunneling Spectroscopy Studies of SmB₆and YbB₁2. Acta Physica Polonica A, 2008, 113, 255-258.	0.5	3
121	Bulk and Local Magnetic Susceptibility of ErB12. Acta Physica Polonica A, 2008, 113, 271-274.	0.5	3
122	Hall effect and magnetic ordering in RB12. Low Temperature Physics, 2009, 35, 565-567.	0.6	2
123	Bulk and local susceptibility of RB12(R â€“ Ho, Er, Tm). Journal of Physics: Conference Series, 2009, 150, 042011.	0.4	2
124	Low temperature magnetotransport in RB6(R = Pr, Nd). Journal of Physics: Conference Series, 2009, 150, 042005.	0.4	2
125	Anisotropy of magnetoresistance in Pr¹¹B₆and NdB₆. Journal of Physics: Conference Series, 2010, 200, 032003.	0.4	2
126	Enhancement of the colossal magnetoresistance in Eu1 â^' x Ca x B6. Journal of Experimental and Theoretical Physics, 2010, 111, 246-250.	0.9	2

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127	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
128	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
129	Electron Paramagnetic Resonance in HoxLu1â^'xB12 Dodecaborides. JETP Letters, 2019, 110, 266-272.	1.4	2
130	Magnetic Properties of Eu0.9Yb0.1B6. Physics of the Solid State, 2019, 61, 565-570.	0.6	2
131	Transport properties of R0.01La0.99B6 solid solutions. Solid State Sciences, 2020, 103, 106181.	3.2	2
132	Phase Diagram of TmB4Probed by AC Calorimetry. Acta Physica Polonica A, 2010, 118, 903-904.	0.5	2
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134	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
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