

# Nikolay E Sluchanko

## List of Publications by Citations

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222 papers	1,885 citations	20 h-index	31 g-index
227 ext. papers	2,063 ext. citations	1.8 avg, IF	4.03 L-index

#	Paper	IF	Citations
222	Low-energy electrodynamics of SmB <sub>6</sub> . <i>Physical Review B</i> , <b>1999</b> , 59, 1808-1814	3.3	117
221	Colossal magnetoresistance in (x= 0.0, 0.1). <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, L427-L434	1.8	60
220	Intragap states in SmB <sub>6</sub> . <i>Physical Review B</i> , <b>2000</b> , 61, 9906-9909	3.3	57
219	Effects of disorder and isotopic substitution in the specific heat and Raman scattering in LuB <sub>12</sub> . <i>Journal of Experimental and Theoretical Physics</i> , <b>2011</b> , 113, 468-482	1	54
218	Resonant magnetic exciton mode in the heavy-fermion antiferromagnet CeB <sub>6</sub> . <i>Nature Communications</i> , <b>2012</b> , 3, 830	17.4	49
217	Resonant magnetoabsorption of millimeter-wave radiation in the quasi-two-dimensional organic metals alpha -(BEDT-TTF)2MHg(SCN)4 (M=K,Tl). <i>Physical Review B</i> , <b>1996</b> , 53, 12794-12803	3.3	41
216	Non-Traditional Carbon Semiconductors Prepared from Fullerite C60 and Carbyne under High Pressure. <i>Physica Status Solidi (B): Basic Research</i> , <b>1999</b> , 211, 401-412	1.3	37
215	Enhancement of band magnetism and features of the magnetically ordered state in the CeB <sub>6</sub> compound with strong electron correlations. <i>Journal of Experimental and Theoretical Physics</i> , <b>2007</b> , 104, 120-138	1	36
214	Magnetic spin resonance in CeB <sub>6</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	35
213	Magnetic phase diagram of MnSi in the high-field region. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	34
212	Rattling mode and symmetry lowering resulting from the instability of the B12 molecule in LuB <sub>12</sub> . <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	32
211	Crossover in magnetic properties of FeSi. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	32
210	Genesis of the anomalous Hall effect in CeAl <sub>2</sub> . <i>Journal of Experimental and Theoretical Physics</i> , <b>2004</b> , 98, 793-810	1	29
209	Interplay between the structure and properties of new metastable carbon phases obtained under high pressures from fullerite C60 and carbyne. <i>JETP Letters</i> , <b>2002</b> , 76, 681-692	1.2	27
208	Low-temperature transport anisotropy and many-body effects in SmB <sub>6</sub> . <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	27
207	Nature of the low-temperature anomalies in the physical properties of the intermediate-valent compound SmB <sub>6</sub> . <i>Journal of Experimental and Theoretical Physics</i> , <b>1999</b> , 88, 533-537	1	25
206	Hall effect in CeAl <sub>3</sub> . <i>Solid State Communications</i> , <b>1985</b> , 53, 645-648	1.6	25

205	Thermopower in the regime of strong Hubbard correlations in FeSi. <i>Europhysics Letters</i> , <b>2000</b> , 51, 557-563	2.4	24
204	Anomalous charge transport in RB12 (R = Ho, Er, Tm, Lu). <i>Physica Status Solidi (B): Basic Research</i> , <b>2006</b> , 243, R63-R65	1.3	21
203	Specific heat of Ce x La1-xB6 in the low cerium concentration limit (x < 0.03). <i>Journal of Experimental and Theoretical Physics</i> , <b>2013</b> , 116, 760-765	1	20
202	Is MnSi an itinerant-electron magnet? Results of ESR experiments. <i>JETP Letters</i> , <b>2011</b> , 93, 213-218	1.2	20
201	Experimental evidence for magnetic resonance in the antiferro-quadrupole phase. <i>Physica Status Solidi (B): Basic Research</i> , <b>2005</b> , 242, R27-R29	1.3	20
200	Anomalies of magnetoresistance of compounds with atomic clusters RB12 (R = Ho, Er, Tm, Lu). <i>Journal of Experimental and Theoretical Physics</i> , <b>2009</b> , 108, 668-687	1	19
199	Electron spin resonance in EuB6. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	18
198	New scenario for the decay of spin-Peierls state in CuGeO3: Fe. Onset of a quantum critical point. <i>JETP Letters</i> , <b>2001</b> , 73, 31-34	1.2	18
197	The lower symmetry electron-density distribution and the charge transport anisotropy in cubic dodecaboride LuB. <i>Journal of Physics Condensed Matter</i> , <b>2018</b> , 30, 265402	1.8	18
196	Superconductivity in ZrB12 and LuB12 with Various Boron Isotopes. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 1663-1667	1.5	17
195	Magnetic properties of vanadium oxide nanotubes and nanolayers. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	17
194	Macroscopic evidence for Abrikosov-type magnetic vortexes in MnSi A-phase. <i>Scientific Reports</i> , <b>2016</b> , 6, 22101	4.9	17
193	Quantum bicriticality in Mn1-xFe-xSi solid solutions: Exchange and percolation effects. <i>JETP Letters</i> , <b>2014</b> , 98, 829-833	1.2	16
192	Hall and transverse even effects in the vicinity of a quantum critical point in Tm1-xYb-xB12. <i>Journal of Experimental and Theoretical Physics</i> , <b>2012</b> , 115, 509-526	1	16
191	Isotope effect in charge transport of LuB12. <i>Journal of Experimental and Theoretical Physics</i> , <b>2010</b> , 111, 279-284	1	16
190	Anomalous temperature dependence of the ESR linewidth in CuGeO3 doped with magnetic impurities and the universal relations in the Oshikawa-Affleck theory. <i>Europhysics Letters</i> , <b>2003</b> , 63, 446-452	1.6	16
189	Antiferromagnetic instability and the metal-insulator transition in Tm1-xYb-xB12 rare earth dodecaborides. <i>JETP Letters</i> , <b>2009</b> , 89, 256-259	1.2	15
188	Spin gap formation in SmB6. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 614-615	2.8	15

- <sup>187</sup> Enhancement of electron-phonon interactions in the nonequilibrium solid solutions Al<sub>1-x</sub>Si<sub>x</sub>. *Physical Review B*, **1995**, 51, 1112-1116 3.3 15
- <sup>186</sup> An exceptionally-high diffraction quality dodecaboride LuB<sub>12</sub>: Growth and single-crystal structure. *Journal of Alloys and Compounds*, **2017**, 692, 535-544 5.7 14
- <sup>185</sup> Charge transport in Ho<sub>0.8</sub>Lu<sub>0.2</sub>B<sub>12</sub>: Separating positive and negative magnetoresistance in metals with magnetic ions. *Physical Review B*, **2015**, 91, 3.3 14
- <sup>184</sup> Spin-polaron transport and magnetic phase diagram of iron monosilicide. *Journal of Experimental and Theoretical Physics*, **2004**, 99, 394-414 1 14
- <sup>183</sup> Anomalous spin relaxation and quantum criticality in Mn<sub>1-x</sub>Fe<sub>x</sub>Si solid solutions. *JETP Letters*, **2014**, 100, 28-31 1.2 13
- <sup>182</sup> Thermopower of Al<sub>1-x</sub>Si<sub>x</sub> solid solutions in vicinity of lattice instability. *Journal of Experimental and Theoretical Physics*, **1998**, 86, 190-196 1 13
- <sup>181</sup> Phonon drag induced by Einstein mode in ZrB<sub>12</sub>. *Physica Status Solidi (B): Basic Research*, **2006**, 243, R72-R74 13
- <sup>180</sup> Observation of dynamic charge stripes in TmYbB at the metal-insulator transition. *Journal of Physics Condensed Matter*, **2019**, 31, 065604 1.8 13
- <sup>179</sup> Maltese cross anisotropy in Ho<sub>0.8</sub>Lu<sub>0.2</sub>B<sub>12</sub> antiferromagnetic metal with dynamic charge stripes. *Physical Review B*, **2019**, 99, 3.3 12
- <sup>178</sup> Suppression of superconductivity in Lu<sub>0.8</sub>Zr<sub>0.2</sub>B<sub>12</sub>: Evidence of static magnetic moments induced by nonmagnetic impurities. *Physical Review B*, **2016**, 93, 3.3 12
- <sup>177</sup> Electron nematic effect induced by magnetic field in antiferroquadrupole phase of CeB. *Scientific Reports*, **2017**, 7, 17430 4.9 12
- <sup>176</sup> Magnetic resonance in cerium hexaboride caused by quadrupolar ordering. *Journal of Magnetism and Magnetic Materials*, **2006**, 300, e534-e537 2.8 12
- <sup>175</sup> The bulk amorphous Al<sub>3</sub>B<sub>5</sub> semiconductor: Technological and physical aspects. *Journal of Non-Crystalline Solids*, **1987**, 97-98, 1459-1462 3.9 12
- <sup>174</sup> Lattice instability and enhancement of superconductivity in YB<sub>6</sub>. *Physical Review B*, **2017**, 96, 3.3 11
- <sup>173</sup> Microwave EPR spectroscopy of cobalt-doped germanium cuprate. *Physics of the Solid State*, **2004**, 46, 2238-2248 0.8 11
- <sup>172</sup> Electron transport in carbynes modified under high pressure. *JETP Letters*, **2003**, 78, 511-519 1.2 11
- <sup>171</sup> Ground state formation in a strong hubbard correlation regime in iron monosilicide. *Journal of Experimental and Theoretical Physics*, **2001**, 92, 312-325 1 11
- <sup>170</sup> Magnetoresistance Scaling and the Anisotropy of Charge Carrier Scattering in the Paramagnetic Phase of Ho<sub>0.8</sub>Lu<sub>0.2</sub>B<sub>12</sub> Cage Glass. *JETP Letters*, **2018**, 107, 30-36 1.2 10

169	Paramagnetic Meissner effect in ZrB <sub>12</sub> single crystal with non-monotonic vortex-vortex interactions. <i>New Journal of Physics</i> , <b>2017</b> , 19, 093020	2.9	10
168	High-frequency study of the orbital ordering resonance in the strongly correlated heavy fermion metal CeB <sub>6</sub> . <i>Applied Magnetic Resonance</i> , <b>2009</b> , 35, 319-326	0.8	10
167	Cyclotron resonance in the organic conductor (BEDO-TTF) <sub>2</sub> ReO <sub>4</sub> (H <sub>2</sub> O) in the millimeter wavelength band. <i>Journal of Experimental and Theoretical Physics</i> , <b>1997</b> , 84, 540-544	1	10
166	ESR millimeter-band spectroscopy of magnetic ordering in the low-dimensional magnet CuGeO <sub>3</sub> . <i>Journal of Experimental and Theoretical Physics</i> , <b>1997</b> , 85, 943-948	1	10
165	Magnetic phase diagram of the spin-Peierls compound CuGeO <sub>3</sub> doped with Al and Sn. <i>Physical Review B</i> , <b>1998</b> , 58, 6321-6329	3.3	10
164	Collective Infrared Excitation in LuB <sub>12</sub> Cage-Glass. <i>JETP Letters</i> , <b>2018</b> , 107, 100-105	1.2	9
163	Magnetic ordering in HoB <sub>12</sub> below and above TN. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 1727-1729	2.8	9
162	Magnetic and transport properties of colossal magnetoresistance compound EuB <sub>6</sub> . <i>Journal of Experimental and Theoretical Physics</i> , <b>2007</b> , 105, 132-134	1	9
161	Quantum critical point in CuGeO <sub>3</sub> doped with magnetic impurities. <i>Physica B: Condensed Matter</i> , <b>2003</b> , 329-333, 715-716	2.8	9
160	Magnetic resonance anisotropy in CeB <sub>6</sub> : an entangled state of the art. <i>Scientific Reports</i> , <b>2016</b> , 6, 39196	4.9	9
159	Structural features of single crystals of LuB <sub>12</sub> upon a transition to the cage-glass phase. <i>Crystallography Reports</i> , <b>2016</b> , 61, 181-186	0.6	9
158	Transport properties of variously doped SmB <sub>6</sub> . <i>Philosophical Magazine</i> , <b>2016</b> , 96, 3274-3283	1.6	9
157	Surface and bulk components of electrical conductivity in (presumably special topological) Kondo insulator SmB <sub>6</sub> at lowest temperatures. <i>Solid State Sciences</i> , <b>2015</b> , 47, 17-20	3.4	8
156	Defect Mode in LaB <sub>6</sub> . <i>Acta Physica Polonica A</i> , <b>2014</b> , 126, 350-351	0.6	8
155	Spin excitations of the correlated semiconductor FeSi probed by THz radiation. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	8
154	Low-temperature anomalies of the Hall coefficient in FeSi. <i>JETP Letters</i> , <b>1998</b> , 68, 817-822	1.2	8
153	Anomalous thermopower in heavy-fermion compounds CeB <sub>6</sub> , CeAl <sub>3</sub> , and CeCu <sub>6-x</sub> Au <sub>x</sub> . <i>Journal of Experimental and Theoretical Physics</i> , <b>2007</b> , 105, 58-61	1	8
152	Anomalous polarization characteristics of magnetic resonance in a quasi-one-dimensional CuGeO <sub>3</sub> : Co magnet. <i>Physics of the Solid State</i> , <b>2007</b> , 49, 1295-1304	0.8	8

151	High-frequency electron spin resonance probing of magnetic polaron formation in EuB6. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 932-933	2.8	8
150	Electron spin resonance and quantum critical phenomena in VOx multiwall nanotubes. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2008</b> , 2, 221-223	2.5	8
149	Effect of a magnetic field on the intermediate phase in Mn <sub>1-x</sub> Fe <sub>x</sub> Si: Spin-liquid versus fluctuations scenario. <i>JETP Letters</i> , <b>2016</b> , 103, 321-327	1.2	8
148	Antiferromagnetic Resonance in GdB6. <i>JETP Letters</i> , <b>2018</b> , 108, 237-242	1.2	8
147	Magnetic resonance probing of ground state in the mixed valence correlated topological insulator SmB. <i>Scientific Reports</i> , <b>2018</b> , 8, 7125	4.9	7
146	Pulsed magnetic field study of the spin gap in intermediate valence compound SmB6. <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 2985-2987	2.8	7
145	Magnetoresistance and magnetic ordering in praseodymium and neodymium hexaborides. <i>Journal of Experimental and Theoretical Physics</i> , <b>2009</b> , 109, 815-832	1	7
144	Anomalous hall effect in HoB12. <i>JETP Letters</i> , <b>2008</b> , 86, 604-607	1.2	7
143	A huge renormalization of transport effective mass in the magnetic-polaronic state of EuB6. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 820-821	2.8	7
142	Antiferro-quadrupole resonance in CeB6. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 602-603	2.8	7
141	Magnetoresistance of Ce-based heavy fermion systems. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 308-310	2.8	7
140	An enhanced superconductivity in the supersaturated Al-Si solid solutions. <i>Journal of Physics Condensed Matter</i> , <b>1993</b> , 5, 5933-5940	1.8	7
139	The decomposition of supersaturated Al <sub>1-x</sub> Si <sub>x</sub> solid solutions. <i>Journal of Physics Condensed Matter</i> , <b>1994</b> , 6, 9079-9088	1.8	7
138	Heavy fermions in kondo lattices. <i>Journal of the Less Common Metals</i> , <b>1987</b> , 127, 321-327		7
137	Suppression of indirect exchange and symmetry breaking in the antiferromagnetic metal HoB12 with dynamic charge stripes. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	7
136	Anisotropy of the Charge Transport in GdB6. <i>Acta Physica Polonica A</i> , <b>2017</b> , 131, 973-975	0.6	7
135	Nature of heavy-fermion states arising in the vicinity of an isolated cerium or holmium magnetic impurity in LaB6. <i>JETP Letters</i> , <b>2015</b> , 101, 36-40	1.2	6
134	Magnetization of Mn <sub>1-x</sub> Fe <sub>x</sub> Si in high magnetic fields up to 50 T: Possible evidence of a field-induced Griffiths phase. <i>JETP Letters</i> , <b>2016</b> , 104, 116-123	1.2	6

133	10B $\rightarrow$ 11B isotope substitution and superconductivity in ZrB12. <i>JETP Letters</i> , <b>2011</b> , 94, 642-646	1.2	6
132	Hall-effect anomalies near the quantum critical point in CeCu6 $\rightarrow$ Aux. <i>Low Temperature Physics</i> , <b>2009</b> , 35, 544-555	0.7	6
131	Quantum critical behavior induced by Mn impurity in CuGeO3. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 115-116	2.8	6
130	Hopping conductivity of carbynes modified under high pressures and temperatures: Galvanomagnetic and thermoelectric properties. <i>Journal of Experimental and Theoretical Physics</i> , <b>2002</b> , 95, 123-131	1	6
129	Low-Temperature anomalies of the Hall coefficient for a magnetic Kondo lattice of CeAl2. <i>JETP Letters</i> , <b>2002</b> , 76, 26-29	1.2	6
128	Decay kinetics of nonequilibrium Al-Si solid solutions. <i>Physical Review B</i> , <b>2000</b> , 61, 6019-6027	3.3	6
127	Breaking of Cubic Symmetry in Rare-Earth Dodecaborides with Dynamic Charge Stripes. <i>JETP Letters</i> , <b>2020</b> , 112, 413-419	1.2	6
126	Raman scattering in ZrB12 cage glass. <i>JETP Letters</i> , <b>2016</b> , 103, 674-679	1.2	6
125	Isosbestic Point and Magnetoresistance Components in Ho( $\rightarrow$ 0.5) Lu( $\rightarrow$ 0.5) B( $\rightarrow$ 12). <i>Journal of Low Temperature Physics</i> , <b>2016</b> , 185, 522-530	1.3	5
124	Quantum diffusion regime of charge transport in GdB6 caused by electron and lattice instability. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	5
123	ESR probing of quantum critical phenomena in doped S = 1/2 AF quantum spin chain. <i>Applied Magnetic Resonance</i> , <b>2009</b> , 35, 327-335	0.8	5
122	Thermoelectric power anomalies and electron-phonon interaction in nonequilibrium solid solutions Al1 $\rightarrow$ Six. <i>Physical Review B</i> , <b>1997</b> , 56, 10816-10819	3.3	5
121	Thermopower in quasi-two-dimensional (BEDT-TTF) m X n organic conductors. <i>Journal of Experimental and Theoretical Physics</i> , <b>1998</b> , 86, 182-189	1	5
120	Thermopower in the hopping conductivity region: Transition from Mott $\rightarrow$ to Zvyagin $\rightarrow$ formula. <i>JETP Letters</i> , <b>1998</b> , 68, 842-847	1.2	5
119	Magnetoresistance and magnetization anomalies in CeB6. <i>Journal of Solid State Chemistry</i> , <b>2006</b> , 179, 2819-2822	3.3	5
118	Bulk and local magnetization in CeAl2 and CeB6. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 769-770	2.8	5
117	Heavy fermions in CeAl3. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 773-774	2.8	5
116	1D-3D crossover in hopping conduction of carbynes. <i>JETP Letters</i> , <b>2000</b> , 72, 381-384	1.2	5



115	Microwave absorption in the Kondo lattice of CeB <sub>6</sub> in strong magnetic fields. <i>JETP Letters</i> , <b>1996</b> , 63, 453-458	1.2	5
114	Anisotropy of Magnetoresistance in HoB <sub>12</sub> . <i>Acta Physica Polonica A</i> , <b>2017</b> , 131, 976-978	0.6	5
113	Collective infrared excitation in rare-earth Gd <sub>x</sub> La <sub>1-x</sub> B <sub>6</sub> hexaborides. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	4
112	Separation of the contributions to the magnetization of Tm <sub>1-x</sub> Yb <sub>x</sub> B <sub>12</sub> solid solutions in steady and pulsed magnetic fields. <i>Journal of Experimental and Theoretical Physics</i> , <b>2013</b> , 116, 838-842	1	4
111	Specific features of magnetoresistance during the antiferromagnet-paramagnet transition in Tm <sub>1-x</sub> Yb <sub>x</sub> B <sub>12</sub> . <i>Journal of Experimental and Theoretical Physics</i> , <b>2013</b> , 116, 866-871	1	4
110	Comment to Features of the local structure of rare-earth dodecaborides RB <sub>12</sub> (R = Ho, Er, Tm, Yb, Lu) [ <i>JETP Lett.</i> 98, 165 (2013)]. <i>JETP Letters</i> , <b>2014</b> , 98, 578-580	1.2	4
109	FM-AFM crossover in vanadium oxide nanomaterials. <i>JETP Letters</i> , <b>2010</b> , 91, 11-15	1.2	4
108	Anomalies of the specific heat near the quantum critical point in Tm <sub>0.74</sub> Yb <sub>0.26</sub> B <sub>12</sub> . <i>JETP Letters</i> , <b>2010</b> , 91, 75-78	1.2	4
107	Magnetoresistance of PrB <sub>6</sub> and GdB <sub>6</sub> . <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 400, 032003	0.3	4
106	Magnetization anisotropy in the AFM and SDW phases of CeB <sub>6</sub> . <i>JETP Letters</i> , <b>2008</b> , 88, 318-321	1.2	4
105	Quantum Criticality and Collective Effects in Low-Dimensional Magnet CuGeO <sub>3</sub> :Fe Probed by High Frequency EPR. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2007</b> , 20, 105-108	1.5	4
104	Scaling of magnetoresistance of carbon nanomaterials in Mott-type hopping conductivity region. <i>Physics of the Solid State</i> , <b>2008</b> , 50, 1386-1391	0.8	4
103	Heavy fermions and quantum critical behavior in CeCu <sub>6-x</sub> Aux (x=0-2) and CeAl <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 300, e288-e290	2.8	4
102	The regimes of charge transport in CeB <sub>6</sub> . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 780-781	2.8	4
101	Disorder-driven quantum critical behaviour in CuGeO <sub>3</sub> doped with magnetic impurity. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 1315-1317	2.8	4
100	The Competition between Staggered Field and Antiferromagnetic Interactions in CuGeO <sub>3</sub> :Fe. <i>Progress of Theoretical Physics Supplement</i> , <b>2005</b> , 159, 387-391		4
99	DC and AC Hopping Transport in Bulk Amorphous Gallium Antimonide. <i>Physica Status Solidi (B): Basic Research</i> , <b>2000</b> , 218, 67-70	1.3	4
98	Low-temperature transport anomalies in FeSi. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 284-288, 1179-1180	2.8	4



97	Anomalous magnetic properties of the complex (ET)2C60. <i>JETP Letters</i> , <b>1999</b> , 69, 785-791	1.2	4
96	Phonon Drag and Magnetic Anomalies of Thermopower in RB12(R = Ho, Er, Tm, Lu). <i>Acta Physica Polonica A</i> , <b>2008</b> , 113, 275-278	0.6	4
95	Maltese Cross Anisotropy in Antiferromagnetic State of Metallic Ho0.5Lu0.5B12 with Dynamic Charge Stripes. <i>Acta Physica Polonica A</i> , <b>2020</b> , 137, 756-759	0.6	4
94	Magnetic Phase Diagram of Tm0.96Yb0.04B12 Antiferromagnet with Dynamic Charge Stripes and Yb Valence Instability. <i>Acta Physica Polonica A</i> , <b>2020</b> , 137, 788-790	0.6	4
93	Observation of a crossover from nodal to gapped superconductivity in LuZr1-xB12. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	4
92	Influence of Lu Substitution on the frustrated antiferromagnetic system HoB12. <i>Solid State Sciences</i> , <b>2012</b> , 14, 1722-1724	3.4	3
91	Magnetic field enhancement of the Hall effect in diluted magnetic system La1-xCexB6 (x 0.1). <i>Solid State Sciences</i> , <b>2012</b> , 14, 1629-1631	3.4	3
90	La1-xCexB6(x0.1): spin-polaron regime in dilute magnetic system. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 150, 042187	0.3	3
89	Suppression of Spin-Glass State in PrB6. <i>Solid State Phenomena</i> , <b>2012</b> , 190, 221-224	0.4	3
88	New Magnetoresistance Results in GdB6. <i>Solid State Phenomena</i> , <b>2012</b> , 190, 77-80	0.4	3
87	Onset of a nonoptimal hopping regime for ac conductivity in amorphous gallium antimonide. <i>JETP Letters</i> , <b>1997</b> , 65, 342-348	1.2	3
86	Comments on magnetic phase separation in Europium hexaboride and its relation to the Kondo interaction by T. S. Alshuler et al., Pis'ma Zh. Eksp. Teor. Fiz. 88, 258 (2008) [JETP Lett. 88, 224 (2008)]. <i>JETP Letters</i> , <b>2008</b> , 88, 777-778	1.2	3
85	Hall effect in the Ce(Al1-xCo x)2 heavy-fermion system. <i>Journal of Experimental and Theoretical Physics</i> , <b>2007</b> , 105, 108-111	1	3
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22	Charge transport in correlated metallic state of FeSi. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 1165-1167	1.8	1
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