

Sergey Demishev

List of Publications by Year in descending order

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171
papers

1,635
citations

331538

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30
g-index

175
all docs

175
docs citations

175
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
19	Scrutinizing Hall Effect in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \text{Mn} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mn} 1 \langle \text{mml:mn} 2 \rangle \langle \text{mml:mn} 1 \rangle \langle \text{mml:mn} 1 \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Fermi Surface Evolution and Hidden Quantum Criticality. Physical Review Letters, 2015, 115, 256601.	2.0	21
20	Quantum bicriticality in $\text{Mn}_{1-x}\text{Fe}_x\text{Si}$ solid solutions: Exchange and percolation effects. JETP Letters, 2014, 98, 829-833.	0.4	22
21	Antiferromagnetic instability and the metal-insulator transition in $\text{Tm}_{1-x}\text{Yb}_x\text{B}_{12}$ rare earth dodecaborides. JETP Letters, 2009, 89, 256-259.	0.4	21
22	Hall and transverse even effects in the vicinity of a quantum critical point in $\text{Tm}_{1-x}\text{Yb}_x\text{B}_{12}$. Journal of Experimental and Theoretical Physics, 2012, 115, 509-526.	0.2	21
23	Experimental evidence for magnetic resonance in the antiferro-quadrupole phase. Physica Status Solidi (B): Basic Research, 2005, 242, R27-R29.	0.7	20
24	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)] JETP Letters, 2008, 88, 777-778.	0.4	20
25	Electron nematic effect induced by magnetic field in antiferroquadrupole phase of CeB_6 . Scientific Reports, 2017, 7, 17430.	1.6	20
26	Maltese cross anisotropy in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mi} \text{Ho} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} 0.8 \langle \text{mml:mn} 1 \rangle \langle \text{mml:mn} 2 \rangle \langle \text{mml:mn} 1 \rangle \rangle \rangle \rangle \rangle \langle \text{mml:mathvariant="normal"} \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mn} 12 \langle \text{mml:mn} 1 \rangle \langle \text{mml:mn} 2 \rangle \langle \text{mml:mn} 1 \rangle \rangle \langle \text{mml:mrow} \langle \text{mml:math} \rangle \text{antiferromagnetic metal with dynamic charge stripes. Physical Review B, 2019, 99, .$	1.1	20
27	New scenario for the decay of spin-Peierls state in CuGeO_3 : Fe. Onset of a quantum critical point. JETP Letters, 2001, 73, 31-34.	0.4	19
28	Charge transport in $\text{Ho}_x\text{Lu}_{1-x}\text{B}_{12}$: Separating positive and negative magnetoresistance in metals with magnetic ions. Physical Review B, 2015, 91, .	1.1	19
29	Electron spin resonance in EuB_6 . Physical Review B, 2009, 79, .	1.1	18
30	Magnetic properties of vanadium oxide nanotubes and nanolayers. Physical Review B, 2011, 84, .	1.1	18
31	Anomalous temperature dependence of the ESR linewidth in CuGeO_3 doped with magnetic impurities and the universal relations in the Oshikawa-Affleck theory. Europhysics Letters, 2003, 63, 446-452.	0.7	17
32	Isotope effect in charge transport of LuB_{12} . Journal of Experimental and Theoretical Physics, 2010, 111, 279-284.	0.2	17
33	Anomalous spin relaxation and quantum criticality in $\text{Mn}_{1-x}\text{Fe}_x\text{Si}$ solid solutions. JETP Letters, 2014, 100, 28-31.	0.4	17
34	Electron Spin Resonance in Strongly Correlated Metals. Applied Magnetic Resonance, 2020, 51, 473-522.	0.6	17
35	Enhancement of electron-phonon interactions in the nonequilibrium solid solutions $\text{Al}_{1-x}\text{Si}_x$. Physical Review B, 1995, 51, 1112-1116.	1.1	16
36	Spin-polaron transport and magnetic phase diagram of iron monosilicide. Journal of Experimental and Theoretical Physics, 2004, 99, 394-414.	0.2	16

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37	Collective Infrared Excitation in LuB12 Cage-Glass. JETP Letters, 2018, 107, 100-105.	0.4	16
38	Magnetic resonance anisotropy in CeB6: an entangled state of the art. Scientific Reports, 2016, 6, 39196.	1.6	15
39	Thermopower of Al ^{1-x} Si ₆ solid solutions in vicinity of lattice instability. Journal of Experimental and Theoretical Physics, 1998, 86, 190-196.	0.2	13
40	Magnetic resonance in cerium hexaboride caused by quadrupolar ordering. Journal of Magnetism and Magnetic Materials, 2006, 300, e534-e537.	1.0	13
41	Magnetic resonance probing of ground state in the mixed valence correlated topological insulator SmB6. Scientific Reports, 2018, 8, 7125.	1.6	13
42	Ground state formation in a strong hubbard correlation regime in iron monosilicide. Journal of Experimental and Theoretical Physics, 2001, 92, 312-325.	0.2	12
43	Microwave EPR spectroscopy of cobalt-doped germanium cuprate. Physics of the Solid State, 2004, 46, 2238-2248.	0.2	12
44	Anomalous polarization characteristics of magnetic resonance in a quasi-one-dimensional CuGeO3: Co magnet. Physics of the Solid State, 2007, 49, 1295-1304.	0.2	12
45	Suppression of superconductivity in $\text{Zr}_{1-x}\text{B}_x$ $\text{Lu}_{1-x}\text{Zr}_x$ and $\text{Lu}_{1-x}\text{B}_x$ systems. Evidence of static magnetic moments induced by nonmagnetic impurities. Physical Review B, 2016, 93.	1.1	12
46	Cyclotron resonance in the organic conductor (BEDO-TTF) ₂ ReO ₄ (H ₂ O) in the millimeter wavelength band. Journal of Experimental and Theoretical Physics, 1997, 84, 540-544.	0.2	11
47	ESR millimeter-band spectroscopy of magnetic ordering in the low-dimensional magnet CuGeO ₃ . Journal of Experimental and Theoretical Physics, 1997, 85, 943-948.	0.2	11
48	Electron transport in carbynes modified under high pressure. JETP Letters, 2003, 78, 511-519.	0.4	11
49	High-frequency study of the orbital ordering resonance in the strongly correlated heavy fermion metal CeB6. Applied Magnetic Resonance, 2009, 35, 319-326.	0.6	11
50	Magnetoconductance and magnetic ordering in praseodymium and neodymium hexaborides. Journal of Experimental and Theoretical Physics, 2009, 109, 815-832.	0.2	11
51	Anomalous Hall effect in MnSi: Intrinsic to extrinsic crossover. JETP Letters, 2015, 101, 459-464.	0.4	11
52	Effect of a magnetic field on the intermediate phase in Mn _{1-x} Fe _x Si: Spin-liquid versus fluctuations scenario. JETP Letters, 2016, 103, 321-327.	0.4	11
53	Magnetization of Mn _{1-x} Fe _x Si in high magnetic fields up to 50 T: Possible evidence of a field-induced Griffiths phase. JETP Letters, 2016, 104, 116-123.	0.4	11
54	Magnetoconductance Scaling and the Anisotropy of Charge Carrier Scattering in the Paramagnetic Phase of Ho _{0.8} Lu _{0.2} B ₁₂ Cage Glass. JETP Letters, 2018, 107, 30-36.	0.4	11

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55	Breaking of Cubic Symmetry in Rare-Earth Dodecaborides with Dynamic Charge Stripes. JETP Letters, 2020, 112, 413-419.	0.4	11
56	Magnetic phase diagram of the spin-Peierls compound CuGeO_3 doped with Al and Sn. Physical Review B, 1998, 58, 6321-6329.	1.1	10
57	Magnetic and transport properties of colossal magnetoresistance compound EuB_6 . Journal of Experimental and Theoretical Physics, 2007, 105, 132-134.	0.2	10
58	^{10}B – ^{11}B isotope substitution and superconductivity in ZrB_{12} . JETP Letters, 2011, 94, 642-646.	0.4	10
59	Antiferromagnetic Resonance in GdB_6 . JETP Letters, 2018, 108, 237-242.	0.4	10
60	An enhanced superconductivity in the supersaturated Al-Si solid solutions. Journal of Physics Condensed Matter, 1993, 5, 5933-5940.	0.7	9
61	Anomalous thermopower in heavy-fermion compounds CeB_6 , CeAl_3 , and $\text{CeCu}_6 - x\text{Au}_x$. Journal of Experimental and Theoretical Physics, 2007, 105, 58-61.	0.2	9
62	Spin excitations of the correlated semiconductor FeSi probed by THz radiation. Physical Review B, 2011, 84, .	1.1	9
63	Magnetic field dependence of the neutron spin resonance in CeB_6 . Physical Review B, 2016, 94, .	1.1	9
64	Low-temperature anomalies of the Hall coefficient in FeSi. JETP Letters, 1998, 68, 817-822.	0.4	8
65	Antiferro-quadrupole resonance in CeB_6 . Physica B: Condensed Matter, 2006, 378-380, 602-603.	1.3	8
66	Electron spin resonance and quantum critical phenomena in VOx multiwall nanotubes. Physica Status Solidi - Rapid Research Letters, 2008, 2, 221-223.	1.2	8
67	Anomalous hall effect in HoB_{12} . JETP Letters, 2008, 86, 604-607.	0.4	8
68	Nature of heavy-fermion states arising in the vicinity of an isolated cerium or holmium magnetic impurity in LaB_6 . JETP Letters, 2015, 101, 36-40.	0.4	8
69	The decomposition of supersaturated Al $_1-x$ Si $_x$ solid solutions. Journal of Physics Condensed Matter, 1994, 6, 9079-9088.	0.7	7
70	Decay kinetics of nonequilibrium Al-Si solid solutions. Physical Review B, 2000, 61, 6019-6027.	1.1	7
71	Hopping conductivity of carbynes modified under high pressures and temperatures: Galvanomagnetic and thermoelectric properties. Journal of Experimental and Theoretical Physics, 2002, 95, 123-131.	0.2	7
72	Low-Temperature anomalies of the Hall coefficient for a magnetic Kondo lattice of CeAl_2 . JETP Letters, 2002, 76, 26-29.	0.4	7

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73	Magnetoresistance of carbon nanomaterials. <i>Physics of the Solid State</i> , 2006, 48, 1363-1372.	0.2	7
74	Hall-effect anomalies near the quantum critical point in CeCu _{6-x} Aux. <i>Low Temperature Physics</i> , 2009, 35, 544-555.	0.2	7
75	Anomalous magnetic properties of the paramagnetic phase and spin polarons in manganese monosilicide. <i>Low Temperature Physics</i> , 2015, 41, 971-978.	0.2	7
76	Thermoelectric power anomalies and electron-phonon interaction in nonequilibrium solid solutions Al _{1-x} Si _x . <i>Physical Review B</i> , 1997, 56, 10816-10819.	1.1	6
77	Thermopower in the hopping conductivity region: Transition from Mott's to Zvyagin's formula. <i>JETP Letters</i> , 1998, 68, 842-847.	0.4	6
78	1D-3D crossover in hopping conduction of carbynes. <i>JETP Letters</i> , 2000, 72, 381-384.	0.4	6
79	Magnetization anisotropy in the AFM and SDW phases of CeB ₆ . <i>JETP Letters</i> , 2008, 88, 318-321.	0.4	6
80	Separation of the contributions to the magnetization of Tm _{1-x} Yb _x B ₁₂ solid solutions in steady and pulsed magnetic fields. <i>Journal of Experimental and Theoretical Physics</i> , 2013, 116, 838-842.	0.2	6
81	Raman scattering in ZrB ₁₂ cage glass. <i>JETP Letters</i> , 2016, 103, 674-679.	0.4	6
82	Features of the Crystal Structure of Tm _{1-x} Yb _x B ₁₂ Dodecaborides near a Quantum Critical Point and at a Metal-Insulator Transition. <i>JETP Letters</i> , 2018, 108, 691-696.	0.4	6
83	Evidence of symmetry lowering in antiferromagnetic metal TmB ₁₂ with dynamic charge stripes. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 065602.	0.7	6
84	Electron Paramagnetic Resonance and the Modified Landau-Lifshitz Equation in Strongly Correlated Electronic Systems with Quantum Fluctuations of the Magnetic Moment. <i>Doklady Physics</i> , 2021, 66, 187-190.	0.2	6
85	Microwave absorption in the Kondo lattice of CeB ₆ in strong magnetic fields. <i>JETP Letters</i> , 1996, 63, 453-458.	0.4	5
86	Thermopower in quasi-two-dimensional (BEDT-TTF) _m X _n organic conductors. <i>Journal of Experimental and Theoretical Physics</i> , 1998, 86, 182-189.	0.2	5
87	Magnetic properties of the fullerene-based molecular complexes in strong magnetic field. <i>Physica B: Condensed Matter</i> , 2001, 294-295, 324-327.	1.3	5
88	The Competition between Staggered Field and Antiferromagnetic Interactions in CuGeO ₃ :Fe. <i>Progress of Theoretical Physics Supplement</i> , 2005, 159, 387-391.	0.2	5
89	Hopping conduction and magnetoresistance of C ₂ N ₂ -based nanomaterials synthesized under high pressure. <i>Physics of the Solid State</i> , 2007, 49, 1403-1409.	0.2	5
90	Scaling of magnetoresistance of carbon nanomaterials in Mott-type hopping conductivity region. <i>Physics of the Solid State</i> , 2008, 50, 1386-1391.	0.2	5

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91	ESR probing of quantum critical phenomena in doped $S = 1/2$ AF quantum spin chain. Applied Magnetic Resonance, 2009, 35, 327-335.	0.6	5
92	Magnetic susceptibility of an antiferromagnetic system with disorder-driven quantum critical behavior. Physica Status Solidi (B): Basic Research, 2010, 247, 676-678.	0.7	5
93	FM-AFM crossover in vanadium oxide nanomaterials. JETP Letters, 2010, 91, 11-15.	0.4	5
94	Magnetoresistance of PrB_6 and GdB_6 . Journal of Physics: Conference Series, 2012, 400, 032003.	0.3	5
95	Specific features of magnetoresistance during the antiferromagnetic-paramagnetic transition in $\text{Tm}_1-x\text{Yb}_x\text{B}_{12}$. Journal of Experimental and Theoretical Physics, 2013, 116, 866-871.	0.2	5
96	Quantum phase transitions in spiral magnets without an inversion center. Physics-Usppekhi, 2016, 59, 559-563.	0.8	5
97	Bulk and surface electron transport in topological insulator candidate YbB_6 . Physica Status Solidi - Rapid Research Letters, 2016, 10, 320-323.	1.2	5
98	Isosbestic Point and Magnetoresistance Components in $\text{Ho}_{0.5}\text{Lu}_{0.5}\text{B}_{12}$. Journal of Low Temperature Physics, 2016, 185, 522-530.	0.6	5
99	Magnetic Properties of the Topological Kondo Insulator SmB_6 : Localized Magnetic Moments and Pauli Paramagnetism. JETP Letters, 2019, 109, 150-156.	0.4	5
100	Role of spin-glass behavior in the formation of exotic magnetic states in GdB_6 . Scientific Reports, 2020, 10, 18214.	1.6	5
101	Anomalous magnetic properties of the complex $(\text{ET})_2\text{C}_6\text{O}$. JETP Letters, 1999, 69, 785-791.	0.4	4
102	DC and AC Hopping Transport in Bulk Amorphous Gallium Antimonide. Physica Status Solidi (B): Basic Research, 2000, 218, 67-70.	0.7	4
103	A new nanocluster carbyne-based material synthesized under high pressure. Physics of the Solid State, 2002, 44, 607-611.	0.2	4
104	Magnetic properties of the fullerene organic compounds in strong magnetic fields. Polyhedron, 2003, 22, 2009-2012.	1.0	4
105	Disorder-driven quantum critical behaviour in CuGeO_3 doped with magnetic impurity. Physica B: Condensed Matter, 2005, 359-361, 1315-1317.	1.3	4
106	Quantum Criticality and Collective Effects in Low-Dimensional Magnet $\text{CuGeO}_3\text{:Fe}$ Probed by High Frequency EPR. Journal of Superconductivity and Novel Magnetism, 2007, 20, 105-108.	0.8	4
107	Modeling of magnetic susceptibility of an antiferromagnetic system with disorder-driven quantum critical behavior. Physics of the Solid State, 2009, 51, 547-551.	0.2	4
108	Anomalies of the specific heat near the quantum critical point in $\text{Tm}_{0.74}\text{Yb}_{0.26}\text{B}_{12}$. JETP Letters, 2010, 91, 75-78.	0.4	4

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109	Comment to "Features of the local structure of rare-earth dodecaborides RB ₁₂ (R = Ho, Er, Tm, Yb, Lu)" (JETP Lett. 98, 165 (2013)). JETP Letters, 2014, 98, 578-580.	0.4	4
110	Anomalies of magnetoresistance in Ce-based heavy fermion compounds. Low Temperature Physics, 2015, 41, 1011-1023.	0.2	4
111	Spin Fluctuations at the Surface of Strongly Correlated Topological Insulator SmB ₆ . Applied Magnetic Resonance, 2020, 51, 71-84.	0.6	4
112	Staggered Field in Quantum Antiferromagnetic S=1/2 Spin Chain Probed by High-Frequency EPR (the Tj ETQq 0 0 0 rgBT /Over	0.6	4
113	Anisotropy of the Hall Effect in the Paramagnetic Phase of Ho _{0.8} Lu _{0.2} B ₁₂ Cage Glass. JETP Letters, 2021, 113, 526-531.	0.4	4
114	The structure of the phase transformation wave in the discrete model of a non-equilibrium phase transition. Journal of Physics Condensed Matter, 1995, 7, 9173-9184.	0.7	3
115	Magneto-optical microwave spectroscopy of the coherent magnetic state in the mixed valence compound SmB ₆ in the frequency range 40-120 GHz. JETP Letters, 1996, 64, 760-766.	0.4	3
116	Late stages of phase separation in Al _{1-x} Si _x solid solutions. Physical Review B, 1996, 53, 11304-11306.	1.1	3
117	Onset of a nonoptimal hopping regime for ac conductivity in amorphous gallium antimonide. JETP Letters, 1997, 65, 342-348.	0.4	3
118	Quadrupole effects and electron-phonon interaction in the non-equilibrium superconductors Al _{1-x} Si _x . Journal of Physics Condensed Matter, 2000, 12, 9167-9178.	0.7	3
119	Hall effect in the Ce(Al _{1-x} Co _x) ₂ heavy-fermion system. Journal of Experimental and Theoretical Physics, 2007, 105, 108-111.	0.2	3
120	La _{1-x} Ce _x B ₆ (x=0.1): spin-polaron regime in dilute magnetic system. Journal of Physics: Conference Series, 2009, 150, 042187.	0.3	3
121	Seebeck effect near quantum MIT in Eu _{1-x} Ca _x B ₆ . Physica Status Solidi (B): Basic Research, 2013, 250, 618-620.	0.7	3
122	The Effect of Spin-Peierls Instability Suppression in Nanometer-Scale-Sized CuGeO ₃ Crystals. Applied Magnetic Resonance, 2016, 47, 881-893.	0.6	3
123	Magnetic Anisotropy of the Low-Temperature Specific Heat of Ho _{0.01} Lu _{0.99} B ₁₂ with Dynamic Charge Stripes. JETP Letters, 2018, 108, 454-459.	0.4	3
124	Heavy Fermion Metal CeB ₆ in SubTHz and THz Range: The Electron Spin Resonance and Neutron Scattering Studies. Applied Magnetic Resonance, 2021, 52, 459-472.	0.6	3
125	Enhancement of superconductivity in vicinity of lattice instability in Al _{1-x} Si _x . Ferroelectrics, 1996, 177, 17-25.	0.3	2
126	Chaotic dynamics of charge density wave in (BEDT-TTF) ₃ Cl ₂ H ₂ O. Ferroelectrics, 1996, 176, 329-334.	0.3	2

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127	A non-linear model of solid-state amorphization. Journal of Physics Condensed Matter, 1997, 9, 9199-9207.	0.7	2
128	Galvanomagnetic properties of the Al _{1-x} Six nonequilibrium substitutional solid solutions. Physics of the Solid State, 1999, 41, 1-7.	0.2	2
129	Anomalous critical behavior of NaV ₂ O ₅ . Physics of the Solid State, 2001, 43, 320-324.	0.2	2
130	Magnetism of C ₆₀ -based molecular complexes: High-field-magnetization and magneto-optical study. Physics of the Solid State, 2002, 44, 441-443.	0.2	2
131	Microwave magnetoabsorption in the CeAl ₂ magnetic Kondo lattice at low temperatures. Physics of the Solid State, 2003, 45, 1096-1101.	0.2	2
132	New polarization effect and collective excitation in S = 1/2 quasi-one-dimensional antiferromagnetic quantum spin chain. JETP Letters, 2006, 84, 249-253.	0.4	2
133	New Magneto-Optical Effect in Co-Doped CuGeO ₃ . Applied Magnetic Resonance, 2008, 33, 3-9.	0.6	2
134	Clustering in Amorphous Carbon Films Probed by the Charge Transport and Structural Studies. Fullerenes Nanotubes and Carbon Nanostructures, 2008, 16, 430-434.	1.0	2
135	Hall effect and magnetic ordering in RB ₁₂ . Low Temperature Physics, 2009, 35, 565-567.	0.2	2
136	Bulk and local susceptibility of RB ₁₂ (R = Ho, Er, Tm). Journal of Physics: Conference Series, 2009, 150, 042011.	0.3	2
137	Low temperature magnetotransport in RB ₆ (R = Pr, Nd). Journal of Physics: Conference Series, 2009, 150, 042005.	0.3	2
138	Enhancement of the colossal magnetoresistance in Eu _{1-x} Ca _x B ₆ . Journal of Experimental and Theoretical Physics, 2010, 111, 246-250.	0.2	2
139	Anomalous Magnetism and Quantum Critical Phenomena in VO _x Multi-Walled Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2010, 19, 27-33.	1.0	2
140	Features of the formation of magnetic moments of Tm ³⁺ and Yb ³⁺ rare-earth ions in LuB ₁₂ cage glass. JETP Letters, 2014, 100, 470-476.	0.4	2
141	A novel method of ESR oscillating magnetization value determination in strongly correlated metals. EPJ Web of Conferences, 2018, 185, 02003.	0.1	2
142	Magnetic Phase Transitions and the Anisotropy of Charge Carrier Scattering in Antiferromagnetic Metal Ho _{0.5} Lu _{0.5} B ₁₂ with Dynamic Charge Stripes. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 853-856.	0.1	2
143	Electron Paramagnetic Resonance in Ho _x Lu _{1-x} B ₁₂ Dodecaborides. JETP Letters, 2019, 110, 266-272.	0.4	2
144	Magnetic Properties of Eu _{0.9} Yb _{0.1} B ₆ . Physics of the Solid State, 2019, 61, 565-570.	0.2	2

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145	Evolution of thermoelectric properties in $\text{Eu}_x\text{Yb}_{1-x}\text{B}_6$ family. Journal of Physics Condensed Matter, 2020, 32, 465601.	0.7	2
146	Hall Effect in the Antiferromagnetic State of $\text{Ho}_{0.8}\text{Lu}_{0.2}\text{B}_{12}$. JETP Letters, 2022, 115, 130-135.	0.4	2
147	The anomalous temperature dependence of the quantum oscillation amplitude in organic conductors $(\text{ET})_2\text{XHg}(\text{SCN})_4$ ($X = \text{K}, \text{Tl}$). Europhysics Letters, 1998, 42, 455-460.	0.7	1
148	The spin-Peierls compound $\text{MEM}(\text{TCNQ})_2$: Evidence for the non-universality of the magnetic phase diagram. Europhysics Letters, 2001, 53, 667-672.	0.7	1
149	Hopping conductivity in carbynes. Magnetoresistance and Hall effect. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 29-32.	0.8	1
150	Thermopower of RB_{12} dodecaborides ($R = \text{Ho}, \text{Er}, \text{Tm}, \text{Lu}$). Journal of Experimental and Theoretical Physics, 2007, 105, 55-57.	0.2	1
151	Polarization Effect in ESR of Co Doped CuGeO_3 . Journal of Superconductivity and Novel Magnetism, 2007, 20, 109-112.	0.8	1
152	Hopping Conductivity Spectroscopy of Carbon Nanocluster Materials. Fullerenes Nanotubes and Carbon Nanostructures, 2008, 16, 445-453.	1.0	1
153	Anomalous magnetism and charge transport in dielectric $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x \approx 0.22$). Journal of Applied Physics, 2009, 105, 07D717.	1.1	1
154	Magnetoresistance and magnetic phase transitions in a Pr_{11}B_6 antiferromagnet. JETP Letters, 2009, 90, 152-155.	0.4	1
155	A giant enhancement of CMR in $\text{Eu}_{0.6}\text{Ca}_{0.4}\text{B}_6$. Journal of Physics: Conference Series, 2010, 200, 012048.	0.3	1
156	Magnetic anisotropy in the AFM and SDW phases of CeB_6 . Journal of Physics: Conference Series, 2010, 200, 012189.	0.3	1
157	Anomalous magnetic properties of VO_x multiwall nanotubes. Journal of Physics: Conference Series, 2010, 200, 072024.	0.3	1
158	Quantum percolation transition in $\text{Eu}_{1-x}\text{Ca}_x\text{B}_6$. Physica Status Solidi (B): Basic Research, 2010, 247, 650-652.	0.7	1
159	Tuning of exchange by band filling in low-carrier-density magnet $\text{Eu}(\text{Gd})\text{B}_6$. Physica Status Solidi (B): Basic Research, 2017, 254, 1600571.	0.7	1
160	Anomalous Hall Effect in Frustrated Magnets. Physics of the Solid State, 2019, 61, 1622-1626.	0.2	1
161	Properties of antiferromagnetic resonance in GdB_6 . Journal of Physics: Conference Series, 2019, 1389, 012135.	0.3	1
162	Surface Conductivity of the Ytterbium-Doped Topological Kondo-Insulator SmB_6 . Doklady Physics, 2020, 65, 233-237.	0.2	1

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163	Anomalous electrodynamic response in the mixed-valence superconductor CeRu ₂ . JETP Letters, 1999, 69, 798-803.	0.4	0
164	Dielectric properties of C ₆₀ molecular complexes. Physics of the Solid State, 2000, 42, 586-588.	0.2	0
165	Cyclotron resonance and the de Haas-van Alfvén effect in the (BEDT-TTF) ₈ Hg ₄ Cl ₁₂ (C ₆ H ₅ Cl) ₂ organic conductor. Physics of the Solid State, 2002, 44, 210-215.	0.2	0
166	Topological and Quantum Effects in Electron Transport in the Metal-carbon Nanocluster Material. Fullerenes Nanotubes and Carbon Nanostructures, 2008, 16, 670-674.	1.0	0
167	Pre-exponential factor of the hopping conductivity in disordered carbon films. Bulletin of the Lebedev Physics Institute, 2010, 37, 347-351.	0.1	0
168	Transport Properties of VO _x Multi-Walled Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2010, 19, 34-38.	1.0	0
169	Publisher's Note: "Anomalies of magnetoresistance in Ce-based heavy fermion compounds" [Low Temp. Phys. 41, 1011 (2015)]. Low Temperature Physics, 2016, 42, 161-161.	0.2	0
170	Comment on the article "Electronic Raman scattering and renormalization of the electron spectrum in LuB ₁₂ " by Yu.S. Ponosov, S.V. Streltsov, A.V. Levchenko, and V.B. Filippov. Journal of Experimental and Theoretical Physics, 2017, 124, 159-161.	0.2	0
171	Influence of the Fermi Surface Shape on Magnetoresistance Anisotropy in ZrB ₁₂ . Doklady Physics, 2022, 67, 11-14.	0.2	0