

Sergey Demishev

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

174
papers

1,320
citations

18
h-index

26
g-index

175
ext. papers

1,445
ext. citations

1.5
avg, IF

3.82
L-index

#	Paper	IF	Citations
174	Influence of the Fermi Surface Shape on Magnetoresistance Anisotropy in ZrB12. <i>Doklady Physics</i> , 2022 , 67, 11-14	0.8	0
173	Hall Effect in the Antiferromagnetic State of Ho0.8Lu0.2B12. <i>JETP Letters</i> , 2022 , 115, 130-135	1.2	0
172	Evidence of symmetry lowering in antiferromagnetic metal TmB with dynamic charge stripes. <i>Journal of Physics Condensed Matter</i> , 2021 , 34,	1.8	1
171	Anisotropy of the Hall Effect in the Paramagnetic Phase of Ho0.8Lu0.2B12 Cage Glass. <i>JETP Letters</i> , 2021 , 113, 526-531	1.2	1
170	Heavy Fermion Metal CeB6 in SubTHz and THz Range: The Electron Spin Resonance and Neutron Scattering Studies. <i>Applied Magnetic Resonance</i> , 2021 , 52, 459-472	0.8	0
169	Staggered Field in Quantum Antiferromagnetic S = 1/2 Spin Chain Probed by High-Frequency EPR (the Case of Doped CuGeO3). <i>Applied Magnetic Resonance</i> , 2021 , 52, 379-410	0.8	0
168	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	0.8	0
167	Electron Spin Resonance in Strongly Correlated Metals. <i>Applied Magnetic Resonance</i> , 2020 , 51, 473-522	0.8	5
166	Breaking of Cubic Symmetry in Rare-Earth Dodecaborides with Dynamic Charge Stripes. <i>JETP Letters</i> , 2020 , 112, 413-419	1.2	6
165	Surface Conductivity of the Ytterbium-Doped Topological Kondo-Insulator SmB6. <i>Doklady Physics</i> , 2020 , 65, 233-237	0.8	1
164	Evolution of thermoelectric properties in EuYbB family. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 465601	1.8	0
163	Spin Fluctuations at the Surface of Strongly Correlated Topological Insulator SmB6. <i>Applied Magnetic Resonance</i> , 2020 , 51, 71-84	0.8	2
162	Role of spin-glass behavior in the formation of exotic magnetic states in GdB. <i>Scientific Reports</i> , 2020 , 10, 18214	4.9	1
161	Anomalous Hall Effect in Frustrated Magnets. <i>Physics of the Solid State</i> , 2019 , 61, 1622-1626	0.8	1
160	Maltese cross anisotropy in Ho0.8Lu0.2B12 antiferromagnetic metal with dynamic charge stripes. <i>Physical Review B</i> , 2019 , 99,	3.3	12
159	Magnetic Properties of Eu0.9Yb0.1B6. <i>Physics of the Solid State</i> , 2019 , 61, 565-570	0.8	1
158	Magnetic Properties of the Topological Kondo Insulator SmB6: Localized Magnetic Moments and Pauli Paramagnetism. <i>JETP Letters</i> , 2019 , 109, 150-156	1.2	4

139	Suppression of superconductivity in $\text{LuZr}_2\text{B}_{12}$: Evidence of static magnetic moments induced by nonmagnetic impurities. <i>Physical Review B</i> , 2016 , 93,	3.3	12
138	Magnetization of $\text{Mn}_{1-x}\text{Fe}_x\text{Si}$ in high magnetic fields up to 50 T: Possible evidence of a field-induced Griffiths phase. <i>JETP Letters</i> , 2016 , 104, 116-123	1.2	6
137	Quantum phase transitions in spiral magnets without an inversion center. <i>Physics-Uspexhi</i> , 2016 , 59, 559-583		2
136	Bulk and surface electron transport in topological insulator candidate YbB_6 . <i>Physica Status Solidi - Rapid Research Letters</i> , 2016 , 10, 320-323	2.5	2
135	Isosbestic Point and Magnetoresistance Components in $\text{Ho}_{0.5}\text{Lu}_{0.5}\text{B}_{12}$. <i>Journal of Low Temperature Physics</i> , 2016 , 185, 522-530	1.3	5
134	Macroscopic evidence for Abrikosov-type magnetic vortexes in MnSi A-phase. <i>Scientific Reports</i> , 2016 , 6, 22101	4.9	17
133	Magnetic resonance anisotropy in CeB_6 : an entangled state of the art. <i>Scientific Reports</i> , 2016 , 6, 39196	4.9	9
132	Publisher's Note: Anomalies of magnetoresistance in Ce-based heavy fermion compounds [Low Temp. Phys. 41, 1011 (2015)]. <i>Low Temperature Physics</i> , 2016 , 42, 161-161	0.7	
131	Effect of a magnetic field on the intermediate phase in $\text{Mn}_{1-x}\text{Fe}_x\text{Si}$: Spin-liquid versus fluctuations scenario. <i>JETP Letters</i> , 2016 , 103, 321-327	1.2	8
130	The Effect of Spin-Peierls Instability Suppression in Nanometer-Scale-Sized CuGeO_3 Crystals. <i>Applied Magnetic Resonance</i> , 2016 , 47, 881-893	0.8	3
129	Raman scattering in ZrB_{12} cage glass. <i>JETP Letters</i> , 2016 , 103, 674-679	1.2	6
128	Anomalous Hall effect in MnSi : Intrinsic to extrinsic crossover. <i>JETP Letters</i> , 2015 , 101, 459-464	1.2	7
127	Nature of heavy-fermion states arising in the vicinity of an isolated cerium or holmium magnetic impurity in LaB_6 . <i>JETP Letters</i> , 2015 , 101, 36-40	1.2	6
126	Anomalous magnetic properties of the paramagnetic phase and spin polarons in manganese monosilicide. <i>Low Temperature Physics</i> , 2015 , 41, 971-978	0.7	4
125	Anomalies of magnetoresistance in Ce-based heavy fermion compounds. <i>Low Temperature Physics</i> , 2015 , 41, 1011-1023	0.7	1
124	Charge transport in $\text{Ho}_x\text{Lu}_{1-x}\text{B}_{12}$: Separating positive and negative magnetoresistance in metals with magnetic ions. <i>Physical Review B</i> , 2015 , 91,	3.3	14
123	Scrutinizing Hall Effect in $\text{Mn}_{1-x}\text{Fe}_x\text{Si}$: Fermi Surface Evolution and Hidden Quantum Criticality. <i>Physical Review Letters</i> , 2015 , 115, 256601	7.4	17
122	Quantum bicriticality in $\text{Mn}_{1-x}\text{Fe}_x\text{Si}$ solid solutions: Exchange and percolation effects. <i>JETP Letters</i> , 2014 , 98, 829-833	1.2	16

121	Features of the formation of magnetic moments of Tm ³⁺ and Yb ³⁺ rare-earth ions in LuB ₁₂ cage glass. <i>JETP Letters</i> , 2014 , 100, 470-476	1.2	2
120	Anomalous spin relaxation and quantum criticality in Mn _{1-x} Fe _x Si solid solutions. <i>JETP Letters</i> , 2014 , 100, 28-31	1.2	13
119	Comment to Features of the local structure of rare-earth dodecaborides RB ₁₂ (R = Ho, Er, Tm, Yb, Lu) (<i>JETP Lett.</i> 98, 165 (2013)). <i>JETP Letters</i> , 2014 , 98, 578-580	1.2	4
118	Specific heat of Ce _x La _{1-x} B ₆ in the low cerium concentration limit ($x \ll 0.03$). <i>Journal of Experimental and Theoretical Physics</i> , 2013 , 116, 760-765	1	20
117	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	1	4
116	Specific features of magnetoresistance during the antiferromagnet-paramagnet transition in Tm _{1-x} Yb _x B ₁₂ . <i>Journal of Experimental and Theoretical Physics</i> , 2013 , 116, 866-871	1	4
115	Seebeck effect near quantum MIT in Eu _{1-x} CaxB ₆ . <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 618-620	1.3	3
114	Hall and transverse even effects in the vicinity of a quantum critical point in Tm _{1-x} Yb _x B ₁₂ . <i>Journal of Experimental and Theoretical Physics</i> , 2012 , 115, 509-526	1	16
113	Magnetoresistance of PrB ₆ and GdB ₆ . <i>Journal of Physics: Conference Series</i> , 2012 , 400, 032003	0.3	4
112	Magnetic phase diagram of MnSi in the high-field region. <i>Physical Review B</i> , 2012 , 85,	3.3	34
111	Magnetic properties of vanadium oxide nanotubes and nanolayers. <i>Physical Review B</i> , 2011 , 84,	3.3	17
110	Is MnSi an itinerant-electron magnet? Results of ESR experiments. <i>JETP Letters</i> , 2011 , 93, 213-218	1.2	20
109	¹⁰ B/ ¹¹ B isotope substitution and superconductivity in ZrB ₁₂ . <i>JETP Letters</i> , 2011 , 94, 642-646	1.2	6
108	Effects of disorder and isotopic substitution in the specific heat and Raman scattering in LuB ₁₂ . <i>Journal of Experimental and Theoretical Physics</i> , 2011 , 113, 468-482	1	54
107	Spin excitations of the correlated semiconductor FeSi probed by THz radiation. <i>Physical Review B</i> , 2011 , 84,	3.3	8
106	FM-AFM crossover in vanadium oxide nanomaterials. <i>JETP Letters</i> , 2010 , 91, 11-15	1.2	4
105	Anomalies of the specific heat near the quantum critical point in Tm _{0.74} Yb _{0.26} B ₁₂ . <i>JETP Letters</i> , 2010 , 91, 75-78	1.2	4
104	Anomalous Magnetism and Quantum Critical Phenomena in VO _x Multi-Walled Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2010 , 19, 27-33	1.8	2

103	Transport Properties of VO _x Multi-Walled Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2010 , 19, 34-38		1.8	
102	A giant enhancement of CMR in Eu _{0.6} Ca _{0.4} B ₆ . <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012048	0.3		1
101	Magnetic anisotropy in the AFM and SDW phases of CeB ₆ . <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012189	0.3		1
100	Anomalous magnetic properties of VO _x multiwall nanotubes. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 072024	0.3		1
99	Enhancement of the colossal magnetoresistance in Eu _{1-x} Ca _x B ₆ . <i>Journal of Experimental and Theoretical Physics</i> , 2010 , 111, 246-250	1		2
98	Isotope effect in charge transport of LuB ₁₂ . <i>Journal of Experimental and Theoretical Physics</i> , 2010 , 111, 279-284	1		16
97	Pre-exponential factor of the hopping conductivity in disordered carbon films. <i>Bulletin of the Lebedev Physics Institute</i> , 2010 , 37, 347-351	0.5		
96	Magnetic susceptibility of an antiferromagnetic system with disorder-driven quantum critical behavior. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 676-678	1.3		4
95	Quantum percolation transition in Eu _{1-x} Ca _x B ₆ . <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 650-652	3		1
94	Magnetic spin resonance in CeB ₆ . <i>Physical Review B</i> , 2009 , 80,	3.3		35
93	Electron spin resonance in EuB ₆ . <i>Physical Review B</i> , 2009 , 79,	3.3		18
92	La _{1-x} Ce _x B ₆ (x=0.1): spin-polaron regime in dilute magnetic system. <i>Journal of Physics: Conference Series</i> , 2009 , 150, 042187	0.3		3
91	Anomalous magnetism and charge transport in dielectric La _{1-x} Ce _x MnO ₃ (x=MIT~0.22). <i>Journal of Applied Physics</i> , 2009 , 105, 07D717	2.5		1
90	High-frequency study of the orbital ordering resonance in the strongly correlated heavy fermion metal CeB ₆ . <i>Applied Magnetic Resonance</i> , 2009 , 35, 319-326	0.8		10
89	ESR probing of quantum critical phenomena in doped S = 1/2 AF quantum spin chain. <i>Applied Magnetic Resonance</i> , 2009 , 35, 327-335	0.8		5
88	Antiferromagnetic instability and the metal-insulator transition in Tm _{1-x} Yb _x B ₁₂ rare earth dodecaborides. <i>JETP Letters</i> , 2009 , 89, 256-259	1.2		15
87	Magnetoresistance and magnetic phase transitions in a Pr ₁₁ B ₆ antiferromagnet. <i>JETP Letters</i> , 2009 , 90, 152-155	1.2		1
86	Anomalies of magnetoresistance of compounds with atomic clusters RB ₁₂ (R = Ho, Er, Tm, Lu). <i>Journal of Experimental and Theoretical Physics</i> , 2009 , 108, 668-687	1		19

85	Magnetoresistance and magnetic ordering in praseodymium and neodymium hexaborides. <i>Journal of Experimental and Theoretical Physics</i> , 2009 , 109, 815-832	1	7
84	Modeling of magnetic susceptibility of an antiferromagnetic system with disorder-driven quantum critical behavior. <i>Physics of the Solid State</i> , 2009 , 51, 547-551	0.8	4
83	Hall effect and magnetic ordering in RB12. <i>Low Temperature Physics</i> , 2009 , 35, 565-567	0.7	1
82	Bulk and local susceptibility of RB12(R [Ho, Er, Tm]). <i>Journal of Physics: Conference Series</i> , 2009 , 150, 042011	0.3	2
81	Hall-effect anomalies near the quantum critical point in CeCu6-xAux. <i>Low Temperature Physics</i> , 2009 , 35, 544-555	0.7	6
80	Low temperature magnetotransport in RB6(R = Pr, Nd). <i>Journal of Physics: Conference Series</i> , 2009 , 150, 042005	0.3	2
79	Anomalous hall effect in HoB12. <i>JETP Letters</i> , 2008 , 86, 604-607	1.2	7
78	Magnetization anisotropy in the AFM and SDW phases of CeB6. <i>JETP Letters</i> , 2008 , 88, 318-321	1.2	4
77	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> , 2008 , 88, 777-778	1.2	3
76	Topological and Quantum Effects in Electron Transport in the Metal-carbon Nanocluster Material. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008 , 16, 670-674	1.8	
75	Clustering in Amorphous Carbon Films Probed by the Charge Transport and Structural Studies. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008 , 16, 430-434	1.8	1
74	Hopping Conductivity Spectroscopy of Carbon Nanocluster Materials. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008 , 16, 445-453	1.8	1
73	New Magneto-Optical Effect in Co-Doped CuGeO3. <i>Applied Magnetic Resonance</i> , 2008 , 33, 3-9	0.8	1
72	Electron spin resonance and quantum critical phenomena in VOx multiwall nanotubes. <i>Physica Status Solidi - Rapid Research Letters</i> , 2008 , 2, 221-223	2.5	8
71	Scaling of magnetoresistance of carbon nanomaterials in Mott-type hopping conductivity region. <i>Physics of the Solid State</i> , 2008 , 50, 1386-1391	0.8	4
70	Enhancement of band magnetism and features of the magnetically ordered state in the CeB6 compound with strong electron correlations. <i>Journal of Experimental and Theoretical Physics</i> , 2007 , 104, 120-138	1	36
69	Thermopower of RB12 dodecaborides (R = Ho, Er, Tm, Lu). <i>Journal of Experimental and Theoretical Physics</i> , 2007 , 105, 55-57	1	1
68	Anomalous thermopower in heavy-fermion compounds CeB6, CeAl3, and CeCu6 [x Au x]. <i>Journal of Experimental and Theoretical Physics</i> , 2007 , 105, 58-61	1	8

67	Hall effect in the $Ce(Al_{1-x}Co_x)_2$ heavy-fermion system. <i>Journal of Experimental and Theoretical Physics</i> , 2007 , 105, 108-111	1	3
66	Magnetic and transport properties of colossal magnetoresistance compound EuB_6 . <i>Journal of Experimental and Theoretical Physics</i> , 2007 , 105, 132-134	1	9
65	Anomalous polarization characteristics of magnetic resonance in a quasi-one-dimensional $CuGeO_3$:Co magnet. <i>Physics of the Solid State</i> , 2007 , 49, 1295-1304	0.8	8
64	Hopping conduction and magnetoresistance of C ₂ N -based nanomaterials synthesized under high pressure. <i>Physics of the Solid State</i> , 2007 , 49, 1403-1409	0.8	4
63	Quantum Criticality and Collective Effects in Low-Dimensional Magnet $CuGeO_3$:Fe Probed by High Frequency EPR. <i>Journal of Superconductivity and Novel Magnetism</i> , 2007 , 20, 105-108	1.5	4
62	Polarization Effect in ESR of Co Doped $CuGeO_3$. <i>Journal of Superconductivity and Novel Magnetism</i> , 2007 , 20, 109-112	1.5	1
61	Antiferro-quadrupole resonance in CeB_6 . <i>Physica B: Condensed Matter</i> , 2006 , 378-380, 602-603	2.8	7
60	Magnetic resonance in cerium hexaboride caused by quadrupolar ordering. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 300, e534-e537	2.8	12
59	New polarization effect and collective excitation in $S = 1/2$ quasi-one-dimensional antiferromagnetic quantum spin chain. <i>JETP Letters</i> , 2006 , 84, 249-253	1.2	1
58	Magnetoresistance of carbon nanomaterials. <i>Physics of the Solid State</i> , 2006 , 48, 1363-1372	0.8	7
57	Disorder-driven quantum critical behaviour in $CuGeO_3$ doped with magnetic impurity. <i>Physica B: Condensed Matter</i> , 2005 , 359-361, 1315-1317	2.8	4
56	Experimental evidence for magnetic resonance in the antiferro-quadrupole phase. <i>Physica Status Solidi (B): Basic Research</i> , 2005 , 242, R27-R29	1.3	20
55	The Competition between Staggered Field and Antiferromagnetic Interactions in $CuGeO_3$:Fe. <i>Progress of Theoretical Physics Supplement</i> , 2005 , 159, 387-391		4
54	Genesis of the anomalous Hall effect in $CeAl_2$. <i>Journal of Experimental and Theoretical Physics</i> , 2004 , 98, 793-810	1	29
53	Spin-polaron transport and magnetic phase diagram of iron monosilicide. <i>Journal of Experimental and Theoretical Physics</i> , 2004 , 99, 394-414	1	14
52	Microwave EPR spectroscopy of cobalt-doped germanium cuprate. <i>Physics of the Solid State</i> , 2004 , 46, 2238-2248	0.8	11
51	Hopping conductivity in carbynes. Magnetoresistance and Hall effect. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004 , 1, 29-32		1
50	Anomalous temperature dependence of the ESR linewidth in $CuGeO_3$ doped with magnetic impurities and the universal relations in the Oshikawa-Affleck theory. <i>Europhysics Letters</i> , 2003 , 63, 446-452	1.6	16

49	Magnetic properties of the fullerene organic compounds in strong magnetic fields. <i>Polyhedron</i> , 2003 , 22, 2009-2012	2.7	2
48	Microwave magnetoabsorption in the CeAl ₂ magnetic Kondo lattice at low temperatures. <i>Physics of the Solid State</i> , 2003 , 45, 1096-1101	0.8	1
47	Electron transport in carbynes modified under high pressure. <i>JETP Letters</i> , 2003 , 78, 511-519	1.2	11
46	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. <i>Physics of the Solid State</i> , 2002 , 44, 210-215	0.8	
45	Magnetism of C ₆₀ -based molecular complexes: High-field-magnetization and magneto-optical study. <i>Physics of the Solid State</i> , 2002 , 44, 441-443	0.8	2
44	A new nanocluster carbyne-based material synthesized under high pressure. <i>Physics of the Solid State</i> , 2002 , 44, 607-611	0.8	3
43	Hopping conductivity of carbynes modified under high pressures and temperatures: Galvanomagnetic and thermoelectric properties. <i>Journal of Experimental and Theoretical Physics</i> , 2002 , 95, 123-131	1	6
42	Low-Temperature anomalies of the Hall coefficient for a magnetic Kondo lattice of CeAl ₂ . <i>JETP Letters</i> , 2002 , 76, 26-29	1.2	6
41	Interplay between the structure and properties of new metastable carbon phases obtained under high pressures from fullerite C ₆₀ and carbyne. <i>JETP Letters</i> , 2002 , 76, 681-692	1.2	27
40	Crossover in magnetic properties of FeSi. <i>Physical Review B</i> , 2002 , 65,	3.3	32
39	The spin-Peierls compound MEM(TCNQ) ₂ : Evidence for the non-universality of the magnetic phase diagram. <i>Europhysics Letters</i> , 2001 , 53, 667-672	1.6	1
38	Magnetic properties of the fullerene-based molecular complexes in strong magnetic field. <i>Physica B: Condensed Matter</i> , 2001 , 294-295, 324-327	2.8	4
37	Anomalous critical behavior of NaV ₂ O ₅ . <i>Physics of the Solid State</i> , 2001 , 43, 320-324	0.8	
36	Ground state formation in a strong Hubbard correlation regime in iron monosilicide. <i>Journal of Experimental and Theoretical Physics</i> , 2001 , 92, 312-325	1	11
35	New scenario for the decay of spin-Peierls state in CuGeO ₃ : Fe. Onset of a quantum critical point. <i>JETP Letters</i> , 2001 , 73, 31-34	1.2	18
34	Low-temperature transport anisotropy and many-body effects in SmB ₆ . <i>Physical Review B</i> , 2001 , 64,	3.3	27
33	DC and AC Hopping Transport in Bulk Amorphous Gallium Antimonide. <i>Physica Status Solidi (B): Basic Research</i> , 2000 , 218, 67-70	1.3	4
32	Dielectric properties of C ₆₀ molecular complexes. <i>Physics of the Solid State</i> , 2000 , 42, 586-588	0.8	

31	1D-3D crossover in hopping conduction of carbynes. <i>JETP Letters</i> , 2000 , 72, 381-384	1.2	5
30	Quadrupole effects and electron-phonon interaction in the non-equilibrium superconductors Al _{1-x} Si _x . <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 9167-9178	1.8	2
29	Intragap states in SmB ₆ . <i>Physical Review B</i> , 2000 , 61, 9906-9909	3.3	57
28	Thermopower in the regime of strong Hubbard correlations in FeSi. <i>Europhysics Letters</i> , 2000 , 51, 557-563	3.6	24
27	Decay kinetics of nonequilibrium Al-Si solid solutions. <i>Physical Review B</i> , 2000 , 61, 6019-6027	3.3	6
26	Galvanomagnetic properties of the Al _{1-x} Si _x nonequilibrium substitutional solid solutions. <i>Physics of the Solid State</i> , 1999 , 41, 1-7	0.8	2
25	Nature of the low-temperature anomalies in the physical properties of the intermediate-valent compound SmB ₆ . <i>Journal of Experimental and Theoretical Physics</i> , 1999 , 88, 533-537	1	25
24	Anomalous magnetic properties of the complex (ET) ₂ C ₆₀ . <i>JETP Letters</i> , 1999 , 69, 785-791	1.2	4
23	Anomalous electrodynamic response in the mixed-valence superconductor CeRu ₂ . <i>JETP Letters</i> , 1999 , 69, 798-803	1.2	
22	Thermopower in quasi-two-dimensional (BEDT-TTF) _m X _n organic conductors. <i>Journal of Experimental and Theoretical Physics</i> , 1998 , 86, 182-189	1	5
21	Thermopower of Al _{1-x} Si _x solid solutions in vicinity of lattice instability. <i>Journal of Experimental and Theoretical Physics</i> , 1998 , 86, 190-196	1	13
20	Thermopower in the hopping conductivity region: Transition from Mott's to Zvyagin's formula. <i>JETP Letters</i> , 1998 , 68, 842-847	1.2	5
19	Low-temperature anomalies of the Hall coefficient in FeSi. <i>JETP Letters</i> , 1998 , 68, 817-822	1.2	8
18	The anomalous temperature dependence of the quantum oscillation amplitude in organic conductors (ET) ₂ XHg(SCN) ₄ (X = K, Tl). <i>Europhysics Letters</i> , 1998 , 42, 455-460	1.6	1
17	Magnetic phase diagram of the spin-Peierls compound CuGeO ₃ doped with Al and Sn. <i>Physical Review B</i> , 1998 , 58, 6321-6329	3.3	10
16	A non-linear model of solid-state amorphization. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 9199-9207	1.8	2
15	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	3.3	5
14	Cyclotron resonance in the organic conductor (BEDO-TTF) ₂ ReO ₄ (H ₂ O) in the millimeter wavelength band. <i>Journal of Experimental and Theoretical Physics</i> , 1997 , 84, 540-544	1	10

13	ESR millimeter-band spectroscopy of magnetic ordering in the low-dimensional magnet CuGeO ₃ . <i>Journal of Experimental and Theoretical Physics</i> , 1997 , 85, 943-948	1	10
12	Onset of a nonoptimal hopping regime for ac conductivity in amorphous gallium antimonide. <i>JETP Letters</i> , 1997 , 65, 342-348	1.2	3
11	A study of the magnetoresistance of the charge-transfer salt at hydrostatic pressures of up to 20 kbar: evidence for a charge-density-wave ground state and the observation of pressure-induced superconductivity. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 6005-6017	1.8	31
10	Microwave absorption in the Kondo lattice of CeB ₆ in strong magnetic fields. <i>JETP Letters</i> , 1996 , 63, 453-458	1.2	5
9	Magneto-optical microwave spectroscopy of the coherent magnetic state in the mixed valence compound SmB ₆ in the frequency range 40–20 GHz. <i>JETP Letters</i> , 1996 , 64, 760-766	1.2	3
8	Resonant magnetoabsorption of millimeter-wave radiation in the quasi-two-dimensional organic metals α -(BEDT-TTF) ₂ MHg(SCN) ₄ (M=K,Tl). <i>Physical Review B</i> , 1996 , 53, 12794-12803	3.3	41
7	Late stages of phase separation in Al _{1-x} Si _x solid solutions. <i>Physical Review B</i> , 1996 , 53, 11304-11306	3.3	3
6	Enhancement of superconductivity in vicinity of lattice instability in Al _{1-x} Si _x . <i>Ferroelectrics</i> , 1996 , 177, 17-25	0.6	2
5	Chaotic dynamics of charge density wave in (BEDT-TTF) ₃ Cl ₂ ·2H ₂ O. <i>Ferroelectrics</i> , 1996 , 176, 329-334	0.6	2
4	Enhancement of electron-phonon interactions in the nonequilibrium solid solutions Al _{1-x} Si _x . <i>Physical Review B</i> , 1995 , 51, 1112-1116	3.3	15
3	The structure of the phase transformation wave in the discrete model of a non-equilibrium phase transition. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 9173-9184	1.8	3
2	The decomposition of supersaturated Al _{1-x} Si _x solid solutions. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 9079-9088	1.8	7
1	An enhanced superconductivity in the supersaturated Al-Si solid solutions. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 5933-5940	1.8	7