Pavel Alekseev

List of Publications by Year
in descending order

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144 papers	1,575 citations	331259 21 h-index	395343 33 g-index
145 all docs	145 docs citations	145 times ranked	805 citing authors

#	Article	IF	Citations
1	Interaction Driven Subgap Spin Exciton in the Kondo Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SmB</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2015, 114, 036401.	2.9	83
2	Magnetic excitation spectrum of mixed-valence SmB6studied by neutron scattering on a single crystal. Journal of Physics Condensed Matter, 1995, 7, 289-305.	0.7	82
3	Lattice Dynamics of Intermediate Valence Semiconductor SmB 6. Europhysics Letters, 1989, 10, 457-463.	0.7	75
4	Evidence for Short-Range Antiferromagnetic Fluctuations in Kondo-InsulatingYbB12. Physical Review Letters, 2005, 94, .	2.9	55
5	Polarized-Neutron Study of Spin Dynamics in the Kondo InsulatorYbB12. Physical Review Letters, 2007, 99, 137204.	2.9	52
6	Magnetic excitations in SmB6 single crystals. Physica B: Condensed Matter, 1993, 186-188, 384-386.	1.3	50
7	Inelastic neutron scattering study of the Kondo semiconductorYbB12. Physical Review B, 1999, 60, 13507-13514.	1.1	47
8	Investigation of the Crystal Field in PrNi5. Physica Status Solidi (B): Basic Research, 1980, 97, 87-94.	0.7	40
9	Neutron Scattering Study of the Intermediate-Valent Ground State in SmB ₆. Europhysics Letters, 1993, 23, 347-353.	0.7	39
10	Lattice dynamics in<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:mrow><mml:mn>12</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LuB</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>: ab initiocalculations and inelastic neutron scattering. Physical Review B, 2010, 82, .	1.1	39
11	Gap formation in CeNiSn at low temperatures. Physica B: Condensed Matter, 1990, 163, 358-360.	1.3	32
12	Ybâ€“Yb correlations and crystal-field effects in the Kondo insulator YbB12and its solid solutions. Journal of Physics Condensed Matter, 2004, 16, 2631-2646.	0.7	31
13	Screened moments and extrinsic in-gap states in samarium hexaboride. Nature Communications, 2018, 9, 1539.	5.8	31
14	Magnetic spectral response and lattice properties in mixed-valenceSm1â^'xYxSsolid solutions studied with x-ray diffraction, x-ray absorption spectroscopy, and inelastic neutron scattering. Physical Review B, 2006, 74, .	1.1	26
15	Europium mixed-valence, long-range magnetic order, and dynamic magnetic response in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 94, .	1.1	26
16	Low-energy magnetic response and Yb valence in the Kondo insulatorYbB12. Physical Review B, 2001, 63, .	1.1	24
17	Lattice dynamics in the Kondo insulator YbB12. Journal of Solid State Chemistry, 2006, 179, 2895-2899.	1.4	24
18	Evolution of Ce dynamic magnetic response in Ce 1 â^' x La x Ni compounds. Europhysics Letters, 1996, 33, 141-146.	0.7	23

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19	Dynamic magnetic response in intermediate-valence CeNi. Physical Review B, 2000, 61, 6189-6195.	1.1	23
20	Neutron scattering studies of mixed-valence semiconductors. Physica B: Condensed Matter, 1995, 215, 99-109.	1.3	22
21	Magnetic excitations in EuCu2(SixGe1â^'x)2: from mixed valence towards magnetism. Journal of Physics Condensed Matter, 2012, 24, 375601.	0.7	21
22	Anomalous lattice dynamics in intermediate-valence CeNi. Physical Review B, 1998, 57, R8099-R8102.	1.1	20
23	High borides: determining the features and details of lattice dynamics from neutron spectroscopy. Physics-Uspekhi, 2015, 58, 330-344.	0.8	20
24	Temperature effects in phonon dispersion of SmB6 intermediate valence semiconductor. Physica B: Condensed Matter, 1992, 180-181, 281-283.	1.3	19
25	Crystalline electric field effects in Pr(La, Y) Al₃. Physica Status Solidi (B): Basic Research, 1982, 114, 161-167.	0.7	18
26	Lattice and magnetic excitations in SmB6. Physica B: Condensed Matter, 1993, 186-188, 365-371.	1.3	18
27	Low-temperature effects in magnetic spectral response of CeAl3-based systems. Physica B: Condensed Matter, 1996, 217, 241-251.	1.3	18
28	Influence of the Mixed-Valences State on the Magnetic Excitation Spectrum of SmB6-Based Compounds. Journal of Solid State Chemistry, 1997, 133, 230-236.	1.4	17
29	Dispersive magnetic-resonance mode in the Kondo semiconductor CeFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Al<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>10</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	1.1	16
30	Local singlet bound state and magnetic excitations in mixed-valence SmB6. Physica B: Condensed Matter, 1994, 199-200, 430-432.	1.3	15
31	Collective magnetic excitations in mixed-valenceSm0.83Y0.17S. Physical Review B, 2002, 65, .	1.1	15
32	Experimental evidence of considerable stability increase in superconducting windings with extremely high specific heat substances. Cryogenics, 2004, 44, 763-766.	0.9	14
33	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, .	1.1	14
34	Crystal field splitting in NdAl₃ studied by inelastic neutron scattering. Physica Status Solidi (B): Basic Research, 1983, 119, 651-658.	0.7	13
35	Influence of intermediate valence and Kondo effect on crystal electric field: Neutron spectroscopy of CeNi5, CeCu5, CeAl3 compounds with paramagnetic and magnetoactive impurities. Journal of Magnetism and Magnetic Materials, 1988, 76-77, 423-425.	1.0	13
36	Imperfection of the Sm sublattice and valence instability in compounds based on SmB6. Journal of Experimental and Theoretical Physics, 1999, 88, 565-573.	0.2	13

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37	Influence of high heat capacity substances doping on quench currents of fast ramped superconducting oval windings. Cryogenics, 2006, 46, 252-255.	0.9	13
38	Neutron spectroscopy of Pr3+ impurity in the intermediate-valence compound CeNi5. Journal of Magnetism and Magnetic Materials, 1988, 75, 323-329.	1.0	12
39	Spin dynamics of the intermediate-valence compound EuCu2Si2. Journal of Experimental and Theoretical Physics, 2007, 105, 14-17.	0.2	12
40	Magnetic excitations in systems with a nonmagnetic ground state and valence fluctuations. Journal of Experimental and Theoretical Physics, 2010, 111, 285-291.	0.2	12
41	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></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2010, 81, .	1.1	12
42	Lattice dynamics in the itinerant helical magnet MnSi. Physical Review B, 2010, 82, .	1.1	11
43	Soft mode and magnetic phase transition in PrNi. JETP Letters, 2002, 76, 99-103.	0.4	10
44	The thermodynamic properties and special features of spectra of elementary excitations of unstable valence Sm-and Ce-based compounds. Journal of Experimental and Theoretical Physics, 2003, 96, 1113-1121.	0.2	10
45	Lattice dynamics and magneto-elastic coupling in Kondo-insulator YbB12. Journal of Physics: Conference Series, 2007, 92, 012074.	0.3	10
46	Coexistence of long range magnetic order and intervalent state of Eu in EuCu2(Si x Ge1 â˜' x)2: Evidence from neutron diffraction and spectroscopic studies. JETP Letters, 2014, 99, 164-168.	0.4	10
47	Experimental observation of phonons as spectators in FeSi electronic gap formation. Physical Review B, 2016, 93, .	1.1	10
48	Analysis of the crystal lattice instability for cageâ€“cluster systems using the superatom model. Journal of Experimental and Theoretical Physics, 2016, 123, 452-460.	0.2	10
49	Intermultiplet transitions and crystal field in mixed valence Sm3Te4. Physica B: Condensed Matter, 1997, 234-236, 883-885.	1.3	9
50	Neutron scattering studies of intermediate-valence compounds. Physica B: Condensed Matter, 2000, 281-282, 34-41.	1.3	9
51	Lattice anomalies in CeNi unstable valence compound. Applied Physics A: Materials Science and Processing, 2002, 74, s559-s561.	1.1	9
52	Resonant Mode in Rare-earth based Strongly Correlated Semiconductors. Physics Procedia, 2013, 42, 18-24.	1.2	9
53	Induced magnetic form factor of Sm in mixed-valence 154Sm11B6. Physica B: Condensed Matter, 1995, 206-207, 374-376.	1.3	8
54	Influence of unstable valence of cerium ions on the crystal field in ReNi compounds. Journal of Experimental and Theoretical Physics, 1998, 86, 943-952.	0.2	8

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55	Relationship between the local electronic and local crystal structures of intermediate-valence Sm1â^'x Y x S. JETP Letters, 2006, 84, 119-123.	0.4	8
56	Spin-gap magnetic response in (Yb, Lu)B12. Journal of Solid State Chemistry, 2006, 179, 2858-2861.	1.4	8
57	Specific features of the formation of the ground state in PrB6. Physics of the Solid State, 2010, 52, 914-916.	0.2	8
58	Phonons and the electronic gap in FeSi. Journal of Experimental and Theoretical Physics, 2014, 118, 242-252.	0.2	8
59	Inelastic Neutron Magnetic Scattering from Amorphous and Polycrystalline PrNi ₅. Europhysics Letters, 1991, 15, 29-35.	0.7	7
60	Anomalous phonon softening in intermediate-valence CeNi. Physica B: Condensed Matter, 1999, 259-261, 42-43.	1.3	7
61	Phonons in the Kondo insulator YbB12. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3093-3096.	0.8	7
62	Neutron scattering study of spin and lattice dynamics in. Physica B: Condensed Matter, 2006, 383, 16-19.	1.3	7
63	Spin dynamics in Yb- and Sm-based systems with the nonmagnetic ground state. Physics of the Solid State, 2010, 52, 936-940.	0.2	7
64	Interplay of low-energy phonons and magnetic excitations in the Kondo insulator Y bB12. Journal of Physics Condensed Matter, 2012, 24, 205601.	0.7	7
65	Pressure-induced electronic phase transition in compound EuCu₂Ge₂. Journal of Physics: Conference Series, 2016, 712, 012112.	0.3	7
66	Induced magnetism and â€œmagnetic holeâ€•in singlet ground state system PrNi. Journal of Magnetism and Magnetic Materials, 2019, 489, 165413.	1.0	7
67	Magnetic properties of amorphous PrNi5. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 861-862.	1.0	6
68	Spinâ€“orbit transitions in mixed-valence samarium compounds. Physica B: Condensed Matter, 1999, 259-261, 351-352.	1.3	6
69	Single ion anisotropy and soft-mode-driven magnetic ordering in PrNi. Physica B: Condensed Matter, 2004, 350, E83-E86.	1.3	6
70	Correlations between Ce unstable-valence ions in CeNi compound. Physica B: Condensed Matter, 2005, 359-361, 245-247.	1.3	6
71	Magnetic excitations near induced phase transition in PrNi. Physica B: Condensed Matter, 2006, 378-380, 1085-1086.	1.3	6
72	Vibrational spectra of the YbB12 Kondo insulator. Crystallography Reports, 2007, 52, 770-773.	0.1	6

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73	Neutron spectroscopy and strongly correlated electrons: a view from the inside. Physics-Uspekhi, 2017, 60, 58-90.	0.8	6
74	Intermediate-valence state of the Sm and Eu in SmB₆and EuCu₂Si₂: neutron spectroscopy data and analysis. Journal of Physics Condensed Matter, 2018, 30, 055801.	0.7	6
75	Crystal field in valence-fluctuating CeNi-based compounds. JETP Letters, 1996, 63, 1000-1006.	0.4	5
76	Crystal fields in the valence-unstable CeNi-based compounds. Physica B: Condensed Matter, 1997, 234-236, 864-866.	1.3	5
77	Neutron scattering study of the magnetic excitation spectra in mixed-valence154Sm3Te4. Journal of Physics Condensed Matter, 2000, 12, 2725-2736.	0.7	5
78	Soft-mode-driven magnetic ordering in the singlet ground-state system PrNi. Applied Physics A: Materials Science and Processing, 2002, 74, s589-s591.	1.1	5
79	f-Electron excitations in the neutron spectra of mixed-valence Sm1â^'xYxS. Physica B: Condensed Matter, 2002, 312-313, 333-335.	1.3	5
80	Influence of single-site and cooperative magnetic effects on phonons in CeNi-based compounds. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3174-3177.	0.8	5
81	Investigation of considerable stability increase of composite superconductors doped with extremely large heat capacity substances. Superconductor Science and Technology, 2007, 20, 71-76.	1.8	5
82	Inelastic neutron scattering study of the lattice dynamics of LaCoO3. Journal of Surface Investigation, 2011, 5, 1140-1143.	0.1	5
83	Magnetization of Crystalline and Amorphous Phases of R2Ti2O7 and R2Zr2O7 (R = Gd, Dy, Tb). Journal of Superconductivity and Novel Magnetism, 2020, 33, 2395-2404.	0.8	5
84	On the effects of the crystalline electric field in PrSn₃. Physica Status Solidi (B): Basic Research, 1978, 86, K59.	0.7	4
85	Structural Relaxation and Amorphous-To-Crystal Transition: Change of Local Atomic Topology Studied by Neutron Inelastic Magnetic Scattering. Europhysics Letters, 1992, 18, 505-510.	0.7	4
86	Magnetism in the CeCu5 Kondo system. Journal of Magnetism and Magnetic Materials, 1992, 110, 119-128.	1.0	4
87	Phonon anomalies in the intermediate-valence compound Ce0.9Pr0.1Ni5. Solid State Communications, 1995, 94, 329-334.	0.9	4
88	Magnetic excitation spectrum of Kondo-insulator YbB12. Physica B: Condensed Matter, 2000, 276-278, 770-771.	1.3	4
89	The special features of the ground state in CeAl3. JETP Letters, 2002, 76, 295-298.	0.4	4
90	Nature of the magnetic excitation spectrum in (Sm,Y)S: CEF effects or an exciton?. JETP Letters, 2004, 79, 81-84.	0.4	4

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91	Magnetic and lattice excitations in intermediate-valence EuCu2Si2. Physica B: Condensed Matter, 2008, 403, 864-865.	1.3	4
92	Peculiarities of FeSi phonon spectrum induced by a change of atomic volume. Journal of Experimental and Theoretical Physics, 2016, 123, 1073-1083.	0.2	4
93	First evidence for a Sm3+-type contribution to the magnetic form factor in the quasielastic spectral response of intermediate valence SmB6. JETP Letters, 2016, 103, 636-642.	0.4	4
94	Neutron scattering and X-ray diffraction study of the valence-unstable system Ce1â^'xLaxNiSn. Physica B: Condensed Matter, 1993, 186-188, 416-418.	1.3	3
95	Dispersion of crystal field excitations in Nd2CuO4 and Pr2CuO4. Physica B: Condensed Matter, 1997, 234-236, 717-718.	1.3	3
96	Low energy excitations in CeNiSn. Journal of Magnetism and Magnetic Materials, 1998, 190, 245-250.	1.0	3
97	Yb-Yb correlations and crystal field in the Kondo-insulator YbB 12. Applied Physics A: Materials Science and Processing, 2002, 74, s562-s564.	1.1	3
98	Role of Ceâ€“Ni interaction in CeNi ground state formation. Physica B: Condensed Matter, 2006, 378-380, 760-761.	1.3	3
99	Dynamics of boron nanoclusters in RB12 (R = Yb, Lu) systems. Crystallography Reports, 2006, 51, S139-S143.	0.1	3
100	Temperature evolution of Pr-ion magnetic response in PrB6. Journal of Alloys and Compounds, 2007, 442, 180-182.	2.8	3
101	Dynamical magnetic correlations in the YbB12 kondo insulator: Neutron investigations with a polarization analysis. Crystallography Reports, 2007, 52, 387-392.	0.1	3
102	Influence of an electron doping on spin dynamics of YbB12. Solid State Sciences, 2012, 14, 1584-1586.	1.5	3
103	Magnetism in quasibinary systems based on the valence-unstable compound CeNi. Journal of Surface Investigation, 2013, 7, 1163-1167.	0.1	3
104	Thermal evolution of magnetic-excitation spectrum of PrB6. Physics of Metals and Metallography, 2016, 117, 460-465.	0.3	3
105	Neutron Spectroscopy of the Atomic Dynamics of La2Zr2O7 at Fluoriteâ€“Pyrochlore Structural Transformations. JETP Letters, 2018, 108, 532-536.	0.4	3
106	Magnetic susceptibility of pyrochlores R2Ti2O7: Râ€¯=â€¯Gd, Dy, Tb. Journal of Magnetism and Magnetic Materials, 2020, 500, 166326.	1.0	3
107	Effect of Nd and Rh substitution on the spin dynamics of the Kondo-insulator CeFe2Al10. Physical Review B, 2020, 102, .	1.1	3
108	Magnetic excitation spectra and thermodynamics of amorphousPrNi5. Physical Review B, 1996, 54, 3884-3894.	1.1	2

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109	Magnetic excitations and variation of valence in SmB6-based systems. Physica B: Condensed Matter, 1997, 234-236, 880-882.	1.3	2
110	Simultaneous determination of the electronic and chemical structures in CeNixCu5-xat high pressures. Journal of Physics Condensed Matter, 2001, 13, 11511-11518.	0.7	2
111	Influence of the electron phase transition on the lattice dynamics of YbInCu4. Physica B: Condensed Matter, 2004, 350, E139-E141.	1.3	2
112	Considerable Stability Increase in Superconducting Windings Doped With Extremely High Specific Heat Substances. IEEE Transactions on Applied Superconductivity, 2005, 15, 1629-1632.	1.1	2
113	Paramagnons in the PrNi system with an induced magnetic moment. Crystallography Reports, 2006, 51, S85-S87.	0.1	2
114	Magnetic correlations in heavy fermion CeAl3 compound. Solid State Communications, 2007, 141, 474-479.	0.9	2
115	Low temperature features of the local structure of Sm1 â˜' x Y x S. Journal of Experimental and Theoretical Physics, 2007, 105, 99-104.	0.2	2
116	Lattice dynamics in the itinerant helical magnet MnSi. Journal of Physics: Conference Series, 2011, 273, 012129.	0.3	2
117	Crystal electric field effects in Pr0.5Sr0.5CoO3. Journal of Surface Investigation, 2012, 6, 553-558.	0.1	2
118	Alternative technology for the decomposition of carbonates: Ecology, energy saving, and integrated processing of conversion products. Theoretical Foundations of Chemical Engineering, 2014, 48, 532-537.	0.2	2
119	Accelerated electrons as an alternative to natural fuel in aluminum production technologies. Theoretical Foundations of Chemical Engineering, 2016, 50, 52-58.	0.2	2
120	Simple superatom model for lattice dynamics of dodecaborides RB12 (RÂ=ÂZr, Yb, Lu). Journal of Alloys and Compounds, 2017, 726, 323-329.	2.8	2
121	Dramatic impact of intermediate-valence impurity on induced magnetism in singlet ground state system PrNi. Journal of Magnetism and Magnetic Materials, 2020, 514, 167187.	1.0	2
122	Neutron Spectroscopy: Principles and Equipment. Crystallography Reports, 2022, 67, 18-35.	0.1	2
123	Inelastic magnetic neutron scattering study of amorphous to crystal transition for PrNi5. Physica B: Condensed Matter, 1992, 180-181, 167-169.	1.3	1
124	Magnetic excitations in single-crystal CeNi. Physica B: Condensed Matter, 2000, 276-278, 760-761.	1.3	1
125	New approach to the anomalies of thermodynamic properties of mixed valence compounds. Physica B: Condensed Matter, 2002, 312-313, 376-378.	1.3	1
126	Cooperative and local properties in the Kondo insulator YbB12. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 75-76.	1.0	1

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127	Stability Increase of<tex>$rm NbTi$</tex>Conductors With Additions of Extremely Large Specific Heat Substances. IEEE Transactions on Applied Superconductivity, 2006, 16, 1172-1175.	1.1	1
128	Microscopic nature of the extremely high specific heat of rare earth intermetallic compounds at low temperatures and the possibility of its application in technical superconductivity. Crystallography Reports, 2006, 51, S79-S84.	0.1	1
129	Neutron studies of crystal-field effects in PrB6. Journal of Experimental and Theoretical Physics, 2007, 105, 12-13.	0.2	1
130	Effect of defects in the rare-earth sublattice of the Kondo insulator YbB12 on its spectral characteristics and magnetic susceptibility. Journal of Experimental and Theoretical Physics, 2017, 124, 957-967.	0.2	1
131	Analysis of anomalous negative magnetic contribution to thermal expansion in Sm0.80B6 and pseudobinary compounds Sm1â^'xLaxB6 (xâ€¯=â€¯0, 0.10, 0.22, 0.50). Journal of Magnetism and Magnetic Materials, 2019, 470, 131-134.	1.0	1
132	Evidence of Homogeneous Intermediate Valence Coexisting with the Long-Range Magnetic Order in EuCu2(Si, Ge)2. JETP Letters, 2021, 114, 528-535.	0.4	1
133	The origin of Sm ion intermediate valence state in SmB6. Acta Physica Hungarica, 1994, 75, 221-225.	0.1	0
134	Peculiarities of crystal field effects in CeInCu2 based heavy-fermion compounds. Journal of Experimental and Theoretical Physics, 1999, 88, 1202-1207.	0.2	0
135	Temperature evolution of magnetic response for Ce-based heavy fermion compounds. Physica B: Condensed Matter, 2000, 276-278, 768-769.	1.3	0
136	Effects of intermediate valence and Smâ€“Sm interactions on magnetic excitation spectra in (Sm,Y)S. Physica B: Condensed Matter, 2005, 359-361, 154-156.	1.3	0
137	Evolution of the magnetic excitation spectra of the YbB12 kondo insulator under variations in temperature. Crystallography Reports, 2007, 52, 393-397.	0.1	0
138	Magnetic correlations in the CeAl3 heavy-fermion system. Crystallography Reports, 2007, 52, 398-402.	0.1	0
139	Considerable rise in the stability of combined superconductors doped by intermetallic compounds with an extremely high low-temperature specific heat. Technical Physics, 2007, 52, 1148-1154.	0.2	0
140	Magnetic dynamics in an electron-doped YbB12 condo insulator. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 1149-1152.	0.1	0
141	Binary and Pseudobinary Invar Materials based on Intermediate Valence Compounds. Journal of Surface Investigation, 2019, 13, 1203-1208.	0.1	0
142	Ab Initio Study of Lattice Dynamics of Dodecaborides ZrB12 and LuB12. Journal of Surface Investigation, 2020, 14, S19-S21.	0.1	0
143	Neutron Spectroscopy: The Initial Steps of Development in Our Country and Several Achievements. Crystallography Reports, 2021, 66, 179-187.	0.1	0
144	Cooperative and Local Features of the Spin Gap Formation in the Kondo Insulators YbB12 and CeFe2Al10. Journal of Surface Investigation, 2022, 16, 303-311.	0.1	0