Vladimir Anisimov

List of Publications by Year
in descending order

274	28,483	16411 64	5101 166
papers	citations	h-index	g-index

277	277	277	17599
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Band theory and Mott insulators: HubbardUinstead of StonerI. Physical Review B, 1991, 44, 943-954.	1.1	6,031
2	Density-functional theory and strong interactions: Orbital ordering in Mott-Hubbard insulators. Physical Review B, 1995, 52, R5467-R5470.	1.1	3,752
3	First-principles calculations of the electronic structure and spectra of strongly correlated systems: theLDA+Umethod. Journal of Physics Condensed Matter, 1997, 9, 767-808.	0.7	3,137
4	Density-functional theory and NiO photoemission spectra. Physical Review B, 1993, 48, 16929-16934.	1.1	1,991
5	Intermediate-spin state and properties ofLaCoO3. Physical Review B, 1996, 54, 5309-5316.	1.1	774
6	Density-functional calculation of effective Coulomb interactions in metals. Physical Review B, 1991, 43, 7570-7574.	1.1	772
7	Corrected atomic limit in the local-density approximation and the electronic structure ofdimpurities in Rb. Physical Review B, 1994, 50, 16861-16871.	1.1	656
8	First-principles calculations of the electronic structure and spectra of strongly correlated systems: dynamical mean-field theory. Journal of Physics Condensed Matter, 1997, 9, 7359-7367.	0.7	535
9	CrO2: A Self-Doped Double Exchange Ferromagnet. Physical Review Letters, 1998, 80, 4305-4308.	2.9	425
10	Orbital-Assisted Metal-Insulator Transition inVO2. Physical Review Letters, 2005, 95, 196404.	2.9	335
11	Full orbital calculation scheme for materials with strongly correlated electrons. Physical Review B, 2005, 71, .	1.1	262
12	Spin bags, polarons, and impurity potentials inLa2âˆ'xSrxCuO4from first principles. Physical Review Letters, 1992, 68, 345-348.	2.9	259
13	Electronic structure of possible nickelate analogs to the cuprates. Physical Review B, 1999, 59, 7901-7906.	1.1	252
14	Orbital Ordering, Jahn-Teller Distortion, and Anomalous X-Ray Scattering in Manganates. Physical Review Letters, 1999, 82, 4264-4267.	2.9	232
15	Mott-Hubbard Metal-Insulator Transition in ParamagneticV2O3: AnLDA+DMFT(QMC)Study. Physical Review Letters, 2001, 86, 5345-5348.	2.9	227
16	Charge and Orbital Order inFe3O4. Physical Review Letters, 2004, 93, 146404.	2.9	214
17	Mutual Experimental and Theoretical Validation of Bulk Photoemission Spectra ofSr1âˆ'xCaxVO3. Physical Review Letters, 2004, 93, 156402.	2.9	205
18	Charge-ordered insulating state ofFe3O4from first-principles electronic structure calculations. Physical Review B, 1996, 54, 4387-4390.	1.1	202

#	Article	IF	Citations
19	Orbital-selective Mott-insulator transition in Ca 2 - x Sr x RuO 4. European Physical Journal B, 2002, 25, 191-201.	0.6	180
20	Collapse of magnetic moment drives the Mott transition in MnO. Nature Materials, 2008, 7, 198-202.	13.3	175
21	Realistic investigations of correlated electron systems with LDA + DMFT. Physica Status Solidi (B): Basic Research, 2006, 243, 2599-2631.	0.7	174
22	Calculation of magneto-optical properties for 4f systems: LSDA + Hubbard U results. Journal of Physics and Chemistry of Solids, 1995, 56, 1521-1524.	1.9	151
23	Magnetic state and electronic structure of theÎ´andÎ±phases of metallic Pu and its compounds. Physical Review B, 2005, 72, .	1.1	144
24	Prominent Quasiparticle Peak in the Photoemission Spectrum of the Metallic Phase ofV2O3. Physical Review Letters, 2003, 90, 186403.	2.9	143
25	NiO: Correlated Band Structure of a Charge-Transfer Insulator. Physical Review Letters, 2007, 99, 156404.	2.9	134
26	Pseudogaps in strongly correlated metals: A generalized dynamical mean-field theory approach. Physical Review B, 2005, 72, .	1.1	125
27	Orbital Occupation, Local Spin, and Exchange Interactions inV2O3. Physical Review Letters, 1999, 83, 4136-4139.	2.9	122
28	Momentum-resolved spectral functions ofSrVO3calculated byLDA+DMFT. Physical Review B, 2006, 73, .	1.1	110
29	Electronic Structure of the Heavy Fermion MetalLiV2O4. Physical Review Letters, 1999, 83, 364-367.	2.9	109
30	Electronic structure of paramagneticV2O3: Strongly correlated metallic and Mott insulating phase. Physical Review B, 2004, 70, .	1.1	109
31	Spin gap in Tl2Ru2O7 and the possible formation of Haldane chains in three-dimensional crystals. Nature Materials, 2006, 5, 471-476.	13.3	109
32	Influence of rare-earth ion radii on the low-spin to intermediate-spin state transition in lanthanide cobaltite perovskites:â€ƒLaCoO3versusHoCoO3. Physical Review B, 2003, 68, .	1.1	107
33	Valence-band spectra and electronic structure ofCuFeO2. Physical Review B, 1997, 56, 4584-4591.	1.1	105
34	Electronic Correlations at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi><mml:mtext mathvariant="normal">â^'</mml:mtext><mml:mi>Î³</mml:mi></mml:math>Structural Phase Transition in Paramagnetic Iron. Physical Review Letters, 2011, 106, 106405.	2.9	105
35	Comparative study of correlation effects inCaVO3andSrVO3. Physical Review B, 2005, 72, .	1.1	103
36	Local correlations and hole doping in NiO: A dynamical mean-field study. Physical Review B, 2007, 75, .	1.1	99

#	Article	IF	Citations
37	Calculated phonon spectra of paramagnetic iron at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>phase transition. Physical Review B, 2012, 85, .	1.1	97
38	Construction and solution of a Wannier-functions based Hamiltonian in the pseudopotential plane-wave framework for strongly correlated materials. European Physical Journal B, 2008, 65, 91-98.	0.6	96
39	Exchange Interactions and Magnetic Properties of the Layered VanadatesCaV2O5,MgV2O5,CaV3O7, andCaV4O9. Physical Review Letters, 1999, 83, 1387-1390.	2.9	94
40	Coulomb repulsion and correlation strength in LaFeAsO from density functional and dynamical mean-field theories. Journal of Physics Condensed Matter, 2009, 21, 075602.	0.7	93
41	Singlet Semiconductor to Ferromagnetic Metal Transition in FeSi. Physical Review Letters, 1996, 76, 1735-1738.	2.9	92
42	Insulating gap in FeO: Correlations and covalency. Physical Review B, 1997, 55, 12822-12825.	1.1	92
43	Electronic Structure of Lanthanum Hydrides with Switchable Optical Properties. Physical Review Letters, 1997, 78, 1311-1314.	2.9	90
44	Electronic Structure of Strongly Correlated Materials. Springer Series in Solid-state Sciences, 2010, , .	0.3	89
45	Spectral and Magnetic Properties ofÎ±- andÎ³-Ce from Dynamical Mean-Field Theory and Local Density Approximation. Physical Review Letters, 2001, 87, 276403.	2.9	88
46	Spin state transition and covalent bonding in LaCoO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 86, .	1.1	88
47	Theory for metal hydrides with switchable optical properties. Physical Review B, 1999, 59, 5398-5413.	1.1	86
48	Orbitally Degenerate Spin-1 Model for InsulatingV2O3. Physical Review Letters, 2000, 85, 1714-1717.	2.9	82
49	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CaCrO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>: An Anomalous Antiferromagnetic Metallic Oxide. Physical Review Letters, 2008, 101, 167204.	2.9	82
50	Classification of the electronic correlation strength in the iron pnictides: The case of the parent compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2009, 80, .	1.1	82
51	Band-structure description of Mott insulators (NiO, MnO, FeO, CoO). Journal of Physics Condensed Matter, 1990, 2, 3973-3987.	0.7	81
52	REALISTIC MODELING OF STRONGLY CORRELATED ELECTRON SYSTEMS: AN INTRODUCTION TO THE LDA+DMFT APPROACH. International Journal of Modern Physics B, 2001, 15, 2611-2625.	1.0	81
53	One-particle irreducible functional approach: A route to diagrammatic extensions of the dynamical mean-field theory. Physical Review B, 2013, 88, .	1.1	80
54	The 2021 room-temperature superconductivity roadmap. Journal of Physics Condensed Matter, 2022, 34, 183002.	0.7	79

#	Article	IF	Citations
55	Hybrid LDA and generalized tight-binding method for electronic structure calculations of strongly correlated electron systems. Physical Review B, 2005, 72, .	1.1	78
56	Title is missing!. Journal of Physics Condensed Matter, 2000, 12, 4947-4958.	0.7	76
57	Weak ferromagnetism in antiferromagnets:Î±â^'Fe2O3andLa2CuO4. Physical Review B, 2005, 71, .	1.1	73
58	Orbital-selective formation of local moments in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-iron: First-principles route to an effective model. Physical Review B, 2010, 81, .	1.1	73
59	Calculation of exchange constants of the Heisenberg model in plane-wave-based methods using the Green's function approach. Physical Review B, 2015, 91, .	1.1	72
60	Electronic structure and magnetic properties of3dimpurities in ferromagnetic metals. Physical Review B, 1988, 37, 5598-5602.	1.1	71
61	Effect of local Coulomb interactions on the electronic structure and exchange interactions inMn12magnetic molecules. Physical Review B, 2002, 65, .	1.1	71
62	Pressure-Driven Metal-Insulator Transition in Hematite from Dynamical Mean-Field Theory. Physical Review Letters, 2009, 102, 146402.	2.9	70
63	Monoclinic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>M</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:math>phase of VO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>:	1.1	69
64	Structural Relaxation due to Electronic Correlations in the Paramagnetic Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KCuF</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 096405.	2.9	68
65	Determination of the Orbital Moment and Crystal-Field Splitting inLaTiO3. Physical Review Letters, 2005, 94, 056401.	2.9	64
66	Calculation of photoemission spectra of the doped Mott insulator using LDA+DMFT(QMC). European Physical Journal B, 2000, 18, 55-61.	0.6	63
67	Computation of correlation-induced atomic displacements and structural transformations in paramagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>KCuF</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2010, 81, .	1.1	63
68	Electronic structure of charge-orderedFe3O4from calculated optical, magneto-optical Kerr effect, and OK-edge x-ray absorption spectra. Physical Review B, 2006, 74, .	1.1	62
69	Wannier functions and exchange integrals: The example ofLiCu2O2. Physical Review B, 2007, 75, .	1.1	61
70	First-principles calculation of NiO valence spectra in the impurity-Anderson-model approximation. Physical Review B, 1994, 50, 8257-8265.	1.1	59
71	Evidence for strong electronic correlations in the spectra ofSr2RuO4. Physical Review B, 2007, 75, .	1.1	58
72	Electronic correlations determine the phase stability of iron up to the melting temperature. Scientific Reports, 2014, 4, 5585.	1.6	57

#	Article	IF	Citations
73	Orbital and charge ordering inPr1â^'xCaxMnO3(x=0 and 0.5) from the ab initio calculations. Physical Review B, 1997, 55, 15494-15499.	1.1	55
74	First-Order Transition between a Small Gap Semiconductor and a Ferromagnetic Metal in the Isoelectronic AlloyFeSi1â^'xGex. Physical Review Letters, 2002, 89, 257203.	2.9	55
75	Doped Mott Insulator as the Origin of Heavy-Fermion Behavior inLiV2O4. Physical Review Letters, 2007, 98, 166402.	2.9	55
76	Metal-insulator transitions and magnetism in correlated band insulators: FeSi and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mr Physical Review B, 2010, 81, .	1.1	55
77	Metal-insulator transition and lattice instability of paramagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>V</mml:mtext><mml:mn>2</mml:mn Physical Review B, 2015, 91, .	1.1	53
78	Temperature-dependent correlations in covalent insulators: Dynamical mean-field approximation. Physical Review B, 2008, 78, .	1.1	52
79	Orbital-selective pressure-driven metal to insulator transition in FeO from dynamical mean-field theory. Physical Review B, 2010, 82, .	1.1	51
80	Crystal-field splitting for low symmetry systems inab initiocalculations. Physical Review B, 2005, 71, .	1.1	50
81	Metal-insulator transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NiS</mml:mtext></mml:mrow><mml:mrow><mml:mn Physical Review B, 2010, 81, .	1.1	50
82	Orbital ordering in paramagneticLaMnO3andKCuF3. Physical Review B, 2002, 65, .	1.1	49
83	The role of transition metal impurities and oxygen vacancies in the formation of ferromagnetism in Co-doped TiO2. Journal of Physics Condensed Matter, 2006, 18, 1695-1704.	0.7	48
84	Weak ferromagnetism in Mn nanochains on the CuN surface. Physical Review B, 2009, 79, .	1.1	47
85	Optical Evidence for Symmetry Changes above the NÃ©el Temperature of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KCuF</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 157406.	2.9	46
86	Origin of large thermopower inLiRh2O4: Calculation of the Seebeck coefficient by the combination of local density approximation and dynamical mean-field theory. Physical Review B, 2008, 78, .	1.1	46
87	The semiconductor-to-ferromagnetic-metal transition in FeSb2. European Physical Journal B, 2006, 53, 205-207.	0.6	45
88	Computation of stripes in cuprates within theLDA+Umethod. Physical Review B, 2004, 70, .	1.1	44
89	The influence of structural defects on the electronic properties of interstitial alloysâ€"I. Lattice vacancies. Journal of Physics and Chemistry of Solids, 1988, 49, 465-477.	1.9	43
90	Charge order and spin-singlet pair formation in Ti4O7. Journal of Physics Condensed Matter, 2006, 18, 10955-10964.	0.7	42

#	Article	IF	Citations
91	Electronic structure and exchange interactions ofNa2V3O7. Physical Review B, 2006, 73, .	1.1	42
92	First-Principles Calculation of Atomic Forces and Structural Distortions in Strongly Correlated Materials. Physical Review Letters, 2014, 112, 146401.	2.9	41
93	LDA+DMFT implemented with the pseudopotential plane-wave approach. Journal of Physics Condensed Matter, 2008, 20, 135227.	0.7	40
94	Combining density-functional and dynamical-mean-field theory forLa1âˆ’xSrxTiO3. Physical Review B, 2000, 61, 12810-12815.	1.1	39
95	Electronic structure and exchange interactions of the ladder vanadates CaV2O5and MgV2O5. Journal of Physics Condensed Matter, 2000, 12, 113-124.	0.7	39
96	Linear-Temperature Dependence of Static Magnetic Susceptibility in LaFeAsO from Dynamical Mean-Field Theory. Physical Review Letters, 2011, 106, 047007.	2.9	39
97	Magnetic fluctuations and effective magnetic moments in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-iron due to electronic structure peculiarities. Physical Review B, 2013, 88, .	1.1	39
98	Magnetism of iron and nickel from rotationally invariant Hirsch-Fye quantum Monte Carlo calculations. Physical Review B, 2013, 87, .	1.1	39
99	Orbital state and magnetic properties ofLiV2O4. Physical Review B, 2003, 67, .	1.1	38
100	Band versus localized electron magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CaCrO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 78, .	1.1	38
101	Dynamical mean-field approach to materials with strong electronic correlations. European Physical Journal: Special Topics, 2009, 180, 5-28.	1.2	38
102	First principles electronic model for high-temperature superconductivity. Physical Review B, 2002, 66, .	1.1	36
103	Correlation-Driven Topological Fermi Surface Transition in FeSe. Physical Review Letters, 2015, 115, 106402.	2.9	36
104	Electronic structure of ladder cuprates. Physical Review B, 1998, 57, R12655-R12658.	1.1	33
105	Long-period orbital order with hole stripes inLa7/8Sr1/8MnO3. Physical Review B, 2000, 62, 5696-5699.	1.1	33
106	Dynamical Mean-Field Theory for Doped Antiferromagnets. Physical Review Letters, 1998, 80, 2393-2396.	2.9	32
107	SiC(0001):â€‚â€‚A surface Mott-Hubbard insulator. Physical Review B, 2000, 61, 1752-1755.	1.1	32
108	Coulomb correlation effects in LaFeAsO: An LDA + DMFT(QMC) study. Journal of Experimental and Theoretical Physics, 2009, 108, 121-125.	0.2	32

#	Article	IF	Citations
109	Electronic structure of nonstoichiometric compounds in the coherent potential approximation. JETP Letters, 2012, 94, 806-810.	0.4	32
110	Itinerant in-plane magnetic fluctuations and many-body correlations inNaxCoO2. Physical Review B, 2007, 75, .	1.1	29
111	Density-functional calculation of the Coulomb repulsion and correlation strength in superconducting LaFeAsO. JETP Letters, 2008, 88, 729-733.	0.4	29
112	Orbital polarization in LiVO 2 and NaTiO 2. Europhysics Letters, 1998, 44, 491-497.	0.7	28
113	First-principles investigation of symmetric and antisymmetric exchange interactions of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrCu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml	1.1	28
114	Charge order inFe2OBO3: AnLSDA+Ustudy. Physical Review B, 2005, 72, .	1.1	27
115	Electronic correlations and crystal structure distortions in BaBiO₃. Journal of Physics Condensed Matter, 2012, 24, 415603.	0.7	27
116	Effect of electron correlations on the electronic structure and phase stability of FeSe upon lattice expansion. Physical Review B, 2017, 96, .	1.1	27
117	Band Structure Approach to Resonant X-Ray Scattering. Physical Review Letters, 2001, 88, 015504.	2.9	26
118	Coulomb interaction parameters in bcc iron: an LDA+DMFT study. Journal of Physics Condensed Matter, 2014, 26, 375601.	0.7	26
119	Rotationally invariant exchange interaction: The case of paramagnetic iron. Physical Review B, 2012, 86, .	1.1	25
120	Atomistic simulations of helium dynamics in a plutonium lattice. Physical Review B, 2008, 77, .	1.1	23
121	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>LDA</mml:mtext><mml:mo>+</mml:mo><mml:mtext>DMFT</mml:mtext></mml:mrow> functions and effective electron mass enhancement in the superconductor LaFePO. Physical Review B, 2010, 81, .	1.1	23
122	Correlation strength, Lifshitz transition, and the emergence of a two-dimensional to three-dimensional crossover in FeSe under pressure. Physical Review B, 2018, 97, .	1.1	23
123	Electronic structure and lattice relaxation related to Fe in MgO. Physical Review B, 1994, 49, 6548-6552.	1.1	22
124	Electronic structure and magnetic properties of3dimpurities in antiferromagnetic metals. Physical Review B, 1988, 37, 5603-5605.	1.1	21
125	Nature of insulating state inNaV2O5above charge-ordering transition: A cluster dynamical mean-field study. Physical Review B, 2002, 66, .	1.1	21
126	Importance of full Coulomb interactions for understanding the electronic structure ofΐ´-Pu. Physical Review B, 2010, 82, .	1.1	21

#	Article	IF	Citations
127	LDA+DMFT study of magnetic transition and metallization in CoO under pressure. JETP Letters, 2012, 96, 56-60.	0.4	21
128	Pressure-driven metal-insulator transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BiFeO</mml:mi><mml:mn>3</mml:mn></mml:msub></m dynamical mean-field theory. Physical Review B, 2015, 92, .	1.1	21
129	Emergence of quantum critical charge and spin-state fluctuations near the pressure-induced Mott transition in MnO, FeO, CoO, and NiO. Physical Review B, 2020, 101, .	1.1	21
130	Parameters of the effective singlet-triplet model for band structure of high-T c cuprates by alternative approaches. Journal of Experimental and Theoretical Physics, 2004, 99, 559-565.	0.2	20
131	Transition state method and Wannier functions. Physical Review B, 2005, 72, .	1.1	20
132	Role of rotational symmetry in the magnetism of a multiorbital model. Physical Review B, 2012, 86, .	1.1	20
133	Momentum-dependent susceptibilities and magnetic exchange in bcc iron from supercell dynamical mean-field theory calculations. Physical Review B, 2017, 96, .	1.1	20
134	The influence of structural defects on the electronic properties of interstitial alloysâ€”II. Metal substitutional impurities. Journal of Physics and Chemistry of Solids, 1988, 49, 479-486.	1.9	19
135	Construction of Wannier functions from localized atomiclike orbitals. Physical Review B, 2007, 75, .	1.1	19
136	Nonlocal correlations in the vicinity of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^'</mml:mo><mml:mi>1 phase transition in iron within a DMFT plus spin-fermion model approach. Physical Review B, 2016, 94, .	1.1	19
137	Suppression of magnetism under pressure in FeS: A DFT+DMFT study. Physical Review B, 2017, 95, .	1.1	19
138	Optical conductivity of ortho-IIYBa2Cu3O6.5. Physical Review B, 2005, 71, .	1.1	18
139	Dynamical Mean-Field Theory and Its Applications to Real Materials. Journal of the Physical Society of Japan, 2005, 74, 136-146.	0.7	18
140	Singlet and triplet doped-hole configurations inLa2Cu0.5Li0.5O4. Physical Review B, 1997, 55, 12829-12832.	1.1	17
141	Interplay between lattice, orbital, and magnetic degrees of freedom in the chain-polymer Cu(II) breathing crystals. Physical Review B, 2013, 87, .	1.1	17
142	The role of Coulomb correlation in magnetic and transport properties of doped manganites: La0.5Sr0.5MnO3 and LaSr2Mn2O7. Journal of Physics Condensed Matter, 2002, 14, 4533-4542.	0.7	16
143	Calculation of temperature dependence of electrical resistivity in the transuranium metals and their alloys. Physical Review B, 2007, 76, .	1.1	16
144	Magnetic susceptibility of cerium: An LDA<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo>+</mml:mo></mml:math>DMFT study. Physical Review B, 2012, 85, .	1.1	16

#	Article	IF	Citations
145	Anisotropic origin of the linear temperature increase of the magnetic susceptibility of BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 86, .	1.1	16
146	Calculations of bandstructure of intermetallic compounds using the multiple scattering XÎ± cluster method and k dependent boundary conditions. Journal of Physics F: Metal Physics, 1981, 11, 405-418.	1.6	15
147	Cluster approach to magnetic impurities in metals: Application to Mn, Mn, Mn, Fe and Fe. Journal of Magnetism and Magnetic Materials, 1983, 39, 295-308.	1.0	15
148	LDA + U calculations for 4d impurities in Rb. Solid State Communications, 1992, 84, 241-244.	0.9	15
149	The influence of the Co3+spin state on the optical properties of LaCoO3and HoCoO3. Journal of Physics Condensed Matter, 2004, 16, 5129-5136.	0.7	14
150	Evidence for strong Coulomb correlations in the metallic phase of vanadium dioxide. JETP Letters, 2011, 93, 70-74.	0.4	14
151	Mechanism of magnetic moment collapse under pressure in ferropericlase. Journal of Physics Condensed Matter, 2015, 27, 275501.	0.7	14
152	Electronic structure of Cr impurity in Al2O3 from first-principle calculation. Physica B: Condensed Matter, 2004, 344, 385-390.	1.3	13
153	Pressure-induced magnetic transitions with change of the orbital configuration in dimerised systems. Scientific Reports, 2016, 6, 25831.	1.6	13
154	Magnetic transition state approach to ferromagnetism of metals: Ni. Journal of Magnetism and Magnetic Materials, 1983, 36, 125-130.	1.0	12
155	Spin motion of electrons during reflection from a ferromagnetic surface. Physical Review B, 2002, 66, .	1.1	12
156	Orbital density functional as a means to restore the discontinuities in the total-energy derivative and the exchangeâ€“correlation potential. Journal of Physics Condensed Matter, 2007, 19, 106206.	0.7	12
157	Metal-insulator transition in double cobaltites RBaCo2O5.5 (R = Eu, Gd): Specific features of their optical properties. Physics of the Solid State, 2009, 51, 525-531.	0.2	12
158	Barium vanadium silicate BaVSi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>: A<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	12
159	Inclusion of effects of self-consistency of the electron density within the LDA + U + SO method implemented in the temperature Greenâ€™s function formalism in the basis of the Wannier functions. JETP Letters, 2015, 100, 823-828.	0.4	12
160	Coulomb correlation and magnetic ordering in double-layered manganites: LaSr2Mn2O7. Journal of Magnetism and Magnetic Materials, 2001, 237, 47-54.	1.0	11
161	Electronic theory for itinerant in-plane magnetic fluctuations in Na x CoO2. JETP Letters, 2007, 84, 650-655.	0.4	11
162	Renormalized spectral function for Co adatom on the Pt(111) surface. Physical Review B, 2010, 82, .	1.1	11

#	Article	IF	Citations
163	First principles electronic structure calculation and simulation of the evolution of radiation defects in plutonium by the density functional theory and the molecular dynamics approach. Physics of Metals and Metallography, 2013, 114, 1087-1122.	0.3	11
164	Magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>from CPA+DMFT perspectives. Physical Review B, 2016, 93, .	1.1	11
165	Two successive spin transitions in a wide range of pressure and coexistence of high- and low-spin states in clinoferrosilite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>FeSiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2016, 93, .	1.1	11
166	Effect of density of states peculiarities on Hund's metal behavior. Physical Review B, 2018, 97, .	1.1	11
167	Hydrogenation-driven formation of local magnetic moments in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	1.1	11
168	Interplay between the Coulomb Interaction and Hybridization in Ca and Anomalous Pressure Dependence of the Resistivity. JETP Letters, 2019, 109, 387-391.	0.4	11
169	Paraorbital ground state of the trivalent Ni ion in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LiNiO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> from DFT+DMFT calculations. Physical Review B, 2019, 99, .	1.1	11
170	Strong electronic correlations in interstitial magnetic centers of zero-dimensional electride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi><mml:mo>â^’</mml:mo><mml:mrow><mml:msub> Physical Review B, 2021, 103, .	1.1	11
171	Electronic structure of strongly correlated materials. , 2010, , .		10
172	Electronic structure and magnetic state of transuranium metals under pressure. Journal of Physics Condensed Matter, 2010, 22, 495501.	0.7	10
173	Elastic and Electronic Properties of Superconducting CaPd 2 As 2 and SrPd 2 As 2 vs. Non-superconducting BaPd 2 As 2. Journal of Superconductivity and Novel Magnetism, 2014, 27, 155-161.	0.8	10
174	Weak Coulomb correlations stabilize the electride high-pressure phase of elemental calcium. Journal of Physics Condensed Matter, 2020, 32, 445501.	0.7	10
175	Correlation effects in the photoelectron spectra of nickel. Solid State Communications, 1981, 40, 927-928.	0.9	9
176	Transition of iron ions from high-spin to low-spin state and pressure-induced insulator-metal transition in hematite Fe2O3. Journal of Experimental and Theoretical Physics, 2007, 105, 1035-1042.	0.2	9
177	Investigation of real materials with strong electronic correlations by the LDA+DMFT method. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 137-159.	0.2	9
178	The coherent potential approximation for strongly correlated systems: electronic structure and magnetic properties of NiOâ€“ZnO solid solutions. Journal of Physics Condensed Matter, 2014, 26, 115501.	0.7	9
179	Hellmannâ€“Feynman forces within the DFT +Uin Wannier functions basis. Journal of Physics Condensed Matter, 2015, 27, 325602.	0.7	9
180	Role of temperature and Coulomb correlation in the stabilization of the CsCl-type phase in FeS under pressure. Physical Review B, 2018, 98, .	1.1	9

#	Article	IF	Citations
181	X-ray spectra and electronic structure of Li x NbO2 superconductor and other niobium oxide compounds. European Physical Journal B, 1994, 93, 417-424.	0.6	8
182	A band structure analysis of the coexistence of superconductivity and magnetism in (Ho,Dy)Ni2B2C. Journal of Physics Condensed Matter, 2006, 18, 5973-5983.	0.7	8
183	Correlation effects and phonon modes softening with doping in Ba_{1â^'x}K_xBiO₃. Journal of Physics Condensed Matter, 2014, 26, 195602.	0.7	8
184	Spin state transition in the active center of the hemoglobin molecule: DFT + DMFT study. JETP Letters, 2016, 103, 658-662.	0.4	8
185	Effect of electronic correlations on the spectral and magnetic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>ZrZn</mml:mi><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2020, 102, .	1.1	8
186	Magnetic fluctuations and superconducting pairing in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Îµ</mml:mi></mml:math> -iron. Physical Review B, 2020, 101, .	1.1	8
187	Interacting Electrons in Two-Dimensional Electride Ca2N. Journal of Physical Chemistry C, 2021, 125, 15724-15729.	1.5	8
188	First-Principles Calculations of the Electronic Structure and Spectra of Strongly Correlated Systems: LDA + U Method. Springer Series in Solid-state Sciences, 1995, , 106-116.	0.3	8
189	The electron structure and x-ray emission spectra of noble metal aluminides. Solid State Communications, 1980, 36, 769-772.	0.9	7
190	Prediction of an undimerized, insulating, antiferromagnetic ground state in halogen-bridged linear-chain Ni compounds. Physical Review B, 1995, 52, R6975-R6978.	1.1	7
191	Role of electronic correlations in the Fermi surface formation of Na x CoO2. JETP Letters, 2011, 93, 80-85.	0.4	7
192	Effect of correlations and doping on the spin susceptibility of iron pnictides: the case of KFe2As2. JETP Letters, 2014, 100, 120-125.	0.4	7
193	Nature of the ferromagnetic ground state in the Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>molecular magnet. Physical Review B, 2014, 89, .	1.1	7
194	Specific heat of a binary alloy within the CPA+DMFT method. Physical Review B, 2015, 91, .	1.1	7
195	Calculation of the electronic structure of the vanadium dioxide VO2 in the monoclinic low-temperature phase M 1 using the generalized transition state method. Physics of Metals and Metallography, 2007, 104, 215-220.	0.3	6
196	The LDA+DMFT Route to Identify Good Thermoelectrics. NATO Science for Peace and Security Series B: Physics and Biophysics, 2009, , 141-157.	0.2	6
197	Ab initio investigation of uranium monochalcogenides. JETP Letters, 2010, 91, 486-489.	0.4	6
198	Validity of the Anderson and Hubbard models for the description of metallic Ce and cerium heavy fermion compounds. JETP Letters, 2010, 92, 543-546.	0.4	6

#	Article	IF	Citations
199	Role of rotational symmetry in magnetism of multiband models. JETP Letters, 2011, 94, 126-128.	0.4	6
200	Electronic structure and magnetic properties of PuMGa5 compounds within the LDA + U + SO method. JETP Letters, 2012, 96, 452-455.	0.4	6
201	Structural, elastic and electronic properties of new layered superconductor HfCuGe2 in comparison with isostructural HfCuSi2, ZrCuGe2, and ZrCuSi2 from first-principles calculations. Intermetallics, 2013, 42, 130-136.	1.8	6
202	Phase stability of Î±-, Î³-, and Îµ-Ce: DFT+DMFT study. JETP Letters, 2015, 102, 616-619.	0.4	6
203	Searching for pure iron in nature: the Chelyabinsk meteorite. RSC Advances, 2016, 6, 85844-85851.	1.7	6
204	Magnetic exchange and susceptibilities in fcc iron: A supercell dynamical mean-field theory study. Physical Review B, 2018, 98, .	1.1	6
205	Magnetically driven phase transitions with a large volume collapse in MnSe under pressure: A DFT+DMFT study. Physical Review B, 2018, 98, .	1.1	6
206	Orbital-selective coherence-incoherence crossover and metal-insulator transition in Cu-doped NaFeAs. Physical Review B, 2021, 103, .	1.1	6
207	Electride properties of ternary silicide and germanide of La and Ce. Physical Review B, 2022, 105, .	1.1	6
208	Electronic structure of clusters of A-15 compounds with radiation induced defects. Solid State Communications, 1981, 38, 507-509.	0.9	5
209	The influence of substitutional imperfections on the electronic structure of refractory compounds. SP-element impurities in titanium nitride. Journal of Physics and Chemistry of Solids, 1986, 47, 275-287.	1.9	5
210	Effect of structural defects on the electronic structure and stability of cubic molybdenum carbide. Journal of Structural Chemistry, 1989, 30, 184-189.	0.3	5
211	Electronic structure of the intermetallic compounds Ce2Fe17 and Ce2Fe15.3 M 1.7 (M = Al, Si): Experiment and theory. Physics of the Solid State, 2007, 49, 99-106.	0.2	5
212	Pseudogap value in the energy spectrum of LaOFeAs: a fixed spin moment treatment. Journal of Experimental and Theoretical Physics, 2008, 107, 649-652.	0.2	5
213	Theoretical investigation of the residual electrical resistivity concentration dependence of transuranium metal alloys. Physical Review B, 2009, 80, .	1.1	5
214	Correlation effects inNiâ€‰3dstates of LaNiPO. Physical Review B, 2010, 81, .	1.1	5
215	Investigation of electronic structure and magnetic properties of CaCo_{1.86}As₂within the CPA method. Journal of Physics Condensed Matter, 2015, 27, 045502.	0.7	5
216	Electronic structure of UO2.12 calculated in the coherent potential approximation taking into account strong electron correlations and spin-orbit coupling. Physics of Metals and Metallography, 2016, 117, 655-664.	0.3	5

#	Article	IF	Citations
217	Correlations induced orbital ordering and cooperative Jahnâ€“Teller distortion in the paramagnetic insulator KCrF3. JETP Letters, 2016, 103, 573-576.	0.4	5
218	Electronic Structure and Magnetic Properties of Strongly Correlated Transition Metal Compounds. Physics of Metals and Metallography, 2018, 119, 1254-1258.	0.3	5
219	Charge and spin degrees of freedom in strongly correlated systems: Mott states opposite Hundâ€™s metals. Journal of Physics Condensed Matter, 2020, 32, 235601.	0.7	5
220	Electronic correlation effects and local magnetic moments in L1₀ phase of FeNi. Journal of Physics Condensed Matter, 2020, 32, 385601.	0.7	5
221	Novel copper fluoride analogs of cuprates. Physical Chemistry Chemical Physics, 2021, 23, 15989-15993.	1.3	5
222	Itinerant magnetism of chromium under pressure: a DFT+DMFT study. Journal of Physics Condensed Matter, 2021, 33, 385601.	0.7	5
223	[MATH] xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mspace width="0.16em" /><mml:mo>=</mml:mo><mml:mspace width="0.16em" /><mml:mn>1</mml:mn></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mspace width="0.16em" /><mml:mo>=</mml:mo><mml:mspace width="0.16em" /><mml:mn>1</mml:mn></mml:mrow>	1.1	5
224	X-ray spectra ofnd-transition-metal oxides: Role of inner atomicnsandnpstates. Physical Review B, 1994, 49, 14147-14152.	1.1	4
225	Influence of the Coulomb parameter U on partial densities of states of CuGeO $_mathsf{3}$: comparison with X-ray spectral data. European Physical Journal B, 2004, 41, 295-300.	0.6	4
226	Coherent potential approximation simulation of the evolution of the electronic structure of titanium monoxide with the degree of vacancy ordering. Journal of Experimental and Theoretical Physics, 2014, 119, 761-765.	0.2	4
227	Pressure-induced modification of the electron structure of metallic thorium. Journal of Experimental and Theoretical Physics, 2014, 118, 148-152.	0.2	4
228	StructuralÎ³â€“Îµphase transition in Feâ€“Mn alloys from a CPAâ€‰â€‰+â€‰â€‰DMFT approach. Journal of Physics Condensed Matter, 2015, 27, 465601.	0.7	4
229	Paramagnetic properties of Fe-Mn and Fe-V alloys: a DMFT study. Journal of Physics Condensed Matter, 2016, 28, 345601.	0.7	4
230	Raman scattering by electron and phonon excitations in FeSi. JETP Letters, 2016, 103, 316-320.	0.4	4
231	Doping induced spin state transition in Li x CoO2 as studied by the GGA + DMFT calculations. JETP Letters, 2016, 104, 398-402.	0.4	4
232	Electronic structure of nitrides PuN and UN. Journal of Experimental and Theoretical Physics, 2016, 123, 864-868.	0.2	4
233	Phase transitions in FeBO3 under pressure: DFT + DMFT study. JETP Letters, 2017, 106, 317-323.	0.4	4
234	Phonon mode softening and elastic properties of hafnium under pressure. Physical Review B, 2018, 97, .	1.1	4

#	Article	IF	Citations
235	Influence of Molecular Orbitals on Magnetic Properties of FeO2Hx. Molecules, 2020, 25, 2211.	1.7	4
236	Effect of Electronic Correlations on the Electronic Structures of the FeAlO3 and FeSiO3 Compounds. Journal of Experimental and Theoretical Physics, 2021, 132, 548-555.	0.2	4
237	Band structure of titanium carbide containing nitrogen and oxygen impurities. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1986, 53, 69-75.	0.6	3
238	Reply to â€œComment on â€˜Charge order inFe2OBO3: AnLSDA+Ustudyâ€™â€• Physical Review B, 2006, 74, .	1.1	3
239	Reply to â€œComment on â€˜Evidence for strong electronic correlations in the spectra of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">Ru</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>â€™ â€• Physical Review B, 2008, 77, .	1.1	3
240	Spectral properties of LiFeAs: An LDA+DMFT study. JETP Letters, 2012, 96, 118-122.	0.4	3
241	The influence of defects on magnetic properties of fcc-Pu. Journal of Experimental and Theoretical Physics, 2013, 117, 691-698.	0.2	3
242	Effect of a magnetic order on the phase stability of the parent chalcogenide compound FeSe. JETP Letters, 2016, 103, 265-271.	0.4	3
243	Electronic correlations in uranium hydride UH5 under pressure. Journal of Physics Condensed Matter, 2020, 32, 385602.	0.7	3
244	Electronic Structure and Magnetism of Correlated Systems: Beyond LDA. Springer Series in Materials Science, 2003, , 101-161.	0.4	3
245	Electronic structure of transition metal monosulfides and interpretation of their x-ray emission spectra on the basis of MO LCAO cluster calculations. Journal of Structural Chemistry, 1980, 21, 291-299.	0.3	2
246	Electronic structure of titanium and niobium carbides with beryllium impurity. Theoretical and Experimental Chemistry, 1988, 24, 332-337.	0.2	2
247	LMTO-ASA band structure calculations of BaVS3, BaTiS3and their solid solutions. Physica Scripta, 1994, 50, 90-92.	1.2	2
248	Elfimovet al.Reply:. Physical Review Letters, 2003, 90, .	2.9	2
249	Neutron and Raman studies of lattice distortions in Zn1â€“xNixSe induced by nickel. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3150-3153.	0.8	2
250	Optical properties and electronic structure of the CeFeSi-type GdTiGe and GdTiSi compounds. Journal of Alloys and Compounds, 2004, 384, 57-61.	2.8	2
251	Effect of the entropy contribution to the free energy of strongly correlated systems in the dynamic mean-field theory of phase transitions. Physics of the Solid State, 2015, 57, 1431-1435.	0.2	2
252	Features of the electronic structure of the active center of an HbS molecule. Russian Journal of Physical Chemistry A, 2016, 90, 113-116.	0.1	2

#	Article	IF	Citations
253	Electronic structure of the cubic monoborides of Ti, Zr, and Hf and of some ternary boron-containing phases. Journal of Structural Chemistry, 1986, 27, 1-6.	0.3	1
254	Electronic structures of interstitial impurities in transition metals. Journal of Structural Chemistry, 1989, 30, 381-388.	0.3	1
255	Charge State of a Transition Metal Impurity in IIâ€“VI Semiconductors. Physics of the Solid State, 2005, 47, 1560.	0.2	1
256	Studying charge ordering and parameters of exchange interaction in NaxCoO2. Physics of Metals and Metallography, 2006, 101, 255-260.	0.3	1
257	A band-structure analysis of the coexistence of superconductivity and magnetism in (Ho,Dy)Ni2B2C1. Physics of Metals and Metallography, 2006, 101, S21-S23.	0.3	1
258	The origin of an elastic line in the L 3 x-ray emission spectrum of metallic manganese. Physics of the Solid State, 2006, 48, 420-426.	0.2	1
259	Electron structure of compounds with strong electron correlations in the theory of dynamic mean field. Physics of Metals and Metallography, 2011, 112, 682-710.	0.3	1
260	Correlated band structure of superconducting NdFeAsO0.9F0.1: Dynamical mean-field study. JETP Letters, 2013, 98, 373-377.	0.4	1
261	Ab initiostudy on the rare-earth iron-pnictides RFeAsO (R = Pr, Nd, Sm, Gd) in the low-temperatureCmmaphase. Journal of Physics Condensed Matter, 2014, 26, 045501.	0.7	1
262	Electronic structure of the PuCoIn5 compound. JETP Letters, 2015, 101, 402-406.	0.4	1
263	Structural Î±-Î³ transition in iron within the GGA + DMFT method taking into account the rotational invariance of the Coulomb interaction. Physics of the Solid State, 2015, 57, 1277-1281.	0.2	1
264	Electronic structure of the NpMT 5 (M = Fe, Co, Ni; T = Ga, In) series of neptunium compounds. Physics of the Solid State, 2016, 58, 438-443.	0.2	1
265	Influence of structural vacancies on electronic state of interstitial phases. Journal of Structural Chemistry, 1988, 29, 1-8.	0.3	0
266	The effect of Mn and V on magnetic transition in Î³-Fe. Solid State Communications, 1991, 77, 977-982.	0.9	0
267	Electronic structure of advanced materials studied by x-ray emission spectroscopy. , 1997, , .		0
268	Ab initio calculation of the parameters and band structure of the multiband p-d model for La2CuO4. Physics of Metals and Metallography, 2006, 101, S13-S16.	0.3	0
269	Electronic Structure of Nonstoichiometric LaMnO_{3-x} Calculated in the Coherent Potential Approximation. Solid State Phenomena, 2014, 215, 46-51.	0.3	0
270	Preserving spin rotational symmetry in quantum Monte Carlo for description of magnetic properties of strongly correlated compounds. JETP Letters, 2015, 101, 341-344.	0.4	0

#	Article	IF	Citations
271	Electronic structure of Gd-doped MgO. Journal of Experimental and Theoretical Physics, 2016, 122, 338-340.	0.2	0
272	Spin Polarization of Mn5Ge3 in the Bulk and Thin Films. JETP Letters, 2018, 107, 422-425.	0.4	0
273	ON THE NATURE OF ANOMALOUS ELECTRONIC AND LATTICE PROPERTIES OF DILUTE Cr-BASED ALLOYS. Journal De Physique Colloque, 1988, 49, C8-227-C8-228.	0.2	0
274	Coulomb correlations and magnetic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>L1</mml:mi></mml:mrow><mml:mn>0</mml:mn> FeCo: A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>DFT</mml:mi><mml:mo>+</mml:mo><mml:mi>DMFT</mml:mi></mml:mm study. Physical Review Materials, 2022, 6, .	0.9	0