V I Anisimov

List of Publications by Year
in descending order

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27	9,542	377584 21	591227 27
papers	citations	h-index	g-index

27	27	27	10318
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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> Physical Review B, 2010, 81, .	1.1	55
5	Temperature-dependent correlations in covalent insulators: Dynamical mean-field approximation. Physical Review B, 2008, 78, .	1.1	52
6	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
7	Doped Mott Insulator as the Origin of Heavy-Fermion Behavior inLiV2O4. Physical Review Letters, 2007, 98, 166402.	2.9	55
8	The semiconductor-to-ferromagnetic-metal transition in FeSb2. European Physical Journal B, 2006, 53, 205-207.	0.6	45
9	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
10	Orbital state and magnetic properties ofLiV2O4. Physical Review B, 2003, 67, .	1.1	38
11	Electronic Structure and Magnetism of Correlated Systems: Beyond LDA. Springer Series in Materials Science, 2003, , 101-161.	0.4	3
12	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
13	Electronic Structure of the Heavy Fermion MetalLiV2O4. Physical Review Letters, 1999, 83, 364-367.	2.9	109
14	Theory for metal hydrides with switchable optical properties. Physical Review B, 1999, 59, 5398-5413.	1.1	86
15	Electronic structure of possible nickelate analogs to the cuprates. Physical Review B, 1999, 59, 7901-7906.	1.1	252
16	Electronic Structure of Lanthanum Hydrides with Switchable Optical Properties. Physical Review Letters, 1997, 78, 1311-1314.	2.9	90
17	Singlet and triplet doped-hole configurations inLa2Cu0.5Li0.5O4. Physical Review B, 1997, 55, 12829-12832.	1.1	17
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	Intermediate-spin state and properties ofLaCoO3. Physical Review B, 1996, 54, 5309-5316.	1.1	774
20	Singlet Semiconductor to Ferromagnetic Metal Transition in FeSi. Physical Review Letters, 1996, 76, 1735-1738.	2.9	92
21	Density-functional theory and strong interactions: Orbital ordering in Mott-Hubbard insulators. Physical Review B, 1995, 52, R5467-R5470.	1.1	3,752
22	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
23	Electronic structure and lattice relaxation related to Fe in MgO. Physical Review B, 1994, 49, 6548-6552.	1.1	22
24	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
25	Density-functional theory and NiO photoemission spectra. Physical Review B, 1993, 48, 16929-16934.	1.1	1,991
26	Spin bags, polarons, and impurity potentials inLa2â^'xSrxCuO4from first principles. Physical Review Letters, 1992, 68, 345-348.	2.9	259
27	Density-functional calculation of effective Coulomb interactions in metals. Physical Review B, 1991, 43, 7570-7574.	1.1	772