

Lev Mazalov

List of Publications by Citations

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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.

23
papers

84
citations

6
h-index

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g-index

23
ext. papers

88
ext. citations

2.2
avg, IF

0.98
L-index

#	Paper	IF	Citations
23	XPS experimental and DFT investigations on solid solutions of MoReS (0 Nanoscale, 2018 , 10, 10232-10240)	4.9	17
22	Synthesis and study of the electronic structure of molybdenum tetrasulfide and its lithium intercalates. <i>Journal of Physics and Chemistry of Solids</i> , 1998 , 59, 283-288	3.9	10
21	Ge quantum dots structural peculiarities depending on the preparation conditions. <i>Journal of Synchrotron Radiation</i> , 2003 , 10, 380-3	2.4	7
20	An ab initio investigation of the inner shell excited states of the molecule Cl ₂ . <i>Theoretica Chimica Acta</i> , 1979 , 54, 179-185		7
19	An ab initio calculation of K-spectra in molecules HCl and HF. <i>Theoretica Chimica Acta</i> , 1977 , 44, 257-263		7
18	Many-electron effects in the x-ray emission spectra and the one-particle Green's function. Correspondence theorem. <i>Theoretica Chimica Acta</i> , 1983 , 64, 31-39		6
17	Many-electron effects in the X-ray absorption spectra and the one-particle Green's function. <i>Theoretica Chimica Acta</i> , 1983 , 62, 537-547		6
16	An SCF XSW study of the electronic structure and X-ray and photoelectron spectra of Fe(II) and Fe(III) hexacyano complexes in a cluster approach. <i>Theoretica Chimica Acta</i> , 1986 , 70, 429-441		5
15	X-ray emission and X-ray photoelectron study of the electronic structure of polymeric cubanocluster compounds Re ₄ Mo _x S ₄ Te ₄ . <i>Journal of Structural Chemistry</i> , 1996 , 37, 767-772	0.9	3
14	X-ray spectral microanalysis of the phase composition of high temperature superconductor bismuthLeadStrontiumBalciumDopperOxygen ceramics using chemometric approaches. <i>Analyst, The</i> , 1992 , 117, 795-802	5	3
13	An ab initio investigation of the collective phenomena accompanying the core ionization in the radical NO. <i>Theoretica Chimica Acta</i> , 1979 , 52, 311-318		3
12	X-ray spectra and electronic structure of solid ammonia. <i>Journal of Structural Chemistry</i> , 1996 , 37, 621-625	0.9	2
11	MNDO calculations of the electronic structure of lead βdiketonates. <i>Journal of Structural Chemistry</i> , 1994 , 35, 916-919	0.9	2
10	Influence of conformation on the electronic structure of thiacalixarenes according to DFT calculations and X-ray emission spectroscopy. <i>Journal of Molecular Structure</i> , 2011 , 1006, 502-507	3.4	1
9	X-ray spectral and quantum chemical analyses of the electronic structure of poly(monofluorocarbon). <i>Journal of Structural Chemistry</i> , 1995 , 36, 572-577	0.9	1
8	Quantum chemical and x-ray spectral studies of the structures of superstoichiometric fluorocarbons. <i>Journal of Structural Chemistry</i> , 1996 , 37, 906-912	0.9	1
7	X-ray spectral microinvestigation of the chemical states of atoms in Cd _x Hg _{1-x} TeGaAs thin films. <i>Analyst, The</i> , 1992 , 117, 803-805	5	1

6	X-ray spectra and electronic structure of hexafluorobenzene and pentafluoronitrobenzene. <i>Journal of Structural Chemistry</i> , 1989 , 29, 720-727	0.9	1
5	Fragment-by-fragment analysis of molecular orbitals in some substituted benzenes. <i>Journal of Structural Chemistry</i> , 1989 , 30, 194-202	0.9	1
4	Investigation of electronic interactions in solid hydrogen fluoride. <i>Journal of Structural Chemistry</i> , 1997 , 38, 570-577	0.9	
3	Synthesis and investigation of the electronic structure of molybdenum tetrasulfide and its lithium intercalates. <i>Journal of Structural Chemistry</i> , 1996 , 37, 626-632	0.9	
2	Quantum chemical calculation of Mo ₄ S ₄ Cl ₄ in the cluster approximation. <i>Journal of Structural Chemistry</i> , 1996 , 37, 335-339	0.9	
1	The study of interaction of HIV-1 surface GP120 protein with CD4 cell receptor by EXAFS spectroscopy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 359, 259-262	1.2	