Lev Mazalov

List of Publications by Year in Descending Order

23 papers	84 citations	6 h-index	8 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	7.7	17
22	Influence of conformation on the electronic structure of thiacalixarenes according to DFT calculations and X-ray emission spectroscopy. *Journal of Molecular Structure*, **2011**, 1006, 502-507	3.4	1
21	Ge quantum dots structural peculiarities depending on the preparation conditions. *Journal of Synchrotron Radiation*, **2003**, 10, 380-3	2.4	7
20	Synthesis and study of the electronic structure of molybdenum tetrasulfide and its lithium intercalates. *Journal of Physics and Chemistry of Solids*, **1998**, 59, 283-288	3.9	10
19	Investigation of electronic interactions in solid hydrogen fluoride. *Journal of Structural Chemistry*, **1997**, 38, 570-577	0.9	
18	X-ray emission and X-ray photoelectron study of the electronic structure of polymeric cubanocluster compounds Re4 Mo x S4Te4. *Journal of Structural Chemistry*, **1996**, 37, 767-772	0.9	3
17	X-ray spectra and electronic structure of solid ammonia. *Journal of Structural Chemistry*, **1996**, 37, 621-625	0.9	2
16	Synthesis and investigation of the electronic structure of molybdenum tetrasulfide and its lithium intercalates. *Journal of Structural Chemistry*, **1996**, 37, 626-632	0.9	
15	Quantum chemical and x-ray spectral studies of the structures of superstoichiometric fluorocarbons. *Journal of Structural Chemistry*, **1996**, 37, 906-912	0.9	1
14	Quantum chemical calculation of Mo4S4Cl4 in the cluster approximation. *Journal of Structural Chemistry*, **1996**, 37, 335-339	0.9	
13	X-ray spectral and quantum chemical analyses of the electronic structure of poly(monofluorocarbon). *Journal of Structural Chemistry*, **1995**, 36, 572-577	0.9	1
12	The study of interaction of HIV-1 surface GP120 protein with CD4 cell receptor by EXAFS spectroscopy. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1995**, 359, 259-262	1.2	
11	MNDO calculations of the electronic structure of lead diketonates. *Journal of Structural Chemistry*, **1994**, 35, 916-919	0.9	2
10	X-ray spectral microinvestigation of the chemical states of atoms in CdxHg1 TeGaAs thin films. *Analyst, The*, **1992**, 117, 803-805	5	1
9	X-ray spectral microanalysis of the phase composition of high temperature superconductor bismuthleadstrontiumcalciumcopperoxygen ceramics using chemometric approaches. *Analyst, The*, **1992**, 117, 795-802	5	3
8	X-ray spectra and electronic structure of hexafluorobenzene and pentafluoronitrobenzene. *Journal of Structural Chemistry*, **1989**, 29, 720-727	0.9	1
7	Fragment-by-fragment analysis of molecular orbitals in some substituted benzenes. *Journal of Structural Chemistry*, **1989**, 30, 194-202	0.9	1

List of Publications

6	An SCF Xα-SW study of the electronic structure and X-ray and photoelectron spectra of Fe(II) and Fe(III) hexacyano complexes in a cluster approach. *Theoretica Chimica Acta*, **1986**, 70, 429-441	5
5	Many-electron effects in the x-ray emission spectra and the one-particle green's function. Correspondence theorem. *Theoretica Chimica Acta*, **1983**, 64, 31-39	6
4	Many-electron effects in the X-ray absorption spectra and the one-particle Green's function. *Theoretica Chimica Acta*, **1983**, 62, 537-547	6
3	An ab initio investigation of the collective phenomena accompanying the core ionization in the radical NO. *Theoretica Chimica Acta*, **1979**, 52, 311-318	3
2	Anab initio investigation of the inner shell excited states of the molecule Cl2. *Theoretica Chimica Acta*, **1979**, 54, 179-185	7
1	An ab initio calculation of K-spectra in molecules HCl and HF. *Theoretica Chimica Acta*, **1977**, 44, 257-263	7