Lev Mazalov

List of Publications by Year
in descending order

23	97	1477746 6	1473754 9
papers	citations	h-index	g-index

23	23	23	155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	XPS experimental and DFT investigations on solid solutions of Mo_{1â”x}Re_xS₂ (0 < x < 0.20). Nanoscale, 2018, 10, 10232-10240.	2.8	23
2	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.	1.9	12
3	An ab initio calculation of K-spectra in molecules HCl and HF. Theoretica Chimica Acta, 1977, 44, 257-263.	0.9	7
4	Anab initio investigation of the inner shell excited states of the molecule Cl2. Theoretica Chimica Acta, 1979, 54, 179-185.	0.9	7
5	Ge quantum dots structural peculiarities depending on the preparation conditions. Journal of Synchrotron Radiation, 2003, 10, 380-383.	1.0	7
6	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.	0.9	6
7	Many-electron effects in the X-ray absorption spectra and the one-particle Green's function. Theoretica Chimica Acta, 1983, 62, 537-547.	0.9	6
8	An SCF X?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.	0.9	5
9	X-ray emission and X-ray photoelectron study of the electronic structure of polymeric cubanocluster compounds Re4â”x Mo x S4Te4. Journal of Structural Chemistry, 1996, 37, 767-772.	0.3	5
10	X-ray spectral microanalysis of the phase composition of high temperature superconductor bismuthâ€“leadâ€“strontiumâ€“calciumâ€“copperâ€“oxygen ceramics using chemometric approaches. Analyst, The, 1992, 117, 795-802.	1.7	4
11	An ab initio investigation of the collective phenomena accompanying the core ionization in the radical NO. Theoretica Chimica Acta, 1979, 52, 311-318.	0.9	3
12	X-ray spectral microinvestigation of the chemical states of atoms in CdxHg1â€“xTeâ€”GaAs thin films. Analyst, The, 1992, 117, 803-805.	1.7	2
13	MNDO calculations of the electronic structure of lead Î²-diketonates. Journal of Structural Chemistry, 1994, 35, 916-919.	0.3	2
14	X-ray spectra and electronic structure of solid ammonia. Journal of Structural Chemistry, 1996, 37, 621-625.	0.3	2
15	X-ray spectra and electronic structure of hexafluorobenzene and pentafluoronitrobenzene. Journal of Structural Chemistry, 1989, 29, 720-727.	0.3	1
16	Fragment-by-fragment analysis of molecular orbitals in some substituted benzenes. Journal of Structural Chemistry, 1989, 30, 194-202.	0.3	1
17	X-ray spectral and quantum chemical analyses of the electronic structure of poly(monofluorocarbon). Journal of Structural Chemistry, 1995, 36, 572-577.	0.3	1
18	Synthesis and investigation of the electronic structure of molybdenum tetrasulfide and its lithium intercalates. Journal of Structural Chemistry, 1996, 37, 626-632.	0.3	1

#	Article	IF	Citations
19	Quantum chemical and x-ray spectral studies of the structures of superstoichiometric fluorocarbons. Journal of Structural Chemistry, 1996, 37, 906-912.	0.3	1
20	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.	1.8	1
21	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.	0.7	0
22	Quantum chemical calculation of Mo4S4Cl4 in the cluster approximation. Journal of Structural Chemistry, 1996, 37, 335-339.	0.3	0
23	Investigation of electronic interactions in solid hydrogen fluoride. Journal of Structural Chemistry, 1997, 38, 570-577.	0.3	0