

Anatoly Ischenko

List of Publications by Year in descending order

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23
papers

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840776

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Time-resolved electron diffraction and microscopy of laser-induced processes in thin films. <i>Chemical Physics Letters</i> , 2022, 797, 139599.	2.6	2
2	Ultrafast Electron Microscopy: An Instrument of the XXI Century. <i>Crystallography Reports</i> , 2021, 66, 553-569.	0.6	1
3	Quantum state tomography of molecules by ultrafast diffraction. <i>Nature Communications</i> , 2021, 12, 5441.	12.8	10
4	Characterization of iron-doped crystalline silicon nanoparticles and their modification with citrate anions for in vivo applications. <i>Fine Chemical Technologies</i> , 2021, 16, 414-425.	0.8	0
5	Mapping Atomic Motions with Electrons: Toward the Quantum Limit to Imaging Chemistry. <i>ACS Photonics</i> , 2020, 7, 296-320.	6.6	16
6	The effect of Coulomb repulsion on the space-time resolution limits for ultrafast electron diffraction. <i>Journal of Chemical Physics</i> , 2019, 150, 054201.	3.0	10
7	Capturing Chemistry in Action with Electrons: Realization of Atomically Resolved Reaction Dynamics. <i>Chemical Reviews</i> , 2017, 117, 11066-11124.	47.7	108
8	Transient structures and chemical reaction dynamics. <i>Russian Chemical Reviews</i> , 2017, 86, 1173-1253.	6.5	13
9	ULTRAFAST ELECTRON CRYSTALLOGRAPHY AND NANOCRYSTALLOGRAPHY: FOR CHEMISTRY, BIOLOGY AND MATERIALS SCIENCE. PART I. ULTRAFAST ELECTRON CRYSTALLOGRAPHY. <i>ChemChemTech</i> , 2017, 60, 4.	0.3	2
10	Vibrational Spectra of Cobalt (II), Nickel(II), Copper(II), Zinc(II) Etioporphyrins-II, MN4C32H36. <i>Macroheterocycles</i> , 2014, 7, 60-72.	0.5	8
11	Effects of laser-induced quenching and restoration of photoluminescence in hybrid Si/SiOxnanoparticles. <i>Laser Physics Letters</i> , 2013, 10, 095901.	1.4	11
12	Molecular Tomography of the Quantum State by Time-Resolved Electron Diffraction. <i>Research Letters in Physics</i> , 2013, 2013, 1-8.	0.2	6
13	Mass-Spectrometric Study of Cobalt, Nickel, Copper and Zinc Etioporphyrin-II Sublimation. <i>Macroheterocycles</i> , 2012, 5, 315-320.	0.5	8
14	Carbon in silica. <i>Kinetics and Catalysis</i> , 2011, 52, 316-329.	1.0	3
15	Immobilization of luminescent nanosilicon in a microfine polytetrafluoroethylene matrix by means of supercritical carbon dioxide. <i>Russian Journal of Physical Chemistry B</i> , 2010, 4, 1164-1170.	1.3	14
16	Gas sensitivity of etioporphyrin metal complexes in thin films. <i>Journal of Analytical Chemistry</i> , 2009, 64, 1247-1251.	0.9	14
17	<title>Spectral properties of siliceous nanocomposite materials</title>. , 2006, 6164, 58.		0
18	Manifestation of Chaotic Nuclear Dynamics of Highly Excited Polyatomic Molecules in Time-Resolved Electron Diffraction Data. <i>Journal of Physical Chemistry A</i> , 1998, 102, 7329-7332.	2.5	7

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19	On the determination of equilibrium geometries and potential functions of simple polyatomic molecules from electron diffraction. <i>Structural Chemistry</i> , 1990, 1, 217-225.	2.0	16
20	Composition and Molecular Structure of Gaseous Molybdenum Pentachloride by Electron Diffraction.. <i>Acta Chemica Scandinavica</i> , 1984, 38a, 115-120.	0.7	16
21	A stroboscopical gas-electron diffraction method for the investigation of short-lived molecular species. <i>Applied Physics B, Photophysics and Laser Chemistry</i> , 1983, 32, 161-163.	1.5	80
22	Composition and Molecular Structure of Gaseous Gold Pentafluoride by Electron Diffraction.. <i>Acta Chemica Scandinavica</i> , 1982, 36a, 705-709.	0.7	26
23	Molecular Structures of Gaseous (NbF ₅) ₃ and (SbF ₅) ₃ by Electron Diffraction.. <i>Acta Chemica Scandinavica</i> , 1980, 34a, 733-737.	0.7	28