# Anatoly Ischenko

List of Publications by Year
in descending order



| 23 | 399 | 840776 11 | 752698 20 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 24 | 24 | 24 | 426 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Capturing Chemistry in Action with Electrons: Realization of Atomically Resolved Reaction Dynamics. Chemical Reviews, 2017, 117, 11066-11124. | 47.7 | 108 |
| 2 | A stroboscopical gas-electron diffraction method for the investigation of short-lived molecular species. Applied Physics B, Photophysics and Laser Chemistry, 1983, 32, 161-163. | 1.5 | 80 |
| 3 | Molecular Structures of Gaseous (NbF5)3 and (SbF5)3 by Electron Diffraction.. Acta Chemica Scandinavica, 1980, 34a, 733-737. | 0.7 | 28 |
| 4 | Composition and Molecular Structure of Gaseous Gold Pentafluoride by Electron Diffraction.. Acta Chemica Scandinavica, 1982, 36a, 705-709. | 0.7 | 26 |
| 5 | On the determination of equilibrium geometries and potential functions of simple polyatomic molecules from electron diffraction. Structural Chemistry, 1990, 1, 217-225. | 2.0 | 16 |
| 6 | Mapping Atomic Motions with Electrons: Toward the Quantum Limit to Imaging Chemistry. ACS Photonics, 2020, 7, 296-320. | 6.6 | 16 |
| 7 | Composition and Molecular Structure of Gaseous Molybdenum Pentachloride by Electron Diffraction.. Acta Chemica Scandinavica, 1984, 38a, 115-120. | 0.7 | 16 |
| 8 | Gas sensitivity of etioporphyrin metal complexes in thin films. Journal of Analytical Chemistry, 2009, 64, 1247-1251. | 0.9 | 14 |
| 9 | Immobilization of luminescent nanosilicon in a microfine polytetrafluoroethylene matrix by means of supercritical carbon dioxide. Russian Journal of Physical Chemistry B, 2010, 4, 1164-1170. | 1.3 | 14 |
| 10 | Transient structures and chemical reaction dynamics. Russian Chemical Reviews, 2017, 86, 1173-1253. | 6.5 | 13 |
| 11 | Effects of laser-induced quenching and restoration of photoluminescence in hybrid Si/SiOxnanoparticles. Laser Physics Letters, 2013, 10, 095901. | 1.4 | 11 |
| 12 | The effect of Coulomb repulsion on the space-time resolution limits for ultrafast electron diffraction. Journal of Chemical Physics, 2019, 150, 054201. | 3.0 | 10 |
| 13 | Quantum state tomography of molecules by ultrafast diffraction. Nature Communications, 2021, 12, 5441. | 12.8 | 10 |
| 14 | Vibrational Spectra of Cobalt (II), Nickel(II), Copper(II), Zinc(II) Etioporphyrins-II, MN4C32H36. Macroheterocycles, 2014, 7, 60-72. | 0.5 | 8 |
| 15 | Mass-Spectrometric Study of Cobalt, Nickel, Copper and Zinc Etioporphyrin-II Sublimation. Macroheterocycles, 2012, 5, 315-320. | 0.5 | 8 |
| 16 | Manifestation of Chaotic Nuclear Dynamics of Highly Excited Polyatomic Molecules in Time-Resolved Electron Diffraction Data. Journal of Physical Chemistry A, 1998, 102, 7329-7332. | 2.5 | 7 |
| 17 | Molecular Tomography of the Quantum State by Time-Resolved Electron Diffraction. Research Letters in Physics, 2013, 2013, 1-8. | 0.2 | 6 |
| 18 | Carbon in silica. Kinetics and Catalysis, 2011, 52, 316-329. | 1.0 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | ULTRAFAST ELECTRON CRYSTALLOGRAPHY AND NANOCRYSTALLOGRAPHY: FOR CHEMISTRY, BIOLOGY AND MATERIALS SCIENCE. PART I. ULTRAFAST ELECTRON CRYSTALLOGRAPHY. ChemChemTech, 2017, 60, 4. | 0.3 | 2 |
| 20 | Time-resolved electron diffraction and microscopy of laser-induced processes in thin films. Chemical Physics Letters, 2022, 797, 139599. | 2.6 | 2 |
| 21 | Ultrafast Electron Microscopy: An Instrument of the XXI Century. Crystallography Reports, 2021, 66, 553-569. | 0.6 | 1 |
| 22 | ‹title›Spectral properties of siliceous nanocomposite materials‹/title›. , 2006, 6164, 58. | | 0 |
| 23 | Characterization of iron-doped crystalline silicon nanoparticles and their modification with citrate anions for in vivo applications. Fine Chemical Technologies, 2021, 16, 414-425. | 0.8 | 0 |