

Andrey V Ivanov

List of Publications by Year in descending order

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276
papers

3,468
citations

172457

29
h-index

197818

49
g-index

285
all docs

285
docs citations

285
times ranked

3434
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The Reaction Probability of OH on Organic Surfaces of Tropospheric Interest. <i>Journal of Physical Chemistry A</i> , 2001, 105, 9415-9421. | 2.5 | 257 |
| 2 | Atmospheric evolution of organic aerosol. <i>Geophysical Research Letters</i> , 2004, 31, . | 4.0 | 215 |
| 3 | Nanocomposites Containing Silica-Coated Gold-Silver Nanocages and Yb ²⁺ -2,4-Dimethoxyhematoporphyrin: Multifunctional Capability of IR-Luminescence Detection, Photosensitization, and Photothermolysis. <i>ACS Nano</i> , 2011, 5, 7077-7089. | 14.6 | 143 |
| 4 | The Kaidun Microbreccia Meteorite: A Harvest from the Inner and Outer Asteroid Belt. <i>Chemie Der Erde</i> , 2003, 63, 185-246. | 2.0 | 124 |
| 5 | OH, HO ₂ , and Ozone Gaseous Diffusion Coefficients. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1632-1637. | 2.5 | 114 |
| 6 | O ₃ and OH Sensitivity to heterogeneous sinks of HO _x and CH ₃ O ₂ on aerosol particles. <i>Faraday Discussions</i> , 1995, 100, 83. | 3.2 | 94 |
| 7 | Nonlinear response and power handling capability of ferroelectric Ba _x Sr _{1-x} TiO ₃ film capacitors and tunable microwave devices. <i>Journal of Applied Physics</i> , 2000, 88, 5334-5342. | 2.5 | 82 |
| 8 | The Kaidun meteorite: Mineralogy of an unusual CM1 lithology. <i>Meteoritics and Planetary Science</i> , 1996, 31, 484-493. | 1.6 | 67 |
| 9 | Florenskyite, FeTiP, a new phosphide from the Kaidun meteorite. <i>American Mineralogist</i> , 2000, 85, 1082-1086. | 1.9 | 65 |
| 10 | Variability of Fire Behavior, Fire Effects, and Emissions in Scotch Pine Forests of Central Siberia. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2006, 11, 45-74. | 2.1 | 62 |
| 11 | Steady and unsteady Görtler boundary-layer instability on concave wall. <i>European Journal of Mechanics, B/Fluids</i> , 2010, 29, 61-83. | 2.5 | 60 |
| 12 | Characterization of quality of Ba _x Sr _{1-x} TiO ₃ thin film by the commutation quality factor measured at microwaves. <i>Applied Physics Letters</i> , 2002, 81, 1675-1677. | 3.3 | 59 |
| 13 | Light-oxygen effect in cells and its potential applications in tumour therapy (review). <i>Quantum Electronics</i> , 1999, 29, 1031-1053. | 1.0 | 56 |
| 14 | Changes in p53 expression in mouse fibroblasts can modify motility and extracellular matrix organization. <i>Oncogene</i> , 2000, 19, 5826-5830. | 5.9 | 49 |
| 15 | Effect of Relative Humidity on OH Uptake by Surfaces of Atmospheric Importance. <i>Journal of Physical Chemistry A</i> , 2008, 112, 6968-6977. | 2.5 | 47 |
| 16 | Activation of molecular oxygen by infrared laser radiation in pigment-free aerobic systems. <i>Biochemistry (Moscow)</i> , 2003, 68, 963-966. | 1.5 | 46 |
| 17 | C ₁₂ H ₁₁ N and C ₁₂ H ₁₁ O intramolecular hydrogen bonding effects in the ¹ H, ¹³ C and ¹⁵ N NMR spectra of the configurational isomers of 1-vinylpyrrole-2-carbaldehyde oxime substantiated by DFT calculations. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 105-112. | 1.9 | 46 |
| 18 | Plasmonic Nanopowders for Photothermal Therapy of Tumors. <i>Langmuir</i> , 2012, 28, 8994-9002. | 3.5 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Magnetic properties of lunar materials: Meteorites, Luna and Apollo returned samples. <i>Earth and Planetary Science Letters</i> , 2010, 292, 383-391. | 4.4 | 44 |
| 20 | Novel diamides of 2,2'-dipyridyl-6,6'-dicarboxylic acid: synthesis, coordination properties, and possibilities of use in electrochemical sensors and liquid extraction. <i>Russian Chemical Bulletin</i> , 2012, 61, 881-890. | 1.5 | 43 |
| 21 | Swept-wing boundary-layer receptivity to surface non-uniformities. <i>Journal of Fluid Mechanics</i> , 2002, 461, 93-126. | 3.4 | 42 |
| 22 | Effect of mebendazole on human cystic echinococcosis: the role of dosage and treatment duration. <i>Annals of Tropical Medicine and Parasitology</i> , 1999, 93, 357-365. | 1.6 | 40 |
| 23 | p53-dependent effects of RAS oncogene on chromosome stability and cell cycle checkpoints. <i>Oncogene</i> , 1999, 18, 3135-3142. | 5.9 | 40 |
| 24 | Study of conformations and hydrogen bonds in the configurational isomers of pyrrole-2-carbaldehyde oxime by ¹ H, ¹³ C and ¹⁵ N NMR spectroscopy combined with MP2 and DFT calculations and NBO analysis. <i>Magnetic Resonance in Chemistry</i> , 2010, 48, 685-692. | 1.9 | 36 |
| 25 | Solvent dependence of the steady-state rate of ¹ O ₂ generation upon excitation of dissolved oxygen by cw 1267nm laser radiation in air-saturated solutions: Estimates of the absorbance and molar absorption coefficients of oxygen at the excitation wavelength. <i>Chemical Physics Letters</i> , 2006, 430, 260-264. | 2.6 | 35 |
| 26 | Development of novel formulations for photodynamic therapy on the basis of amphiphilic polymers and porphyrin photosensitizers. Pluronic influence on photocatalytic activity of porphyrins. <i>Laser Physics</i> , 2009, 19, 817-824. | 1.2 | 32 |
| 27 | Experimental study of the D + H ₂ (j = 1) reaction. <i>Chemical Physics Letters</i> , 1984, 105, 423-426. | 2.6 | 30 |
| 28 | Virus-based reporter systems for monitoring transcriptional activity of hypoxia-inducible factor 1. <i>Gene</i> , 2005, 350, 89-98. | 2.2 | 30 |
| 29 | Expedient synthesis of 1-vinylpyrrole-2-carbaldehydes. <i>Tetrahedron Letters</i> , 2006, 47, 3693-3696. | 1.4 | 29 |
| 30 | Photothermal effects induced by laser heating of gold nanorods in suspensions and inoculated tumours during in vivo experiments. <i>Quantum Electronics</i> , 2012, 42, 380-389. | 1.0 | 29 |
| 31 | Receptivity coefficients at excitation of cross-flow waves by free-stream vortices in the presence of surface roughness. <i>Journal of Fluid Mechanics</i> , 2013, 716, 487-527. | 3.4 | 28 |
| 32 | A highly efficient [3+2] cycloaddition of nitrile oxides and azomethine imines to N-vinylpyrroles. <i>Tetrahedron</i> , 2015, 71, 2071-2078. | 1.9 | 28 |
| 33 | Observations of extrasolar planet transits with the automated telescopes of the Pulkovo Astronomical Observatory. <i>Astronomy Letters</i> , 2012, 38, 180-190. | 1.0 | 27 |
| 34 | Ethynylation of indoles with 1-benzoyl-2-bromoacetylene on Al ₂ O ₃ . <i>Tetrahedron Letters</i> , 2006, 47, 7139-7141. | 1.4 | 25 |
| 35 | Regio- and diastereoselectivity of the cycloaddition of nitrones with N-propadienylindole and pyrroles. <i>Tetrahedron</i> , 2018, 74, 174-183. | 1.9 | 25 |
| 36 | Physico-chemical characteristics of dust aerosols deposited during the Soviet-American experiment (Tadzhikistan, 1989). <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 2487-2493. | 1.3 | 24 |

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|----|--|------|-----------|
| 37 | Particulate emissions from fires in central Siberian Scots pine forests. Canadian Journal of Forest Research, 2005, 35, 2207-2217. | 1.7 | 21 |
| 38 | Swept-wing boundary-layer transition at various external perturbations: Scenarios, criteria, and problems of prediction. Physics of Fluids, 2017, 29, . | 4.0 | 21 |
| 39 | The Kaidun meteorite: Composition and origin of inclusions in the metal of an enstatite chondrite clast. Meteoritics and Planetary Science, 1996, 31, 621-626. | 1.6 | 20 |
| 40 | The types and timing of the degenerative changes seen in the cysts during and after benzimidazole treatment of cystic echinococcosis. Annals of Tropical Medicine and Parasitology, 2005, 99, 649-659. | 1.6 | 20 |
| 41 | Unusual Lewis-acid catalyzed formal (3+3)-cycloaddition of azomethine imines and nitrones to N-vinylpyrroles. Tetrahedron, 2017, 73, 671-680. | 1.9 | 20 |
| 42 | Highly efficient and stereoselective cycloaddition of nitrones to indolyl- and pyrrolylacrylates. Tetrahedron Letters, 2018, 59, 2327-2331. | 1.4 | 20 |
| 43 | The temperature dependence of the reactions $H_2(v = 1) + D$, H. Chemical Physics Letters, 1985, 121, 89-93. | 2.6 | 19 |
| 44 | Response time and power handling capability of tunable microwave devices using ferroelectric films. Integrated Ferroelectrics, 1998, 22, 329-340. | 0.7 | 19 |
| 45 | The Kaidun chondrite breccia: Petrology, oxygen isotopes, and trace element abundances. Geochimica Et Cosmochimica Acta, 2009, 73, 5493-5511. | 3.9 | 19 |
| 46 | Combined laser and photodynamic treatment in extensive purulent wounds. Laser Physics, 2010, 20, 1068-1073. | 1.2 | 19 |
| 47 | Luminescence diagnostics of malignant tumors in the IR spectral range using Yb-porphyrin metallocomplexes. Laser Physics, 2010, 20, 2056-2065. | 1.2 | 19 |
| 48 | Influence of Surface Roughness and Free-stream Turbulence on Crossflow-instability Transition. Procedia IUTAM, 2015, 14, 295-302. | 1.2 | 19 |
| 49 | Experimental and theoretical study of swept-wing boundary-layer instabilities. Unsteady crossflow instability. Physics of Fluids, 2019, 31, . | 4.0 | 19 |
| 50 | Ferroelectric (Ba,Sr)TiO ₃ thin-film 60-GHz phase shifter. Technical Physics Letters, 2001, 27, 1032-1034. | 0.7 | 18 |
| 51 | Transcriptional inhibition of the human papilloma virus reactivates tumor suppressor p53 in cervical carcinoma cells. Molecular Biology, 2007, 41, 459-466. | 1.3 | 18 |
| 52 | Systematic study of distributed excitation of unsteady Görtler modes by freestream vortices. European Journal of Mechanics, B/Fluids, 2018, 68, 167-183. | 2.5 | 17 |
| 53 | Resolution and contrast enhancement of laser-scanning multiphoton microscopy using thulium-doped upconversion nanoparticles. Nano Research, 2019, 12, 2933-2940. | 10.4 | 17 |
| 54 | Selective synthesis of 1-vinylpyrroles directly from ketones and acetylene: Modification of trofimov reaction. Russian Journal of Organic Chemistry, 2007, 43, 228-230. | 0.8 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | An Efficient Route to 1-Vinylpyrrole-2-carbaldehydes. <i>Synthesis</i> , 2009, 2009, 587-590. | 2.3 | 16 |
| 56 | Enhanced sulfate formation on ozone-exposed soot. <i>Journal of Aerosol Science</i> , 2011, 42, 615-620. | 3.8 | 16 |
| 57 | A Highly Efficient and Stereoselective Cycloaddition of Nitrones to N-Vinylpyrroles. <i>Synthesis</i> , 2014, 46, 771-780. | 2.3 | 16 |
| 58 | Millimeter-Wave Loaded Line Ferroelectric Phase Shifters. <i>Integrated Ferroelectrics</i> , 2003, 55, 847-852. | 0.7 | 15 |
| 59 | New data on the reaction of selenium tetrachloride with acetylene. <i>Russian Journal of Organic Chemistry</i> , 2006, 42, 1083-1084. | 0.8 | 15 |
| 60 | Synthesis and electrochemical study of narrow band gap conducting polymers based on 2,2'-dipyrroles linked with conjugated aza-spacers. <i>Synthetic Metals</i> , 2007, 157, 60-65. | 3.9 | 15 |
| 61 | Detection of technogenically contaminated soil areas based on their magnetic susceptibility. <i>Eurasian Soil Science</i> , 2007, 40, 215-222. | 1.6 | 15 |
| 62 | On OH uptake by sea salt under humid conditions. <i>Geophysical Research Letters</i> , 2009, 36, . | 4.0 | 15 |
| 63 | Plasmonic extraordinary transmittance in array of metal nanorods. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 107, 17-21. | 2.3 | 15 |
| 64 | Local Overheating of Biotissue Labeled With Upconversion Nanoparticles Under Yb ³⁺ Resonance Excitation. <i>Frontiers in Chemistry</i> , 2020, 8, 295. | 3.6 | 15 |
| 65 | Synthesis and Liquid Crystal Properties of 2,7-Dialkoxy-9-fluorenones. <i>Russian Journal of General Chemistry</i> , 2002, 72, 1435-1438. | 0.8 | 14 |
| 66 | Nonlinear properties of thin ferroelectric film-based capacitors at elevated microwave power. <i>Applied Physics Letters</i> , 2006, 89, 232901. | 3.3 | 14 |
| 67 | Spherules from the Tunguska event site: Could they originate from the Tunguska Cosmic Body?. <i>Geochemistry International</i> , 2011, 49, 641-653. | 0.7 | 14 |
| 68 | Receptivity coefficients at excitation of cross-flow waves due to scattering of free-stream vortices on surface vibrations. <i>Journal of Fluid Mechanics</i> , 2016, 793, 162-208. | 3.4 | 14 |
| 69 | Geochemistry of trace elements in the extraterrestrial matter examined by the X-ray fluorescence method with synchrotron radiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1987, 261, 263-271. | 1.6 | 13 |
| 70 | Switching time of planar ferroelectric capacitors using strontium titanate and barium strontium titanate films. <i>Technical Physics Letters</i> , 1998, 24, 755-757. | 0.7 | 13 |
| 71 | Synthesis and spectroscopic study of hexadecaalkyl-substituted rare-earth diphthalocyanines. <i>Russian Chemical Bulletin</i> , 2004, 53, 554-560. | 1.5 | 13 |
| 72 | Temperature dependence of OH diffusion in air and He. <i>Geophysical Research Letters</i> , 2009, 36, . | 4.0 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Polymers as enhancers of photodynamic activity of chlorin photosensitizers for photodynamic therapy. <i>Photonics & Lasers in Medicine</i> , 2013, 2, . | 0.2 | 13 |
| 74 | Microwave phase shifter employing strtio3 ferroelectric varactors. <i>Integrated Ferroelectrics</i> , 1999, 24, 287-295. | 0.7 | 12 |
| 75 | Photodynamic Effect of Deuteroporphyrin IX and Hematoporphyrin Derivatives on Single Neuron. <i>Biochemical and Biophysical Research Communications</i> , 2001, 281, 1194-1199. | 2.1 | 12 |
| 76 | The Kaidun meteorite: Clasts of alkaline-rich fractionated materials. <i>Meteoritics and Planetary Science</i> , 2003, 38, 725-737. | 1.6 | 12 |
| 77 | Distributed two-dimensional boundary-layer receptivity to non-stationary vortical disturbances in the presence of surface roughness. <i>Thermophysics and Aeromechanics</i> , 2006, 13, 183-208. | 0.5 | 12 |
| 78 | Investigation of weakly-nonlinear development of unsteady Görtler vortices. <i>Thermophysics and Aeromechanics</i> , 2010, 17, 455-481. | 0.5 | 12 |
| 79 | One-pot synthesis of pyrroles from ketones, hydroxylamine, and 1,2-dibromoethane in the system KOH-DMSO. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 1775-1778. | 0.8 | 12 |
| 80 | Excitation of unsteady Görtler vortices by localized surface nonuniformities. <i>Theoretical and Computational Fluid Dynamics</i> , 2017, 31, 67-88. | 2.2 | 12 |
| 81 | Experimental and theoretical study of swept-wing boundary-layer instabilities. Three-dimensional Tollmien-Schlichting instability. <i>Physics of Fluids</i> , 2019, 31, 114104. | 4.0 | 12 |
| 82 | Receptivity of boundary layers to three-dimensional disturbances. <i>European Journal of Mechanics, B/Fluids</i> , 2002, 21, 29-48. | 2.5 | 11 |
| 83 | A three-component domino reaction of 2-tetralone, hydroxylamine and acetylene: a one-pot, highly regioselective synthesis of 4,5-dihydrobenz[e]indoles. <i>Tetrahedron Letters</i> , 2010, 51, 1690-1692. | 1.4 | 11 |
| 84 | Is the Kaidun Meteorite a Sample from Phobos?. <i>Solar System Research</i> , 2004, 38, 97-107. | 0.7 | 10 |
| 85 | The (3+2)- and formal (3+3)-cycloadditions of N-vinylpyrroles with cyclic nitrones and C,N-cyclic azomethine imines. <i>Tetrahedron</i> , 2018, 74, 5665-5673. | 1.9 | 10 |
| 86 | Computer Simulation of the Fracture of Two Coupled Anharmonic Chains with a Strong Interaction. <i>Physica Status Solidi A</i> , 1984, 84, 417-422. | 1.7 | 9 |
| 87 | Multielement composition of the aerosols of the forest fires of boreal forests upon burning of forest combustibles. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 470, 444-447. | 1.6 | 9 |
| 88 | Stimulation of the growth of human tumor by low-power laser irradiation. <i>Bulletin of Experimental Biology and Medicine</i> , 2001, 132, 778-779. | 0.8 | 9 |
| 89 | Gyrotropic left-handed media: Energy flux and circular dichroism. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, e67-e69. | 2.3 | 9 |
| 90 | A Straightforward Synthesis of 2-(1-Vinyl-1H-pyrrol-2-yl)-1H-benzimidazoles from 1-Vinyl-1H-pyrrole-2-carbaldehydes and o-Phenylenediamine. <i>Synthesis</i> , 2009, 2009, 3603-3610. | 2.3 | 9 |

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|-----|---|-----|-----------|
| 91 | Hydroxyalkylation of 4,5,6,7-tetrahydroindole with polyfluorocarbonyl compounds as a route to 2-substituted indoles. <i>Tetrahedron Letters</i> , 2011, 52, 5025-5028. | 1.4 | 9 |
| 92 | Composite multifunctional nanoparticles based on silica-coated gold-silver nanocages functionalized by Yb-hematoporphyrin. <i>Nanotechnologies in Russia</i> , 2011, 6, 496-503. | 0.7 | 9 |
| 93 | The Nature of Volatiles in the Lunar Regolith. <i>Solar System Research</i> , 2002, 36, 1-11. | 0.7 | 8 |
| 94 | Efficacy and Safety of Valtropin [®] in the Treatment of Short Stature in Girls with Turner's Syndrome. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2004, 17, 1429-34. | 0.9 | 8 |
| 95 | A peculiar selective rearrangement during the NiS-catalysed dehydrogenation of 4,5-dihydro-1H-benz[g]indole. <i>Mendeleev Communications</i> , 2007, 17, 296-298. | 1.6 | 8 |
| 96 | Synthesis of 1-vinylpyrrole-2-carbonitriles. <i>Tetrahedron Letters</i> , 2009, 50, 97-100. | 1.4 | 8 |
| 97 | Evaluation of Measured Anisotropic Turbulent Two-Point Correlation Data for the Accurate Prediction of the Turbulence Noise Sources. , 2009, , . | | 8 |
| 98 | Astrometric results of observations at Russian observatories of mutual occultations and eclipses of Jupiter's Galilean satellites in 2009. <i>Solar System Research</i> , 2011, 45, 264-277. | 0.7 | 8 |
| 99 | Laminar-turbulent transition delay on a swept wing. <i>AIP Conference Proceedings</i> , 2016, , . | 0.4 | 8 |
| 100 | Microwave properties of ferroelectric (Ba,Sr)TiO ₃ varactors at high microwave power. <i>Integrated Ferroelectrics</i> , 1999, 24, 297-307. | 0.7 | 7 |
| 101 | Electrophysical properties of calcium at high pressures and temperatures. <i>JETP Letters</i> , 2004, 79, 346-351. | 1.4 | 7 |
| 102 | Enstatite aggregates with niningerite, heideite, and oldhamite from the Kaidun carbonaceous chondrite: Relatives of aubrites and EH chondrites?. <i>Meteoritics and Planetary Science</i> , 2004, 39, 53-60. | 1.6 | 7 |
| 103 | Stereospecificity of shielding constants of carbon-13 nuclei in ¹³ C NMR spectra of oximes of heterocyclic aldehydes and alkyl heterocyclic ketones. <i>Chemistry of Heterocyclic Compounds</i> , 2008, 44, 1238-1244. | 1.2 | 7 |
| 104 | 1-Vinylpyrrole-2-carbaldehyde oximes: synthesis, isomerization, and spectral properties. <i>Monatshefte für Chemie</i> , 2009, 140, 1475-1480. | 1.8 | 7 |
| 105 | Depleted uranium hexafluoride – The fluorine source for production of the inorganic and organic compounds. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 122-126. | 1.7 | 7 |
| 106 | Submicromorphology of soil magnetic fractions. <i>Eurasian Soil Science</i> , 2009, 42, 1044-1052. | 1.6 | 7 |
| 107 | Valence state of iron in a condensate from the Luna 16 regolith. <i>Petrology</i> , 2009, 17, 429-438. | 0.9 | 7 |
| 108 | Degree of discrete generation of compact sets. <i>Mathematical Notes</i> , 2010, 87, 367-371. | 0.4 | 7 |

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|-----|--|-----|-----------|
| 109 | Temperature dependence of OH uptake by carbonaceous surfaces of atmospheric importance. Russian Journal of Physical Chemistry B, 2012, 6, 327-332. | 1.3 | 7 |
| 110 | Design and Tests of Wind-Tunnel Sidewalls for Receptivity Experiments on a Swept Wing. Applied Mechanics and Materials, 0, 390, 96-102. | 0.2 | 7 |
| 111 | Microwave properties of YBa ₂ Cu ₃ O _{7-x} /SrTiO ₃ planar capacitors. Integrated Ferroelectrics, 1997, 17, 257-262. | 0.7 | 6 |
| 112 | Synthesis of 4,5-dihydroxyphthalonitrile. Russian Chemical Bulletin, 2001, 50, 919-920. | 1.5 | 6 |
| 113 | Retroviral reporter systems for assessing the activity of stress-inducible signal transduction pathways controlled by the p53, HIF-1, and HSF-1 transcription factors. Molecular Biology, 2005, 39, 253-259. | 1.3 | 6 |
| 114 | The formation of magnetic ferric oxides in soils over underground gas storage reservoirs. Eurasian Soil Science, 2007, 40, 636-648. | 1.6 | 6 |
| 115 | Directed synthesis of semicarbazones, thiosemicarbazones, and guanylylhydrazones of 1-vinylpyrrole-2-carbaldehydes. Chemistry of Heterocyclic Compounds, 2008, 44, 1117-1122. | 1.2 | 6 |
| 116 | Hereditary normality of a space of the form $\hat{\alpha}_{\pm}(X)$. Siberian Mathematical Journal, 2008, 49, 650-659. | 0.6 | 6 |
| 117 | Some results uranium dioxide powder structure investigation. Russian Journal of Non-Ferrous Metals, 2009, 50, 281-285. | 0.6 | 6 |
| 118 | One-pot selective synthesis of n-vinyl-4,5-dihydrobenzo[g]indole from 1-tetralone and acetylene in the system NH ₂ OH·HCl + KOH + DMSO. Chemistry of Heterocyclic Compounds, 2010, 46, 762-764. | 1.2 | 6 |
| 119 | A new technology for the synthesis of 4,5,6,7-tetrahydroindole. Doklady Chemistry, 2010, 435, 307-310. | 0.9 | 6 |
| 120 | Synthesis of Mg ₂ Cu and MgCu ₂ nanoparticles in a KCl-NaCl-MgCl ₂ melt. Inorganic Materials, 2012, 48, 1078-1081. | 0.8 | 6 |
| 121 | Metallation of N-vinylpyrroles and -indoles with Hg(OAc) ₂ : N-vinyl vs. pyrrole nucleophilic sites. Dalton Transactions, 2012, 41, 5512. | 3.3 | 6 |
| 122 | Mechanisms of distributed and localized excitation of unsteady Görtler modes by free-stream vortices. Thermophysics and Aeromechanics, 2014, 21, 663-678. | 0.5 | 6 |
| 123 | Scenarios of Swept-wing Boundary-layer Transition in Presence of Various Kinds of Freestream Turbulence and Surface Roughnesses. Procedia IUTAM, 2015, 14, 283-294. | 1.2 | 6 |
| 124 | Microwave phase shifter with planar capacitors using strontium titanate films. Technical Physics Letters, 1999, 25, 836-837. | 0.7 | 5 |
| 125 | The Protective Role of p53 in Ras-Induced Transformation of REF52 Cells. Molecular Biology, 2003, 37, 392-403. | 1.3 | 5 |
| 126 | Optical Magnus effect in metamaterials fabricated from ferromagnetic microwires. JETP Letters, 2007, 85, 565-569. | 1.4 | 5 |

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|-----|--|-----|-----------|
| 127 | Chemo-, Regio- and Stereospecific Synthesis of Unnatural, Fluorescent Amino Acids by Condensation of L-Lysine and 1-Vinylpyrrole-2-carbaldehydes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4554-4558. | 2.4 | 5 |
| 128 | Geochemical diversity of meteorite minerals: Systematics and nomenclature of phosphides and silicides. <i>Geochemistry International</i> , 2010, 48, 808-814. | 0.7 | 5 |
| 129 | Mössbauer analysis of iron compounds in the Earth's soils and some soil from mars. <i>Doklady Earth Sciences</i> , 2011, 441, 1526-1528. | 0.7 | 5 |
| 130 | Ambient access to a new family of pyrrole-fused pyrazine nitrones via 2-carbonyl-N-allenylpyrroles. <i>Organic Chemistry Frontiers</i> , 2020, 7, 4019-4025. | 4.5 | 5 |
| 131 | Pyrrole-Aminopyrimidine Ensembles: Cycloaddition of Guanidine to Acylethynylpyrroles. <i>Molecules</i> , 2021, 26, 1692. | 3.8 | 5 |
| 132 | A space of complete linked systems. <i>Siberian Mathematical Journal</i> , 1987, 27, 863-875. | 0.6 | 4 |
| 133 | Expanding application of cryogenic void fraction sensors. <i>Cryogenics</i> , 1993, 33, 828-832. | 1.7 | 4 |
| 134 | Experimental investigation of 3D acoustic receptivity of an airfoil boundary layer due to surface vibrations. <i>European Journal of Mechanics, B/Fluids</i> , 2005, 24, 621-641. | 2.5 | 4 |
| 135 | First recorded find of ordinary chondrite material in the Kaidun meteorite. <i>Solar System Research</i> , 2005, 39, 150-156. | 0.7 | 4 |
| 136 | Power Handling Capability of Ferroelectric Film Varactors and Tunable Microwave Devices. , 2006, , . | | 4 |
| 137 | Intermediate dimensions of products. <i>Topology and Its Applications</i> , 2006, 153, 3265-3276. | 0.4 | 4 |
| 138 | Concentrically zonal textures in a sample of the Kaidun meteorite. <i>Geochemistry International</i> , 2007, 45, 957-970. | 0.7 | 4 |
| 139 | Electron work function of intermetallic compounds in the cerium-cobalt system. <i>Technical Physics</i> , 2011, 56, 1216-1218. | 0.7 | 4 |
| 140 | Sintering particulars of pelletized oxide nuclear fuel. <i>Atomic Energy</i> , 2011, 110, 172-177. | 0.4 | 4 |
| 141 | Reaction of 1-vinylpyrrole-2-carbaldehydes with phosphorus pentachloride: a stereoselective synthesis of E-2-(2-dichloromethylpyrrol-1-yl)vinylphosphonyl dichlorides. <i>Tetrahedron Letters</i> , 2011, 52, 1317-1319. | 1.4 | 4 |
| 142 | Experimental study on the release of Cl ₂ from NaCl upon OH radical uptake. <i>Microchemical Journal</i> , 2013, 110, 695-701. | 4.5 | 4 |
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