# Valerij Kuznetsov

List of Publications by Year
in descending order

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Version: 2024-02-01

| 102 | 411 | 840776 | 996975 |
|---|---|---|---|
| papers | citations | 11 h-index | 15 g-index |

| 103 | 103 | 103 | 86 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 1,3-Dioxane inside fullerenes: the innovative conformational behavior of usual cyclic system. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 196-201. | 2.1 | 0 |
| 2 | Conformational Analysis of 2-Isopropyl-5-methoxy-5-methyl-1,3,2-dioxaborinane in Chloroform Solution: Effect of â€œMagicâ€•Solvent Molecule. Russian Journal of Organic Chemistry, 2021, 57, 20-24. | 0.8 | 2 |
| 3 | Synthesis, Structure, and Conformational Analysis of N-(2,4-Dichlorophenyl)-2-[6-methyl-2,4-dioxo-3-(thietan-3-yl)-1,2,3,4-tetrahydropyrimidine-1-yl]acetamide. Russian Journal of General Chemistry, 2021, 91, 785-791. | 0.8 | 2 |
| 4 | Structure and Conformational Analysis of 5,5-Bis(bromomethyl)-2-[4-(dimethylamino)phenyl]-1,3-dioxane. Russian Journal of Organic Chemistry, 2021, 57, 1268-1274. | 0.8 | 1 |
| 5 | Structure and Conformational Analysis of 5-Methyl-2,2-diphenyl-1,3-dioxane. Russian Journal of Organic Chemistry, 2020, 56, 1764-1769. | 0.8 | 1 |
| 6 | Stereochemistry of Simple Molecules inside Nanotubes and Fullerenes: Unusual Behavior of Usual Systems. Molecules, 2020, 25, 2437. | 3.8 | 15 |
| 7 | Structure and Conformational Analysis of 5,5-Bis(bromomethyl)-2,2-diphenyl-1,3-dioxane. Russian Journal of Organic Chemistry, 2020, 56, 1-6. | 0.8 | 8 |
| 8 | Relative Stability of Digermane Conformers in Nanotubes. Russian Journal of General Chemistry, 2020, 90, 93-98. | 0.8 | 1 |
| 9 | Conformational Properties of Ethane and Its Analogs in Nanotubes. Russian Journal of General Chemistry, 2019, 89, 1271-1278. | 0.8 | 5 |
| 10 | Influence of Nanotubes on the Relative Stability of Orthogonal Form of Dialane. Russian Journal of General Chemistry, 2019, 89, 1792-1799. | 0.8 | 1 |
| 11 | Conformational Analysis of 5-Ethyl-5-hydroxymethyl-2,2-dimethyl-1,3-dioxane. Russian Journal of Organic Chemistry, 2019, 55, 502-507. | 0.8 | 9 |
| 12 | Structure and Conformational Analysis of 5,5-Bis(bromomethyl)-2-methyl-2-phenyl-1,3-dioxane. Russian Journal of General Chemistry, 2019, 89, 199-203. | 0.8 | 2 |
| 13 | Effect of Chemical Composition of Fullerenes on the Structure and Internal Rotation Barrier of Encapsulated Ammonia Borane Molecule. Russian Journal of General Chemistry, 2019, 89, 2229-2234. | 0.8 | 2 |
| 14 | Structure and Conformational Analysis of 5,5-Bis(bromomethyl)-2-phenyl-1,3-dioxane. Russian Journal of General Chemistry, 2018, 88, 397-402. | 0.8 | 4 |
| 15 | Conformational Analysis of 5-Methyl-1,3-oxathiane. Russian Journal of Organic Chemistry, 2018, 54, 1819-1824. | 0.8 | 0 |
| 16 | Simulation of Pyramidal Inversion of Nitrogen in Tetrahydro-1,3-Oxazines in Polar Medium. Journal of Structural Chemistry, 2018, 59, 1374-1380. | 1.0 | 7 |
| 17 | Ammonia Borane in Nanotubes: The Preference of Eclipsed Conformation. Russian Journal of Inorganic Chemistry, 2018, 63, 1069-1075. | 1.3 | 2 |
| 18 | Structure and Conformational Analysis of 5,5-Bis(bromomethyl)-2-(4-methoxyphenyl)-1,3-dioxane. Russian Journal of Organic Chemistry, 2018, 54, 1076-1079. | 0.8 | 4 |

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|---|---|---|---|
| 19 | Recognition of R- and S-Isomers of Î±-Alanine by Chiral Nanotubes. Russian Journal of General Chemistry, 2018, 88, 930-934. | 0.8 | 1 |
| 20 | Direction of the Reaction of 6-Methylpyrimidine-2,4(1H,3H)-dione with 2-Chloromethylthiirane: N1- or N3-Thietanyl Derivative?. Russian Journal of Organic Chemistry, 2018, 54, 918-922. | 0.8 | 3 |
| 21 | The Influence of Chemical Composition of Fullerenes on the Structural Features and Conformational Preference of Encapsulated Disilane Molecule. Russian Journal of Inorganic Chemistry, 2018, 63, 917-922. | 1.3 | 3 |
| 22 | Conformational Analysis of Fluoroethane in Nanotubes. Russian Journal of Organic Chemistry, 2018, 54, 644-651. | 0.8 | 4 |
| 23 | Structure and conformational analysis of 2-hydroxy-5-isobutyl-1,3,2-dioxaborinane. Russian Journal of General Chemistry, 2017, 87, 44-49. | 0.8 | 0 |
| 24 | 1,1,1-Trifluoroethane encapsulated in fullerenes: Structural and conformational features. Russian Journal of Organic Chemistry, 2017, 53, 449-453. | 0.8 | 0 |
| 25 | Hexahydropyrimidin-2-one in nanotubes: Structural changes and conformational preferences. Russian Journal of General Chemistry, 2017, 87, 1461-1465. | 0.8 | 2 |
| 26 | Conformational transformations and autooxidation of 5-bromo-2-(2-methylpropyl)-5-nitro-1,3,2-dioxaborinane. Russian Journal of Organic Chemistry, 2017, 53, 926-931. | 0.8 | 0 |
| 27 | Conformational analysis of 2-isopropyl-5-methyl-5-methoxymethyl-1,3,2-dioxaborinane. Russian Journal of Organic Chemistry, 2017, 53, 1678-1681. | 0.8 | 1 |
| 28 | Cyclohexane in nanotubes: Direct chairâ€“chair interconversion. Russian Journal of General Chemistry, 2017, 87, 2558-2562. | 0.8 | 1 |
| 29 | Dimethyl ether in nanotubes: Structural variations and conformational preferences. Russian Journal of Organic Chemistry, 2016, 52, 1835-1841. | 0.8 | 0 |
| 30 | Conformational analysis of 1,3-dioxane in nanotubes. Russian Journal of Organic Chemistry, 2016, 52, 1686-1691. | 0.8 | 6 |
| 31 | The influence of carbon nanotubes on the relative stability of diborane molecular forms. Russian Journal of General Chemistry, 2016, 86, 231-240. | 0.8 | 2 |
| 32 | Comparative conformational analysis of 2,2-dimethyl and 2,2,5-trimethyl-1,3-dioxanes and their 2-heteroanalogs with silicon and germanium atoms. Russian Journal of General Chemistry, 2016, 86, 321-325. | 0.8 | 2 |
| 33 | Relative stability of 5-methyl- and 3,5-dimethyltetrahydro-1,3-oxazine conformers. Russian Journal of Organic Chemistry, 2016, 52, 409-413. | 0.8 | 1 |
| 34 | 1,3-Dioxa-2-silacyclohexane in nanotubes: Conformational transformations and structural features. Russian Journal of General Chemistry, 2016, 86, 1300-1305. | 0.8 | 5 |
| 35 | Fullerene Si20: Influence on the conformational behavior of encapsulated ethane molecule. Russian Journal of General Chemistry, 2016, 86, 1444-1446. | 0.8 | 2 |
| 36 | Hydrazine: Structural features and conformational preference in nanotubes. Russian Journal of General Chemistry, 2016, 86, 2000-2007. | 0.8 | 5 |

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| 37 | The effect of chemical composition of the fullerene on the conformational preference of the encapsulated hexafluoroethane molecule. Russian Journal of General Chemistry, 2016, 86, 1108-1114. | 0.8 | 2 |
| 38 | Conformational analysis of 5-bromo-5-nitro-1,3-dioxane. Russian Journal of General Chemistry, 2016, 86, 46-50. | 0.8 | 0 |
| 39 | Molecular structure and conformational preference of 2-methyl-5-nitro-5-bromo-1,3,2-dioxaborinane and its complex with pyridine. Journal of Structural Chemistry, 2015, 56, 1360-1366. | 1.0 | 1 |
| 40 | Recognition of the R- and S-isomers of 1-fluoroethanol by a chiral nanotube. Russian Journal of General Chemistry, 2015, 85, 2813-2815. | 0.8 | 2 |
| 41 | Conformational behavior of 1,3,2-dioxaborinane molecule encapsulated in fullerenes. Russian Journal of General Chemistry, 2015, 85, 198-199. | 0.8 | 5 |
| 42 | Nanotube effect on conformation of encapsulated disilane molecule. Russian Journal of General Chemistry, 2015, 85, 1989-1991. | 0.8 | 6 |
| 43 | Conformational behavior of 1,1,1-trifluoroethane in nanotubes. Russian Journal of Organic Chemistry, 2014, 50, 1534-1539. | 0.8 | 13 |
| 44 | Computer simulation of conformational transformations of 1,3-dioxanes and their 2-sila and 2-bora analogs. Russian Journal of Organic Chemistry, 2014, 50, 1227-1246. | 0.8 | 23 |
| 45 | Conformation of hydroxyborane encapsulated within nanotubes. Russian Journal of General Chemistry, 2014, 84, 157-159. | 0.8 | 4 |
| 46 | Theoretical estimation of conformational preference of piperidine molecule encapsulated in a nanotube. Russian Journal of Organic Chemistry, 2014, 50, 143-144. | 0.8 | 1 |
| 47 | Conformation of 2,2-dimethylpropane encapsulated in fullerenes. Russian Journal of Organic Chemistry, 2014, 50, 921-922. | 0.8 | 1 |
| 48 | Conformational behavior of methanethiol in fullerenes. Russian Journal of Organic Chemistry, 2014, 50, 1073-1074. | 0.8 | 1 |
| 49 | Conformational analysis of 3-methyltetrahydro-1,3-oxazine. Russian Journal of General Chemistry, 2014, 84, 1924-1929. | 0.8 | 4 |
| 50 | Conformational preferences of 2,2-dimethylpropane in nanotubes. Russian Journal of General Chemistry, 2014, 84, 433-438. | 0.8 | 2 |
| 51 | Conformational preference of perhydro-1,3,2-dioxazine inside nanotubes. Russian Journal of General Chemistry, 2014, 84, 525-530. | 0.8 | 3 |
| 52 | Conformational preference of hexafluoroethane molecule encapsulated in fullerenes. Russian Journal of Organic Chemistry, 2014, 50, 456-457. | 0.8 | 7 |
| 53 | Conformational analysis of 5,5-dinitro-1,3-dioxane. Russian Journal of Organic Chemistry, 2014, 50, 725-728. | 0.8 | 3 |
| 54 | Conformational behavior of methanol in a nanotube. Russian Journal of Organic Chemistry, 2014, 50, 765-766. | 0.8 | 6 |

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| 55 | Theoretical evaluation of conformational preference of the ethane molecule in fullerene C60. Russian Journal of General Chemistry, 2013, 83, 1163-1164. | 0.8 | 14 |
| 56 | Theoretical evaluation of conformational preference of the propane molecule in nanotubes. Russian Journal of General Chemistry, 2013, 83, 1165-1166. | 0.8 | 13 |
| 57 | Conformational transformations of 1,3-diselenane. Russian Journal of General Chemistry, 2013, 83, 1002-1003. | 0.8 | 1 |
| 58 | Theoretical evaluation of relative stability of diazadifluoride isomers in nanotubes. Russian Journal of General Chemistry, 2013, 83, 140-142. | 0.8 | 8 |
| 59 | Theoretical estimation of the stability of cis- and trans-difluoroethylene in nanotubes. Russian Journal of Organic Chemistry, 2013, 49, 765-767. | 0.8 | 3 |
| 60 | Conformational analysis of stereoisomers of 2,4-dimethyl-5-isopropyl-1,3,2-dioxaborinane. Russian Journal of Organic Chemistry, 2013, 49, 298-302. | 0.8 | 4 |
| 61 | Theoretical evaluation of conformational preference of ethane molecule encapsulated in a nanotube. Russian Journal of Organic Chemistry, 2013, 49, 313-314. | 0.8 | 22 |
| 62 | Influence of the nanotube type on the conformational behavior of encapsulated ethane molecule. Russian Journal of General Chemistry, 2013, 83, 2334-2336. | 0.8 | 16 |
| 63 | Conformational preference of the hexachloroethane molecule in fullerene C80. Russian Journal of General Chemistry, 2013, 83, 1790-1791. | 0.8 | 5 |
| 64 | Theoretical estimation of the barrier to pyramidal inversion of ammonia and trimethylamine encapsulated in fullerenes. Russian Journal of Organic Chemistry, 2013, 49, 1845-1847. | 0.8 | 5 |
| 65 | Conformational behavior of ethane molecule encapsulated in a nanotube. Russian Journal of Organic Chemistry, 2013, 49, 1231-1235. | 0.8 | 20 |
| 66 | Theoretical evaluation of conformational preference of the 2,2,3,3-tetramethylbutane molecule in nanotubes. Russian Journal of General Chemistry, 2013, 83, 1455-1456. | 0.8 | 9 |
| 67 | Theoretical evaluation of inversion barier of trimethylamine in nanotubes. Russian Journal of General Chemistry, 2013, 83, 1453-1454. | 0.8 | 1 |
| 68 | Theoretical evaluation of conformational preference of the hexafluoroethane molecule in nanotubes. Russian Journal of General Chemistry, 2013, 83, 1623-1625. | 0.8 | 12 |
| 69 | Synthesis of thietanyl-substituted pyrimidine-2,4(1H,3H)-dions. Russian Journal of Organic Chemistry, 2013, 49, 743-745. | 0.8 | 14 |
| 70 | Conformational analysis of 2,5-dimethyl-2-bora-1,3-diheterocyclohexanes with oxygen, nitrogen, and sulfur atoms in the ring. Russian Journal of Organic Chemistry, 2012, 48, 753-754. | 0.8 | 1 |
| 71 | Conformational analysis of 2,2-dimethyl-5-alkyl-1,3-dioxa-2-silacyclohexanes. Russian Journal of General Chemistry, 2012, 82, 1509-1512. | 0.8 | 2 |
| 72 | Relative stability and conformations of protonated forms of tetrahydro-1,3-oxazine. Russian Journal of Organic Chemistry, 2012, 48, 620-621. | 0.8 | 0 |

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| 73 | Comparative basicity of 1,3,2-oxazaborinanes and tetrahydro-1,3-oxazines. Russian Journal of General Chemistry, 2012, 82, 779-780. | 0.8 | 0 |
| 74 | Conformational conversions in perhydro-1,3,5-dithiazine. Russian Journal of General Chemistry, 2012, 82, 517-518. | 0.8 | 1 |
| 75 | Conformational transformations of perhydro-1,3,2-dioxazine. Russian Journal of General Chemistry, 2012, 82, 783-784. | 0.8 | 3 |
| 76 | Conformational analysis of 5-methyl- and 2,2,5-trimethyl-1,3-dithianes. Russian Journal of General Chemistry, 2012, 82, 864-868. | 0.8 | 0 |
| 77 | Conformational analysis of 1,3-oxathiane. Russian Journal of General Chemistry, 2012, 82, 869-873. | 0.8 | 2 |
| 78 | Conformational analysis of perhydro-1,3,5-dioxazine. Russian Journal of Organic Chemistry, 2012, 48, 875-876. | 0.8 | 1 |
| 79 | Reactions of cyclic boric acids esters with paraformaldehyde. Russian Journal of General Chemistry, 2011, 81, 542-544. | 0.8 | 5 |
| 80 | Conformational analysis of 2-methyl-1,3,2-dithiaborinane sulfonium ions. Russian Journal of Organic Chemistry, 2011, 47, 791-792. | 0.8 | 0 |
| 81 | Conformational analysis of 2-methyl-1,3,2-oxaza- and 2-methyl-1,3,2-oxathiaborinane associates with water molecule. Russian Journal of Organic Chemistry, 2011, 47, 1380-1384. | 0.8 | 0 |
| 82 | Conformational analysis of hexahydropyrimidine-2-thione, its ammonium and sulfonium ions. Russian Journal of Organic Chemistry, 2011, 47, 1783-1785. | 0.8 | 0 |
| 83 | Unusual conformational isomerization of 2,2-dimethyl-1,3-dioxa-2-germacyclohexane. Chemistry of Heterocyclic Compounds, 2011, 47, 117-118. | 1.2 | 2 |
| 84 | Conformational properties of oxonium and sulfonium ions of 1,3-oxathiane. Chemistry of Heterocyclic Compounds, 2011, 47, 255-257. | 1.2 | 0 |
| 85 | Relative stability of the complexes of 2-methyl-1,3,2-dioxaborinane with aldehydes and acetone. Chemistry of Heterocyclic Compounds, 2011, 47, 258-259. | 1.2 | 1 |
| 86 | Theoretical estimation of the relative stability of tetrahydro-1,3-oxazine associates with water molecule. Chemistry of Heterocyclic Compounds, 2011, 47, 521-523. | 1.2 | 1 |
| 87 | Conformational behavior of hexahydropyrimidin-2-one and its ammonium and oxonium ions. Chemistry of Heterocyclic Compounds, 2011, 47, 651-653. | 1.2 | 2 |
| 88 | Unusual conformational isomerization of oxygen-containing silacyclohexanes. Russian Journal of Organic Chemistry, 2010, 46, 945-946. | 0.8 | 4 |
| 89 | Theoretical evaluation of the geometry and conformational properties of oxonium and ammonium ions of tetra- hydro-1,3-oxazine. Chemistry of Heterocyclic Compounds, 2010, 46, 129-130. | 1.2 | 0 |
| 90 | Configurational and conformational properties of the complex of 2,5-dimethyl- 1,3,2-dioxaborinane with hydroxyl anion. Chemistry of Heterocyclic Compounds, 2010, 46, 367-369. | 1.2 | 2 |

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| 91 | Conformational analysis of 2,4-dialkyl-1,3,2-dioxaborinanes. Chemistry of Heterocyclic Compounds, 2010, 46, 1006-1010. | 1.2 | 2 |
| 92 | Conformational isomerism of 3-isopropyl-1,3-dioxane. Chemistry of Heterocyclic Compounds, 2009, 45, 111-112. | 1.2 | 1 |
| 93 | Conformational isomerization of 4-methyl-1,3-dioxane. Chemistry of Heterocyclic Compounds, 2009, 45, 536-538. | 1.2 | 1 |
| 94 | Routes of conformational isomerization of 4-substituted 1,3,2-dioxaborinanes. Chemistry of Heterocyclic Compounds, 2009, 45, 742-744. | 1.2 | 1 |
| 95 | Theoretical estimation of the enthalpy of formation of complexes of cyclic esters of methylboric acid with the hydroxyl anion. Chemistry of Heterocyclic Compounds, 2009, 45, 886-887. | 1.2 | 1 |
| 96 | Nonempirical study of 2-methyl- 1,3,2-dioxaborinaneâ€“methanol complexes. Chemistry of Heterocyclic Compounds, 2009, 45, 1004-1008. | 1.2 | 2 |
| 97 | Theoretical barriers to the internal rotation of a nitro group in 2-methyl-5-nitro-1,3,2-dioxaborinane. Chemistry of Heterocyclic Compounds, 2008, 44, 1300-1301. | 1.2 | 2 |
| 98 | Simulation of potential energy surface of 2-methyl-1,3,2-dioxaborinane and its oxonium ion. Russian Journal of Organic Chemistry, 2008, 44, 778-779. | 0.8 | 4 |
| 99 | Computer modelling of the conformational equilibrium of 2-and 2,5,5-substituted 1,3,2-dioxaborinanes. Chemistry of Heterocyclic Compounds, 2007, 43, 1577-1581. | 1.2 | 5 |
| 100 | Simulation of the potential energy surface of 2-methyl-1,3-dioxane. Russian Journal of Organic Chemistry, 2006, 42, 612-614. | 0.8 | 6 |
| 101 | Borylation of saturated heterocycles with several heteroatoms. (Review). Chemistry of Heterocyclic Compounds, 2006, 42, 559-569. | 1.2 | 10 |
| 102 | Reactions of 1,3-dioxacycloalkanes and their 2-arsena, 2-bora, 2-germa, 2-sila, and 2-thia analogs with nitriles. Russian Chemical Bulletin, 2005, 54, 1543-1551. | 1.5 | 14 |