

# Sergey P Gromov

## List of Publications by Year in descending order

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333  
papers

4,054  
citations

159525

30  
h-index

223716

46  
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341  
all docs

341  
docs citations

341  
times ranked

2005  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Photoswitchable molecular receptors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 158, 183-198.   | 2.0 | 153       |
| 2  | Pyridine ring nucleophilic recyclizations. <i>Tetrahedron</i> , 1981, 37, 3423-3454.  | 1.0 | 123       |
| 3  | Functional supramolecular systems: design and applications. <i>Russian Chemical Reviews</i> , 2021, 90, 895-1107.   | 2.5 | 93        |
| 4  | Design principles for optical molecular sensors and photocontrolled receptors based on crown ethers. <i>Russian Chemical Reviews</i> , 2008, 77, 39-58.   | 2.5 | 88        |
| 5  | Modern Trends of Organic Chemistry in Russian Universities. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 157-371.  | 0.3 | 68        |
| 6  | Sandwich-Type Complexes of Alkaline-Earth Metal Cations with a Bisstyryl Dye Containing Two Crown Ether Units. <i>Journal of Physical Chemistry A</i> , 1999, 103, 11188-11193.   | 1.1 | 65        |
| 7  | Dependence of metal ion complexation and intermolecular aggregation on photoinduced geometric isomerism in a crown ether styryl dye. <i>Journal of the American Chemical Society</i> , 1992, 114, 6381-6385.  | 6.6 | 64        |
| 8  | Photocontrolled Molecular Assembler Based on Cucurbit[8]uril: [2+2]-Autophotocycloaddition of Styryl Dyes in the Solid State and in Water. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2587-2599.  | 1.2 | 63        |
| 9  | Ultrafast excited state dynamics of the bi- and termolecular stilbene-viologen charge-transfer complexes assembled via host-guest interactions. <i>Chemical Physics</i> , 2004, 298, 251-261.   | 0.9 | 62        |
| 10 | Structure and ion-complexing properties of an aza-15-crown-5 ether dye: synthesis, crystallography, NMR spectroscopy, spectrophotometry and potentiometry. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 2249-2256.   | 0.9 | 61        |
| 11 | Synthesis, Structure, and Ion Selective Complexation of Trans and Cis Isomers of Photochromic Dithia-18-crown-6 Ethers. <i>Journal of the American Chemical Society</i> , 1999, 121, 4992-5000.   | 6.6 | 52        |
| 12 | Thiacrown Ether Substituted Styryl Dyes: Synthesis, Complex Formation and Multiphotochromic Properties. <i>Journal of Physical Chemistry A</i> , 2002, 106, 6213-6222.  | 1.1 | 51        |
| 13 | Carboxylic Groups as Cofactors in the Lanthanide-Catalyzed Hydrolysis of Phosphate Esters. Stabilities of Europium(III) Complexes with Aza-benzo-15-crown-5 Ether Derivatives and Their Catalytic Activity vs Bis(p-nitrophenyl)phosphate and DNA. <i>Organic Letters</i> , 1999, 1, 833-835. | 2.4 | 49        |
| 14 | The 1:1 Host-Guest Complexation between Cucurbit[7]uril and Styryl Dye. <i>Journal of Physical Chemistry A</i> , 2011, 115, 4505-4510.  | 1.1 | 48        |
| 15 | Supramolecular organic photochemistry of crown-ether-containing styryl dyes. <i>Russian Chemical Bulletin</i> , 1997, 46, 611-636.  | 0.4 | 47        |
| 16 | A Novel Optical Sensor for Metal Ions Based on Ground-State Intermolecular Charge-Transfer Complexation. <i>Organic Letters</i> , 1999, 1, 1697-1699.   | 2.4 | 47        |
| 17 | Novel Photoswitchable Receptors: Synthesis and Cation-Induced Self-Assembly into Dimeric Complexes Leading to Stereospecific [2+2]-Photocycloaddition of Styryl Dyes Containing a 15-Crown-5 Ether Unit. <i>Journal of Organic Chemistry</i> , 2003, 68, 6115-6125.                           | 1.7 | 45        |
| 18 | The effect of cucurbit[7]uril on photophysical properties of aqueous solution of 3,3'-diethylthiacarbocyanine iodide dye. <i>Chemical Physics Letters</i> , 2009, 480, 96-99.   | 1.2 | 45        |

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|----|---|-----|-----------|
| 19 | Controlled self-assembly of bis(crown)stilbenes into unusual bis-sandwich complexes: structure and stereoselective [2+2] photocycloaddition. <i>New Journal of Chemistry</i> , 2011, 35, 724.   | 1.4 | 45        |
| 20 | Molecular design, photoisomerization and complexation of crown ether styryl dyes. <i>Chemical Physics Letters</i> , 1991, 185, 455-460.   | 1.2 | 44        |
| 21 | Ditopic complex formation of the crown-containing 2-styrylbenzothiazole. <i>New Journal of Chemistry</i> , 2003, 27, 280-288.   | 1.4 | 44        |
| 22 | Novel supramolecular charge-transfer systems based on bis(18-crown-6)stilbene and viologen analogues bearing two ammonioalkyl groups. <i>New Journal of Chemistry</i> , 2005, 29, 881.  | 1.4 | 42        |
| 23 | Synthesis, Structure, Spectroscopic Studies, and Complexation of Novel Crown Ether Butadienyl Dyes. <i>Helvetica Chimica Acta</i> , 2002, 85, 60-81.  | 1.0 | 40        |
| 24 | Photoswitchable molecular pincers: synthesis, self-assembly into sandwich complexes and ion-selective intramolecular [2+2]-photocycloaddition of an unsaturated bis-15-crown-5 ether. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1323-1330.  | 0.9 | 37        |
| 25 | 4-Styrylquinolines: synthesis and study of [2 + 2]-photocycloaddition reactions in thin films and single crystals. <i>New Journal of Chemistry</i> , 2007, 31, 980-994.   | 1.4 | 37        |
| 26 | Self-Organization of Highly Stable Electron Donor-Acceptor Complexes via Host-Guest Interactions. <i>Journal of Physical Chemistry A</i> , 2002, 106, 2020-2023.  | 1.1 | 35        |
| 27 | Supramolecular assemblies of photochromic benzodithia-18-crown-6 ethers in crystals, solutions, and monolayers. Electronic supplementary information (ESI) available: crystal data, data collection, and structure solution and refinement parameters. See <a href="http://www.rsc.org/suppdata/nj/b1/b110630a/">http://www.rsc.org/suppdata/nj/b1/b110630a/</a> . <i>New Journal of Chemistry</i> , 2002, 26, 543-553. | 1.4 | 34        |
| 28 | Photoinduced and dark complexation of unsaturated viologen analogues containing two ammonium tails with cucurbit[8]uril. <i>New Journal of Chemistry</i> , 2006, 30, 458.   | 1.4 | 34        |
| 29 | Styryl dyes. Synthesis and study of the solid-state [2+2] autophotocycloaddition by NMR spectroscopy and X-ray diffraction. <i>Russian Chemical Bulletin</i> , 2007, 56, 1860-1883.   | 0.4 | 33        |
| 30 | Synthesis and spectroscopic studies of novel photochromic benzodithiacrown ethers and their complexes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 1441.  | 0.9 | 32        |
| 31 | Molecular simulation of the complexation effects on conformations and electronic absorption spectra of crown ether styryl dyes. <i>Journal of Molecular Structure</i> , 1992, 274, 93-104.  | 1.8 | 30        |
| 32 | Novel azacrown ether-containing spiro[indoline-2,3-naphthoxazines]: design, synthesis and cation-dependent photochromism. <i>Perkin Transactions II RSC</i> , 2000, , 563-570.  | 1.1 | 28        |
| 33 | Molecular mecano for light-sensitive and light-emitting nanosized systems based on unsaturated and macrocyclic compounds. <i>Russian Chemical Bulletin</i> , 2008, 57, 1325-1350.   | 0.4 | 28        |
| 34 | Supramolecular methods for controlling intermolecular [2+2] photocycloaddition reactions of unsaturated compounds in solutions. <i>Russian Chemical Reviews</i> , 2015, 84, 787-802.  | 2.5 | 28        |
| 35 | Crown-containing styryl dyes: cation-induced self-assembly of multiphotochromic 15-crown-5 ethers into photoswitchable molecular devices. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 601-608.  | 0.9 | 27        |
| 36 | Effect of metal cations on the photochromic properties of spironaphthoxazines conjugated with aza-15(18)-crown-5(6) ethers. <i>New Journal of Chemistry</i> , 2002, 26, 1137-1145.  | 1.4 | 27        |

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|----|--|-----|-----------|
| 37 | Synthesis, photochromic behaviour and light-controlled complexation of 3,3-diphenyl-3H-benzo[f]chromenes containing a dimethylamino group or an aza-15-crown-5 ether unit. <i>New Journal of Chemistry</i> , 2003, 27, 1720.                     | 1.4 | 27        |
| 38 | Synthesis and Structure of Bis-crown-Containing Stilbenes. <i>Russian Journal of Organic Chemistry</i> , 2005, 41, 843-854.  | 0.3 | 26        |
| 39 | Excited state relaxation processes of crowned styryl dyes and their metal complexes. <i>Journal of Chemical Sciences</i> , 1995, 107, 721-727.   | 0.7 | 26        |
| 40 | Photochemical Electrocyclization of the Indolinylphenylethenes Involving a C-N Bond Formation. <i>Organic Letters</i> , 2003, 5, 4533-4535.  | 2.4 | 25        |
| 41 | Molecular Organization of an Amphiphilic Styryl Pyridinium Dye in Monolayers at the Air/Water Interface in the Presence of Various Anions. <i>Langmuir</i> , 2006, 22, 1571-1579.  | 1.6 | 25        |
| 42 | Synthesis, Structure, and Properties of Supramolecular Charge-Transfer Complexes between Bis(18-crown-6)stilbene and Ammonioalkyl Derivatives of 4,4'-Bipyridine and 2,7-Diazapyrene. <i>Journal of Organic Chemistry</i> , 2011, 76, 6768-6779. | 1.7 | 25        |
| 43 | Crown Ether Based Optical Molecular Sensors and Photocontrolled Ionophores. <i>Macrocyclics</i> , 2010, 3, 189-200.  | 0.9 | 25        |
| 44 | Surface-Enhanced Resonance Raman Spectra of Photochromic Crown Ether Styryl Dyes, Their Model Chromophores, and Their Complexes with Mg <sup>2+</sup> . <i>The Journal of Physical Chemistry</i> , 1996, 100, 2154-2160.                         | 2.9 | 24        |
| 45 | Synthesis, Structure, and Properties of Supramolecular Photoswitches Based on Ammonioalkyl Derivatives of Crown Ether Styryl Dyes. <i>Journal of Organic Chemistry</i> , 2014, 79, 11416-11430.  | 1.7 | 24        |
| 46 | Alkylamino group exchange upon recyclization of pyridinium salts into anilines. <i>Tetrahedron</i> , 1978, 34, 2213-2216.  | 1.0 | 23        |
| 47 | Photocontrol of Ca <sup>2+</sup> complexation with an azacrown-containing benzochromene. <i>Journal of Physical Organic Chemistry</i> , 2003, 16, 306-309.   | 0.9 | 23        |
| 48 | Macrocyclic Complexes of Palladium(II) with Benzothiacrown Ethers: Synthesis, Characterization, and Structure of <i>cis</i> and <i>trans</i> Isomers. <i>Inorganic Chemistry</i> , 2011, 50, 7500-7510.  | 1.9 | 23        |
| 49 | Ring Transformation of Pyridines and Benzo Derivatives under the Action of C-Nucleophiles. <i>Heterocycles</i> , 2000, 53, 1607.   | 0.4 | 22        |
| 50 | Crown-containing styryl dyes. <i>Russian Chemical Bulletin</i> , 1993, 42, 1385-1389.  | 0.4 | 21        |
| 51 | Diammonium cation-induced self-assembly into a pseudocyclic complex leading to the stereospecific [2+2]-photocycloaddition of a crown-containing bis(styryl) dye. <i>Mendeleev Communications</i> , 2005, 15, 173-175.                           | 0.6 | 21        |
| 52 | Stereospecific solid-state [2+2] autophotocycloaddition of a styryl dye containing a 18-crown-6 fragment. <i>Russian Chemical Bulletin</i> , 2005, 54, 1954-1966.  | 0.4 | 21        |
| 53 | Monolayers of the photosensitive benzodithia-15-crown-5 derivative. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 171, 283-290.  | 2.3 | 20        |
| 54 | Novel Promising Benzoazacrown Ethers as a Result of Ring Transformation of Benzocrown Ethers: Synthesis, Structure, and Complexation with Ca <sup>2+</sup> . <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3189-3199.               | 1.2 | 20        |

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|----|--|-----|-----------|
| 55 | From polymeric nanoparticles to dye-containing photonic crystals: synthesis, self-assembling, optical features, and possible applications. <i>Polymers for Advanced Technologies</i> , 2009, 20, 581-588.                                      | 1.6 | 20        |
| 56 | A Raman spectroscopic study of indolinium styryl dyes. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1992, 48, 931-937.  | 0.1 | 19        |
| 57 | Photosensitive molecular tweezers 3. Synthesis and homoditopic complex formation of a bisstyryl dye containing two crown-ether fragments with diammonium salts. <i>Russian Chemical Bulletin</i> , 2005, 54, 666-672.                          | 0.4 | 19        |
| 58 | Synthesis, Structure, and Characterization of Chromo(fluoro)ionophores with Cation-Triggered Emission Based on <i>N</i> -Methylaza-Crown-Ether Styryl Dyes. <i>Journal of Organic Chemistry</i> , 2013, 78, 9834-9847.                         | 1.7 | 19        |
| 59 | Photochromic crown ether complexes: A Raman spectroscopic study. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1992, 48, 799-809.  | 0.1 | 18        |
| 60 | Enamine Rearrangement. <i>Heterocycles</i> , 1994, 38, 1127.   | 0.4 | 18        |
| 61 | Monolayers of an amphiphilic crown-ether styryl dye. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 131, 325-332.   | 2.3 | 18        |
| 62 | Fluorescence of Crowned Butadienyl Dye and Its Metal Complexes. <i>Journal of Fluorescence</i> , 1999, 9, 33-36.   | 1.3 | 18        |
| 63 | Supramolecular assemblies of crown-containing 4-styrylpyridine in the presence of metal cations. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 1032-1041.   | 0.9 | 18        |
| 64 | Theoretical study of complexation of alkali metal ions in the cavity of arylazacrown ethers. <i>Computational and Theoretical Chemistry</i> , 2007, 809, 61-71.  | 1.5 | 18        |
| 65 | Spironaphthoxazines produced from crown-containing dihydroisoquinolines: Synthesis and spectroscopic study of cation-dependent photochromism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 192, 75-83.               | 2.0 | 18        |
| 66 | Hydrogen bonding- and stacking-induced stereospecific [2 + 2]-photocycloaddition within a pseudodimeric complex of two styryl dyes. <i>Mendeleev Communications</i> , 2007, 17, 29-31.   | 0.6 | 18        |
| 67 | Photoinduced recoordination of metal cations in complexes with chromogenic crown ethers. <i>Russian Chemical Reviews</i> , 2011, 79, 1099-1121.  | 2.5 | 18        |
| 68 | Crown-containing styryl dyes. <i>Russian Chemical Bulletin</i> , 1997, 46, 463-471.  | 0.4 | 17        |
| 69 | Photosensitive and ionoselective properties of the amphiphilic crown-ether dye in monolayers. <i>Thin Solid Films</i> , 1998, 327-329, 821-823.  | 0.8 | 17        |
| 70 | Prospects of electroanalytical investigations of supramolecular complexes of a bis-crown stilbene with viologen-like compounds bearing two ammonioalkyl groups. <i>Journal of Electroanalytical Chemistry</i> , 2003, 547, 93-102.             | 1.9 | 17        |
| 71 | Recoordination of a metal ion in the cavity of an arylazacrown ether: Model study of the conformations and microsolvation of calcium complexes of arylazacrown ethers. <i>International Journal of Quantum Chemistry</i> , 2004, 100, 617-625. | 1.0 | 17        |
| 72 | Stereoselective [2+2] photocycloaddition in bispseudosandwich complexes of bis(18-crown-6) stilbene with alkanediammonium ions. <i>Russian Chemical Bulletin</i> , 2009, 58, 108-114.  | 0.4 | 17        |

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| 73 | Supramolecular Dimerization and [2 + 2] Photocycloaddition Reactions of Crown Ether Styryl Dyes Containing a Tethered Ammonium Group: Structure–Property Relationships. <i>Journal of Physical Chemistry A</i> , 2015, 119, 13025-13037.                             | 1.1 | 17        |
| 74 | A Raman spectroscopic study of photochromic benzothiazolium dyes. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1993, 49, 1055-1063.   | 0.1 | 16        |
| 75 | Photosensitive supramolecular systems based on amphiphilic crown ethers. <i>Supramolecular Science</i> , 1997, 4, 519-524.   | 0.7 | 16        |
| 76 | Convenient Method for the Preparation of Crown Ether Cinnamaldehydes. <i>Synthesis</i> , 2001, 2001, 0889-0892.  | 1.2 | 16        |
| 77 | Monolayers of a novel ionoselective butadienyl dye. <i>Journal of Colloid and Interface Science</i> , 2003, 265, 77-82.  | 5.0 | 16        |
| 78 | Transformation of 6-aminosubstituted spironaphthoxazines induced by Pb(II) and Eu(III) cations. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 504-512.  | 0.9 | 16        |
| 79 | Photoprocesses in styryl dyes and their pseudorotaxane complexes with cucurbit[7]uril. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 253, 52-61.  | 2.0 | 16        |
| 80 | Structure of Charge-Transfer Complexes Formed by Biscrown Stilbene and Dipyridylethylene Derivatives As Probed by Surface-Enhanced Raman Scattering Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2003, 107, 9542-9546.                                     | 1.1 | 15        |
| 81 | Spectroscopic properties of an amphiphilic styryl pyridinium dye in Langmuir–Blodgett films. <i>Thin Solid Films</i> , 2005, 476, 336-339.   | 0.8 | 15        |
| 82 | Photoprocesses of alkyl meso-thiacarbocyanine dyes in the presence of cucurbit[7]uril. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 302, 69-77.  | 2.0 | 15        |
| 83 | Crown ether styryl dyes. <i>Russian Chemical Bulletin</i> , 1997, 46, 1143-1148.   | 0.4 | 14        |
| 84 | Influence of the counter-anion on the interaction of cations with the benzodithia-18-crown-6 butadienyl dye in monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 255, 201-209.   | 2.3 | 14        |
| 85 | Supramolecular assembler based on cucurbit[8]uril: Photodimerization of a styryl dye in water. <i>High Energy Chemistry</i> , 2014, 48, 253-259.   | 0.2 | 14        |
| 86 | Ultrafast excited state dynamics of a stilbene–viologen charge transfer complex and its interaction with alkanediammonium salts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 372, 89-98.  | 2.0 | 14        |
| 87 | Complexation of Photochromic Crown Ether Styryl Dyes with Mg <sup>2+</sup> As Probed by Surface-Enhanced Raman Scattering Spectroscopy. <i>Journal of Physical Chemistry B</i> , 1997, 101, 4077-4084.   | 1.2 | 13        |
| 88 | Anion-capped benzodithia-18-crown-6 styryl dye monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 473-482.   | 2.3 | 13        |
| 89 | Recoordination of a metal ion in the cavity of a crown compound: a theoretical study. 1. Conformers of arylazacrown ethers and their complexes with Ca <sup>2+</sup> cation. <i>Russian Chemical Bulletin</i> , 2003, 52, 2646-2655.                                 | 0.4 | 13        |
| 90 | Design of crystal packings of styrylheterocycles and [2+2] photocycloaddition reactions in their single crystals 6. Synthesis and crystal packings of neutral crown-containing and model styrylheterocycles. <i>Russian Chemical Bulletin</i> , 2009, 58, 1192-1210. | 0.4 | 13        |

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|-----|---|-----|-----------|
| 91  | Methylbenzoazacrown ethers with the nitrogen atom conjugated with the benzene ring: the improved synthesis and the reasons for the high stability of complexes with metal and ammonium cations. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 823-833. | 0.9 | 13        |
| 92  | Synthesis, structure, electrochemistry, and photophysics of 2,5-dibenzylidenecyclopentanones containing in benzene rings substituents different in polarity. <i>Russian Chemical Bulletin</i> , 2016, 65, 1761-1772.  | 0.4 | 13        |
| 93  | Auditor tenure and accounting conservatism: evidence from Greece. <i>Managerial Auditing Journal</i> , 2016, 31, 538-565.   | 1.4 | 13        |
| 94  | Ultrafast relaxation of electronically-excited states of a styryl dye in the cavity of cucurbit[n]urils (n= 6, 7). <i>Chemical Physics Letters</i> , 2016, 647, 157-160.  | 1.2 | 13        |
| 95  | Formation of a supramolecular charge-transfer complex. Ultrafast excited state dynamics and quantum-chemical calculations. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 232-241.   | 1.6 | 13        |
| 96  | Photochromic Ionophores: Synthesis, Photoinduced Isomerization and Cycloaddition of Crown Ether Styryl Dyes. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 246, 183-186.  | 0.3 | 12        |
| 97  | Crown-ether styryl dyes. <i>Russian Chemical Bulletin</i> , 1995, 44, 2131-2136.  | 0.4 | 12        |
| 98  | Synthesis and monolayer study of a new amphiphilic photochromic crown-ether. <i>Materials Science and Engineering C</i> , 1999, 8-9, 469-473.   | 3.8 | 12        |
| 99  | Cation-dependent photochromic properties of novel ditopic receptors. <i>Pure and Applied Chemistry</i> , 2003, 75, 1077-1084.   | 0.9 | 12        |
| 100 | Microwave-Assisted Solvent-Free Synthesis of the Substituted Spiroindolinonaphth[2,1-b][1,4]oxazines. <i>Synthetic Communications</i> , 2004, 34, 315-322.  | 1.1 | 12        |
| 101 | Organisation in monolayers at the air/water interface of butadienyl dyes containing benzodithiacrown-ether or dimethoxybenzene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 264, 207-214.                                     | 2.3 | 12        |
| 102 | Recoordination of a metal ion in the cavity of a crown compound: a theoretical study 2.* Effect of the metal ion/solvent interaction on the conformations of calcium complexes of arylazacrown ethers. <i>Russian Chemical Bulletin</i> , 2005, 54, 2042-2054.    | 0.4 | 12        |
| 103 | Unusual three-decker structure of a D <sup>+</sup> -A <sup>-</sup> -D complex between bis(crown)stilbene and a di(quinolyl)ethylene derivative. <i>Mendeleev Communications</i> , 2007, 17, 151-153.  | 0.6 | 12        |
| 104 | Influence of the anion nature on styryl dye crystal packing and feasibility of the direct and back [2 + 2] photocycloaddition reactions without single crystal degradation. <i>CrystEngComm</i> , 2014, 16, 5364-5378.  | 1.3 | 12        |
| 105 | Specificity of photonics of 3,3'-diethyl-5,5'-dichloro-9-ethylthiacarbocyanine dimers in the presence of cucurbit[7]uril. <i>High Energy Chemistry</i> , 2014, 48, 76-80.   | 0.2 | 12        |
| 106 | Complexation of Donor-Acceptor Substituted Aza-Crowns with Alkali and Alkaline Earth Metal Cations. Charge Transfer and Recoordination in Excited State. <i>Journal of Fluorescence</i> , 2016, 26, 585-592.  | 1.3 | 12        |
| 107 | Novel Linear Bis-Crown Receptors with Cross-Conjugated and Conjugated Central Cores. <i>Macrocyclics</i> , 2017, 10, 432-445.   | 0.9 | 12        |
| 108 | Crown-containing spirooxazines and spiroopyrans. <i>Russian Chemical Bulletin</i> , 1999, 48, 1950-1959.  | 0.4 | 11        |

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|-----|---|-----|-----------|
| 109 | Supramolecular architecture of crown-containing styryl dyes: Part I. Crystal and molecular structures of the acetonitrile solvate monohydrate of the potassium iodide complex with benzo-15-crown-5 ether dye based on methylquinoline iodide. <i>Crystallography Reports</i> , 2003, 48, 613-622.              | 0.1 | 11        |
| 110 | Unusual supramolecular donor-acceptor complexes of bis(crown)stilbenes and bis(crown)azobenzene with viologen analogs. <i>Russian Chemical Bulletin</i> , 2008, 57, 793-801.  | 0.4 | 11        |
| 111 | Synthesis of symmetrical cyanine dyes with two N-ammonioalkyl groups. <i>Tetrahedron</i> , 2013, 69, 5898-5907.   | 1.0 | 11        |
| 112 | Photonics of bis(diethylaminobenzylidene)cyclopentanone and its analogue with the bisazacrown moiety in acetonitrile. <i>High Energy Chemistry</i> , 2016, 50, 27-31.   | 0.2 | 11        |
| 113 | Facile synthesis of novel stilbene ligands containing a 15-crown-5 ether moiety. <i>Arkivoc</i> , 2005, 2005, 12-24.  | 0.3 | 11        |
| 114 | Facile Synthesis of Novel 2-Styrylbenzothiazoles Containing Crown Ether Moieties. <i>Synthesis</i> , 2003, 2003, 0371-0374.   | 1.2 | 10        |
| 115 | Self-assembly of a (benzothiazolyl)ethenylbenzocrown ether into a sandwich complex and stereoselective [2+2] photocycloaddition. <i>Russian Chemical Bulletin</i> , 2005, 54, 1569-1579.  | 0.4 | 10        |
| 116 | Stacking structures of complexes between bis(crown)azobenzene and a dipyriddyethylene derivative in a crystal and in solution. <i>Mendeleev Communications</i> , 2007, 17, 148-150.   | 0.6 | 10        |
| 117 | Benzoaza-15-crown-5 ethers: synthesis, structure, and complex formation with metal and ethylammonium ions. <i>Russian Chemical Bulletin</i> , 2009, 58, 978-1001.   | 0.4 | 10        |
| 118 | Design of crystal packings of styrylheterocycles and [2+2] photocycloaddition reactions in their single crystals 7. Crystal structures of 4-styrylpyridine hydroperchlorates and solid-state [2+2] autophotocycloaddition reactions of these compounds. <i>Russian Chemical Bulletin</i> , 2011, 60, 1734-1761. | 0.4 | 10        |
| 119 | Regio- and stereospecific [2+2] photocyclodimerization of a crown-containing butadienyl dye via cation-induced self-assembly in solution. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 15-18.  | 1.6 | 10        |
| 120 | Pseudorotaxane complexes between viologen vinyllogues and cucurbit[7]uril: New prototype of photocontrolled molecular machine. <i>Journal of Molecular Structure</i> , 2011, 989, 114-121.  | 1.8 | 10        |
| 121 | Synthesis, structure and complexation of biscrown-containing 1,4-distyrylbenzenes. <i>Russian Chemical Bulletin</i> , 2016, 65, 2686-2703.  | 0.4 | 10        |
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