Yuri Fedorov

List of Publications by Year in descending order

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142 papers	1,912 citations	279487 23 h-index	360668 35 g-index
148 all docs	148 docs citations	148 times ranked	1704 citing authors

#	Article	IF	Citations
1	Fluorescent and colorimetric chemosensors for cations based on 1,8-naphthalimide derivatives: design principles and optical signalling mechanisms. Russian Chemical Reviews, 2014, 83, 155-182.	2.5	94
2	Functional supramolecular systems: design and applications. Russian Chemical Reviews, 2021, 90, 895-1107.	2.5	93
3	Structure and ion-complexing properties of an aza-15-crown-5 ether dye: synthesis, crystallography, NMR spectroscopy, spectrophotometry and potentiometry. Journal of the Chemical Society Perkin Transactions II, 1997, , 2249-2256.	0.9	61
4	Synthesis, Structure, and Ion Selective Complexation of Trans and Cis Isomers of Photochromic Dithia-18-crown-6 Ethers. Journal of the American Chemical Society, 1999, 121, 4992-5000.	6.6	52
5	Thiacrown Ether Substituted Styryl Dyes:Â Synthesis, Complex Formation and Multiphotochromic Properties. Journal of Physical Chemistry A, 2002, 106, 6213-6222.	1.1	51
6	Cation-Dependent Fluorescent Properties of Naphthalimide Derivatives with N-Benzocrown Ether Fragment. Journal of Physical Chemistry A, 2010, 114, 4118-4122.	1.1	50
7	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. Organic Letters, 1999, 1, 833-835.	2.4	49
8	DNAâ€“ligand interactions gained and lost: light-induced ligand redistribution in a supramolecular cascade. Chemical Communications, 2015, 51, 4906-4909.	2.2	47
9	Ditopic complex formation of the crown-containing 2-styrylbenzothiazole. New Journal of Chemistry, 2003, 27, 280-288.	1.4	44
10	Comparative analysis of the PET and ICT sensor properties ofÂ1,8-naphthalimides containing aza-15-crown-5 ether moiety. Dyes and Pigments, 2013, 98, 347-357.	2.0	37
11	Surface-Enhanced Raman Scattering of 2,2â€²-Bipyridine Adsorbed on Colloidal Silver and Stabilized AgBr Sols. Journal of Colloid and Interface Science, 1993, 158, 171-182.	5.0	36
12	Supramolecular assemblies of photochromic benzodithia-18-crown-6 ethers in crystals, solutions, and monolayersElectronic supplementary information (ESI) available: crystal data, data collection, and structure solution and refinement parameters. See http://www.rsc.org/suppdata/nj/b1/b110630a/. New Journal of Chemistry, 2002, 26, 543-553.	1.4	34
13	Regiospecific Câ€“N Photocyclization of 2-Styrylquinolines. Journal of Organic Chemistry, 2014, 79, 5533-5537.	1.7	34
14	Synthesis and spectroscopic studies of novel photochromic benzodithiacrown ethers and their complexes. Journal of the Chemical Society Perkin Transactions II, 1996, , 1441.	0.9	32
15	Cucurbit[7]uril Complexes of Crown-Ether Derived Styryl and (Bis)styryl Dyes. Journal of Physical Chemistry B, 2009, 113, 10149-10158.	1.2	32
16	Selective fluorometric sensing of Hg2+ in aqueous solution by the inhibition of PET from dithia-15-crown-5 ether receptor conjugated to 4-amino-1,8-naphthalimide fluorophore. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 364, 124-129.	2.0	31
17	Structural and photochemical aspect of metal-ion-binding to a photochromic chromene annulated by crown-ether moiety. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 209, 111-120.	2.0	27
18	Self-assembly of a ternary architecture driven by cooperative Hg2+ ion binding between cucurbit[7]uril and crown ether macrocyclic hosts. Chemical Communications, 2012, 48, 7256.	2.2	27

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19	Potentiometric studies of complex formation of amidopyridine macrocycles bearing pendant arms with proton and heavy metal ions in aqueous solution. Polyhedron, 2017, 124, 229-236.	1.0	27
20	Chemoselective detection of Ag+ in purely aqueous solution using fluorescence â€˜turn-onâ€™ probe based on crown-containing 4-methoxy-1,8-naphthalimide. Mendeleev Communications, 2019, 29, 155-157.	0.6	26
21	Photochemical Electrocyclization of the Indolinylphenylethenes Involving a Câ^'N Bond Formation. Organic Letters, 2003, 5, 4533-4535.	2.4	25
22	A novel highly efficient nanostructured organosilicon luminophore with unusually fast photoluminescence. Journal of Materials Chemistry C, 2016, 4, 4699-4708.	2.7	25
23	Controlling photophysics of styrylnaphthalimides through TICT, fluorescence and E,Z-photoisomerization interplay. Physical Chemistry Chemical Physics, 2017, 19, 1244-1256.	1.3	25
24	Multimodal Metal Cation Sensing with Bis(macrocyclic) Dye. Chemistry - A European Journal, 2011, 17, 10752-10762.	1.7	24
25	Light-induced piston nanoengines: ultrafast shuttling of a styryl dye inside cucurbit[7]uril. Physical Chemistry Chemical Physics, 2017, 19, 25834-25839.	1.3	24
26	Intramolecular electron transfer in Cu(<scp>ii</scp>) complexes with aryl-imidazo-1,10-phenanthroline derivatives: experimental and quantum chemical calculation studies. New Journal of Chemistry, 2019, 43, 2817-2827.	1.4	24
27	Spectroscopic study of monoâ€•and bis(styryl) dyes of the pyridinium series containing azathiacrown ether residue. Journal of Physical Organic Chemistry, 2008, 21, 372-380.	0.9	23
28	FRET versus PET: ratiometric chemosensors assembled from naphthalimide dyes and crown ethers. Physical Chemistry Chemical Physics, 2015, 17, 22749-22757.	1.3	23
29	Surface tension of silver in different media. Journal of Physics and Chemistry of Solids, 1993, 54, 963-966.	1.9	22
30	Azadithiacrown ether based ditopic receptors capable of simultaneous multi-ionic recognition of Ag+ and Hg2+. Dyes and Pigments, 2013, 96, 287-295.	2.0	21
31	Synthesis and Multitopic Complex Formation of a Photochromic Bis(crown ether) Based on Benzobis(thiazole). Journal of Physical Chemistry A, 2005, 109, 8653-8660.	1.1	19
32	Supramolecular photochemical synthesis of an unsymmetrical cyclobutane. Photochemical and Photobiological Sciences, 2007, 6, 1097-1105.	1.6	19
33	Spectroscopical study of bacteriopurpurinimideâ€“naphthalimide conjugates for fluorescent diagnostics and photodynamic therapy. Journal of Photochemistry and Photobiology B: Biology, 2014, 133, 140-144.	1.7	19
34	A novel bacteriochlorinâ€“styrylnaphthalimide conjugate for simultaneous photodynamic therapy and fluorescence imaging. Physical Chemistry Chemical Physics, 2017, 19, 30195-30206.	1.3	19
35	Supramolecular assemblies of crown-containing 4-styrylpyridine in the presence of metal cations. Journal of Physical Organic Chemistry, 2005, 18, 1032-1041.	0.9	18
36	A photochemical electrocyclization of the benzothiazolylphenylethenes involving a CN bond formation. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 196, 239-245.	2.0	18

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37	Supramolecular Control of Photochemical and Electrochemical Properties of Two Oligothiophene Derivatives at the Air/Water Interface. Journal of Physical Chemistry B, 2012, 116, 1482-1490.	1.2	18
38	Cucurbituril as a new â€œhostâ€•of organic molecules in inclusion complexes. Russian Chemical Bulletin, 2012, 61, 1363-1390.	0.4	17
39	Relationship between the photochromic and fluorescent properties of 4-styryl derivatives of N-butyl-1,8-naphthalimide. Mendeleev Communications, 2017, 27, 53-55.	0.6	17
40	Novel pyridine-containing azacrownethers for the chelation of therapeutic bismuth radioisotopes: Complexation study, radiolabeling, serum stability and biodistribution. Nuclear Medicine and Biology, 2018, 60, 1-10.	0.3	16
41	Influence of the structure of electron-donating aromatic units in organosilicon luminophores based on 2,1,3-benzothiadiazole electron-withdrawing core on their absorption-luminescent properties. Dyes and Pigments, 2018, 155, 284-291.	2.0	16
42	Synthesis, complexation, and Eâ€”Z photoisomerization of azadithiacrown-containing styryl dyes as new optical sensors for mercury cations. Russian Chemical Bulletin, 2007, 56, 513-526.	0.4	15
43	Synthesis and spectral properties of 4-amino- and 4-acetylamino-N-arylnaphthalimides containing electron-donating groups in the N-aryl substituent. Russian Chemical Bulletin, 2009, 58, 1233-1240.	0.4	15
44	Synthesis and sensor propeties of crown-containing derivatives of 4-(1,5-diphenyl-Î”2-pyrazolin-3-yl)-1,8-naphthalimide. Protection of Metals and Physical Chemistry of Surfaces, 2012, 48, 524-533.	0.3	14
45	Photoinduced guest transformation promotes translocation of guest from hydroxypropyl-β-cyclodextrin to cucurbit[7]uril. Chemical Communications, 2015, 51, 1349-1352.	2.2	14
46	Multistep assembling via intermolecular interaction between (bis)styryl dye and cucurbit[7]uril: Spectral effects and host sliding motion. Dyes and Pigments, 2016, 131, 206-214.	2.0	13
47	Novel 18-crown-6-ether containing mono- and bisstyryl dyes derived from pyridine moiety as fluorescent dyes for non-covalent interaction with DNA. Dyes and Pigments, 2018, 157, 80-92.	2.0	13
48	Benzoazacrown compound: a highly effective chelator for therapeutic bismuth radioisotopes. MedChemComm, 2019, 10, 1641-1645.	3.5	13
49	The regioselective [2 + 2] photocycloaddition reaction of 2-(3,4-dimethoxystyryl)quinoxaline in solution. Photochemical and Photobiological Sciences, 2019, 18, 2208-2215.	1.6	13
50	Cation-dependent photochromic properties of novel ditopic receptors. Pure and Applied Chemistry, 2003, 75, 1077-1084.	0.9	12
51	Metal Ions Drive Thermodynamics and Photochemistry of the Bis(styryl) Macrocyclic Tweezer. Chemistry - A European Journal, 2010, 16, 5661-5671.	1.7	12
52	Isomeric naphthalimides bearing pyran units: Insight into mutual relation between structure and photochromic properties. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 303-304, 28-35.	2.0	12
53	Synthesis of fused heterocyclic systems via the Mallory photoreaction of arylthienylethenes. Photochemical and Photobiological Sciences, 2019, 18, 2901-2911.	1.6	12
54	Modulation of photochromic properties of spirooxazine bearing sulfobutyl substituent by metal ions. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 371, 453-460.	2.0	12

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55	Triphenylamine-based luminophores with different side and central aromatic blocks: Synthesis, thermal, photophysical and photochemical properties. Dyes and Pigments, 2020, 179, 108397.	2.0	12
56	Supramolecular assemblies of crown-containing 2-styrylbenzothiazole with amino acids. Organic and Biomolecular Chemistry, 2006, 4, 1007.	1.5	11
57	Investigation of crown-containing styrylthiophene derivatives which are optically and electrochemically sensitive to the presence of metal cations. Synthetic Metals, 2007, 157, 885-893.	2.1	11
58	Hybrid sensor materials based on tin(IV) oxide and crown-containing 4-amino-1,8-naphthalimides. Mendeleev Communications, 2011, 21, 12-14.	0.6	11
59	FRET-based metal ion sensing by a crown-containing bisstyryl dye. New Journal of Chemistry, 2018, 42, 7908-7913.	1.4	11
60	Cucurbit[7]uril-driven modulation of ligandâ€“DNA interactions by ternary assembly. Organic and Biomolecular Chemistry, 2020, 18, 755-766.	1.5	11
61	Self-assembly of a (benzothiazolyl)ethenylbenzocrown ether into a sandwich complex and stereoselective [2+2] photocycloaddition. Russian Chemical Bulletin, 2005, 54, 1569-1579.	0.4	10
62	Complex formation of pyridineâ€¤azacrown ether amide macrocycles with proton and heavy metal ions in aqueous solution. Journal of Physical Organic Chemistry, 2016, 29, 244-250.	0.9	10
63	Effect of arrangement of the styryl fragment on the optical properties and complexation of mono-and bis(styryl)-substituted N-methylpyridinium perchlorates containing benzo-15-crown-5 ether moieties. Russian Chemical Bulletin, 2007, 56, 2166-2174.	0.4	9
64	Regio- and stereoselective [2+2] photocycloaddition in Ba 2+ templated supramolecular dimers of styryl-derivatized aza-heterocycles. Dyes and Pigments, 2017, 139, 397-402.	2.0	9
65	Ultrafast intramolecular energy transfer in a nanostructured organosilicon luminophore based on p-terphenyl and 1,4-bis(5-phenyloxazol-2-yl)benzene. Journal of Materials Chemistry C, 2019, 7, 14612-14624.	2.7	9
66	Effect of linker length on the spectroscopic properties of bacteriochlorin â€“ 1,8-naphthalimide conjugates for fluorescence-guided photodynamic therapy. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 390, 112338.	2.0	9
67	A fluorescent PET chemosensor for Zn2+ cations based on 4-methoxy-1,8-naphthalimide derivative containing salicylideneamino receptor group. Mendeleev Communications, 2020, 30, 55-58.	0.6	9
68	Metal Ion Modulated Torsion Angle in a Ditopic Oligothiophene Ligand: Toward Supramolecular Control of Ï€ Conjugation. ChemPhysChem, 2010, 11, 3152-3160.	1.0	8
69	Mono- and ditopic models of binding of a photochromic chromene annelated with an 18-crown-6ether with protonated amino acids. Organic and Biomolecular Chemistry, 2012, 10, 671-682.	1.5	8
70	Out-cage metal ion coordination by novel benzoazacrown bisamides with carboxyl, pyridyl and picolinate pendant arms. Tetrahedron, 2019, 75, 2848-2859.	1.0	8
71	Fluorimetric detection of Ag+ cations in aqueous solutions using a polyvinyl chloride sensor film doped with crown-containing 1,8-naphthalimide. Mendeleev Communications, 2021, 31, 517-519.	0.6	8
72	Title is missing!. Russian Chemical Bulletin, 2002, 51, 789-795.	0.4	7

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73	[2+2]-Photocycloaddition reaction of self-assembled crown-containing 2-styrylpyridinium perchlorate in a solid state. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 90-95.	2.0	7
74	Novel crown-containing 3-styryl derivatives of oligothiophenes: synthesis, structure, and optical and electrochemical characteristics. Russian Chemical Bulletin, 2009, 58, 1509-1515.	0.4	7
75	Complexes of amino acids with a crown-ether derivative of 4-styrylpyridine. Monotopic or ditopic?. Photochemical and Photobiological Sciences, 2011, 10, 1954-1962.	1.6	7
76	Analysis of benzodiazaâ€15â€crownâ€5 ether derivative binding properties by potentiometric and optical methods. Journal of Physical Organic Chemistry, 2012, 25, 835-839.	0.9	7
77	Unexpected transformation of mono- to bis-macrobicyclic dimethylglyoximate framework in a chloroform solution: Photochemical, MALDI-TOF MS and X-ray diffraction studies. Inorganic Chemistry Communication, 2013, 35, 242-246.	1.8	7
78	Fluorescent cryogels based on copolymers of N,N-dimethylacrylamide and allyl derivatives of 1,8-naphthalimide. Polymer Science - Series B, 2015, 57, 631-637.	0.3	7
79	Effect of light irradiation on the gas sensor characteristics of the SnO2 and ZnO modified by tetrathiafulvalene derivative. Organic Photonics and Photovoltaics, 2015, 3, .	1.3	7
80	Synthesis and spectral properties of fluorescent dyes based on 4-styryl-1,8-naphthalimide. Russian Chemical Bulletin, 2016, 65, 2444-2451.	0.4	7
81	Annelated tricyclic thiophenes and their photophysical properties. Mendeleev Communications, 2018, 28, 543-545.	0.6	7
82	Crown ether styryl dyes. Russian Chemical Bulletin, 1997, 46, 2099-2106.	0.4	6
83	Guestâ€"Host Interactions between Crown-Containing 2-Styrylbenzothiazole and HP-Â-CD. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 49, 283-289.	1.6	6
84	The Photochemistry of a bis-Crown Ether Based on Benzobis(thiazole) and Its Alkaline Earth Metal Cation Complexes. Photochemistry and Photobiology, 2006, 82, 1108.	1.3	6
85	Cation-dependent spectral properties of fluorescent complexon based on 1,8-naphthalimide with PET mechanism of optical response. Russian Chemical Bulletin, 2015, 64, 1871-1876.	0.4	6
86	Complexation of Bi3+, Ac3+, Y3+, Lu3+, La3+ and Eu3+ with benzo-diaza-crown ether with carboxylic pendant arms. Radiochimica Acta, 2016, 104, 555-565.	0.5	6
87	Influence of chemical structure of branched and dendritic organosilicon luminophores on their optical and thermal properties. Organic Photonics and Photovoltaics, 2017, 5, 1-8.	1.3	6
88	Crown ether styryl dyes. Russian Chemical Bulletin, 1997, 46, 967-974.	0.4	5
89	A surface-enhanced Raman spectroscopic study of novel photochromic benzodithiacrown ether styryl dyes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1997, 53, 1853-1865.	2.0	5
90	Complexes of Diâ€•and Triazacrown Ethers with Heavy Metal Ions in Water Solution. Electroanalysis, 2012, 24, 1739-1744.	1.5	5

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91	Synthesis of chromophoric crown-containing styryl derivative of terthiophene and its complexation with octane-1,8-diaminium diperchlorate. Russian Journal of Organic Chemistry, 2014, 50, 552-558.	0.3	5
92	Self-sorting processes in a stimuli-responsive supramolecular systems based on cucurbituril, cyclodextrin and bisstyryl guests. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2019, 94, 201-210.	0.9	5
93	Encapsulationâ€Controlled Photoisomerization of a Styryl Derivative: Stereoselective Formation of the Anti Z â€Isomer in the Cucurbit[7]uril Cavity. ChemPhysChem, 2020, 21, 442-449.	1.0	5
94	Electron injection effect in In₂O₃ and SnO₂ nanocrystals modified by ruthenium heteroleptic complexes. Physical Chemistry Chemical Physics, 2020, 22, 8146-8156.	1.3	5
95	Ratiometric Detection of Mercury (II) Ions in Living Cells Using Fluorescent Probe Based on Bis(styryl) Dye and Azadithia-15-Crown-5 Ether Receptor. Sensors, 2021, 21, 470.	2.1	5
96	Reversible ON-OFF switching of FRET effect in the functionalized CB[6]-guest complex via photoisomerization. Dyes and Pigments, 2021, 189, 109194.	2.0	5
97	Photochemical synthesis, intercalation with DNA and antitumor evaluation in vitro of benzo[d]thiazolo[3,2-a]quinolin-10-ium derivatives. Bioorganic Chemistry, 2021, 115, 105267.	2.0	5
98	Effect of N-substituent in 4-styrylpyridinium dyes on their binding to DNA. Mendeleev Communications, 2020, 30, 217-219.	0.6	5
99	Effective Stabilization of cis-Isomer of Styryl Dye inside the Cucurbit[7]uril Cavity. Macroheterocycles, 2013, 6, 234-239.	0.9	5
100	Comparative study of macrocyclic and acyclic picolinate derivatives for chelation of copper cations. European Journal of Inorganic Chemistry, 0, , .	1.0	5
101	Electrocyclic reaction of crown-containing 2-styrylbenzothiazoles. Russian Chemical Bulletin, 2005, 54, 1328-1330.	0.4	4
102	Synthesis, complexation, and photochemistry of benzobisthiazole-based bis(crown ether). Russian Chemical Bulletin, 2005, 54, 2119-2128.	0.4	4
103	Synthesis, structures, and optical and electrochemical characteristics of novel crown-containing polythiophene systems. Russian Chemical Bulletin, 2007, 56, 967-974.	0.4	4
104	Effect of the chromophoric unit on the complex formation properties in the crown ether containing styryl dyes. Dyes and Pigments, 2014, 104, 151-159.	2.0	4
105	New copolymer gels based on N,N-dimethylacrylamide and crown-containing allyl derivative of 1,8-naphthalimide as optical sensors for metal cations in an organic medium. Doklady Physical Chemistry, 2017, 476, 181-185.	0.2	4
106	Supramolecular tuning of energy transfer efficiency and direction in a bis(styryl) dyeâ€“crown ether conjugate. Dyes and Pigments, 2018, 151, 227-232.	2.0	4
107	Energy transfer process in an unsymmetrical crown-containing bisstyryl dye incorporated in the cavities of CB[7] and 2-hydroxypropyl-Î²-CD. New Journal of Chemistry, 2020, 44, 9344-9354.	1.4	4
108	New conjugate of bis(o-aminophenoxy)ethane-N,N,N',N'-tetraacetate with naphthalimide as a fluorescent sensor for calcium cations. Mendeleev Communications, 2020, 30, 332-335.	0.6	4

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109	Heteroleptic Lanthanide Complexes Coordinated by Tripodal Tetradentate Ligand: Synthesis, Structure, and Magnetic and Photoluminescent Properties. Crystal Growth and Design, 2020, 20, 5184-5192.	1.4	4
110	Helical aggregates of bis(styryl) dyes formed by DNA templating. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113378.	2.0	4
111	Synthesis and multiparameter sensor properties of the crownâ€containing thiophene derivatives. Journal of Physical Organic Chemistry, 2010, 23, 246-254.	0.9	3
112	Metal-ion induced FRET in macrocyclic dynamic tweezers. Tetrahedron, 2013, 69, 8178-8185.	1.0	3
113	Photoisomerization of crown-containing styrylbenzothiazole and styrylquinoline in complexes with hydroxypropyl-Î²-cyclodextrin. Protection of Metals and Physical Chemistry of Surfaces, 2013, 49, 181-188.	0.3	3
114	Photoresponsive dendron-like metallocomplexes of the crown-containing styryl derivatives of 2,2â€²-bipyridine. Dalton Transactions, 2014, 43, 769-778.	1.6	3
115	Synthesis, structure and metal ion coordination of novel benzodiazamacrocyclic ligands bearing pyridyl and picolinate pendant side-arms. New Journal of Chemistry, 2019, 43, 15072-15086.	1.4	3
116	Imidazo[4,5-f][1,10]phenanthroline complexes with Fe2+, Cd2+, Co2+ and Zn2+ ions. Mendeleev Communications, 2020, 30, 445-448.	0.6	3
117	Fluorescent chemosensor for mercury(II) cations in an aqueous solution based on 4-acetylamino-1, 8-naphthalimide derivative containing the N-phenylazadithia-15-crown-5-ether receptor. Russian Chemical Bulletin, 2021, 70, 1939-1945.	0.4	3
118	Specific features of reversible Eâ€”Z-photoisomerization of crown-containing 4-styrylpyridine complexes with various cations. Russian Chemical Bulletin, 2008, 57, 2385-2393.	0.4	2
119	Planar supramolecular systems based on geometrical isomers of crown-containing oligothiophenes. Protection of Metals and Physical Chemistry of Surfaces, 2014, 50, 557-569.	0.3	2
120	Extraction Studies of Heavy Metal Ions Employing Benzothiaoxacrown Compounds. Solvent Extraction Research and Development, 2016, 23, 31-41.	0.5	2
121	Multiparameter molecular sensor based on a compound containing tetrathiafulvalenium, thiophene and pyridine fragments. Mendeleev Communications, 2016, 26, 202-204.	0.6	2
122	Cation-dependent structural diversity of zinc(II), calcium(II) mono- and binuclear complexes of aryl-imidazo-1,10-phenanthroline derivatives. Inorganica Chimica Acta, 2016, 445, 103-109.	1.2	2
123	New heterobimetallic ruthenium(II) complex with imidazo[4,5-f][1,10]phenanthroline-based ligand: synthesis, optical and electrochemical properties. Chemistry of Heterocyclic Compounds, 2021, 57, 799-805.	0.6	2
124	Synthesis and Complex Formation of Crown Containing Polyheterocyclic Derivative â€“ Multiparametric Sensor for Metal Cations. Macroheterocycles, 2014, 7, 373-379.	0.9	2
125	Synthesis, Optical Characteristics and Complex Formation of Molecular Receptors Based on 1,8-Naphthalimide Derivatives in Solution and in Composition of Hybrid Tin Dioxide Nanoparticles. Macroheterocycles, 2017, 10, 84-93.	0.9	2
126	Highly regioselective and stereoselective photodimerization of azine-containing stilbenes in neat condition: An efficient synthesis of novel cyclobutanes with heterocyclic substituents. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 427, 113804.	2.0	2

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127	Fluorescence turn-on probes for intracellular DNA/RNA distribution based on asymmetric bis(styryl) dyes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 279, 121446.	2.0	2
128	The complex formation properties of 18-crown-6-2-styrylbenzothiazole and the product of its photocyclization. Russian Journal of Physical Chemistry A, 2009, 83, 1039-1043.	0.1	1
129	Investigation of the photoinduced energy transfer in the supramolecular complexes of styryl dyes. Russian Chemical Bulletin, 2016, 65, 2381-2387.	0.4	1
130	Multi-component interaction between bisstyryl dyes and cucurbit[7]uril. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2020, 98, 249-259.	0.9	1
131	Synthesis and Spectral and Photochemical Properties of Newortho-Styryl-Substituted Nitrogen Heterocycles. Russian Journal of Organic Chemistry, 2020, 56, 620-625.	0.3	1
132	Fluorescent photochromic complex of 1,8-naphthalimide derivative and benzopyrane containing benzo-18-crown-6 ether. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 405, 112975.	2.0	1
133	Photochromic Crown Ethers. , 2017, , 345-361.		1
134	Novel Hybrid Benzoazacrown Ligand as a Chelator for Copper and Lead Cations: What Difference Does Pyridine Make. Molecules, 2022, 27, 3115.	1.7	1
135	Optical and electrochemical properties of novel fused tricyclic thiopheneâ€“15-crown-5 systems and their complexes with Mg and Ba ions. Mendeleev Communications, 2022, 32, 367-370.	0.6	1
136	Facile and environmentally benign synthetic approach to the selective monoâ€chlorination and monoâ€bromination of benzo[d]oxazolâ€2(<scp> 3H </scp>)â€ones. Journal of Heterocyclic Chemistry, 0, , .	1.4	1
137	A multiparametric sensor for cationic analysis. Russian Journal of Physical Chemistry A, 2010, 84, 2088-2091.	0.1	0
138	Self-organization of crown-containing hetarylphenylethenes, phthalic acid, and potassium cations into supramolecular assemblies. Russian Chemical Bulletin, 2011, 60, 280-294.	0.4	0
139	Multinuclear complexes of crown-containing monostyrylphenantrolines. Russian Chemical Bulletin, 2014, 63, 2271-2280.	0.4	0
140	Equilibrium between Two Degenerated Forms during Complexation of Novel Bis-crown Containing Bithiophene and Alkanediammonium Cations. Macroheterocycles, 2014, 7, 365-372.	0.9	0
141	Pseudorotaxane Structures Based on Thiophene-Containing Dibenzo-24-crown-8 Ether Derivatives. Macroheterocycles, 2016, 9, 89-95.	0.9	0
142	Mechanism of hydride abstraction in the electrocyclic phototransformation of heterostilbene. Mendeleev Communications, 2022, 32, 374-376.	0.6	0