

# Vladimir I Minkin

## List of Publications by Year in descending order

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904  
papers

11,110  
citations

81900

39  
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74163

75  
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1390  
all docs

1390  
docs citations

1390  
times ranked

6908  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-, Thermo-, Solvato-, and Electrochromic Spiroheterocyclic Compounds. <i>Chemical Reviews</i> , 2004, 104, 2751-2776.	47.7	850
2	Ligand environment and the structure of schiff base adducts and tetracoordinated metal-chelates. <i>Coordination Chemistry Reviews</i> , 1993, 126, 1-69.	18.8	632
3	Glossary of terms used in theoretical organic chemistry. <i>Pure and Applied Chemistry</i> , 1999, 71, 1919-1981.	1.9	372
4	The Tautomerism of Heterocycles: Five-membered Rings with Two or More Heteroatoms. <i>Advances in Heterocyclic Chemistry</i> , 2000, 76, 157-323.	1.7	268
5	Dipole Moments in Organic Chemistry. , 1970, , .		267
6	Norbornadieneâ€“quadricyclane â€“ an effective molecular system for the storage of solar energy. <i>Russian Chemical Reviews</i> , 1991, 60, 451-469.	6.5	165
7	Theoretical study of O - &gt; X (S, Se, Te) coordination in organic compounds. <i>Canadian Journal of Chemistry</i> , 1998, 76, 776-788.	1.1	141
8	Tautomeric Schiff bases: Iono-, solvato-, thermo- and photochromism. <i>Journal of Molecular Structure</i> , 2011, 998, 179-191.	3.6	132
9	Cyclic Aromatic Systems with Hypervalent Centers. <i>Chemical Reviews</i> , 2001, 101, 1247-1266.	47.7	122
10	Photochromism of Spirooxazines in Homogeneous Solution and Phospholipid Liposomes. <i>Journal of the American Chemical Society</i> , 1998, 120, 12707-12713.	13.7	104
11	Non-classical structures of organic compounds: unusual stereochemistry and hypercoordination. <i>Russian Chemical Reviews</i> , 2002, 71, 869-892.	6.5	91
12	Light-controlled molecular switches based on bistable spirocyclic organic and coordination compounds. <i>Russian Chemical Reviews</i> , 2013, 82, 1-26.	6.5	89
13	Bistable organic, organometallic, and coordination compounds for molecular electronics and spintronics. <i>Russian Chemical Bulletin</i> , 2008, 57, 687-717.	1.5	82
14	Synthesis, spectral and electrochemical properties of pyrimidine-containing dyes as photosensitizers for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2014, 100, 201-214.	3.7	74
15	Organic chemosensors with crown-ether groups (review). <i>Chemistry of Heterocyclic Compounds</i> , 2008, 44, 899-923.	1.2	69
16	Quantum Chemistry of Organic Compounds. , 1990, , .		68
17	Experimental Determination of the Dipole Moments of Organic Molecules in Excited Electronic States. <i>Russian Chemical Reviews</i> , 1969, 38, 740-754.	6.5	66
18	Photochromism and solvatochromism of pushâ€“pull or pullâ€“push spiroindolenaphthoxazines. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 4340-4345.	2.8	66

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19	Luminescent complexes with ligands containing C=N bond. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 858-868.	1.0	66
20	Poly[n]prismanes: A Family of Stable Cage Structures with Half-Planar Carbon Centers. Journal of Organic Chemistry, 2003, 68, 8588-8594.	3.2	64
21	Molecular photochromic ferromagnetic based on the layered polymeric tris-oxalate of Cr(III), Mn(II) and 1-[(1- $\epsilon^2$ ,3- $\epsilon^2$ -trimethyl-6-nitrospiro[2H-1-benzopyran-2,2- $\epsilon^2$ -indoline]-8-yl)methyl]pyridinium. Journal of Molecular Structure, 2007, 826, 69-74.	3.6	64
22	Octacoordinated main-group element centres in a planar cyclic B8 environment: an ab initio study. Mendeleev Communications, 2001, 11, 213-214.	1.6	63
23	Molecular design of tautomeric compounds. Accounts of Chemical Research, 1981, 14, 210-217.	15.6	61
24	The Structure and Valence Isomerisation of Antiaromatic Compounds. Russian Chemical Reviews, 1985, 54, 54-75.	6.5	60
25	Planar and Pyramidal Tetracoordinate Carbon in Organoboron Compounds. Journal of Organic Chemistry, 2005, 70, 6693-6704.	3.2	56
26	Quantitative investigations of cation complexation of photochromic 8-benzothiazole-substituted benzopyran: towards metal-ion sensors. Photochemical and Photobiological Sciences, 2010, 9, 199-207.	2.9	56
27	Molecular and crystal structure of ortho-tellurated azomethines with intramolecular N $\rightarrow$ Te coordination. Journal of Organometallic Chemistry, 1991, 402, 331-348.	1.8	52
28	Kinetic and Thermodynamic Investigations of the Photochromism and Solvatochromism of Semipermanent Merocyanines. Journal of Physical Chemistry A, 2001, 105, 8417-8422.	2.5	52
29	Photo- and ionochromism of 5- $\epsilon^{\text{TM}}$ -(4,5-diphenyl-1,3-oxazol-2-yl) substituted spiro[indoline-naphthopyrans]. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 184, 289-297.	3.9	49
30	Stereodynamics and degenerate ligand exchange in solutions of tetracoordinate chelate complexes of nontransition metals. Russian Chemical Reviews, 1994, 63, 289-311.	6.5	48
31	Chemical consequences of intramolecular Te $\rightarrow$ N coordination in tellurium-containing aromatic azomethine derivatives. Journal of Organometallic Chemistry, 1990, 391, 179-188.	1.8	47
32	Furo-fused 2H-chromenes: synthesis and photochromic properties. Canadian Journal of Chemistry, 1996, 74, 1649-1659.	1.1	47
33	Hypercoordinate carbon in polyhedral organic structures. Mendeleev Communications, 2004, 14, 43-46.	1.6	47
34	The Intramolecular Hydrogen Bond and the Reactivity of Organic Compounds. Russian Chemical Reviews, 1970, 39, 179-195.	6.5	46
35	Adducts of transition metal complexes with redox-active ligands: the structure and spin-state-switching rearrangements. Russian Chemical Reviews, 2018, 87, 1049-1079.	6.5	44
36	Critical compilation of physical properties of short-lived intermediates: Carbenes and carbene analogues (Technical Report). Pure and Applied Chemistry, 1992, 64, 265-314.	1.9	44

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37	Heptacoordinated Carbon and Nitrogen in a Planar Boron Ring. <i>Doklady Chemistry</i> , 2002, 382, 41-45.	0.9	43
38	Photo- and thermochromic cation sensitive spiro[indoline-pyridobenzopyrans]. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 908-916.	1.9	42
39	Synthesis, Molecular and Electronic Structures of Six-Coordinate Transition Metal (Mn, Fe, Co, Ni) Tj ETQq1 1 0.784314 rgBT /Overlo 2011, 50, 7022-7032.	4.0	41
40	Pyramidanes. <i>Journal of the American Chemical Society</i> , 2013, 135, 8794-8797.	13.7	41
41	Computational insight into magnetic behavior and properties of the transition metal complexes with redox-active ligands: a DFT approach. <i>Pure and Applied Chemistry</i> , 2018, 90, 811-824.	1.9	41
42	Computational design of valence tautomeric adducts of Co <sup>II</sup> diketonates with redox-active o-benzoquinone ligands. <i>Dalton Transactions</i> , 2013, 42, 1726-1734.	3.3	40
43	Molecular design of the valence tautomeric mixed-ligand adducts of Co <sup>II</sup> diketonates with redox-active ligands. <i>Mendeleev Communications</i> , 2015, 25, 83-92.	1.6	40
44	Benzenoid-quinoid tautomerism of azomethines and their structural analogues XXX. Molecular structure of gallium and boron organometallic compounds with tautomeric azomethines. <i>Journal of Organometallic Chemistry</i> , 1980, 192, 1-15.	1.8	39
45	1,8-Bis(dimethylamino)naphthalene-2,7-diolate: A Simple Arylamine Nitrogen Base with Hydride-Ion-Comparable Proton Affinity. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1453-1456.	13.8	39
46	Circumambulatory rearrangements of cyclopolyenes containing element-centred migrants. <i>Russian Chemical Reviews</i> , 2003, 72, 867-897.	6.5	38
47	FORMYLATION AND ACYLATION OF ORGANIC COMPOUNDS WITH SUBSTITUTED AMIDES OF CARBOXYLIC ACIDS. <i>Russian Chemical Reviews</i> , 1960, 29, 599-618.	6.5	36
48	Spectroscopic and Theoretical Evidence for the Elusive Intermediate of the Photoinitiated and Thermal Rearrangements of Photochromic Spiropyrans. <i>Journal of Physical Chemistry A</i> , 2005, 109, 9605-9616.	2.5	36
49	A Quantum Chemical Study of Bis-(iminoquinonephenolate) Zn(II) Complexes. <i>Journal of Physical Chemistry A</i> , 2010, 114, 7780-7785.	2.5	36
50	A DFT computational study of the magnetic behaviour of cobalt dioxolene complexes of tetraazamacrocyclic ligands. <i>Computational and Theoretical Chemistry</i> , 2018, 1124, 15-22.	2.5	36
51	Superoctahedral two-dimensional metallic boron with peculiar magnetic properties. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 19764-19771.	2.8	36
52	Spectral and kinetic properties of a red-blue pH-sensitive photochromic spirooxazine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 191, 114-121.	3.9	35
53	Unraveling electronic properties of an organometallic solute: Lippert-Mataga and quantum-chemical extensive study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 327, 6-14.	3.9	35
54	Pyramidane and isoelectronic pyramidal cations. <i>Computational and Theoretical Chemistry</i> , 1984, 110, 241-253.	1.5	34

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55	Copper(II) dimers with ferromagnetic intra- and intermolecular exchange interactions. <i>Mendeleev Communications</i> , 2005, 15, 133-135.	1.6	34
56	Adducts of cobalt(ii) bis(salicylaldiminates) and redox-active phenoxazin-1-one: synthesis, structure, and magnetic properties. <i>Russian Chemical Bulletin</i> , 2013, 62, 1744-1751.	1.5	34
57	Tautomeric crown-containing chemosensors for alkali-earth metal cations. <i>Tetrahedron</i> , 2008, 64, 3160-3167.	1.9	33
58	Valence tautomeric dinuclear adducts of Co( $\text{II}$ ) diketonates with redox-active diquinones for the design of spin qubits: computational modeling. <i>Dalton Transactions</i> , 2015, 44, 1982-1991.	3.3	33
59	A theoretical and experimental study of the polar Diels-Alder cycloaddition of cyclopentadiene with nitrobenzodifuroxan. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 298-307.	1.9	31
60	Synthesis, Photophysical and Redox Properties of the D $\pi$ A Type Pyrimidine Dyes Bearing the 9-Phenyl-9H-Carbazole Moiety. <i>Journal of Fluorescence</i> , 2015, 25, 763-775.	2.5	31
61	Six-Membered Tellurium-Containing Heterocycles. <i>Sulfur Reports</i> , 1985, 4, 63-108.	0.4	30
62	Planar Tetracoordinate Carbon in Organoboron Compounds: ab initio Computational Study. <i>Collection of Czechoslovak Chemical Communications</i> , 1999, 64, 1780-1789.	1.0	30
63	Hypervalent Intramolecular X $\pi$ N (X = C, Si, Ge) Coordination in Atranes: Quantum-Chemical Study. <i>Russian Journal of Organic Chemistry</i> , 2003, 39, 340-347.	0.8	30
64	Metal complexes of new photochromic chelator: Structure, stability and photodissociation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 265, 1-9.	3.9	30
65	Specific features of the reactivity of organotellurium compounds. <i>Russian Chemical Reviews</i> , 1995, 64, 491-522.	6.5	29
66	Planar hexacoordinated boron in organoboron compounds: an ab initio study. <i>Mendeleev Communications</i> , 2001, 11, 169-170.	1.6	29
67	Photochromic crown-containing molecular switches of chemosensor activity. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 917-928.	1.9	28
68	Intramolecular spin state switching mechanisms of transition metal complexes. <i>Russian Chemical Bulletin</i> , 2015, 64, 475-497.	1.5	28
69	Bifunctional fluorescent and colorimetric "naked eye" arylhydrazone chemosensors for Hg $^{2+}$ and F $^{-}$ ions detection. <i>Mendeleev Communications</i> , 2016, 26, 402-404.	1.6	28
70	Theoretical modeling of the square-planar to tetrahedral isomerization of bis-chelate nickel(II) complexes. <i>Chemical Physics Letters</i> , 2008, 459, 27-32.	2.6	27
71	Quantum-chemical study of valence tautomerism of a cobalt complex with phenoxybenzoquinone imine. <i>Doklady Chemistry</i> , 2010, 435, 319-323.	0.9	27
72	Pentagermapyramidane: Crystallizing the "Transition" State-Structure. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5654-5657.	13.8	27

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73	From Borapyramidane to Borole Dianion. <i>Journal of the American Chemical Society</i> , 2018, 140, 6053-6056.	13.7	27
74	The Synthesis and Structure of Telluranes. <i>Russian Chemical Reviews</i> , 1979, 48, 343-362.	6.5	26
75	$\ddot{f}$ -Aromaticity and $\ddot{f}$ -antiaromaticity. <i>Computational and Theoretical Chemistry</i> , 1988, 181, 93-110.	1.5	26
76	1,5-Sigmatropic shifts of bromine over a cyclopentadiene ring. <i>Journal of Physical Organic Chemistry</i> , 1991, 4, 31-47.	1.9	26
77	Structural and Chemical Consequences of Intramolecular N(O) $\rightarrow$ Te Coordination in Organotellurium Compounds. <i>Sulfur Reports</i> , 1996, 18, 295-330.	0.4	26
78	A quantum-chemical study of carbon sandwich compounds. <i>Mendeleev Communications</i> , 2004, 14, 96-98.	1.6	26
79	The novel azomethine ligands for binuclear copper(II) complexes with ferro- and antiferromagnetic properties. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1493-1511.	2.2	26
80	New magnetically active metal complexes of tridentate Schiff bases of phenylazosalicylaldehyde. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009, 35, 486-491.	1.0	26
81	Synthesis, structure, and photoisomerization of derivatives of 2-(2-quinolyl)-1,3-tropolones prepared by the condensation of 2-methylquinolines with 3,4,5,6-tetrachloro-1,2-benzoquinone. <i>Tetrahedron</i> , 2010, 66, 8763-8771.	1.9	26
82	Five-Membered Tellurium-Containing Heterocycles. <i>Sulfur Reports</i> , 1986, 6, 15-64.	0.4	25
83	Quantum chemical modeling of magnetically bistable metal coordination compounds. Synchronization of spin crossover, valence tautomerism and charge transfer induced spin transition mechanisms. <i>Dalton Transactions</i> , 2016, 45, 12103-12113.	3.3	25
84	Theoretical modeling of electrocyclic 2H-pyran and 2H-1,4-oxazine ring opening reactions in photo- and thermochromic spiroopyrans and spirooxazines. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 730-735.	1.2	25
85	Chapter 5 Hetarylazomethine Metal Complexes. <i>Advances in Heterocyclic Chemistry</i> , 2009, , 291-392.	1.7	24
86	Synthesis and luminescence properties of 2-(2-benzoyloxyphenyl)-5-aryl-1,3,4-oxadiazoles. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 1861-1863.	0.8	24
87	Quantum-chemical study of spin crossover in cobalt complexes with an o-benzoquinone ligand. <i>Doklady Chemistry</i> , 2016, 467, 83-87.	0.9	24
88	Pyramidanes: The Covalent Form of the Ionic Compounds. <i>Organometallics</i> , 2016, 35, 346-356.	2.3	24
89	From Two- to Three-Dimensional Structures of a Supertetrahedral Boran Using Density Functional Calculations. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10118-10122.	13.8	24
90	Dipole moments and solvatochromism of metal complexes: principle photophysical and theoretical approach. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 17822-17826.	2.8	23

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91	Chemosensors with crown ether based receptors. <i>Arkivoc</i> , 2008, 2008, 90-102.	0.5	23
92	Organotellurium Compounds in Organic Synthesis. <i>Russian Chemical Reviews</i> , 1987, 56, 343-354.	6.5	22
93	Synthesis and structure of N-arylimines of $\hat{I}^2$ -tellurocyclohexenals with the intramolecular coordination $N\hat{I}^+Te$ bonds. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 103-116.	1.8	22
94	New method for the synthesis of $\hat{I}^2$ -tropolones: Structures of condensation products of o-quinones with 2-methylquinolines and the mechanism of their formation. <i>Russian Chemical Bulletin</i> , 2006, 55, 2032-2055.	1.5	22
95	A Cationic Phosphapyramidane. <i>Chemistry - A European Journal</i> , 2016, 22, 17585-17589.	3.3	22
96	Extraction of Rutin and Quercetin Antioxidants from the Buds of Sophora Japonica ( <i>Sophora japonica</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.5	22
97	Transmission of electronic effects in certain ployenes. <i>Tetrahedron</i> , 1973, 29, 2053-2064.	1.9	21
98	Conrotatory and disrotatory reaction paths for thermal and photoinduced ring-closing reactions of 1,3,5-hexatriene and its isoelectronic analogs. <i>Journal of Organic Chemistry</i> , 1992, 57, 7087-7092.	3.2	21
99	Gas phase basicities of 1,3-benzazoles: benzimidazole, benzoxazole, benzothiazole, benzoselenazole and benzotellurazole. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 2341.	0.9	21
100	Theoretical modeling of valence tautomeric dinuclear cobalt complexes. Adducts of $Co^{II}$ diketonates with cyclic redox-active tetraone ligands. <i>Dalton Transactions</i> , 2015, 44, 17819-17828.	3.3	21
101	Photochromic spiro[indoline-pyridobenzopyrans]: fluorescent metal ion sensors. <i>Arkivoc</i> , 2005, 2004, 16-24.	0.5	21
102	Synthesis and structure of diorganyl diaryloxytelluranes with intramolecular $Te \hat{\alpha}^- N$ coordination bonds. <i>Journal of Organometallic Chemistry</i> , 1988, 348, 63-77.	1.8	20
103	Ring opening and ring closure in an indolizine structure activated through $S_NAr$ coupling with superelectrophilic 4,6-dinitrobenzofuroxan, an unusual intramolecular oxygen transfer from a N-oxide functionality. <i>Chemical Communications</i> , 2006, , 4279.	4.1	20
104	Theoretical modeling of enantiomerization mechanisms of tetrahedral bis-( $\hat{I}^2$ -diiminato) Ni(II) complexes. <i>Computational and Theoretical Chemistry</i> , 2009, 895, 138-141.	1.5	20
105	Structure and stability of the heteroannulated [8 $\hat{\alpha}^{\leftarrow 10}$ ]circulenes: A quantum-chemical study. <i>Pure and Applied Chemistry</i> , 2010, 82, 1011-1024.	1.9	20
106	2-(2-Hydroxyphenyl)-5-(4-nonylphenyl)-1,3,4-oxadiazole and its beryllium complex. <i>Russian Journal of General Chemistry</i> , 2014, 84, 171-172.	0.8	20
107	2-Hetaryl-1,3-tropolones based on five-membered nitrogen heterocycles: synthesis, structure and properties. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2179-2188.	2.2	20
108	The NMR study of inversion at the metal centre and ligand exchange processes of HgII bis-chelates: X-ray crystal structure of [pyr(NC6H11-c)S]2Hg. <i>Polyhedron</i> , 1989, 8, 569-575.	2.2	19

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109	Peculiarities in the Reactivity of Telluriumorganic Compounds in Comparison with their Sulfur and Selenium Analogs. Sulfur Reports, 1990, 9, 359-391.	0.4	19
110	Theoretical study of mechanisms of aromatic nucleophilic substitution in the gas phase. Computational and Theoretical Chemistry, 1993, 284, 123-137.	1.5	19
111	Tellurium-Containing Heterocycles with Two Heteroatoms. Advances in Heterocyclic Chemistry, 1993, , 47-121.	1.7	19
112	Tribochemically active chelate complexes of salicylideneimines. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 120-127.	1.0	19
113	Câ€H functionalization of azines. Anodic dehydroaromatization of 9-(hetero)aryl-9,10-dihydroacridines. RSC Advances, 2016, 6, 77834-77840.	3.6	19
114	Arsagermene, a compound with an â€Asi€Gei€S double bond. Chemical Communications, 2018, 54, 10947-10949.	1.1	19
115	Stability, electronic, and optical properties of twoâ€dimensional phosphoborane. Journal of Computational Chemistry, 2020, 41, 1456-1463.	3.3	19
116	Doubly Stabilised Chalcogenonium Ylides. Russian Chemical Reviews, 1981, 50, 432-453.	6.5	18
117	Molecular Switching by Electron Transferâ€the Spiroperimidine/Quinonimine System. Angewandte Chemie International Edition in English, 1992, 31, 1498-1500.	4.4	18
118	Planar tetracoordinated nitrogen in boron-containing compounds: a theoretical quantum-chemical study. Mendeleev Communications, 2002, 12, 170-172.	1.6	18
119	Title is missing!. Russian Chemical Bulletin, 2003, 52, 1172-1181.	1.5	18
120	Planar Four-Coordinate Carbon in Star-Like Perlithioannulenes C n Li n (n = 3â€6). Russian Journal of Organic Chemistry, 2005, 41, 1289-1295.	0.8	18
121	Novel photochromic spirocyclic compounds of thienopyrroline series: 1. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 189, 161-166.	3.9	18
122	Synthesis, structure, and dynamics of mixed-ligand cobalt complexes with redox-active phenoxazin-1-one. Doklady Chemistry, 2011, 438, 155-159.	0.9	18
123	Electronic structure and magnetic properties of the triangular nanographenes with radical substituents: a DFT study. Physical Chemistry Chemical Physics, 2020, 22, 1288-1298.	2.8	18
124	Periodic F-defects on the MgO surface as potential single-defect catalysts with non-linear optical properties. Chemical Physics, 2020, 532, 110680.	1.9	18
125	Photochromic Cation Sensors. Molecular Crystals and Liquid Crystals, 2005, 431, 417-422.	0.9	17
126	Nonclassical carbon: From theory to experiment. Russian Journal of General Chemistry, 2008, 78, 732-749.	0.8	17



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127	Metal complexes with azomethines containing the isomeric E-Z azo fragments. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 479-489.	1.0	17
128	Synthesis and pharmacological activity of 9-R-2-halogenophenylimidazo[1,2-a]benzimidazoles. Pharmaceutical Chemistry Journal, 2010, 44, 345-351.	0.8	17
129	The Stepwise Diels-Alder Reaction of 4-Nitrobenzodifuroxan with Danishefsky's Diene. Chemistry - A European Journal, 2011, 17, 7592-7604.	3.3	17
130	Kinetic modelling of the photochromism and metal complexation of a spiropyran dye: Application to the Co(II) - Spiroindoline-diphenyloxazolebenzopyran system. Dyes and Pigments, 2011, 89, 324-329.	3.7	17
131	Synthesis and antiviral activity of bis-spirocyclic derivatives of rhodanine. Russian Chemical Bulletin, 2014, 63, 1130-1136.	1.5	17
132	Sn(IV) complexes with bi- and tridentate phenoxazin-1-one ligands: Synthesis, structure and magnetic properties. Inorganica Chimica Acta, 2014, 418, 66-72.	2.4	17
133	Synthesis and luminescent properties of 2-[2-acyl(benzoyl)oxyphenyl]-5-(4-nonylphenyl)-1,3,4-oxadiazole. Russian Journal of General Chemistry, 2015, 85, 203-205.	0.8	17
134	Absorption and luminescence spectra of 5-aryl-3-methyl-1,2,4-oxadiazoles and their chelate complexes with Zinc(II) and copper(II). Russian Journal of General Chemistry, 2016, 86, 1054-1063.	0.8	17
135	Molecular and crystal structure of fluxional bis[1-isopropyl-3-methyl-4-N-alkyl(aryl)aldiminopyrazole-5-thion]ato nickel(II) complexes [pyr(N-CH <sub>3</sub> ) <sub>2</sub> S <sub>2</sub> ]Ni, [pyr(N-Ph) <sub>2</sub> S <sub>2</sub> ]Ni, [pyr(N-t-Bu) <sub>2</sub> S <sub>2</sub> ]Ni. Polyhedron, 1991, 10, 179-185.	2.2	16
136	Dipolar spirocyclic $\pi$ -complexes based on of 4,6-dinitrobenzofuroxan. Russian Chemical Bulletin, 1997, 46, 1445-1448.	1.5	16
137	Structure and rearrangements of 7-(1,2,3,4,5,6,7-heptaphenylcycloheptatrienyl) isocyanate, isothiocyanate and isoselenocyanate. Mendeleev Communications, 1999, 9, 222-225.	1.6	16
138	Pyramidane and Pyramidal Cations. Doklady Chemistry, 2002, 385, 203-206.	0.9	16
139	Photochemistry of phenanthroline-containing spirooxazines in a low-temperature methanol matrix. Chemical Physics, 2006, 323, 490-500.	1.9	16
140	Spiropyran and spirooxazines. Russian Chemical Bulletin, 2008, 57, 151-158.	1.5	16
141	Thermodynamic and kinetic analysis of metal ion complexation by photochromic spiropyran. Russian Chemical Bulletin, 2009, 58, 1329-1337.	1.5	16
142	Current trends in the development of A. M. Butlerov's theory of chemical structure. Russian Chemical Bulletin, 2012, 61, 1265-1290.	1.5	16
143	Extraction of bioflavonoid mixture from onion husk by subcritical water. Russian Journal of Physical Chemistry B, 2013, 7, 829-836.	1.3	16
144	Computational design of mixed-ligand adducts of Co aminovinyl ketonates with redox-active o-quinones and their derivatives. Russian Chemical Bulletin, 2014, 63, 812-820.	1.5	16

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145	Cobalt diketonate adducts with redox-active diiminosuccinonitriles. <i>Mendeleev Communications</i> , 2014, 24, 329-331.	1.6	16
146	Synthesis and crystal structure of novel fluorescent 1,3,4-oxadiazole-containing carboxylate ligands. <i>Journal of Molecular Structure</i> , 2018, 1157, 374-380.	3.6	16
147	Chromogenic properties of 2-(2-carbomethoxy-3,4-dichloro-6-hydroxyphenyl)benzoxazole and its Zn(II) and Cd(II) complexes. <i>Dyes and Pigments</i> , 2020, 180, 108417.	3.7	16
148	Novel degenerate sigmatropic rearrangements of amidines. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 1181.	2.0	15
149	Perimidmespirocyclohexadienones - a Novel Photo and Thermochromic System. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 297, 205-212.	0.3	15
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