Vladimir A Bren

List of Publications by Year
in descending order

105	1,027	687363 13	526287 27
papers	citations	h-index	g-index

107	107	107	919
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tautomeric Schiff bases: Iono-, solvato-, thermo- and photochromism. Journal of Molecular Structure, 2011, 998, 179-191.	3.6	132
2	Organic chemosensors with crown-ether groups (review). Chemistry of Heterocyclic Compounds, 2008, 44, 899-923.	1.2	69
3	Fluorescent and photochromic chemosensors. Russian Chemical Reviews, 2001, 70, 1017-1036.	6.5	67
4	Luminescent complexes with ligands containing C=N bond. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 858-868.	1.0	66
5	Benzenoid-quinoid tautomerism of azomethines and their structrual analogues XXX. Molecular structure of gallium and boron organometalic compounds with tautomeric azomethines. Journal of Organometallic Chemistry, 1980, 192, 1-15.	1.8	39
6	Tautomeric crown-containing chemosensors for alkali-earth metal cations. Tetrahedron, 2008, 64, 3160-3167.	1.9	33
7	Photochromic crownâ€containing molecular switches of chemosensor activity. Journal of Physical Organic Chemistry, 2007, 20, 917-928.	1.9	28
8	Bifunctional fluorescent and colorimetric â€˜naked eyeâ€™ aroylhydrazone chemosensors for Hg2+ and Fâ€“ ions detection. Mendeleev Communications, 2016, 26, 402-404.	1.6	28
9	The novel azomethine ligands for binuclear copper(II) complexes with ferro- and antiferromagnetic properties. Journal of Coordination Chemistry, 2007, 60, 1493-1511.	2.2	26
10	Chemosensors with crown ether based receptors. Arkivoc, 2008, 2008, 90-102.	0.5	23
11	Photochromic Cation Sensors. Molecular Crystals and Liquid Crystals, 2005, 431, 417-422.	0.9	17
12	Photoswitchable dihetarylethene chemosensors for the selective â€˜naked-eyeâ€™ detection of fluoride anions. Tetrahedron, 2015, 71, 8817-8822.	1.9	15
13	Complexing properties of ambidentate benzo-15-crown-5-substituted azomethine ligands. Russian Journal of General Chemistry, 2006, 76, 992-996.	0.8	13
14	Benzoid-quinoid tautomerism of schiff bases and their structural analogs: LIII. Schiff bases derived from 5-hydroxy- and 5-hydroxy-6-nitro-2,3-diphenyl-1-benzofuran-4-carbaldehydes. Russian Journal of Organic Chemistry, 2007, 43, 559-563.	0.8	13
15	Photoinitiated Rearrangements of 3-Phenylnorbornadiene with conjugated Substituents in 2-Position. Molecular Crystals and Liquid Crystals, 1997, 297, 239-245.	0.3	12
16	Title is missing!. Russian Journal of Organic Chemistry, 2001, 37, 67-71.	0.8	12
17	Synthesis and photochromic properties of spiropyrans containing a fused benzopyranone fragment. Russian Journal of Organic Chemistry, 2009, 45, 1091-1097.	0.8	12
18	Acylotropic intramolecular rearrangements of keto enamines of benzo[b]-annelated heterocycles. Chemistry of Heterocyclic Compounds, 2012, 48, 107-116.	1.2	12

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19	Photochromic 2-(N-acyl-N-arylaminomethylene)benzo[b]thiophene-3(2H)-ones with fluorescent labels and/or crown-ether receptors. Arkivoc, 2003, 2003, 12-20.	0.5	12
20	Biphotochromic Norbornadiene Systems. Molecular Crystals and Liquid Crystals, 1997, 297, 247-253.	0.3	11
21	Title is missing!. Russian Journal of Organic Chemistry, 2002, 38, 139-140.	0.8	11
22	Chemosensors based on N-(9-anthrylmethyl)-benzene-1,2-diamine. Russian Journal of Organic Chemistry, 2008, 44, 557-560.	0.8	11
23	Synthesis of Novel Iono- and Photochromic Spiropyrans Derived from 6,7-Dihydroxy-8-Formyl-4-Methyl-2H-Chromene-2-One. International Journal of Photoenergy, 2009, 2009, 1-6.	2.5	11
24	Synthesis and photochromic properties of novel nonsymmetric dihetarylethenes based on benzindole and thiophene. Russian Chemical Bulletin, 2010, 59, 1639-1644.	1.5	11
25	Synthesis and photochromic properties of new nonsymmetric dihetarylethenes â€" indole and thiophene derivatives. Russian Chemical Bulletin, 2011, 60, 1899-1905.	1.5	11
26	Synthesis and Photochromic Properties of Asymmetric Dihetarylethenes Based on 5-methoxy-1,2-dimethylindole and 5-(4-bromophenyl)-2-methylthiophene. Chemistry of Heterocyclic Compounds, 2014, 50, 932-940.	1.2	11
27	Photochromic and fluorescent 5-coumarinyl-4-pyrrolylthiazoles. Mendeleev Communications, 2016, 26, 193-195.	1.6	11
28	Crystalline and molecular structure of photochromic 2-(N-Acetyl-N-3-Nitrophenylaminomethylene)3-3(2 H)- Benzo[b]-Thiophenone and its photoinitiated acylotropic rearrangement product. Zeitschrift Fur Kristallographie - Crystalline Materials, 1982, 159, 143-160.	0.8	9
29	11-R-dibenzo[b,e][1,4]diazepin-1-ones, the chemosensors for transition metal cations. Russian Journal of General Chemistry, 2012, 82, 1243-1249.	0.8	9
30	Photochromism of novel [1]benzothien-2-yl fulgides. Tetrahedron, 2016, 72, 5776-5782.	1.9	9
31	Title is missing!. Russian Journal of Organic Chemistry, 2002, 38, 1698-1699.	0.8	8
32	New Fluorescent Chemosensors on the Basis of 9-Aminomethylanthracene. Russian Journal of Organic Chemistry, 2003, 39, 1364-1366.	0.8	8
33	Inverse photochromic systems based on ketoenamine derivatives. Russian Chemical Bulletin, 2005, 54, 512-524.	1.5	8
34	New ionochromic azomethinimine chemosensors. Russian Chemical Bulletin, 2015, 64, 668-671.	1.5	8
35	A novel approach to fluorescent photochromic fulgides. Mendeleev Communications, 2016, 26, 21-23.	1.6	8
36	Photochromic Behaviour of 2,3-Substituted Norbornadiehes. Molecular Crystals and Liquid Crystals, 1994, 246, 151-154.	0.3	7

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37	Title is missing!. Russian Journal of Organic Chemistry, 2001, 37, 1318-1322.	0.8	7
38	Title is missing!. Russian Journal of Organic Chemistry, 2002, 38, 1326-1330.	0.8	7
39	Title is missing!. Russian Journal of Organic Chemistry, 2002, 38, 1813-1814.	0.8	7
40	Synthesis and properties of photoacylotropic (2Z)-2-(N-acyl-N-arylaminomethylidene)benzo[b]thiophen-3(2H)-ones with a chiral migrating group. Russian Chemical Bulletin, 2005, 54, 2783-2789.	1.5	7
41	Metal chelates with salicylidene-3-carboethoxy-4,5-dimethylthiophene derivatives as azomethine ligands of a new type. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 879-884.	1.0	7
42	Chemosensors based on N-(2-aminophenyl)-N-(9-anthrylmethyl)amine: II. Russian Journal of Organic Chemistry, 2009, 45, 161-165.	0.8	7
43	Chemosensor properties of mono- and bisthioureas based on 9-anthrylmethyl-substituted alkylamines and diamines. Russian Journal of General Chemistry, 2010, 80, 765-770.	0.8	7
44	Structures and photochromic properties of fulgides based on naphtho[1,2-b]furan and benzo[g]indole. Russian Chemical Bulletin, 2010, 59, 954-959.	1.5	7
45	Photo- and ionochromic indoline spiropyrans based on 7,8-dihydroxy-4-methyl-2-oxo-2H-chromene-6-carbaldehyde. Russian Journal of Organic Chemistry, 2011, 47, 1370-1374.	0.8	7
46	Ionoactive Imines â€“ 1-R-benzimidazol-2-amine Derivatives. Chemistry of Heterocyclic Compounds, 2015, 50, 1665-1670.	1.2	7
47	Synthesis and photochromic properties of fulgides based on naphtho[1,2-b]furan and benzo[g]indole. Russian Journal of Organic Chemistry, 2006, 42, 1861-1863.	0.8	6
48	Synthesis and photochromic properties of 4-[2-(anthracen-9-yl)-5-methyloxazolyl] fulgide. Russian Chemical Bulletin, 2006, 55, 101-105.	1.5	6
49	N,Nâ€²-Bis(9-anthrylmethyl)diamines as fluorescent chemosensors for transition metal cations. Russian Journal of Organic Chemistry, 2007, 43, 388-392.	0.8	6
50	Ambident chemosensors based on benzo[h]chromen-2-one. Russian Journal of Organic Chemistry, 2007, 43, 1836-1841.	0.8	6
51	Synthesis, structures, and photochromic properties of 2-methylthieno[3,2-b][1]benzothiophen-3-ylfulgide. Russian Chemical Bulletin, 2007, 56, 2400-2406.	1.5	6
52	Synthesis, structures, and photochromic properties of N-aryl-3-indolylfulgides. Russian Chemical Bulletin, 2008, 57, 1435-1443.	1.5	6
53	Novel photochromic indolinospiropyrans of coumarin series with high level of colorability. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 321, 12-18.	3.9	6
54	Photochromic properties of 2-(N-acetyl-N-arylaminomethylene)benzo[b]furan-, thiophene-, selenophene- and tellurophene-3(2H)-ones. Arkivoc, 2005, 2005, 60-66.	0.5	6

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55	Synthesis, structures, and photochromic properties of 3-[(E)-alk-1-enyl]-4-(1-alkyl-5-methoxy-2-methyl-1H-indol-3-yl)furan-2,5-diones. Russian Chemical Bulletin, 2011, 60, 1090-1095.	1.5	5
56	Benzoid-quinoid tautomerism of Schiff bases and their structural analogs: LV. Crown-containing N-phenylimines derived from ortho-hydroxycarbaldehydes of the coumarin series. Russian Journal of Organic Chemistry, 2013, 49, 374-378.	0.8	5
57	Synthesis and photochromic properties of fulgides and fulgimides, 5-alkoxybenzo[b]furan derivatives. Russian Chemical Bulletin, 2014, 63, 1780-1784.	1.5	5
58	Synthesis of bis-spiropyrans based on 6,8-diformyl-5,7-dihydroxy-4-methylcoumarin and photochromic properties thereof. Chemistry of Heterocyclic Compounds, 2015, 51, 229-233.	1.2	5
59	Photo- and ionochromic thienyl(coumarinyl)thiazoles. Journal of Molecular Structure, 2018, 1163, 221-226.	3.6	5
60	Bifunctional terpyridine/ o -hydroxyimine chemosensors. Journal of Molecular Structure, 2018, 1154, 219-224.	3.6	5
61	Synthesis and Photo- and Ionochromic and Spectral-Luminescent Properties of 5-Phenylpyrazolidin-3-one Azomethine Imines. International Journal of Photoenergy, 2018, 2018, 1-7.	2.5	5
62	Title is missing!. Russian Journal of Organic Chemistry, 2001, 37, 1034-1037.	0.8	4
63	Structure and Stability of Complexes of N,Nâ€²-Di(9-anthrylmethyl)-1,2-diaminoethane with Cations of Metals from IIB group: Quantum-chemical Study. Russian Journal of Organic Chemistry, 2005, 41, 1175-1182.	0.8	4
64	Synthesis of photochromic 3,4-bis(1,2-dimethylindol-3-yl)-2,5-dihydrothiophene. Russian Journal of Organic Chemistry, 2006, 42, 619-621.	0.8	4
65	New chemosensor systems of the benzo-[de]Isoquinoline-1,3-Dione Series. Chemistry of Heterocyclic Compounds, 2012, 48, 1325-1331.	1.2	4
66	Carbamides as chemosensors for cations Eu3+. Russian Journal of Organic Chemistry, 2013, 49, 1238-1240.	0.8	4
67	trans-1,3-Bis(Anthracen-9-Ylmethyl)Octahydro-Benzimidazoles: Synthesis and Study of Spectral Properties. Chemistry of Heterocyclic Compounds, 2014, 50, 41-45.	1.2	4
68	Synthesis and photochromic and fluorescence properties of 3-(1-benzyl-5-methoxy-2-methylindolyl)-4-thienyl-substituted furan(pyrrole)-2,5-diones. Russian Chemical Bulletin, 2014, 63, 109-114.	1.5	4
69	Photochemical Generation, Photochromism and Photocyclization of 2-Norbornadenyl Substituted Benzo-1,3-Oxazoles. Molecular Crystals and Liquid Crystals, 1997, 297, 233-237.	0.3	3
70	A Voltammetric Study of the Chemosensor Activity of Aminoanthracene Derivatives. Russian Journal of General Chemistry, 2005, 75, 1774-1781.	0.8	3
71	Acylated 2-(N-arylaminomethylene)benzo[b]thiophene-3(2H)-Ones: Molecular Switches with Varying Migrants and Substituents. International Journal of Photoenergy, 2009, 2009, 1-6.	2.5	3
72	Benzoid-quinoid tautomerism of azomethines and their structural analogs: LIV. Dibenzo(benzo)-18-crown-6-containing Imines of 5-hydroxy-2,3-tetramethylene- and 5-Hydroxy-2,3-diphenylbenzo[b]furan-4-carbaldehydes. Russian Journal of Organic Chemistry, 2009, 45, 200-205.	0.8	3

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73	Fluorescent sensors based on 2-substituted imidazolidines. Russian Journal of Organic Chemistry, 2010, 46, 1181-1184.	0.8	3
74	Structure of indoline spiropyrans containing a fused coumarin fragment: Quantum-chemical investigation. Russian Journal of Organic Chemistry, 2011, 47, 1742-1745.	0.8	3
75	Synthesis and highly efficient light-induced rearrangements of diphenylmethylene(2-benzo[b]thienyl)fulgides and fulgimides. Beilstein Journal of Organic Chemistry, 2020, 16, 1820-1829.	2.2	3
76	Bipolar structure of 2-(N-4-methoxyphenylaminomethylene)-1,3-indanedione. Journal of Structural Chemistry, 1984, 25, 292-296.	1.0	2
77	Molecular and crystal structure of 2-(N-benzyl-N-phenylhydrazinoethylidene)-3-(2H)-benzo[b]-thiophenone. Bulletin of the Russian Academy of Sciences Division of Chemical Science, 1992, 41, 2230-2233.	0.0	2
78	Chiral photochromic 2-(N-acyl-N-arylaminomethylene)benzo[b]thiophen-3(2H)-ones. Russian Chemical Bulletin, 2003, 52, 1800-1806.	1.5	2
79	Fluorescent chemosensors on the basis of naphtho[1,8-bc]pyrans. Russian Journal of General Chemistry, 2006, 76, 841-842.	0.8	2
80	N(O)-acylated 2-(N-phenylaminomethylene)benzo[b]thiophene-3(2H)-ones as molecular switches with a variable migrant. High Energy Chemistry, 2008, 42, 606-609.	0.9	2
81	Reactions of complex formation of crown containing chemosensors with cations, anions, and molecules. Russian Journal of General Chemistry, 2010, 80, 163-178.	0.8	2
82	Chemosensors based on N 2-(anthracen-9-ylmethyl)-naphthalene-2,3-diamine. Russian Journal of Organic Chemistry, 2011, 47, 1305-1309.	0.8	2
83	Cation-active photochromic molecular swithches based on acylated enamino ketones of benzo[b]thiophene series. Russian Journal of Organic Chemistry, 2015, 51, 1096-1100.	0.8	2
84	Benzoidâ€“Quinoid tautomerism of schiff bases and their structural analogs: LVII. 2-[(3-oxo-5-phenylpyrazolidin-1-yl)methylidene]-1H-indene-1,3(2H)-dione. Russian Journal of Organic Chemistry, 2016, 52, 541-545.	0.8	2
85	Molecular structure of [(2-hydroxy-1-naphthyl)methylene-N-methylaminato] diphenylboron. Journal of Structural Chemistry, 1980, 21, 195-198.	1.0	1
86	Low-temperature X-ray study of benzoid-quinoid tautomerism in crystals of 2-(N,N-diphenylhydrazinoethylidene)-3(2H)-benzo[b]thiophenone. Russian Chemical Bulletin, 1995, 44, 99-101.	1.5	1
87	Photochemical properties and structures of substituted norbornadienes. Russian Chemical Bulletin, 1995, 44, 487-491.	1.5	1
88	Synthesis of 1,2-bis(3-methylbenzo[b]furan-2-yl)cyclopentene and 1,2-bis(3-methylbenzo[b]furan-2-yl)cyclohexene. Russian Journal of Organic Chemistry, 2006, 42, 1727-1729.	0.8	1
89	Synthesis and reactions of 2-(dimethylaminomethylidene)-6-methoxynaphto[1,8-bc]pyran-3-one. Russian Journal of Organic Chemistry, 2008, 44, 602-606.	0.8	1
90	Synthesis and structure of new 6-substituted 5-methyl-5,6-dihydrocyclohepta[b]indole-9,10-dicarboxylic anhydrides. Russian Journal of Organic Chemistry, 2009, 45, 1382-1385.	0.8	1

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91	Structure and photochromic properties of the crystalline 1,3-dimethyl-2-(3-phenylnorbornadienyl)benzimidazolium tetrafluoroborate. Russian Chemical Bulletin, 2011, 60, 1409-1413.	1.5	1
92	Photoinitiated acylotropic rearrangement of (3-oxobenzo[b]thiophen-2(3H)-ylidene)methyl benzoate. Russian Journal of Organic Chemistry, 2013, 49, 1718-1719.	0.8	1
93	Photo- and ionochromic properties of aza crown derivatives of enamino 1-benzothiophen-2-ones. Russian Journal of Organic Chemistry, 2014, 50, 540-543.	0.8	1
94	Fluorescent chemosensors based on N-aminoimidazole and N-aminobenzimidazole. Russian Journal of Organic Chemistry, 2014, 50, 911-912.	0.8	1
95	Photo- and ionochromic indolyl(thienyl)maleimides containing naphthalimide linkers. Chemistry of Heterocyclic Compounds, 2018, 54, 32-37.	1.2	1
96	An efficient approach to diarylethene-amino acid photochromic fluorescent hybrids. Journal of Molecular Structure, 2021, 1243, 130758.	3.6	1
97	X-ray diffraction study of 1-benzoyl-2-(N-acetyl-N-phenylamino)ethylene. Journal of Structural Chemistry, 1984, 25, 288-292.	1.0	0
98	Crystal and molecular structures of the photochromic 2-(N-acetyl-N-Phenylaminomethylene)-3(2H) benzo[b]furanone and the photochemically inactive 2-(N-phenylaminomethylene)-3(2H)-benzo[b]furanone. Journal of Structural Chemistry, 1984, 25, 93-98.	1.0	0
99	Structure and photochemical properties of 2-(N-benzoyl-N-phenylaminomethylene)- and 2-(N-p-nitrobenzoyl-N-phenylaminomethylene)-3(2H)-benzo[b]thiophenones. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1989, 38, 1412-1416.	0.0	0
100	New heterocyclic derivatives of bicyclo[2.2.1]hepta-2,5-diene. Chemistry of Heterocyclic Compounds, 2013, 48, 1503-1507.	1.2	0
101	Synthesis and photochromism of spiroindoline-2,2'-pyrano[2,3-f]coumarins. Doklady Chemistry, 2015, 465, 299-302.	0.9	0
102	9-(Anthracen-9-ylmethyl)-2-phenylimidazo[1,2-a]benzimidazol. Synthesis and chemosensory properties. Russian Journal of Organic Chemistry, 2015, 51, 599-600.	0.8	0
103	Unexpected synthesis of a novel heterocyclic system â€“ (7E,10aE)-2,7-Dimethylfuro[3â€²,4â€²:6,7]cycloocta[1,2,3-cd]indole-8,10(2H,6H)-dione. Tetrahedron Letters, 2017, 58, 2648-2650.	1.4	0
104	The Photochemical Reactivity of the Norbornadieneâ€“ Quadricyclane System. , 2003, , .		0
105	A novel photochromic hetarylalkylideneisocromandione system. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 427, 113793.	3.9	0