Anatolii V Metelitsa

List of Publications by Year
in descending order

199	2,237	331670	345221
papers	citations	21 h-index	36 g-index

219	219	219	1440
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spirooxazines: synthesis, structure, spectral and photochromic properties. Russian Chemical Reviews, 2002, 71, 893-916.	6.5	167
2	Synthesis, spectral and electrochemical properties of pyrimidine-containing dyes as photosensitizers for dye-sensitized solar cells. Dyes and Pigments, 2014, 100, 201-214.	3.7	74
3	Photochromism and solvatochromism of pushâ€“pull or pullâ€“push spiroindolinenaphthoxazines. Physical Chemistry Chemical Physics, 2002, 4, 4340-4345.	2.8	66
4	Luminescent complexes with ligands containing C=N bond. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 858-868.	1.0	66
5	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
6	Role of structural flexibility in the fluorescence and photochromism of salicylideneaniline: the general scheme of the phototransformations. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 110, 267-270.	3.9	54
7	The structural transformations and photo-induced processes in salicylidene alkylimines. Journal of Molecular Structure, 2000, 526, 65-79.	3.6	52
8	Kinetic and Thermodynamic Investigations of the Photochromism and Solvatochromism of Semipermanent Merocyanines. Journal of Physical Chemistry A, 2001, 105, 8417-8422.	2.5	52
9	Role of structural flexibility in fluorescence and photochromism of the salicylideneaniline: the â€œaldehydeâ€•ring rotation. Journal of Photochemistry and Photobiology A: Chemistry, 1996, 97, 121-126.	3.9	50
10	Photo- and ionochromism of 5â€™-(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
11	Photoâ€•and thermochromic cation sensitive spiro[indolineâ€pyridobenzopyrans]. Journal of Physical Organic Chemistry, 2007, 20, 908-916.	1.9	42
12	Spectroscopic and Theoretical Evidence for the Elusive Intermediate of the Photoinitiated and Thermal Rearrangements of Photochromic Spiropyrans. Journal of Physical Chemistry A, 2005, 109, 9605-9616.	2.5	36
13	Spectral and kinetic properties of a redâ€“blue pH-sensitive photochromic spirooxazine. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 191, 114-121.	3.9	35
14	Complexes of zinc(II) with N-[2-(hydroxyalkyliminomethyl)phenyl]-4-methylbenzenesulfonamides: synthesis, structure, photoluminescence properties and biological activity. Polyhedron, 2018, 144, 249-258.	2.2	32
15	Synthesis, Photophysical and Redox Properties of the Dâ€“Ïâ€“A Type Pyrimidine Dyes Bearing the 9-Phenyl-9H-Carbazole Moiety. Journal of Fluorescence, 2015, 25, 763-775.	2.5	31
16	Metal complexes of new photochromic chelator: Structure, stability and photodissociation. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 265, 1-9.	3.9	30
17	New V-shaped 2,4-di(hetero)arylpyrimidine push-pull systems: Synthesis, solvatochromism and sensitivity towards nitroaromatic compounds. Dyes and Pigments, 2018, 159, 35-44.	3.7	30
18	10-Dimethylamino Derivatives of Benzo[h]quinoline and Benzo[h]quinazolines: Fluorescent Proton Sponge Analogues with Opposed peri-NMe₂/â€“Nâ••Groups. How to Distinguish between Proton Sponges and Pseudo-Proton Sponges. Journal of Organic Chemistry, 2016, 81, 5574-5587.	3.2	27

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19	Mixed-ligand Zn(II) complexes of 1-phenyl-3-methyl-4-formylpyrazole-5-one and various aminoheterocycles: Synthesis, structure and photoluminescence properties. Synthetic Metals, 2016, 220, 543-550.	3.9	25
20	Visible to near-IR molecular switches based on photochromic indoline spiropyrans with a conjugated cationic fragment. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 230, 118041.	3.9	24
21	Photochemical Rearrangement of Diarylethenes: Reaction Efficiency and Substituent Effects. Journal of Organic Chemistry, 2017, 82, 8651-8661.	3.2	23
22	Multistep Thermal Relaxation of Photoisomers in Polyphotochromic Molecules. Journal of Physical Chemistry A, 2004, 108, 10934-10940.	2.5	22
23	Solid state photochromism of spiropyrans. International Journal of Photoenergy, 2005, 7, 17-22.	2.5	21
24	Photochromic spiro[indoline-pyridobenzopyrans]: fluorescent metal ion sensors. Arkivoc, 2005, 2004, 16-24.	0.5	21
25	2-Hetaryl-1,3-tropolones based on five-membered nitrogen heterocycles: synthesis, structure and properties. Beilstein Journal of Organic Chemistry, 2015, 11, 2179-2188.	2.2	20
26	Synthesis and characterization of linear 1,4-diazine-triphenylamineâ€“based selective chemosensors for recognition of nitroaromatic compounds and aliphatic amines. Dyes and Pigments, 2020, 178, 108344.	3.7	20
27	Isomerization and changes of the properties of spiropyrans by mechanical stress: advances and outlook. Chemistry of Heterocyclic Compounds, 2021, 57, 122-130.	1.2	20
28	Novel polychromogenic fluorine-substituted spiropyrans demonstrating either uni- or bidirectional photochromism as multipurpose molecular switches. Dyes and Pigments, 2022, 199, 110043.	3.7	19
29	Title is missing!. Russian Chemical Bulletin, 2003, 52, 1172-1181.	1.5	18
30	Novel photochromic spirocyclic compounds of thienopyrroline series: 1. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 189, 161-166.	3.9	18
31	Chemical and electrochemical synthesis, molecular structures, DFT calculations and optical properties of metal-chelates of 8-(2-tosylaminobenzilideneimino)quinoline. Polyhedron, 2016, 107, 153-162.	2.2	18
32	Structural and Spectral Properties of Photochromic Diarylethenes: Size Effect of the Ethene Bridge. Journal of Organic Chemistry, 2017, 82, 1477-1486.	3.2	18
33	Novel fluorophores based on imidazopyrazine derivatives: Synthesis and photophysical characterization focusing on solvatochromism and sensitivity towards nitroaromatic compounds. Dyes and Pigments, 2019, 168, 248-256.	3.7	18
34	Synthesis, structure and photochromic properties of indoline spiropyrans with electron-withdrawing substituents. Journal of Molecular Structure, 2021, 1229, 129615.	3.6	18
35	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
36	Kinetic modelling of the photochromism and metal complexation of a spiropyran dye: Application to the Co(II) â€“ Spiroindoline-diphenyloxazolebenzopyran system. Dyes and Pigments, 2011, 89, 324-329.	3.7	17

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37	New indoline spiropyrans with highly stable merocyanine forms. Mendeleev Communications, 2021, 31, 403-406.	1.6	17
38	Photochemistry of phenanthroline-containing spirooxazines in a low-temperature methanol matrix. Chemical Physics, 2006, 323, 490-500.	1.9	16
39	Spiropyrans and spirooxazines. Russian Chemical Bulletin, 2008, 57, 151-158.	1.5	16
40	Thermodynamic and kinetic analysis of metal ion complexation by photochromic spiropyrans. Russian Chemical Bulletin, 2009, 58, 1329-1337.	1.5	16
41	Photocyclization of diarylethenes: the effect of imidazole on the oxidative photodegradation process. Photochemical and Photobiological Sciences, 2019, 18, 1101-1109.	2.9	16
42	Benzothiazolyl substituted spiropyrans with ion-driven photochromic transformation. Dyes and Pigments, 2020, 178, 108337.	3.7	16
43	Chromogenic properties of 2-(2-carbomethoxy-3,4-dichloro-6-hydroxyphenyl)benzoxazole and its Zn(II) and Cd(II) complexes. Dyes and Pigments, 2020, 180, 108417.	3.7	16
44	Semipermanent merocyanines of spirocyclic compounds: Photochromic â€œbalanceâ€• Dyes and Pigments, 2021, 186, 109070.	3.7	16
45	Polychromogenic molecular systems based on photo- and ionochromic spiropyrans. Dyes and Pigments, 2018, 158, 506-516.	3.7	15
46	A novel photoreversible photochromic system involving a hydrogen transfer/cyclization sequence. Chemical Communications, 2003, , 2080-2081.	4.1	14
47	Title is missing!. Russian Chemical Bulletin, 2002, 51, 462-466.	1.5	13
48	Synthesis, structure, photo- and electroluminescence studies of bis[2-(N-tosylamino)benzylidene-4â€²-dimethylaminophenylaminato]zinc. Russian Chemical Bulletin, 2014, 63, 1759-1764.	1.5	13
49	Facile synthesis of photoactive diaryl(hetaryl)cyclopentenes by ionic hydrogenation. RSC Advances, 2016, 6, 59016-59020.	3.6	13
50	Heteroacenes Bearing the Pyrimidine Scaffold: Synthesis, Photophysical and Electrochemical Properties. European Journal of Organic Chemistry, 2016, 2016, 1420-1428.	2.4	13
51	Synthesis and study of new photochromic spiropyrans modified with carboxylic and aldehyde substituents. Journal of Molecular Structure, 2019, 1196, 409-416.	3.6	13
52	Novel molecular hybrids of indoline spiropyrans and Î±-lipoic acid as potential photopharmacological agents: Synthesis, structure, photochromic and biological properties. Bioorganic and Medicinal Chemistry Letters, 2021, 31, 127709.	2.2	13
53	Photochromic Spiropyrans of Coumarine Series. Molecular Crystals and Liquid Crystals, 1994, 246, 37-40.	0.3	12
54	Novel photochromic spirocyclic compounds of thienopyrroline series: 2. Spirooxazines. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 206, 116-123.	3.9	12

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55	Synthesis and photochromic properties of spiropyrans containing a fused benzopyranone fragment. Russian Journal of Organic Chemistry, 2009, 45, 1091-1097.	0.8	12
56	Spiropyrans and spirooxazines 8. 5â€²-(1,3-Benzothiazol-2-yl)-substituted spiro[indoline-2,3â€²-naphthopyrans]: synthesis and spectral and photochromic properties. Russian Chemical Bulletin, 2011, 60, 1921-1926.	1.5	12
57	Zinc complexes of 1-Propyl-2-(2-tosylaminophenyl)-5-aminobenzimidazole: Synthesis, structure, and luminescence properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2014, 40, 468-472.	1.0	12
58	Operando XAS and UVâ€“Vis Characterization of the Photodynamic Spiropyranâ€“Zinc Complexes. Journal of Physical Chemistry B, 2019, 123, 1324-1331.	2.6	12
59	Structures of spiropyrans exhibiting photochromic properties in the solid state. Russian Chemical Bulletin, 2021, 70, 2090-2099.	1.5	12
60	The twisted-intramolecular-charge-transfer-state-forming compound as a guest for cyclodextrins. Journal of Photochemistry and Photobiology A: Chemistry, 1993, 75, 119-123.	3.9	11
61	Spiropyrans and spirooxazines. 2. Synthesis, structures, and photochromic properties of 6"-cyano-substituted spironaphthooxazines. Russian Chemical Bulletin, 2003, 52, 2038-2047.	1.5	11
62	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
63	Synthesis and photochromic properties of novel nonsymmetric dihetarylethenes based on benzindole and thiophene. Russian Chemical Bulletin, 2010, 59, 1639-1644.	1.5	11
64	Synthesis and photochromic properties of new nonsymmetric dihetarylethenes â€” indole and thiophene derivatives. Russian Chemical Bulletin, 2011, 60, 1899-1905.	1.5	11
65	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
66	Quantitative investigations of thermal and photoinduced J- and H-aggregation of hydrophobic spirooxazines in binary solvent through UV/vis spectroscopy. RSC Advances, 2014, 4, 20974-20983.	3.6	11
67	Synthesis, structural and optical properties of 1-alkyl-2-(2â€™-tosylaminophenyl)-5-nitrobenzimidazoles and their zinc(II) complexes. Journal of Molecular Structure, 2016, 1104, 7-13.	3.6	11
68	Chromogenic systems based on 8-(1,3-benzoxazol-2-yl) substituted spirobenzopyrans undergoing ion modulated photochromic rearrangements. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 360, 174-180.	3.9	11
69	Photochromic properties of six 5-O-n-alkyl,6â€²-CN substituted spironaphthoxazines. International Journal of Photoenergy, 2004, 6, 199-204.	2.5	10
70	Spiropyrans and spirooxazines. 3. Synthesis of photochromic 5â€²-(4,5-diphenyl-1,3-oxazol-2-yl)-spiro[indoline-2,3â€²-naphtho[2,3-b]pyran]. Russian Chemical Bulletin, 2005, 54, 705-710.	1.5	10
71	Solvation effects on spirooxazine to merocyanine thermal reversion kinetics in acetonitrile-water binary mixtures. Journal of Physical Organic Chemistry, 2005, 18, 315-320.	1.9	10
72	Photochromism of the Spiropyran Thin Solid Films. Molecular Crystals and Liquid Crystals, 2005, 431, 351-356.	0.9	10

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73	Electrochemical and chemical synthesis of new luminescent schiff base complexes. Russian Journal of General Chemistry, 2010, 80, 292-300.	0.8	10
74	Synthesis, crystal structure, and electroluminescent properties of zinc and cadmium tetradentate azomethine complexes. Russian Journal of Inorganic Chemistry, 2014, 59, 721-732.	1.3	10
75	Spectroscopic, photochromic and kinetic properties of 5'-benzothiazolyl derivatives of spiroindolinenaphthopyrans: An experimental and theoretical study. Dyes and Pigments, 2014, 111, 108-115.	3.7	10
76	Experimental and theoretical insight into the complexation behavior of spironaphthopyrans bearing o- positioning benzazole moiety. Journal of Molecular Structure, 2017, 1145, 55-64.	3.6	10
77	Synthesis and study of new photochromic unsymmetrical bis-spiropyrans with nonequivalent heteroarene fragments conjugated through the common 2H,8H-pyrano[2,3-f]chromene moiety. Journal of Molecular Structure, 2020, 1221, 128808.	3.6	10
78	Structure and Properties of 1,3,3-Trimethyl-6â€²-chlorospiro[indoline-2,2â€²-2H-chromene]. Russian Journal of General Chemistry, 2021, 91, 1297-1304.	0.8	9
79	Nucleation/growth of the platinum nanoparticles under the liquid phase synthesis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 630, 127525.	4.7	9
80	Spiropyrans and spirooxazines 5. Synthesis of photochromic 8-(4,5-diphenyl-1,3-oxazol-2-yl)-substituted spiro[indoline-benzopyrans]. Russian Chemical Bulletin, 2009, 58, 156-161.	1.5	8
81	Spiropyrans and spirooxazines 10. Synthesis of photochromic 5â€²-(1,3-benzoxazol-2-yl)-substituted spiro[indoline-naphthopyrans]. Russian Chemical Bulletin, 2014, 63, 1373-1377.	1.5	8
82	Synthesis and studies of new photochromic spiropyrans containing a formylcoumarin fragment. Russian Chemical Bulletin, 2016, 65, 944-951.	1.5	8
83	Zinc(II) and cadmium(II) N,N'-Bis(2-N-Tosylaminobenzylidene) diaminodipropyliminates: Syntheses, structures, and photoluminescence properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2016, 42, 701-710.	1.0	8
84	Ion-depended photochromism of oxadiazole containing spiropyrans. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 378, 201-210.	3.9	8
85	Chemical and electrochemical synthesis, structure, photoluminescent properties, and biological activity of 4â€²methylâ€Nâ€[2â€[(Z)â€2â€(2â€pyridyl)alkyliminomethyl]phenyl]benzenesulfamide zinc(II) complexes. Applied Organometallic Chemistry, 2020, 34, e5302.	3.5	8
86	Photo-controlled bipolar absorption switches based on 5-dimethylamino substituted indoline spiropyrans with semipermanent merocyanines. New Journal of Chemistry, 2021, 45, 13529-13538.	2.8	8
87	New Trends in Spiro-compounds Photochromic Metals Sensors: Quantitative Aspects. , 2017, , 3-35.		8
88	Synthesis, Structure, Spectral-Luminescent Properties, and Biological Activity of Chlorine-Substituted Azomethines and Their Zinc(II) Complexes. Russian Journal of General Chemistry, 2021, 91, 1706-1716.	0.8	8
89	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
90	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

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91	Photo- and thermochromic spirans 37.* New symmetrical bisspiropyrans of the indoline series. Chemistry of Heterocyclic Compounds, 2012, 48, 1361-1370.	1.2	7
92	Synthesis, crystal molecular structure, and magnetic characteristics of coordination polymers formed by Co(<scp>ii</scp>) diketonates with pentaheterocyclic triphenodioxazines. New Journal of Chemistry, 2021, 45, 304-313.	2.8	7
93	Synthesis, structure, and photoluminescent and electroluminescent properties of zinc(II) complexes with bidentate azomethine ligands. Applied Organometallic Chemistry, 2021, 35, e6107.	3.5	7
94	Chromogenic properties of heterocyclic compounds: Barochromic effect of indoline spiropyrans in the gas phase. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 430, 113982.	3.9	7
95	Light-induced adiabatic structural relaxation and electronic energy deactivation in Pyridinium bications. Journal of Photochemistry and Photobiology A: Chemistry, 2000, 132, 59-66.	3.9	6
96	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
97	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
98	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
99	Photo- and thermochromic spiranes. 31.* Photochromic cationic spiropyrans with a pyridinium fragment in the aliphatic side chain*2. Chemistry of Heterocyclic Compounds, 2008, 44, 1229-1237.	1.2	6
100	Synthesis, structures, and photochromic properties of N-aryl-3-indolylfulgides. Russian Chemical Bulletin, 2008, 57, 1435-1443.	1.5	6
101	Photochromism of 2-benzyl-3-benzoyl-4(1H)-quinolone derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 201, 8-14.	3.9	6
102	Photochromic and thermochromic spiranes. 34.* synthesis of photochromic 5-(4,5-diphenyl-1,3-oxazol-2-yl)-substituted spirobenzochromeneindolines. Chemistry of Heterocyclic Compounds, 2011, 47, 865-876.	1.2	6
103	Photo- and thermochromic spirans. 38*. New (1-alkyl-4,5-diphenyl)imidazolyl-substituted spirobenzopyrans. Chemistry of Heterocyclic Compounds, 2013, 48, 1533-1538.	1.2	6
104	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
105	Synthesis and properties of new Ï€-conjugated imidazole/carbazole structures. Dyes and Pigments, 2017, 141, 512-520.	3.7	6
106	Photochromic coumarin spiropyranes with switching of optical properties by lanthanide ions. Russian Chemical Bulletin, 2019, 68, 1223-1231.	1.5	6
107	Modulation of diarylethene fluorescence by photochromic switching and solvent polarity. Mendeleev Communications, 2019, 29, 564-566.	1.6	6
108	Photoinduced Skeletal Rearrangement of Diarylethenes: Photorelease of Lewis Acid and Synthetic Applications. Journal of Organic Chemistry, 2021, 86, 16806-16814.	3.2	6

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109	The Influence of Molecular and Crystal Structure on the Character of Photoconversions in the Crystals of C-(2-naphthyl-1-vinyl)-N-n-methylphenyl Nitrone and C-(2-naphthyl-1-vinyl)-N-phenyl Nitrone. Molecular Crystals and Liquid Crystals, 1992, 220, 231-244.	0.3	5
110	New Photochromic bis-Spirocyclic Systems. Molecular Crystals and Liquid Crystals, 1997, 297, 219-226.	0.3	5
111	Identification and extractionâ€"spectrophotometric or extractionâ€"fluorimetric determination of organic nitrogen-containing triiodides, new biologically active compounds. Journal of Analytical Chemistry, 2000, 55, 245-248.	0.9	5
112	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
113	Spiropyrans and spirooxazines 6. The spectral and kinetic properties of 5-(4,5-diphenyl-1,3-oxazol-2-yl)-substituted spironaphthopyrans: an experimental and theoretical study. Russian Chemical Bulletin, 2011, 60, 456-464.	1.5	5
114	Photo- and thermochromic spirans. 35.* Synthesis and photochromic properties of spiro[indoline-2,3â€²-pyrano[3,2-f]quinolines] and their cationic derivatives. Chemistry of Heterocyclic Compounds, 2012, 48, 525-531.	1.2	5
115	Synthesis and photochromic properties of fulgides and fulgimides, 5-alkoxybenzo[b]furan derivatives. Russian Chemical Bulletin, 2014, 63, 1780-1784.	1.5	5
116	Photo- and Thermochromic Spirans 40*. Spiropyrans based on 5-Benzoxazolyl-4-Hydroxyisophthalic Aldehyde. Chemistry of Heterocyclic Compounds, 2014, 49, 1815-1820.	1.2	5
117	Photo- and thermochromic spiropyrans 43*. Spectral kinetic study of new benzoxazolyl-substituted spirobenzopyrans. Chemistry of Heterocyclic Compounds, 2015, 51, 223-228.	1.2	5
118	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
119	Spiropyrans and spirooxazines. Russian Chemical Bulletin, 2015, 64, 677-682.	1.5	5
120	Spiropyrans and spirooxazines 12. Synthesis and complexation of a rhodamine-substituted spiro[benzopyran-indoline]. Russian Chemical Bulletin, 2016, 65, 2895-2900.	1.5	5
121	Synthesis, structure, and photoluminescence properties of bis[2-(1,3-benzoxazol-2-yl-Î²N)-4,5-dichloro-3-(ethoxycarbonyl)phenolato-Î²O]zinc(II). Russian Journal of Organic Chemistry, 2016, 52, 1018-1021.	0.8	5
122	Proton-induced fluorescence in modified quino[7,8-h]quinolines: dual sensing for protons and Ï€-donors. Organic and Biomolecular Chemistry, 2019, 17, 8221-8233.	2.8	5
123	Photochromic Properties of Novel Spirooxazines of the Naphthalene and Phenanthrene Series in Polymeric Films. Molecular Crystals and Liquid Crystals, 1997, 298, 175-180.	0.3	4
124	Photochromic Spiro[7H-furo(3,2-f)-(2H-1)-benzopyran-7,2â€™-indolines]: Experimental and Computational Evidence for the Elusive Intermediate of the Photoinitiated Ring Opening Reaction of Spiropyrans. Molecular Crystals and Liquid Crystals, 2005, 430, 45-52.	0.9	4
125	Synthesis and Photochromism of Dihetarylethenes and Spiro Compounds based on Thiophene Derivatives. Molecular Crystals and Liquid Crystals, 2005, 431, 329-335.	0.9	4
126	Synthesis of Novel Photochromic Spiro Compounds based on Thieno[3,2-b]Pyrroles. Molecular Crystals and Liquid Crystals, 2005, 431, 307-313.	0.9	4

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127	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
128	New photochromic spirobenzofuran-isobenzofurans. Chemistry of Heterocyclic Compounds, 2010, 46, 500-501.	1.2	4
129	Photochromic properties of phenanthroline-annulated spirooxazine in the solid state. Russian Chemical Bulletin, 2011, 60, 124-131.	1.5	4
130	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
131	Synthesis and complex formation of spirobenzopyranindolines containing rhodamine fragment. Russian Journal of General Chemistry, 2017, 87, 1007-1014.	0.8	4
132	Synthesis, structure, and photoluminescence properties of 4-methyl-N-{2-([1-alkyl-2-[2-(p-tolylsulfonylamino)phenyl]benzimidazol-5-yl]iminomethyl)phenyl}benzenesulfonamides and their zinc complexes. Russian Journal of General Chemistry, 2017, 87, 764-772.	0.8	4
133	Synthesis, structure, and photoluminescence properties of N-{2-[5-(2-hydroxyphenylmethyleneamino)-1-alkylbenzimidazol-2-yl]phenyl}-4-methylbenzenesulfamides and their zinc complexes. Russian Journal of General Chemistry, 2017, 87, 76-85.	0.8	4
134	Synthesis and Complex Formation of Rhodamine-Substituted Spirobenzopyranindolines. Russian Journal of General Chemistry, 2018, 88, 968-972.	0.8	4
135	Insights into the solvents effect on spectral and photophysical properties of novel fluorescent heteroaromatic bis-peri-fused azoxonium cations. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 370, 127-134.	3.9	4
136	Synthesis and structure of indoline spiropyrans based on benzo[f]coumarin. Russian Chemical Bulletin, 2020, 69, 1378-1384.	1.5	4
137	On Photocolored Product Structure of Photochromic Azomethines in Solutions and Crystals. Molecular Crystals and Liquid Crystals, 1994, 246, 315-318.	0.3	3
138	Synthesis, structure, and spectral and photochemical properties of fulgides of the indole series with an adamantylidene fragment. Russian Chemical Bulletin, 1996, 45, 2184-2188.	1.5	3
139	Title is missing!. Russian Journal of Organic Chemistry, 2001, 37, 527-538.	0.8	3
140	Photoisomerization of quinolin-2-yl derivatives of Î²-tropolone. Russian Chemical Bulletin, 2006, 55, 484-491.	1.5	3
141	Spiropyrans Containing the Reactive Substituents in the 2H-Chromene Moiety. International Journal of Photoenergy, 2007, 2007, 1-6.	2.5	3
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