Sergey Aldoshin

List of Publications by Year
in descending order

331	2,570	304602	414303
papers	citations	22 h-index	32 g-index

341	341	341	1798
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Light or Heat: What Is Killing Lead Halide Perovskites under Solar Cell Operation Conditions?. Journal of Physical Chemistry Letters, 2020, 11, 333-339.	2.1	85
2	Single-Ion Magnet Et₄N[Co^{II}(hfac)₃] with Nonuniaxial Anisotropy: Synthesis, Experimental Characterization, and Theoretical Modeling. Inorganic Chemistry, 2016, 55, 9696-9706.	1.9	66
3	Preparation, structure, and main properties of bimolecular crystals CL-20â€"DNP and CL-20â€"DNG. Russian Chemical Bulletin, 2015, 64, 366-374.	0.4	49
4	Intrinsic thermal decomposition pathways of lead halide perovskites APbX3. Solar Energy Materials and Solar Cells, 2020, 213, 110559.	3.0	45
5	Synthesis, Structure and Solid-Phase Transformations of Fe Nitrosyl Complex Na2[Fe2(S2O3)2(NO)4] Â· 4H2O. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 301-306.	0.3	44
6	Evidence of field induced slow magnetic relaxation in cis-[Co(hfac)₂(H₂O)₂] exhibiting tri-axial anisotropy with a negative axial component. Dalton Transactions, 2017, 46, 7540-7548.	1.6	42
7	Structure and properties of iron nitrosyl complexes with functionalized sulfur-containing ligands. Russian Chemical Bulletin, 2011, 60, 1223-1251.	0.4	41
8	Quantum entanglement and quantum discord in magnetoactive materials (Review Article). Low Temperature Physics, 2014, 40, 3-16.	0.2	37
9	Nitrosyl iron complexes with enhanced NO donating ability: synthesis, structure and properties of a new type of salt with the DNIC cations [Fe(SC(NH₂)₂)₂(NO)₂]⁺. New Journal of Chemistry, 2015, 39, 1022-1030.	1.4	36
10	Functional models of [Feâ€"S] nitrosyl proteins. Russian Chemical Bulletin, 2004, 53, 2428-2448.	0.4	34
11	A new member of the cationic dinitrosyl iron complexes family incorporating N-ethylthiourea is effective against human HeLa and MCF-7 tumor cell lines. Journal of Coordination Chemistry, 2016, 69, 812-825.	0.8	31
12	Title is missing!. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 179-183.	0.3	30
13	Energetic potential of solid composite propellants based on CL-20-containing bimolecular crystals. Russian Chemical Bulletin, 2016, 65, 2018-2024.	0.4	28
14	Field-induced single-ion magnet behaviour of a hexacoordinated Co(<scp>ii</scp>) complex with easy-axis-type magnetic anisotropy. Dalton Transactions, 2019, 48, 6960-6970.	1.6	28
15	Incorporation of Vanadium(V) Oxide in Hybrid Hole Transport Layer Enables Long-term Operational Stability of Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2020, 11, 5563-5568.	2.1	28
16	Phenazineoxonium chloranilatomanganate and chloranilatoferrate: synthesis, structure, magnetic properties, and MÃ¶ssbauer spectra. Russian Chemical Bulletin, 2011, 60, 1209-1219.	0.4	27
17	Concomitant Photochemical and Phase Rearrangements 2. Luminescent and X-Ray Studies on Photochemistry of Cis- and Trans-1,2-Di-(1 -Naphthyl)ethylenes in the Crystalline State. Molecular Crystals and Liquid Crystals, 1984, 108, 1-17.	0.9	26
18	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. Tetrahedron, 2010, 66, 8763-8771.	1.0	26

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19	Purely Spectroscopic Determination of the Spin Hamiltonian Parameters in High-Spin Six-Coordinated Cobalt(II) Complexes with Large Zero-Field Splitting. Inorganic Chemistry, 2019, 58, 16434-16444.	1.9	25
20	A new crystalline HMX polymorph: É›-HMX. Russian Journal of Physical Chemistry B, 2010, 4, 934-941.	0.2	24
21	Structure and properties of Î¼2-S-[bis(benzenethiolato)tetranitrosyldiiron] in solution. Russian Chemical Bulletin, 2010, 59, 1126-1136.	0.4	24
22	Crystal structure of cocrystals 2,4,6,8,10,12-hexanitro-2,4,6,8,10,12-hexaazatetracyclo [5.5.0.05.9.03.11]dodecane with 7H-tris-1,2,5-oxadiazolo (3,4-b:3â€²,4â€²-d:3â€³,4â€³-f) azepine. Journal of Structural Chemistry, 2014, 55, 327-331.	0.8	24
23	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.	2.0	24
24	Highly sensitive and selective ammonia gas sensor based on FAPbCl₃ lead halide perovskites. Journal of Materials Chemistry C, 2021, 9, 2561-2568.	2.7	24
25	Photochemistry of arylhydrazides in solution. Russian Chemical Bulletin, 2000, 49, 666-668.	0.4	22
26	[Fe2(Î¼-SC5H4N)2(NO)4] as a New Potential NO Donor: Synthesis, Structure, and Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 341-345.	0.3	22
27	New method for the synthesis of Î²-tropolones: Structures of condensation products of o-quinones with 2-methylquinolines and the mechanism of their formation. Russian Chemical Bulletin, 2006, 55, 2032-2055.	0.4	22
28	Film Deposition Techniques Impact the Defect Density and Photostability of MAPbI₃ Perovskite Films. Journal of Physical Chemistry C, 2020, 124, 21378-21385.	1.5	22
29	Bi-nuclear nitrosyl iron complex with 2-mercapto-imidazolyl: Synthesis, structure and magnetic properties. Journal of Molecular Structure, 2005, 752, 110-114.	1.8	21
30	Thermally-induced paramagnetism of spiropyrane iodides. New Journal of Chemistry, 2009, 33, 1374.	1.4	20
31	New conformer of 2,4,6,8,10,12-hexanitro-2,4,6,8,10,12-hexaazaisowurtzitane (CL-20). Crystal and molecular structures of the CL-20 solvate with glyceryl triacetate. Russian Chemical Bulletin, 2011, 60, 1394-1400.	0.4	20
32	2-Hetaryl-1,3-tropolones based on five-membered nitrogen heterocycles: synthesis, structure and properties. Beilstein Journal of Organic Chemistry, 2015, 11, 2179-2188.	1.3	20
33	Mixed-valence clusters: Prospects for single-molecule magnetoelectrics. Coordination Chemistry Reviews, 2021, 426, 213555.	9.5	20
34	Charge transfer and hydrogen bond energy in glycinium salts. Russian Chemical Bulletin, 2009, 58, 31-40.	0.4	19
35	Proton conductivity of calix[n]arene-para-sulfonic acids (n = 4, 8). Russian Chemical Bulletin, 2012, 61, 1892-1899.	0.4	19
36	Influence of aromatic ligand on the redox activity of neutral binuclear tetranitrosyl iron complexes [Fe2(Î¼-SR)2(NO)4]: experiments and quantum-chemical modeling. New Journal of Chemistry, 2014, 38, 292-301.	1.4	19

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37	Novel polychromogenic fluorine-substituted spiropyrans demonstrating either uni- or bidirectional photochromism as multipurpose molecular switches. Dyes and Pigments, 2022, 199, 110043.	2.0	19
38	Synthesis, crystal structures, MÃ¶ssbauer spectra, and redox properties of binuclear and tetranuclear iron-sulfur nitrosyl clusters. Russian Chemical Bulletin, 2000, 49, 444-451.	0.4	18
39	Photochemical generation of tripletâ€"triplet nitrene pairs in aromatic diazide crystals. Russian Chemical Bulletin, 2008, 57, 524-531.	0.4	18
40	Synthesis, structure and photochromic properties of indoline spiropyrans with electron-withdrawing substituents. Journal of Molecular Structure, 2021, 1229, 129615.	1.8	18
41	Quantum entanglement in nitrosyl iron complexes. Journal of Experimental and Theoretical Physics, 2008, 107, 804-811.	0.2	17
42	Molecular and electronic structure and IR spectra of mononuclear dinitrosyl iron complex Fe(SC2H3N3)(SC2H2N3)(NO)2]: a theoretical study. Russian Chemical Bulletin, 2007, 56, 1289-1297.	0.4	16
43	Heading to photoswitchable magnets. Russian Chemical Bulletin, 2008, 57, 718-735.	0.4	16
44	A new class of nitric oxide donors. Herald of the Russian Academy of Sciences, 2016, 86, 158-163.	0.2	16
45	Some new trends in the design of single molecule magnets. Pure and Applied Chemistry, 2017, 89, 1119-1143.	0.9	16
46	Phase transformations of 2,4,6,8,10,12-hexanitrohexaazaisowurtzitane: the role played by water, dislocations, and density. Russian Journal of Physical Chemistry B, 2009, 3, 486-493.	0.2	15
47	Structure of a bimolecular crystal of 2,4,6,8,10,12-hexanitro-2,4,6,8,10,12-hexaazaisowurtzitane and methoxy-NNO-azoxymethane. Journal of Structural Chemistry, 2017, 58, 113-118.	0.3	15
48	Semiclassical versus quantum-mechanical vibronic approach in the analysis of the functional characteristics of molecular quantum cellular automata. Physical Chemistry Chemical Physics, 2019, 21, 16751-16761.	1.3	15
49	A parametric two-mode vibronic model of a dimeric mixed-valence cell for molecular quantum cellular automata and computationalab initioverification. Physical Chemistry Chemical Physics, 2020, 22, 25982-25999.	1.3	15
50	New Metal Chelates with Sterically Hindered Azo Ligands: Synthesis and Physicochemical Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 533-540.	0.3	14
51	Structure and properties of binuclear nitrosyl iron complex with benzimidazole-2-thiolyl. Dalton Transactions, 2009, , 1703.	1.6	14
52	The structures of the dicationic tetranitrosyl iron complex with cysteamine [Fe2S2(CH2CH2NH3)2(NO)4]2+ and its decomposition products in protic media: an experimental and theoretical study. Russian Chemical Bulletin, 2012, 61, 1-11.	0.4	14
53	[Bu4N]2[Fe2(Î¼-S2O3)2(NO)4]: Synthesis, Structure, Redox Properties, and EPR Study. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 657-663.	0.3	13
54	Copper(II) Nitrate Complex with Acrylamide: Synthesis and Crystal Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 735-737.	0.3	13

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55	Title is missing!. Russian Chemical Bulletin, 2002, 51, 462-466.	0.4	13
56	Structures of bis(1-methyltetrazole-5-thiolato)(tetranitrosyl)diiron and its intermediates in solutions. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 876-886.	0.3	13
57	The first photochromic bimetallic assemblies based on Mn(<scp>iii</scp>) and Mn(<scp>ii</scp>) Schiff-base (salpn, dapsc) complexes and pentacyanonitrosylferrate. CrystEngComm, 2015, 17, 3866-3876.	1.3	13
58	Investigation of a new product of a condensation reation between 1,2,3,3-tetramethylindolenilium perchlorate and 2,6-diformyl-4-methyl-phenol. Journal of Structural Chemistry, 2016, 57, 1270-1271.	0.3	13
59	Photo-and thermochromic spiranes. 24. Novel photochromic spiropyrans from 2,4-dihydroxyisophthalaldehyde. Chemistry of Heterocyclic Compounds, 2006, 42, 803-812.	0.6	12
60	Development of technological foundations of production of glass/polymer composite materials using tetrafluoroethylene oligomers (Telomers) as binders. Doklady Chemistry, 2013, 449, 103-106.	0.2	12
61	Transitions from Stable to Metastable States in the Cr₂O_n and Cr₂O_n^{â€“} Series, n = 1â€“14. Journal of Physical Chemistry A, 2017, 121, 845-854.	1.1	12
62	Molecular and crystal structure of a cationic dinitrosyl iron complex with 1,3-dimethylthiourea. Journal of Structural Chemistry, 2017, 58, 353-355.	0.3	12
63	Polymorphism of bimolecular crystals of CL-20 with tris[1,2,5]oxadiazolo[3,4-b:3Â´,4Â´-d:3â€³,4â€³-f]azepine-7-amine. Russian Chemical Bulletin, 2017, 66, 694-701.	0.4	12
64	Molecule Based Materials for Quantum Cellular Automata: A Short Overview and Challenging Problems. Israel Journal of Chemistry, 2020, 60, 527-543.	1.0	12
65	Structures of spiropyrans exhibiting photochromic properties in the solid state. Russian Chemical Bulletin, 2021, 70, 2090-2099.	0.4	12
66	Synthesis and reactivity of metal-containing monomers. Russian Chemical Bulletin, 1999, 48, 1174-1177.	0.4	11
67	Spiropyrans and spirooxazines. 2. Synthesis, structures, and photochromic properties of 6"-cyano-substituted spironaphthooxazines. Russian Chemical Bulletin, 2003, 52, 2038-2047.	0.4	11
68	Potentional photomagnetic materials based on cation photochromic mononitrosyl complex of ruthenium. European Physical Journal Special Topics, 2004, 114, 459-462.	0.2	11
69	Photo-and thermochromic spiranes. 29. New photochromic indolinospiropyrans containing a quinoline fragment. Chemistry of Heterocyclic Compounds, 2007, 43, 576-586.	0.6	11
70	Structure of the binuclear tetranitrosyl iron complexes with a pyrimidin-2-yl ligand of the Î¼2-S type and the pH effect on its NO-donor ability in aqueous solutions. Russian Chemical Bulletin, 2009, 58, 572-584.	0.4	11
71	Crystal structure of 2,4,6,8,10,12-hexanitro-2,4,6,8,10,12-hexaazaisowurtzitane solvate with É›-caprolactam. Journal of Structural Chemistry, 2014, 55, 709-712.	0.3	11
72	Quantum chemical modeling of possible reactions of mononuclear iron nitrosyl complex [Fe(SC(NH2)2)2(NO)2]Clâ€¢H2O in an aqueous solution. Russian Chemical Bulletin, 2017, 66, 1842-1846.	0.4	11

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73	Materials for bipolar plates for proton-conducting membrane fuel cells. Russian Journal of General Chemistry, 2007, 77, 752-765.	0.3	10
74	Generation of quintet dinitrenes by low-temperature radiolysis of crystalline 2,4,6-triazido-3,5-dicyanopyridine. Doklady Physical Chemistry, 2008, 418, 7-12.	0.2	10
75	The kinetics of the polymorphic transition of the Î±-form of 2,4,6,8,10,12-hexanitrohexaazaisowurtzitane. Russian Journal of Physical Chemistry A, 2009, 83, 29-33.	0.1	10
76	Magnetic exchange coupling in transition metal complexes with bidentate bridging ligands: a quantum chemical study. Russian Chemical Bulletin, 2011, 60, 1040-1044.	0.4	10
77	Influence of the cation on the properties of binuclear iron nitrosyl complexes. Synthesis and crystal structure of [Pr4 nN]2[Fe2S2(NO)4]. Russian Chemical Bulletin, 2000, 49, 1109-1112.	0.4	9
78	Photo-and thermochromic properties of 1â€²,3â€²,3â€²-trimethyl-6-nitro-8-pyridiniomethylspiro[2H-[1]benzopyran-2,2â€²-indoline] chloride in the crystalline state. Russian Chemical Bulletin, 2006, 55, 1605-1611.	0.4	9
79	Experimental and theoretical studies of the structure and IR spectra of neutral diamagnetic binuclear iron nitrosyl complexes Fe2(Âµ-SC6â^'n H5â^'n Nn)2(NO)4 (n = 0, 1, 2). Russian Chemical Bulletin, 2006, 55, 2133-2142.	0.4	9
80	Synthesis and structure of asymmetric 2,4,6-triazidopyridines. Chemistry of Heterocyclic Compounds, 2011, 47, 817-825.	0.6	9
81	Synthesis, structure, and properties of a new representative of the family of calix[4]arene-containing [MnII 2MnIII 2]-clusters. Russian Chemical Bulletin, 2013, 62, 536-542.	0.4	9
82	Synthesis and Structure of a New Polydentate 8-Hydroxyquinoline Ligand System with a 1,3-Tropolone Fragment at Position 2 in the Quinoline Ring. Chemistry of Heterocyclic Compounds, 2014, 50, 828-837.	0.6	9
83	Photochromism of novel [1]benzothien-2-yl fulgides. Tetrahedron, 2016, 72, 5776-5782.	1.0	9
84	Bis(4-nitrobenzenethiolato)tetranitrosyldiiron: synthesis, structure, and pharmacological activity of a new nitric oxide (NO) donor. Russian Chemical Bulletin, 2017, 66, 1706-1711.	0.4	9
85	Mixed-Valence Magnetic Molecular Cell for Quantum Cellular Automata: Prospects of Designing Multifunctional Devices through Exploration of Double Exchange. Journal of Physical Chemistry C, 2020, 124, 25602-25614.	1.5	9
86	Synthesis and study of new indoline spiropyran and its derivative with Î±-lipoic acid exhibiting low cytotoxicity. Russian Chemical Bulletin, 2021, 70, 1388-1393.	0.4	9
87	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.	0.3	9
88	Towards the design of molecular cells for quantum cellular automata: critical reconsideration of the parameter regime for achieving functionality. Dalton Transactions, 2021, 51, 286-302.	1.6	9
89	Title is missing!. Chemistry of Heterocyclic Compounds, 2003, 39, 315-317.	0.6	8
90	Specific spectral properties of a photochromic ferromagnetic (C25H23N3O3Cl)CrMn(C2O4)3Â·H2O. Russian Chemical Bulletin, 2007, 56, 1095-1102.	0.4	8

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91	Synthesis, structure, and the photomagnetic effect in crystals of 1,3,3,7â€²-tetramethylspiro[indoline-2,2â€²-2H-pyrano[3,2-f]quinolinium] tris(oxalato)chromate(III). Russian Chemical Bulletin, 2008, 57, 2495-2505.	0.4	8
92	3,5-Di-tert-butyl-1,2-benzoquinone in the synthesis of quinolino[4,5-bc][1,5]benzoxazepines, aminophenols, and phenoxazines. Russian Journal of Organic Chemistry, 2009, 45, 442-448.	0.3	8
93	The nature of chemical bonding in nitramide. Russian Chemical Bulletin, 2011, 60, 2161-2174.	0.4	8
94	Synthesis, structure, and NO-donor activity of bis(5-nitropyridine-2-thiolato)tetranitrosyliron. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2012, 38, 671-682.	0.3	8
95	Structure and properties of cocrystals of trinitrotoluene and 2,4,6,8,10,12-hexanitro-2,4,6,8,10,12-hexaazaisowurtzitane. Russian Chemical Bulletin, 2013, 62, 1354-1360.	0.4	8
96	Crystal structure of 4,4â€³-dinitro-[3,3â€²,4â€²,3â€³]-tris-[1,2,5]-oxadiazole. Journal of Structural Chemistry, 2013, 54, 462-464.	0.3	8
97	Synthesis and properties of polyvinylpyrrolidone films containing iron nitrosyl complexes as nitric oxide (NO) donors with antitumor and antiseptic activities. Russian Chemical Bulletin, 2015, 64, 1616-1622.	0.4	8
98	Localizationâ€“Delocalization in Bridged Mixed-Valence Metal Clusters: Vibronic PKS Model Revisited. Journal of Physical Chemistry A, 2015, 119, 9844-9856.	1.1	8
99	Structure and properties of a bimolecular crystal (2CL-20 + MNO). Journal of Structural Chemistry, 2016, 57, 1613-1618.	0.3	8
100	Vibrational smearing of the electron density as function of the strength and directionality of interatomic interactions: nonvalent interactions of a nitro group within an island-type crystal [Fe(NO)2(SC6H4NO2)]2. Russian Chemical Bulletin, 2016, 65, 1473-1487.	0.4	8
101	Features of the decomposition of the neutral nitrosyl iron complexes with aryl-containing thiolate ligands in various solvents. Reaction with glutathione. Russian Chemical Bulletin, 2017, 66, 821-827.	0.4	8
102	Anticancer Activity of Dinitrosyl Iron Complex (NO Donor) on the Multiple Myeloma Cells. Doklady Biochemistry and Biophysics, 2019, 486, 238-242.	0.3	8
103	Exploration of the double exchange in quantum cellular automata: proposal for a new class of cells. Chemical Communications, 2020, 56, 10682-10685.	2.2	8
104	Field-induced single-ion magnet based on a quasi-octahedral Co(<scp>ii</scp>) complex with mixed sulfurâ€“oxygen coordination environment. Dalton Transactions, 2021, 50, 13815-13822.	1.6	8
105	Field supported slow magnetic relaxation in a quasi-one-dimensional copper(<scp>ii</scp>) complex with a pentaheterocyclic triphenodioxazine. New Journal of Chemistry, 2021, 45, 21912-21918.	1.4	8
106	X-ray and IR spectroscopic studies of specific intermolecular interactions inNâ€²-substituted isonicotinohydrazides. Russian Chemical Bulletin, 1996, 45, 851-855.	0.4	7
107	Title is missing!. Doklady Physical Chemistry, 2001, 376, 27-30.	0.2	7
108	New method for the annelation of the pyridine fragment to azines. Russian Chemical Bulletin, 2004, 53, 1267-1271.	0.4	7

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109	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.	0.4	7
110	Kinetics and mechanism of a polymorphous transition in polycrystalline Îµ-hexanitrohexaazaisowurtzitane. Russian Journal of Physical Chemistry A, 2006, 80, 281-287.	0.1	7
111	Synthesis, structure, and NO-donor activity of the paramagnetic complex [Fe2(SC3H5N2)2(NO)4] as a model of nitrosyl [2FE-2S] proteins. Russian Chemical Bulletin, 2007, 56, 28-34.	0.4	7
112	Hemoglobin-stabilized tetranitrosyl binuclear iron complex with pyridine-2-yl in aqueous solutions. Russian Chemical Bulletin, 2007, 56, 761-766.	0.4	7
113	Synthesis and photochemical and magnetic properties of Cr, Mn, Fe, and Co complexes based on the 1-{(1â€²,3â€²,3â€²-trimethylspiro[2H-1-benzopyran-2,2â€²-indolin]-8-yl)methyl}pyridinium cation. Russian Chemical Bulletin, 2008, 57, 1451-1460.	0.4	7
114	Formation of mononuclear nitrosyl intermediates during hydrolysis of [Na2[Fe2(Î¼-S2O3)2(NO)4]Â·4H2O, a donor of nitrogen monoxide. Doklady Chemistry, 2009, 425, 60-63.	0.2	7
115	Structures and photochromic properties of fulgides based on naphtho[1,2-b]furan and benzo[g]indole. Russian Chemical Bulletin, 2010, 59, 954-959.	0.4	7
116	1-Benzyl-3,3,5â€²,6â€²-tetramethylspiro[indoline-2,2â€²-[2H]pyrano[3,2-b]-pyridinium] iodide, its hydrate, and a neutral precursor of the salts: synthesis, crystal structure, photochromic transformations in solutions and in crystals. Russian Chemical Bulletin, 2011, 60, 1401-1408.	0.4	7
117	Reactivity of metal-containing monomers 71. Synthesis of nanosized quasicrystals and related metallopolymer composites. Russian Chemical Bulletin, 2011, 60, 1871-1879.	0.4	7
118	Quantum chemical modeling of the stability of reduced forms of Roussinâ€™s red esters. Effect of the nature of the ligand. Russian Chemical Bulletin, 2013, 62, 355-362.	0.4	7
119	Experimental and quantum chemical modeling of the influence of the pH of the medium on the NO-donor activity of the mononuclear nitrosyl iron complex [Fe(SC(NH2)2)2(NO)2]Đ¡lâ€¢H2O. Russian Chemical Bulletin, 2015, 64, 2344-2350.	0.4	7
120	Studies of structure and photochromic properties of spiropyrans based on 4,6-diformyl-2-methylresorcinol. Russian Chemical Bulletin, 2015, 64, 672-676.	0.4	7
121	Effect of polymorphic phase transitions on stability of energetic compounds. Thermal transformations of 2,4,6-tris(2,2,2-trinitroethylnitramino)-1,3,5-triazine. Russian Chemical Bulletin, 2020, 69, 118-124.	0.4	7
122	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.	1.4	7
123	Spectacular Enhancement of the Thermal and Photochemical Stability of MAPbI3 Perovskite Films Using Functionalized Tetraazaadamantane as a Molecular Modifier. Energies, 2021, 14, 669.	1.6	7
124	Cationic dinitrosyl iron complexes with thiourea exhibit selective toxicity to brain tumor cells in vitro. Dalton Transactions, 2022, 51, 8893-8905.	1.6	7
125	Photochromism of single crystals of arylhydrazide derivatives. Russian Chemical Bulletin, 2001, 50, 2471-2472.	0.4	6
126	Title is missing!. Russian Chemical Bulletin, 2002, 51, 2224-2229.	0.4	6

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127	Intramolecular OÂTe and NÂTe coordination bonds in molecules of Â-tellurocyclohexenals and their nitrogen analogs. Russian Chemical Bulletin, 2004, 53, 66-73.	0.4	6
128	Structure and photochromic properties of a single-crystalline spiro[indolinepyranopyridinium] salt. Russian Chemical Bulletin, 2005, 54, 2113-2118.	0.4	6
129	Synthesis and photochromic properties of 4-[2-(anthracen-9-yl)-5-methyloxazolyl] fulgide. Russian Chemical Bulletin, 2006, 55, 101-105.	0.4	6
130	Synthesis, structures, and photochromic properties of 2-methylthieno[3,2-b][1]benzothiophen-3-ylfulgide. Russian Chemical Bulletin, 2007, 56, 2400-2406.	0.4	6
131	Synthesis, structures, and photochromic properties of N-aryl-3-indolylfulgides. Russian Chemical Bulletin, 2008, 57, 1435-1443.	0.4	6
132	Effect of nitrosyl ironâ€“sulfur complexes on the activity of hydrolytic enzymes. Pharmaceutical Chemistry Journal, 2009, 43, 525.	0.3	6
133	Magnetic properties of single crystals based on photochromic molecules of spiropyrans and chromium oxalates. Physics of the Solid State, 2009, 51, 1663-1670.	0.2	6
134	Photochromic and thermochromic spiranes 33. Synthesis of a new indolinonaphthoxazino-bisspiropyran and investigation of its photochromic characteristics. Chemistry of Heterocyclic Compounds, 2010, 46, 279-290.	0.6	6
135	Thiacalix[4]arene-containing M2Ln2 complexes (M = MnII, CoII; Ln = EuIII, PrIII): synthesis, structure, and magnetic properties. Russian Chemical Bulletin, 2014, 63, 1465-1474.	0.4	6
136	Theoretical Modeling of the Magnetic Behavior of Thiacalix[4]arene Tetranuclear Mn^{II}₂Gd^{III}₂ and Co^{II}₂Eu^{III}₂ Complexes. Inorganic Chemistry, 2016, 55, 3566-3575.	1.9	6
137	Quantum-chemical modeling of exchange coupling in the magnetic sublattice of bifunctional compounds containing heterometallic complexes of 3d and 4d metals with oxalate and dithiooxamide ligands. Structural Chemistry, 2017, 28, 965-974.	1.0	6
138	Gigantic Photomagnetic Effect at Room Temperature in Spiropyran-Protected FePt Nanoparticles. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700161.	1.2	6
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