

# Gennadii Shilov

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/133905/gennadii-shilov-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

251  
papers

1,408  
citations

17  
h-index

24  
g-index

276  
ext. papers

1,627  
ext. citations

1.8  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
251	Antimony (V) Complex Halides: Lead-Free Perovskite-Like Materials for Hybrid Solar Cells. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1701140	21.8	57
250	Single-Ion Magnet EtN[Co(hfac)] with Nonuniaxial Anisotropy: Synthesis, Experimental Characterization, and Theoretical Modeling. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9696-9706	5.1	53
249	Synthesis, Structure and Solid-Phase Transformations of Fe Nitrosyl Complex Na <sub>2</sub> [Fe <sub>2</sub> (S <sub>2</sub> O <sub>3</sub> ) <sub>2</sub> (NO) <sub>4</sub> ] · 4H <sub>2</sub> O. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2005</b> , 31, 301-306	1.6	34
248	Evidence of field induced slow magnetic relaxation in cis-[Co(hfac)(HO)] exhibiting tri-axial anisotropy with a negative axial component. <i>Dalton Transactions</i> , <b>2017</b> , 46, 7540-7548	4.3	33
247	Bifunctional Materials Based on the Photochromic Cation [RuNO(NH <sub>3</sub> ) <sub>5</sub> ] <sup>3+</sup> with Paramagnetic Metal Complex Anions. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 4074-4085	2.3	29
246	The First Conducting Spin-Crossover Compound Combining a Mn Cation Complex with Electroactive TCNQ Demonstrating an Abrupt Spin Transition with a Hysteresis of 50 K. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 10204-10213	4.8	27
245	Nitrosyl iron complexes with enhanced NO donating ability: synthesis, structure and properties of a new type of salt with the DNIC cations [Fe(SC(NH <sub>2</sub> ) <sub>2</sub> ) <sub>2</sub> (NO) <sub>2</sub> ] <sup>+</sup> . <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 10221-1030	3.6	26
244	Phenazineoxonium chloranilatomanganate and chloranilatoferrate: synthesis, structure, magnetic properties, and Mössbauer spectra. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 1209-1219	1.7	25
243	Synthesis, structure, NO donor activity of iron-sulfur nitrosyl complex with 2-aminophenol-2-yl and its antiproliferative activity against human cancer cells. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 3602-3618	1.6	24
242	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> , <b>2010</b> , 66, 8763-8771	2.4	24
241	Mesomeric tautomerism of ligand is a novel pathway for synthesis of cationic dinitrosyl iron complexes: Crystal structure and properties of nitrosyl complex with thiourea. <i>Inorganic Chemistry Communication</i> , <b>2014</b> , 49, 44-47	3.1	22
240	Quantum oscillations in the linear chain of coupled orbits: The organic metal with two cation layers [ET] <sub>4</sub> CoBr <sub>4</sub> (C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub> ). <i>Europhysics Letters</i> , <b>2012</b> , 97, 57003	1.6	22
239	Structure of the neutral mononuclear dinitrosyl iron complex with 1,2,4-triazole-3-thione [Fe(SC <sub>2</sub> H <sub>3</sub> N <sub>3</sub> )(SC <sub>2</sub> H <sub>2</sub> N <sub>3</sub> )(NO) <sub>2</sub> ] · 5H <sub>2</sub> O. <i>Mendeleev Communications</i> , <b>2004</b> , 14, 7-8	1.9	22
238	[Fe <sub>2</sub> (SC <sub>5</sub> H <sub>4</sub> N) <sub>2</sub> (NO) <sub>4</sub> ] as a New Potential NO Donor: Synthesis, Structure, and Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2002</b> , 28, 341-345	1.6	22
237	Multifunctional Compound Combining Conductivity and Single-Molecule Magnetism in the Same Temperature Range. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 2386-2389	5.1	19
236	A new member of the cationic dinitrosyl iron complexes family incorporating N-ethylthiourea is effective against human HeLa and MCF-7 tumor cell lines. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 812-825	1.6	18
235	Annelation of Benzimidazoles with $\alpha$ -Acetylenic $\beta$ -Hydroxyacid Nitriles and Hydrolytic Rearrangement of the Cycloadducts on Alumina. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 1018-1025	3.2	18

234	Influence of aromatic ligand on the redox activity of neutral binuclear tetranitrosyl iron complexes [Fe <sub>2</sub> (ESR) <sub>2</sub> (NO) <sub>4</sub> ]: experiments and quantum-chemical modeling. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 292-301	3.6	17
233	Synthesis and structure of 2-ethoxy- and 2-aminomethylidene-3-fluoroalkyl-3-oxopropionates. <i>Russian Journal of Organic Chemistry</i> , <b>2007</b> , 43, 945-955	0.7	17
232	Photochemical generation of triplet-triplet nitrene pairs in aromatic diazide crystals. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 524-531	1.7	17
231	A complex of buckminsterfullerene with sulfur, C <sub>60</sub> S <sub>8</sub> : synthesis and crystal structure. <i>Russian Chemical Bulletin</i> , <b>1994</b> , 43, 240-244	1.7	16
230	C(2)-Functionalization of 1-substituted imidazoles with cyanoacetylenes and aromatic or heteroaromatic aldehydes. <i>Tetrahedron</i> , <b>2011</b> , 67, 1288-1293	2.4	15
229	2-Hydroxy-4-methylbenzenesulfonic acid dihydrate: Crystal structure, vibrational spectra, proton conductivity, and thermal stability. <i>Russian Journal of Physical Chemistry A</i> , <b>2010</b> , 84, 444-459	0.7	15
228	A new crystalline HMX polymorph: e-HMX. <i>Russian Journal of Physical Chemistry B</i> , <b>2010</b> , 4, 934-941	1.2	15
227	Structure and properties of binuclear nitrosyl iron complex with benzimidazole-2-thiolyl. <i>Dalton Transactions</i> , <b>2009</b> , 1703-6	4.3	14
226	1,3-Dipolar cycloaddition of 3-phenylamino-5-phenylimino-1,2,4-dithiazole to 1-acyl-2-phenylacetylenes: A new route to functionalized 1,3-thiazole derivatives. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 1532-1537	0.7	14
225	Halogen atom effect on the magnetic anisotropy of pseudotetrahedral Co(II) complexes with a quinoline ligand. <i>Polyhedron</i> , <b>2015</b> , 102, 147-151	2.7	13
224	Structures of bis(1-methyltetrazole-5-thiolato)(tetranitrosyl)diiron and its intermediates in solutions. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 876-886	1.6	13
223	Synthesis of 2-(2-quinoxalyl)- $\beta$ -tropolones. <i>Mendeleev Communications</i> , <b>2008</b> , 18, 180-182	1.9	13
222	Preparation and X-Ray Study of a Molecular Complex of C <sub>60</sub> with a New Organic Cyclotetrasulfide, 4C <sub>60</sub> 3(twin TDAS). <i>Mendeleev Communications</i> , <b>1994</b> , 4, 180-182	1.9	13
221	Geometric isomerism in the series of fluoroalkyl-containing 1,2,3-trione 2-arylhydrazones. <i>Russian Journal of Organic Chemistry</i> , <b>2007</b> , 43, 380-387	0.7	12
220	Mesitylenesulfonic acid dihydrate: structure and proton conductivity. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 364-373	1.7	12
219	Expedient synthesis of pyrazoles substituted with amino, hydroxyl and thioamide groups. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 3104-3107	2	12
218	Synthesis and structural characterization of novel $\beta$ -tropolone derivatives. <i>Mendeleev Communications</i> , <b>2003</b> , 13, 219-220	1.9	12
217	New Metal Chelates with Sterically Hindered Azo Ligands: Synthesis and Physicochemical Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2005</b> , 31, 533-540	1.6	12

216	Copper(II) Nitrate Complex with Acrylamide: Synthesis and Crystal Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 735-737	1.6	12
215	Potential photomagnetic materials based on cation photochromic mononitrosyl complex of ruthenium. <i>European Physical Journal Special Topics</i> , <b>2004</b> , 114, 459-462		11
214	Unexpected formation of chiral single crystals of $\{NH(n-C_3H_7)_3[MnII CrIII(C_2O_4)_3]\}$ , A 2D oxalate-based material. <i>Journal of Coordination Chemistry</i> , <b>2004</b> , 57, 1165-1171	1.6	11
213	Molecular and crystal structure of a cationic dinitrosyl iron complex with 1,3-dimethylthiourea. <i>Journal of Structural Chemistry</i> , <b>2017</b> , 58, 353-355	0.9	10
212	The cationic dinitrosyl iron complexes family with thiocarbamide derivatives: Synthesis, structure and properties in the solid state. <i>Polyhedron</i> , <b>2017</b> , 137, 72-80	2.7	10
211	Structure of the binuclear tetranitrosyl iron complexes with a pyrimidin-2-yl ligand of the $\sigma$ -S type and the pH effect on its NO-donor ability in aqueous solutions. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 572-584	1.7	10
210	Crystal and molecular structures of new fullerides, $(Ph_4P)_2C_{60}Hal$ (Hal=Br or I) and $(Ph_4As)_2C_{60}Cl$ . <i>Russian Chemical Bulletin</i> , <b>1997</b> , 46, 1878-1882	1.7	10
209	Preparation, X-ray structure, copolymerization with styrene of $[(H)Os_3(EOCNMe_2)(CO)_9\{P(CH_2CHCH_2)Ph_2\}]$ and catalytic properties of the cluster/styrene copolymer. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 4258-4264	2.3	10
208	$[Bu_4N]_2[Fe_2(E_2O_3)_2(NO)_4]$ : Synthesis, Structure, Redox Properties, and EPR Study. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 657-663	1.6	10
207	The Structure and Properties of Phenol-2,4-disulfonic Acid Dihydrate. <i>Russian Journal of Physical Chemistry A</i> , <b>2008</b> , 82, 355-363	0.7	10
206	Stereoactive lone pair of electrons on bismuth(III): tris(3-hydroxy-2-methyl-4H-pyran-4-onato)bismuth(III). <i>Arkivoc</i> , <b>2008</b> , 2008, 139-149	0.9	10
205	A Family of Titanium Complexes with Catechol Ligands: Structural Investigation and Catalytic Application. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5215-5221	2.3	9
204	Generation of quintet dinitrenes by low-temperature radiolysis of crystalline 2,4,6-triazido-3,5-dicyanopyridine. <i>Doklady Physical Chemistry</i> , <b>2008</b> , 418, 7-12	0.8	9
203	1,1-Bis(methoxy-NNO-azoxy)ethene. Synthesis and X-ray diffraction analysis. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 632-637	1.7	9
202	New class of neutral paramagnetic binuclear sulfur-containing iron nitrosyl complexes. <i>Russian Chemical Bulletin</i> , <b>2003</b> , 52, 1702-1708	1.7	9
201	6,6 $\square$ piperazine-1,4-diylbis(methylene)]bis[3,5-di(tert-butyl)-1,2-benzoquinone]: Synthesis and properties. <i>Russian Journal of Organic Chemistry</i> , <b>2016</b> , 52, 214-218	0.7	9
200	First molecular conductors of BPDT-TTF with metallacarborane anions: $(BPDT-TTF)[3,3\text{-}B_{10}H_{11}C_2]_2$ and $(BPDT-TTF)[3,3\text{-}B_{10}H_{11}C_2]_2$ Synthesis, structure, properties. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 867, 375-380	2.3	8
199	Synthesis and structure of asymmetric 2,4,6-triazidopyridines. <i>Chemistry of Heterocyclic Compounds</i> , <b>2011</b> , 47, 817-825	1.4	8

198	New BETS Salt with Iodomercurate Anion: (BETS) <sub>4</sub> Hg <sub>3</sub> I <sub>8</sub> . <i>Chemistry Letters</i> , <b>1997</b> , 26, 675-676	1.7	8
197	The Enantioselective Role of the [N(C <sub>5</sub> H <sub>11</sub> ) <sub>4</sub> ] <sup>+</sup> Organic Cation in the Structure of the Molecular Magnet [N(C <sub>5</sub> H <sub>11</sub> ) <sub>4</sub> ][MnIIIFeIII(C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ]. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 567-573	1.6	8
196	Thermal Conversions of 2,4-Bis(N,N-Dimethylamino)-6-Trinitromethyl-1,3,5-Triazine. <i>Russian Journal of Physical Chemistry B</i> , <b>2019</b> , 13, 297-304	1.2	7
195	Synthesis, structure, and NO-donor activity of bis(5-nitropyridine-2-thiolato)tetranitrosyliron. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2012</b> , 38, 671-682	1.6	7
194	Synthesis and studies of new organic conductors based on ET and EDT-TTF with the [ZnBr <sub>4</sub> ] <sup>2-</sup> anions. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 1636-1642	1.7	7
193	3-Ethoxy-2,2-bis(methoxy-NNO-azoxy)propan-1-ol. Synthesis and X-ray diffraction analysis. <i>Russian Chemical Bulletin</i> , <b>2010</b> , 59, 1925-1929	1.7	7
192	The radical-cation salt (DOEO) <sub>4</sub> [HgBr <sub>4</sub> ] · TCE: Synthesis, structure and conductivity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2006</b> , 32, 82-93	1.6	7
191	Photo-and thermochromic properties of 1,3,3,3-trimethyl-6-nitro-8-pyridinimethylspiro[2H-[1]benzopyran-2,2'-indoline] chloride in the crystalline state. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 1605-1611	1.7	7
190	Crystal and Molecular Structure of a New Complex of [60]Fullerene, 2(C <sub>60</sub> ) <sub>2</sub> (TMTSF) <sub>2</sub> (C <sub>6</sub> H <sub>6</sub> ). <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , <b>1998</b> , 6, 563-575		7
189	Synthesis, structure, and electroconductivity of new radical cation salt [Pd(ddd <sub>t</sub> ) <sub>2</sub> ] <sub>2</sub> GaBr <sub>4</sub> . <i>Russian Chemical Bulletin</i> , <b>1999</b> , 48, 1513-1515	1.7	7
188	Synthesis, structure and photochromic properties of novel highly functionalized spiropyrans of 1,3-benzoxazin-4-one series. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1161, 18-25	3.4	6
187	Phase transitions in [ET] <sub>4</sub> MnBr <sub>4</sub> (C <sub>6</sub> H <sub>6</sub> ) <sub>2</sub> Cl <sub>n</sub> (n = 1, 2) driven by ordering in anion and/or cation layers. <i>CrystEngComm</i> , <b>2014</b> , 16, 10103-10111	3.3	6
186	Structure of 6,11-dichloro-9-dimethylthio-7,8-dicarba-nido-undecaborane [6,11-Cl <sub>2</sub> -9-SMe <sub>2</sub> -7,8-C <sub>2</sub> B <sub>9</sub> H <sub>9</sub> ]. <i>Journal of Structural Chemistry</i> , <b>2013</b> , 54, 349-354	0.9	6
185	Thiacalix[4]arene-containing M <sub>2</sub> Ln <sub>2</sub> complexes (M = MnII, CoII; Ln = EuIII, PrIII): synthesis, structure, and magnetic properties. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 1465-1474	1.7	6
184	Quasi-two-dimensional organic metals with differently oriented conducting layers. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 1357-1362	1.7	6
183	Reduction fragmentation of the [Mn <sub>12</sub> O <sub>12</sub> (O <sub>2</sub> CCHCl <sub>2</sub> ) <sub>16</sub> (H <sub>2</sub> O) <sub>4</sub> ] oxocarboxylate cluster to [Mn <sub>6</sub> O <sub>2</sub> (O <sub>2</sub> CCHCl <sub>2</sub> ) <sub>10</sub> (MeCN) <sub>4</sub> ]. <i>Mendeleev Communications</i> , <b>2009</b> , 19, 170-171	1.9	6
182	3,5-Di-tert-butyl-1,2-benzoquinone in the synthesis of quinolino[4,5-bc][1,5]benzoxazepines, aminophenols, and phenoxazines. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 442-448	0.7	6
181	Kinetics and mechanism of the thermal decomposition of keto-RDX. <i>Russian Journal of Physical Chemistry B</i> , <b>2009</b> , 3, 896-900	1.2	6

- 180 5,5-Bis(alkoxy-NNO-azoxy)-1,3,2-dioxathiane 2-oxides. Synthesis and X-ray diffraction study. *Russian Journal of Organic Chemistry*, **2010**, 46, 1085-1089 0.7 6
- 179 Crystal structure of a new molecular complex of fullerene with tetramethyltetraselenafulvalene: C60⊂TMTSF⊂CS2. *Russian Chemical Bulletin*, **1997**, 46, 1415-1420 1.7 6
- 178 Structural and physicochemical characteristics of chelate nickel(II) compounds based on 1,2,3-triketone (hydrazone)imines. *Russian Chemical Bulletin*, **2007**, 56, 108-114 1.7 6
- 177 Synthesis, structure, and the photomagnetic effect in crystals of 1,3,3,7?-tetramethylspiro[indoline-2,2?-2H-pyrano[3,2-f]quinolinium] tris(oxalato)chromate(III). *Russian Chemical Bulletin*, **2008**, 57, 2495-2505 1.7 6
- 176 Intramolecular O-π and N-π coordination bonds in molecules of tellurocyclohexenals and their nitrogen analogs. *Russian Chemical Bulletin*, **2004**, 53, 66-73 1.7 6
- 175 Effect of the Structure of a Proton Hydrate System of Hydrogen Bonds on the Protonic Conductivity in Crystals of the Flavianic Acid Hydroxonium Salt. *Doklady Physical Chemistry*, **2001**, 376, 27-30 0.8 6
- 174 Mechanochemical destruction of crystalline hydrates of cobalt and zinc acetylenedicarboxylates during dehydration. *Russian Chemical Bulletin*, **2016**, 65, 2025-2033 1.7 6
- 173 Partial Substitution of Pb in CsPbI<sub>3</sub> as an Efficient Strategy To Design Fairly Stable All-Inorganic Perovskite Formulations. *ACS Applied Materials & Interfaces*, **2021**, 13, 5184-5194 9.5 6
- 172 Synthesis and structure of 3-(tert-butyl)-10,10-dimethyl-10H-indolo[1,2-a]indoline-1,4-dione. *Doklady Chemistry*, **2015**, 460, 33-36 0.8 5
- 171 Synthesis and structural organization of ruthenium(IV) cluster Li<sub>8</sub>Ru<sub>2</sub>OCl<sub>14</sub> and its catalytic properties in the water oxidation reaction. *Russian Journal of Inorganic Chemistry*, **2016**, 61, 688-694 1.5 5
- 170 Crystal structure of rubidium and cesium tetrafluoroindate(III) dihydrates. *Journal of Structural Chemistry*, **2017**, 58, 813-816 0.9 5
- 169 Synthesis and Characteristics of Acetylenedicarboxylic Acid Salts as Precursors for Obtaining of Nanocomposites. *Macromolecular Symposia*, **2012**, 317-318, 180-186 0.8 5
- 168 Synthesis and photochemical and magnetic properties of Cr, Mn, Fe, and Co complexes based on the 1-[(1,3,3-trimethylspiro[2H-1-benzopyran-2,2'-indolin]-8-yl)methyl]pyridinium cation. *Russian Chemical Bulletin*, **2008**, 57, 1451-1460 1.7 5
- 167 Several aspects of intermolecular interactions between the carbonyl and imine groups in the crystals of compounds containing six-membered heterocycles. *Journal of Structural Chemistry*, **2008**, 49, 909-916 0.9 5
- 166 The properties of quintet dinitrenes in 2,4,6-triazido-3,5-dichloropyridine crystals. *Russian Journal of Physical Chemistry A*, **2008**, 82, 1870-1877 0.7 5
- 165 Synthesis and photochromic properties of 4-[2-(anthracen-9-yl)-5-methyloxazolyl] fulgide. *Russian Chemical Bulletin*, **2006**, 55, 101-105 1.7 5
- 164 Synthesis and structure of 2,3,6,8,10,13,14-heptaaza-6,8,10-trinitro-4,12-dioxapentadeca-2,13-diene 2,14-bisoxide. *Russian Chemical Bulletin*, **2003**, 52, 761-763 1.7 5
- 163 X-ray diffraction study of phase transitions in Na<sub>3</sub>Sc<sub>2</sub>(PO<sub>4</sub>)<sub>3</sub> and Ag<sub>3</sub>Sc<sub>2</sub>(PO<sub>4</sub>)<sub>3</sub> single crystals in temperature range from 160 to 500 K. *Crystallography Reports*, **2005**, 50, 115-119 0.6 5

162	Structure and photochromic properties of a single-crystalline spiro[indolinepyranopyridinium] salt. <i>Russian Chemical Bulletin</i> , <b>2005</b> , 54, 2113-2118	1.7	5
161	Synthesis and the crystal structures of N-(2-nitroxyethyl)isonicotinamide and its complexes with PdCl <sub>2</sub> and PtCl <sub>2</sub> as potential antitumor medicines. <i>Russian Chemical Bulletin</i> , <b>2001</b> , 50, 520-524	1.7	5
160	Synthesis and study of -substituted methylthio derivatives of cobalt bis(dicarbollide).. <i>RSC Advances</i> , <b>2020</b> , 10, 2887-2896	3.7	5
159	Temperature Dynamics of MAPbI and PbI Photolysis: Revealing the Interplay between Light and Heat, Two Enemies of Perovskite Photovoltaics. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 4362-4367	6.4	5
158	Mixed-ligand fluorooxalate complex compounds of indium(III) M <sub>2</sub> [InF <sub>3</sub> (C <sub>2</sub> O <sub>4</sub> )H <sub>2</sub> O] (M = K, Rb): Synthesis and crystal structure. <i>Journal of Structural Chemistry</i> , <b>2017</b> , 58, 207-210	0.9	4
157	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. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 118-124	1.7	4
156	Synthesis and reactivity of metal-containing monomers 76. Nanostructured materials obtained by controlled thermolysis of Ni, Co, and Cu chelate complexes with azomethine ligands. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 139-150	1.7	4
155	New Salt Spiropyran of Indoline Series with Fluorine Substituent. <i>Doklady Chemistry</i> , <b>2018</b> , 480, 81-84	0.8	4
154	Shubnikov-de Haas oscillations in a new dual-layered quasi-two-dimensional organic metal (BETS) <sub>4</sub> CoBr <sub>4</sub> (C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub> ). <i>JETP Letters</i> , <b>2013</b> , 98, 181-183	1.2	4
153	Synthesis, structure, and properties of a new representative of the family of calix[4]arene-containing [Mn <sup>II</sup> 2Mn <sup>III</sup> 2]-clusters. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 536-542	1.7	4
152	Copper(II), nickel(II), and zinc(II) complexes with o-tozylaminobenzaldehyde 4,6-dimethylpyrimidyl hydrazone. <i>Russian Journal of Inorganic Chemistry</i> , <b>2017</b> , 62, 893-899	1.5	4
151	Crystal structure of copper(II) fluoroindate(III) Cu(InF <sub>4</sub> ) <sub>2</sub> ·10H <sub>2</sub> O. <i>Journal of Structural Chemistry</i> , <b>2017</b> , 58, 1436-1439	0.9	4
150	Synthesis and structure of 2-(4?-oxo-3H-quinazolin-2?-yl)-1,3-tropolone. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 1364-1372	1.7	4
149	Synthesis and molecular structure of 7H-12-oxa-3,7-diazapleiadene-substituted 1,3-tropolones. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 1372-1379	1.7	4
148	Magnetic properties of single crystals based on photochromic molecules of spiropyran and chromium oxalates. <i>Physics of the Solid State</i> , <b>2009</b> , 51, 1663-1670	0.8	4
147	Molecular and crystal structure and stability of triiodides of quinolinium derivatives. <i>Russian Journal of Inorganic Chemistry</i> , <b>2007</b> , 52, 562-566	1.5	4
146	Synthesis and structure of 2,2?-spirobi(1,3-benzodioxole) derivative prepared from 3,5-di(tert-butyl)-1,2-benzoquinone. <i>Russian Journal of Organic Chemistry</i> , <b>2007</b> , 43, 220-223	0.7	4
145	Condensation of fluoroalkyl-containing 1,2,3-trione 2-arylhydrazones with methylamine. <i>Russian Journal of Organic Chemistry</i> , <b>2007</b> , 43, 1788-1796	0.7	4

144	Structure of the oxidative dimerization product of 4,6-di(tert-butyl)pyrogallol. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 276-280	1.7	4
143	Electronic and steric effect manifestations in the structure of 9-Azidoacridine. <i>Russian Journal of Physical Chemistry A</i> , <b>2006</b> , 80, S49-S54	0.7	4
142	Synthesis of molecular magnetics based on cobalt trisoxalate. Structural and magnetic properties of NBun 4[MnIICoIII(C2O4)3]. <i>Russian Chemical Bulletin</i> , <b>1999</b> , 48, 1581-1583	1.7	4
141	Synthesis and structure of 6-azido-2,4-bis(2,2,2-trinitroethylamino)-1,3,5-triazine and its N-nitro derivatives. <i>Russian Chemical Bulletin</i> , <b>2018</b> , 67, 1891-1898	1.7	4
140	Tetrathiafulvalene-based organic conductors with Pb-containing anions. <i>Russian Chemical Bulletin</i> , <b>2017</b> , 66, 986-990	1.7	3
139	Developing Pathways to the Synthesis of Low-Valence Molybdenum Methoxides: Preparation, Characterization, and Redox Chemistry of Dimeric and Tetrameric Molybdenum Alkoxide Clusters. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 715-724	2.3	3
138	Crystal Structure of the Polymer Copper(II) Complex with 1-Phenyl-3-Methyl-4-Formyl-5-Hydroxypyrazole Hetarylhydrazone. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 132-137	1.6	3
137	Structure of 2-(benzoxazole-2-yl)-5,7-di(tert-butyl)-4-nitro-1,3-tropolone. <i>Journal of Structural Chemistry</i> , <b>2018</b> , 59, 197-200	0.9	3
136	Transport and Magnetotransport in the New Quasi-Two-Dimensional Organic Metal (BETS)2ZnBr4(C6H4Cl2) with Different Electron Structure of Neighboring Cation Layers. <i>Molecular Crystals and Liquid Crystals</i> , <b>2014</b> , 589, 111-115	0.5	3
135	Crystal structure of new ammonium fluoroindate(III) (NH4)2[InF5]. <i>Journal of Structural Chemistry</i> , <b>2017</b> , 58, 585-587	0.9	3
134	Crystal structure and Raman spectra of [Fe(H2O)6]3+(ClO4)3·3H2O. <i>Journal of Structural Chemistry</i> , <b>2012</b> , 53, 907-914	0.9	3
133	Crystal structure of ansa-Me2Si-(2Me-4-p-Tol-cyclopenta[b]indol-3-yl)2ZrCl2 and its catalytic properties in the polymerization of propylene. <i>Russian Journal of Inorganic Chemistry</i> , <b>2012</b> , 57, 46-51	1.5	3
132	Bimetallic chloranilate complexes (R4E)[MIIFeIII(C6O4Cl2)3] (R4E = Bu4N, Ph4P; MII = Mn, Fe, Co, Ni, Cu): Synthesis, characteristics, and magnetic properties. <i>Doklady Chemistry</i> , <b>2011</b> , 437, 129-132	0.8	3
131	New 2-(benzothiazol-2-yl)-1,3-tropolones derived from 3,4,5,6-tetrachloro-1,2-benzoquinone. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 1384-1386	1.7	3
130	Synthesis and structure of 2,6-diazidotrichloropyridine N-oxide. <i>Russian Journal of Organic Chemistry</i> , <b>2011</b> , 47, 1323-1328	0.7	3
129	Synthesis and structure of heterocyclic derivatives of pyran-2-ones based on the dimer of 4,6-di(tert-butyl)-3-hydroxy-1,2-benzoquinone. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 1663-1669	0.7	3
128	Synthesis and structure of the PdII complex with 3,3-dinitropropylamine. <i>Russian Chemical Bulletin</i> , <b>1997</b> , 46, 1626-1627	1.7	3
127	Structure and photochromic and magnetic properties of 1-isopropyl-3,3,5,6-tetramethylspiro[indoline-2,2'-2H-pyrano[3,2-b]pyridinium] tris(oxalato)chromate(III). <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 2592-2599	1.7	3



126	Chemo- and stereodirectivity of the reaction of thiocarbonylhydrazide with 1-acetyl-2-phenylacetylene: synthesis and structure of bis(1-methyl-3-phenyl-2-propynylidene)carbonothioic dihydrazide. <i>Mendeleev Communications</i> , <b>2008</b> , 18, 48-50	1.9	3
125	Synthetic approaches to physiologically active polycyclic compounds: V. Ritter reaction of 4-hydroxyadamantan-2-one. <i>Russian Journal of Organic Chemistry</i> , <b>2004</b> , 40, 1437-1440	0.7	3
124	Exchange of sodium and silver ions in Na <sub>3</sub> Sc <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> single crystals. <i>Crystallography Reports</i> , <b>2005</b> , 50, 458-460	0.6	3
123	Synthesis and Structure of New 2-(2-Quinoly)-1,3-tropolone Derivatives. <i>Russian Journal of Organic Chemistry</i> , <b>2005</b> , 41, 1539-1543	0.7	3
122	Crystal Structure of a Mixed-Valence Hydroxonium Cerium Sulfate Hydrate. <i>Doklady Chemistry</i> , <b>2001</b> , 380, 262-266	0.8	3
121	Synthesis of a C <sub>60</sub> complex with N,N,N',N'-tetramethyl-p-phenylenediamine and its crystal structure. <i>Russian Chemical Bulletin</i> , <b>1996</b> , 45, 1224-1225	1.7	3
120	Phase transformations of iodine-containing dual-layered conductor E(ET) <sub>4</sub> CdI <sub>4</sub> (PhCl) upon cooling. <i>CrystEngComm</i> , <b>2020</b> , 22, 8054-8062	3.3	3
119	Synthesis and structure of 5,7-diisopropyl-2-(quinolin-2-yl)-1,3-tropolone derivatives. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 2461-2468	1.7	3
118	Synthesis and structure of 1-[(3-hydroxybenzo[b]thiophen-2-yl)methylidene]-3-oxo-5-phenyl-1-pyrazolidinium-2-ide. <i>Doklady Chemistry</i> , <b>2016</b> , 471, 311-313	0.8	3
117	Benzenoid-quinoid tautomerism of azomethines and their structural analogs 56. Azomethine imines, derivatives of salicylic and 2-hydroxynaphthoic aldehydes. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 648-653	1.7	3
116	Reactions of 1-Alkyl-2-chloro-1H-indole-3-carbaldehyde with 4-Amino-5-alkyl(aryl)-4H-triazole-3-thioles. <i>Russian Journal of General Chemistry</i> , <b>2019</b> , 89, 2369-2373	0.7	3
115	Synthesis, crystal molecular structure, and magnetic characteristics of coordination polymers formed by Co(II) diketonates with pentaheterocyclic triphenodioxazines. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 304-313	3.6	3
114	Structure and Properties of 1,3,3-Trimethyl-6?-chlorospiro[indoline-2,2?-2H-chromene]. <i>Russian Journal of General Chemistry</i> , <b>2021</b> , 91, 1297-1304	0.7	3
113	Crystal structure of fluorosulfate complex compounds of indium(III) M <sub>2</sub> [InF <sub>3</sub> (SO <sub>4</sub> )H <sub>2</sub> O] (M = K, NH <sub>4</sub> ). <i>Journal of Structural Chemistry</i> , <b>2017</b> , 58, 97-101	0.9	2
112	Synthesis, structure and antitumor activity of the binuclear tetranitrosyl iron complex with 2-mercaptobenzthiazole as the nitric oxide donor (NO). <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 972-986	1.6	2
111	Monoclinic boron carbide crystals. <i>Journal of Structural Chemistry</i> , <b>2017</b> , 58, 1648-1655	0.9	2
110	Synthesis, structure and proton conductivity of 2,4,5-trimethylbenzenesulfonic acid dihydrate. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 7428-7438	3.6	2
109	Organic conductor E(BEDT-TTF)Cd <sub>1.3813</sub> with layered perovskite-like structure. <i>Russian Chemical Bulletin</i> , <b>2018</b> , 67, 252-254	1.7	2

108	BenzoidQuinoid tautomerism of schiff bases and their structural analogs: LVII. 2-[(3-oxo-5-phenylpyrazolidin-1-yl)methylidene]-1H-indene-1,3(2H)-dione. <i>Russian Journal of Organic Chemistry</i> , <b>2016</b> , 52, 541-545	0.7	2
107	Organic conductors with BiIII and SbIII chloride-based anions. <i>Russian Chemical Bulletin</i> , <b>2019</b> , 68, 1350-1357		2
106	Cyclic hydroxamic acids derived from amino acids 2. Regioselective synthesis, crystal structure, and antitumor activity of spiropiperidine-imidazolidine hydroxamic acids based on glycine and dl-alanine. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 1272-1281	1.7	2
105	Synthesis and isomerization reaction of 2-(benzoxazol-2-yl)-1,3-tropolones. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 492-496	1.7	2
104	Synthesis and some properties of anionic chloranilate complexes of iron(iii). Crystal and molecular structure of rubidium and cesium chloranilatoferrates. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 419-426	1.7	2
103	Molecular structures of new 2-(quinoline-2-yl)-1,3-tropolones. <i>Journal of Structural Chemistry</i> , <b>2015</b> , 56, 1154-1159	0.9	2
102	Synthesis and structure of redox derivatives of 4-(2-Amino-2-oxoethyl)-2,2,6,6-tetramethylpiperidine-1-yloxyl. <i>Russian Journal of Organic Chemistry</i> , <b>2014</b> , 50, 1124-1132	0.7	2
101	Synthesis and crystal structure of the salt of the protonated thiamine cation with the palladium(II) tetrachloride anion [HTA] <sub>2</sub> [PdCl <sub>4</sub> ]Cl <sub>2</sub> · 2H <sub>2</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2012</b> , 57, 927-931	1.5	2
100	Synthesis and molecular structure of 3-[5-(quinolin-2-yl)penta-1,4-dien-1-yl]-1,4-benzodioxin-2-one. <i>Russian Journal of Organic Chemistry</i> , <b>2013</b> , 49, 439-445	0.7	2
99	1-Benzyl-3,3,5,6-tetramethylspiro[indoline-2,2'-[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. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 1401-1408	1.7	2
98	Synthesis, crystal structure, and antitumor activity of the cadmium dichloride complex with semicarbazide. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 1959-1962	1.7	2
97	Synthesis and structure of 7H-12-Oxa-3,7-diazapleiadenes. <i>Russian Journal of Organic Chemistry</i> , <b>2011</b> , 47, 1329-1334	0.7	2
96	Synthesis and structure of products of hydroxylamine acylation with 3-carboxy-2,2,5,5-tetramethylpyrrolinoxyl derivatives. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 1189-1199	0.7	2
95	Ferromagnetism, paramagnetism, and thermally induced magnetism in photomagnetic CrIII/MnII and CrIII oxalates with the 7-methyl-3,3-diphenyl-3H-pyrano[3,2-f]quinolinium cation. <i>Russian Chemical Bulletin</i> , <b>2010</b> , 59, 497-509	1.7	2
94	Synthesis of new functionalized 5,5-dimethyl-1-pyrroline 1-oxides and their investigation as spin traps. <i>Russian Chemical Bulletin</i> , <b>2010</b> , 59, 2081-2085	1.7	2
93	Synthesis and crystal structure of 2-nitroxyethyl nicotinate and its complex with PdCl <sub>2</sub> . <i>Russian Chemical Bulletin</i> , <b>1998</b> , 47, 510-513	1.7	2
92	Synthesis, structure, and catalytic properties of Zr(IV) complex with trifluoroacetylacetone. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2008</b> , 34, 546-550	1.6	2
91	Photocatalytic activity of titanium dioxide modified with thiourea under the action of visible light. <i>Russian Journal of Physical Chemistry A</i> , <b>2008</b> , 82, 1575-1579	0.7	2

90	Investigation of the molecular and crystalline structure of 2,4,6-triazido-3-chloro-5-trifluoromethylpyridine and rotation barrier of the $\text{Etzidogroup}$ around a C-N bond. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , <b>2008</b> , 72, 1185-1187	0.4	2
89	Synthesis, Crystal Structure, and Properties of Mixed Salt $\text{Cs}_2\text{SO}_4 \cdot \text{H}_6\text{TeO}_6$ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2004</b> , 30, 301-306	1.6	2
88	Mixed Salt $\text{Cs}_2[\text{I}(\text{OH})_3\text{O}_3] \cdot \text{CsSO}_4(\text{H})\text{H}_5\text{IO}_6$ : Synthesis, Crystal Structure, and Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2004</b> , 30, 453-458	1.6	2
87	Structures and conductivities of isostructural synthetic metals $(\text{DOET})_4[\text{Hg}_2\text{Cl}_6]$ and $(\text{DOET})_4[\text{Hg}_2\text{Br}_6]$ . <i>Russian Chemical Bulletin</i> , <b>2003</b> , 52, 375-379	1.7	2
86	New organic metal $[(\text{DOET})_2\text{FSO}_3 \cdot \text{H}_2\text{O}]$ : Synthesis and crystal structure. <i>Russian Chemical Bulletin</i> , <b>2005</b> , 54, 2463-2465	1.7	2
85	Crystal Structure and Properties of Acid Salt of Orthoperiodic Acid $\text{CsH}_9\text{I}_2\text{O}_{12}$ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 786-790	1.6	2
84	Synthesis, crystal structure, and conducting properties of a new molecular conductor $(\text{DBTTF})_{11}(\text{TeCl}_6)_4$ . <i>Russian Chemical Bulletin</i> , <b>2000</b> , 49, 372-374	1.7	2
83	Synthesis of 1,2,4-triazolo[5',1':2,3][1,3]thiazino[6,5-b]indol-10(5H)-ones based on 2-chloro-1H-indole-3-carbaldehyde. <i>Tetrahedron Letters</i> , <b>2020</b> , 61, 152490	2	2
82	First radical cation salts based on dibenzotetrathiafulvalene (DBTTF) with metallacarborane anions: Synthesis, structure, properties. <i>Journal of Organometallic Chemistry</i> , <b>2020</b> , 930, 121592	2.3	2
81	New Photochromic Salt Spiropyran with Benzyl Substituent. <i>Doklady Chemistry</i> , <b>2018</b> , 482, 220-224	0.8	2
80	First EOTT and BPDT-TTF based molecular conductors with $[\text{8,8'-Cl}_2\text{B}_3\text{Fe}(1,2\text{-C}_2\text{B}_9\text{H}_{10})_2]^{+}$ anion $\text{B}^-$ : Synthesis, structure, properties. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 949, 121956	2.3	2
79	Nanoscale Visualization of Photodegradation Dynamics of MAPbI Perovskite Films.. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 2744-2749	6.4	2
78	Densification of Crystalline Boron Carbide during Shock-Wave Loading. <i>Journal of Experimental and Theoretical Physics</i> , <b>2020</b> , 130, 431-438	1	1
77	Synthesis and Structure of New Aminouracilindolones. <i>Russian Journal of General Chemistry</i> , <b>2020</b> , 90, 799-803	0.7	1
76	Biomimetic Water Oxidation Catalyzed by a Binuclear Ruthenium (IV) Nitrido-Chloride Complex with Lithium Counter-Cations. <i>Biomimetics</i> , <b>2020</b> , 5,	3.7	1
75	Synthesis and Molecular Structures of (3-Hydroxy, 3-Chloro, 3-Arylamino)-N-acetyl-3-arylaminotropones. <i>Crystallography Reports</i> , <b>2018</b> , 63, 65-73	0.6	1
74	Crystal Structure of New Fluoride Complexes of Indium(III) $\text{M}[\text{Cu}(\text{H}_2\text{O})_4]\text{InF}_6 \cdot n\text{H}_2\text{O}$ (M = Rb, Cs, $\text{NH}_4$ ; n = 0, 1). <i>Journal of Structural Chemistry</i> , <b>2018</b> , 59, 652-656	0.9	1
73	Structure, synthesis, and voltammetric investigation of 1-(quinolin-2-yl)-2-(pyran-2-yl)ethane-1,2-dione derivatives. <i>Russian Journal of Organic Chemistry</i> , <b>2012</b> , 48, 151-157	0.7	1

72	Synthesis, structure, and biological activity of the cis-[4-amino-2,2,6,6-tetramethylpiperidine-N,N?]-dichloropalladium(ii) complex. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 572-574	1.7	1
71	Structural studies of conformers of 3-(N-acetyl-N-arylamino)tropones by heteronuclear, two-dimensional, and dynamic NMR spectroscopy and X-ray diffraction analysis. <i>Russian Chemical Bulletin</i> , <b>2015</b> , 64, 650-657	1.7	1
70	Thermodynamic stability of 2,4,6-tris(nitromethyl)-1,3,5-triazine: an experimental and theoretical study. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 2207-2216	1.7	1
69	Structure and properties of fullerite C60 intercalated with CH2F2. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2009</b> , 3, 43-45	2.5	1
68	Crystal structure of Na4[Na2Cr2(C2O4)6] · 10H2O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2009</b> , 54, 226-231	1.7	1
67	Unexpected behavior of 4,4'-diacetyldiphenyl dioxime in the reaction with acetylene in MOH-DMSO systems. <i>Doklady Chemistry</i> , <b>2008</b> , 421, 197-200	0.8	1
66	Spin-frustrated antiferromagnets based on BEDT-TTF and manganese dicyanamide complexes. <i>Physics of the Solid State</i> , <b>2007</b> , 49, 905-911	0.8	1
65	Synthesis, structure, and properties of the [RuNO(NH3)5][Co(CN)6] complex containing a photochromic cation. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 557-560	1.7	1
64	New molecular metals based on BEDO radical cation salts with the square planar Ni(CN)4 <sup>2-</sup> anion. <i>Journal of Materials Chemistry</i> , <b>2005</b> ,		1
63	The structure of 2,4,6-tris[di(tert-butoxycarbonyl)methylidene]-hexahydro-1,3,5-triazine. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 1060-1065	1.7	1
62	Rb[C6H3(COOH)2(COO)] <sub>2</sub> · [C6H3(COOH)3] · 2H2O: Synthesis, Crystal Structure, and Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2004</b> , 30, 137-143	1.6	1
61	Disubstituted Rubidium Orthoperiodate Rb2H3IO6: Crystal and Molecular Structures and Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2004</b> , 30, 449-452	1.6	1
60	Quantum-Chemical Simulation of the Proton Transport in Mono- and Disubstituted Salts with Octahedral Anions. <i>Russian Journal of Electrochemistry</i> , <b>2003</b> , 39, 600-606	1.2	1
59	A New Type of Reaction in the Benzylcyclopropane Series: The Intramolecular Cyclopropylation of an Aromatic Nucleus in the Reaction of 4-Methoxybenzylcyclopropane with Dinitrogen Tetroxide. <i>Doklady Chemistry</i> , <b>2003</b> , 391, 212-214	0.8	1
58	Synthesis and Structure of 2,3,6,8,10,13,14-Heptaaza-6,8,10-trinitro-4,12-dioxapentadeca-2,13-diene 2,14-Bisoxide. <i>ChemInform</i> , <b>2003</b> , 34, no		1
57	Synthesis, conductivity, and the crystal structure of a new stable metal, $\alpha$ -(DOEO)2HSeO4 · H2O. <i>Crystallography Reports</i> , <b>2005</b> , 50, 928-933	0.6	1
56	1-Dimethylamino-2,7-dimethoxy-8-methylamino-3,5-dinitronaphthalene and 1,2,4-tribromo-6-dimethylamino-5-methylaminoacenaphthylene: first examples of N-H...N hydrogen bond contraction/expansion in neutral 1,8-diaminonaphthalenes. <i>Russian Chemical Bulletin</i> , <b>2005</b> , 54, 2492-2495	1.7	1
55	Synthesis and structure of the complex of 2-(2-pyridyl)-2-oxazoline with PdCl2. <i>Russian Chemical Bulletin</i> , <b>2000</b> , 49, 566-568	1.7	1

54	Synthesis and structures of complexes of N-2-nitroxyethylpicolinamide and 2-(2-pyridyl)-2-oxazoline with PdCl <sub>2</sub> . <i>Russian Chemical Bulletin</i> , <b>1999</b> , 48, 1584-1586	1.7	1
53	Synthesis and crystal structure of the molecular complex of fullerene C <sub>60</sub> with 2-(4-thiono-1,3-dithiolan-5-ylidene)-4,5-dimethyl-1,3-diselenol (C <sub>60</sub> ⊂DTDS). <i>Russian Chemical Bulletin</i> , <b>1999</b> , 48, 2273-2278	1.7	1
52	Synthesis and crystal structure of the deuterated organic conductor, (d <sub>8</sub> -ET) <sub>4</sub> [Hg <sub>2</sub> (SCN) <sub>4</sub> Cl <sub>2</sub> ]. <i>Russian Chemical Bulletin</i> , <b>1995</b> , 44, 878-882	1.7	1
51	Photochemical properties and structures of N-amino and N-azomethine derivatives of 2,4,6-triphenylpyridinium perchlorates. <i>Russian Chemical Bulletin</i> , <b>1995</b> , 44, 287-292	1.7	1
50	X-ray structural analysis of a novel organic metal (BEDT-TTF) <sub>4</sub> [Hg <sub>2</sub> Cl <sub>6</sub> ]⊂PhCl. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1991</b> , 40, 1825-1832		1
49	Thermal stability and crystal structure of potassium fluoride monoperoxosolvate KF⊂H <sub>2</sub> O <sub>2</sub> . <i>Russian Chemical Bulletin</i> , <b>1993</b> , 42, 30-35	1.7	1
48	Phase Transformations 2,4,6-Tris(2,2,2-Trinitroethylnitramino)-1,3,5-Triazine. <i>Russian Journal of Physical Chemistry B</i> , <b>2021</b> , 15, 622-629	1.2	1
47	Abrupt Spin-State Switching in Mn(III) Complexes with BPh Anion: Effect of Halide Substituents on Crystal Structure and Magnetic Properties. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 17609	4.8	1
46	Tellurium complex polyhalides: narrow bandgap photoactive materials for electronic applications. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 21988-21992	13	1
45	Melting of Shocked Boron Carbide. <i>JETP Letters</i> , <b>2020</b> , 111, 720-726	1.2	1
44	Radical cation salts of BETS and ET with dicyanamidocuprate anions demonstrating metal-insulator and semiconductor-semiconductor transitions. <i>Polyhedron</i> , <b>2020</b> , 189, 114705	2.7	1
43	Hybrid Materials Based on Dimethylbiguanide (Metformin) and Copolymer of N-Vinylpyrrolidone with Triethylene Glycol Dimethacrylate. <i>Polymer Science - Series A</i> , <b>2021</b> , 63, 106-116	1.2	1
42	New Radical Cation Salts Based on BDH-TTP Donor: Two Stable Molecular Metals with a Magnetic [ReF <sub>6</sub> ] <sub>2</sub> ⊂Anion and a Semiconductor with a [ReO <sub>4</sub> ] <sub>2</sub> ⊂Anion. <i>Magnetochemistry</i> , <b>2021</b> , 7, 54	3.1	1
41	The structure of a novel 8-hydroxyquinoline ligand system including 1,3-tropolonic fragment. <i>Journal of Structural Chemistry</i> , <b>2016</b> , 57, 1688-1690	0.9	1
40	Quantum oscillations in dual-layered quasi-two-dimensional organic metal (ET) <sub>4</sub> HgBr <sub>4</sub> (C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub> ). <i>Journal of Experimental and Theoretical Physics</i> , <b>2016</b> , 123, 318-321	1	1
39	Density evolution of the energy-rich compound furazano[3,4-e]tetrazine-4,6-dioxide as stability indicator during prolonged storage. <i>Russian Journal of Applied Chemistry</i> , <b>2016</b> , 89, 566-569	0.8	1
38	Molecular structure of 5,7-di(tert-butyl)-2-(6,8-dimethyl-4-chloroquinoline-2-yl)-3-hydroxytropone with two tautomeric forms. <i>Journal of Structural Chemistry</i> , <b>2016</b> , 57, 622-624	0.9	1
37	One-Pot Synthesis and Structure Study of a New Indoline Spiropyran with Cationic Substituent. <i>Doklady Chemistry</i> , <b>2019</b> , 488, 252-256	0.8	1

36	Oxygen Atom Transfer in the Oxidation of Dimethyl Sulfoxide by Oxoammonium Cations. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 3176-3185	4.2	1
35	Single Crystal X-Ray Diffraction Study of Indium(III) and Gallium(III) Fluoride Complexes $MIIAF5\bar{7}H_2O$ (M = Co, Ni, Cu, Zn, Cd; A = In, Ga). <i>Journal of Structural Chemistry</i> , <b>2018</b> , 59, 1400-1404	0.9	1
34	New Photochromic Salt Spiropyran of Indoline Series. <i>Doklady Chemistry</i> , <b>2019</b> , 484, 58-63	0.8	0
33	Synthesis and Crystal Structure of 2D Coordination Polymer $\{[Cu(dps)_2(DMSO)_2](ClO_4)_2\}_n$ Based on 4,4'-Dipyridyl Sulfide. <i>Russian Journal of General Chemistry</i> , <b>2019</b> , 89, 82-86	0.7	0
32	Modeling the Proton Transport in Orthoperiodic and Orthotelluric Acids and Their Salts. <i>Russian Journal of Electrochemistry</i> , <b>2003</b> , 39, 376-385	1.2	0
31	Thermochemical and Energy Characteristics of Dimers of Terfurazanoazepines. <i>Combustion, Explosion and Shock Waves</i> , <b>2020</b> , 56, 621-628	1	0
30	Replacement of the Hetarene Moiety of Molecule in the Synthesis of Indoline Spiropyran with Cationic Fragment. <i>Doklady Chemistry</i> , <b>2020</b> , 492, 76-83	0.8	0
29	Spectacular Enhancement of the Thermal and Photochemical Stability of MAPbI <sub>3</sub> Perovskite Films Using Functionalized Tetraazaadamantane as a Molecular Modifier. <i>Energies</i> , <b>2021</b> , 14, 669	3.1	0
28	New Radical-Cation Salts Based on the TMTTF and TMTSF Donors with Iron and Chromium Bis(Dicarbollide) Complexes: Synthesis, Structure, Properties. <i>Crystals</i> , <b>2021</b> , 11, 1118	2.3	0
27	Field-induced single-ion magnet based on a quasi-octahedral Co(II) complex with mixed sulfur-oxygen coordination environment. <i>Dalton Transactions</i> , <b>2021</b> , 50, 13815-13822	4.3	0
26	Cocrystallizate of ECL-20 with Water and Hydrogen Peroxide as a Potential Component of Solid Composite Propellants. <i>Russian Journal of Physical Chemistry B</i> , <b>2022</b> , 16, 300-307	1.2	0
25	Crystal structure of copper(II) 2-methyl-3-[[3-methyl-5-oxo-1-phenylpyrazole-4-ylidene-methyl]amino]-quinazoline-4-onate. <i>Journal of Structural Chemistry</i> , <b>2017</b> , 58, 358-361	0.9	
24	Synthesis and Structure of 2-Nitroxyethylsuccinylaminodiethylmalonate. <i>Pharmaceutical Chemistry Journal</i> , <b>2015</b> , 49, 192-195	0.9	
23	New copper(II), nickel(II), and cobalt(II) chelates derived from 2-methyl-3-[[3-methyl-5-oxo-1-phenylpyrazol-4-ylidene)methyl]amino]-quinazolin-4-one. <i>Russian Journal of Inorganic Chemistry</i> , <b>2016</b> , 61, 575-582	1.5	
22	Crystal structure and magnetic properties of binuclear copper(II) complex with 2-N-(phenylhydrazono)-3-((ethyl-2-olato)imino)-1-phenyl-1,2,3-butanetrione. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2016</b> , 42, 81-84	1.6	
21	New polyfunctional spiropyran of 1,3-benzoxazin-4-one series with carbonyl-containing substituents in the [2H]-chromene moiety. <i>Doklady Chemistry</i> , <b>2017</b> , 477, 244-247	0.8	
20	Synthesis and structure of 4,6-di(tert-butyl)-2-(4-chloro-7,8-dimethylquinolin-2-yl)-7-(piperidin-1-ylmethyl)-1,3-tropolone. <i>Russian Chemical Bulletin</i> , <b>2017</b> , 66, 2136-2141	1.7	
19	Synthesis and structure of trans-2,2,4,6,6,8,8-heptamethyl-2,3,5a,6,7,8,9,9a-octahydro-1H-pyrido[4,3-b][1,4]diazepin-7-oxyl. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 1670-1674	0.7	

18	Synthesis and crystal structure of bis(β-periodato-O,O',O'')bis(18-crown-6)dirubidium. <i>Russian Journal of Inorganic Chemistry</i> , <b>2007</b> , 52, 1039-1042	1.5
17	Synthesis and structure of 3-(hydroxycarbamoyl)-2,2,5,5-tetramethyl-2,5-dihydropyrrol-1-oxyl. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 1180-1183	0.7
16	Fullerite with intercalated freon C <sub>2</sub> F <sub>2</sub> . <i>Russian Journal of Physical Chemistry A</i> , <b>2008</b> , 82, 1159-1163	0.7
15	The structure of side product in the synthesis of substituted 1,3-tropolones. <i>Russian Journal of Organic Chemistry</i> , <b>2006</b> , 42, 275-277	0.7
14	Crystal Structure and Properties of Rb <sub>4</sub> H <sub>2</sub> I <sub>2</sub> O <sub>10</sub> · 4H <sub>2</sub> O. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2004</b> , 30, 759-764	1.6
13	Singularity of proton transport in salts of orthoperiodic and orthotellurium acids: theoretical modeling using density functional calculations. <i>Dalton Transactions</i> , <b>2004</b> , 2170-9	4.3
12	Synthesis, Structure, and Conduction of Trisubstituted Cesium and Rubidium Salts of Trimesic Acid. <i>Russian Journal of Electrochemistry</i> , <b>2003</b> , 39, 507-512	1.2
11	Synthesis, crystal structure, and conducting properties of a new molecular metal, (BEDO) <sub>4</sub> Ni(CN) <sub>4</sub> · 4CH <sub>3</sub> CN. <i>Crystallography Reports</i> , <b>2005</b> , 50, 601-605	0.6
10	X-ray Diffraction Studies of Molecular Ferrimagnet [P(C <sub>6</sub> H <sub>5</sub> ) <sub>4</sub> ][MnFe(C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ] on Heating. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 41-45	1.6
9	Synthesis and crystal structure of 4-acetoxy-5,6-dihydro-5,5-dinitro-2H-1,3-oxazineN-oxide. <i>Russian Chemical Bulletin</i> , <b>1994</b> , 43, 2087-2090	1.7
8	Crystal and molecular structure of the simple cation-radical salt ethylenedithiopropylenedithiotetrathiafulvalene trichloromercurate (EPT)HgCl <sub>3</sub> . <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1991</b> , 40, 1818-1823	
7	Optical Study of Anisotropy in Organic Conductors D <sub>4</sub> [MBr <sub>4</sub> ](Solvent). <i>Russian Journal of Physical Chemistry A</i> , <b>2020</b> , 94, 990-995	0.7
6	Structural Data and Luminescence Properties of Cu <sub>2</sub> [kMnSnS <sub>4</sub> ] (0 Inorganic Materials, <b>2021</b> , 57, 987-991)	0.9
5	Synthesis and Crystal Structure of Binuclear Ruthenium Nitride Complex with Lithium Counter Cations as a Precatalyst of Water Oxidation Reaction in Artificial Photosynthesis. <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 354-360	1.5
4	Regioselective Synthesis, Structure, and Chemosensitizing Antitumor Activity of Cyclic Hydroxamic Acid Based on DL-Valine. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2021</b> , 47, 757-764	1
3	Crystal Structures of Rb- and Ag-Substituted Forms of Natural Zeolite Amicite. <i>Crystallography Reports</i> , <b>2021</b> , 66, 86-94	0.6
2	Crystal Structure of Two-Dimensional Coordination Polymer {[Cu(dps) <sub>2</sub> (DMSO) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> ] <sub>n</sub> Derived from 4,4'-Dipyridyl Sulfide. <i>Doklady Chemistry</i> , <b>2018</b> , 483, 304-307	0.8
1	Synthesis and Molecular Structure of 3-[N-Acetyl(3,5-dimethylphenyl)amino]-5,7-di(tert-butyl)-2-{5,8-dimethyl-4-[(3,5-dimethylphenyl)amino]quinolin-2-yl}tr	

