

# Sergey A Adonin

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7128203/sergey-a-adonin-publications-by-year.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.

131  
papers

1,547  
citations

23  
h-index

33  
g-index

142  
ext. papers

1,961  
ext. citations

3.5  
avg, IF

5.14  
L-index

#	Paper	IF	Citations
131	2D and 3D Zn(II) coordination polymers based on 4'-(Thiophen-2-yl)-4,2':6',4'-terpyridine: Structures and features of sorption behavior. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1255, 132459	3.4	0
130	Cu(II) pentaiodobenzoate complexes: Super heavy carboxylates featuring strong halogen bonding. <i>Polyhedron</i> , <b>2022</b> , 214, 115644	2.7	2
129	Stoichiometry-dependent oxidation of tris(2-methoxyphenyl)antimony with diiodine. <i>Mendeleev Communications</i> , <b>2022</b> , 32, 109-110	1.9	
128	Homo- and heterometallic iodobismuthates(III) with 1,3,5-trimethylpyridinium cation: Preparation and features of optical behavior. <i>Polyhedron</i> , <b>2022</b> , 216, 115720	2.7	2
127	Halogen-rich halorhenates(IV): (Me <sub>4</sub> N) <sub>2</sub> {[ReX <sub>6</sub> ](X <sub>2</sub> )} (X = Cl, Br). <i>Polyhedron</i> , <b>2022</b> , 221, 115876	2.7	0
126	Bromine-rich tin(IV) halide complexes: Experimental and theoretical examination of Br...Br noncovalent interactions in crystalline state. <i>Polyhedron</i> , <b>2022</b> , 222, 115912	2.7	0
125	Iodinated vs non-iodinated: Comparison of sorption selectivity by [Zn <sub>2</sub> (bdc) <sub>2</sub> dabco] <sub>n</sub> and superstructural 2-iodoterephthalate-based metal-organic framework. <i>Polyhedron</i> , <b>2021</b> , 212, 115587	2.7	1
124	2,3,4,5-Tetraiodopyrrole as a building block for halogen bonding: Formation of supramolecular hybrids with organic iodide salts in solid state. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1230, 129931	3.4	2
123	Oxochloroselenate(IV) with Incorporated {Cl}: The Case of Strong Cl...Cl Halogen Bonding. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9292-9294	4.8	3
122	Zn(II) Heteroleptic Halide Complexes with 2-Halopyridines: Features of Halogen Bonding in Solid State. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
121	Mononuclear Zn(II) 3,5-Diiodosalicylate Complex with 3-Chloropyridine: Synthesis and Features of Non-Covalent Interactions in the Solid State. <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 814-819	1.5	0
120	Bi- and Tetranuclear Antimony(III) Bromide Complexes with Alkanediyl-bis(3-methylpyridinium) Cations. <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 827-833	1.5	0
119	Heteroleptic Cu(I) halide complexes with perchlorinated 1,10-phenanthroline. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1234, 130199	3.4	4
118	CRYSTAL STRUCTURES OF POLYBROMIDE SALTS OF BIS(PYRIDYL)ALKANE DICATIONS. <i>Journal of Structural Chemistry</i> , <b>2021</b> , 62, 1038-1042	0.9	
117	One-Dimensional Supramolecular Hybrid Iodobismuthate (1-EtPy) <sub>3</sub> {[Bi <sub>2</sub> I <sub>9</sub> ](I <sub>2</sub> ) <sub>0.75</sub> }: Structural Features and Theoretical Studies of I...I Non-Covalent Interactions. <i>Journal of Cluster Science</i> , <b>2021</b> , 32, 787-791	3	1
116	Heteroleptic Zn(II) 3,5-diiodosalicylates: Structures, luminescence and features of non-covalent interactions in solid state. <i>Polyhedron</i> , <b>2021</b> , 194, 114895	2.7	3
115	CRYSTAL STRUCTURES OF CoCl <sub>2</sub> ·6H <sub>2</sub> O REACTION PRODUCTS WITH 2-METHYLPYRIDINE AND 2,6-DIMETHYLPYRIDINE. <i>Journal of Structural Chemistry</i> , <b>2021</b> , 62, 90-94	0.9	

114	Unexpected Polymorphism in Bromoantimonate(III) Complexes and Its Effect on Optical Properties. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 2797-2804	5.1	7
113	Rule, Not Exclusion: Formation of Dichlorine-Containing Supramolecular Complexes with Chlorometalates(IV). <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 4171-4177	5.1	7
112	Bromoantimonates with bis(pyridinium)-type dications obtained via oxidation by dibromine: Diverse structural types and features of interactions pattern. <i>Polyhedron</i> , <b>2021</b> , 202, 115217	2.7	0
111	2-METHYLPYRIDINIUM SALT OF PENTAIODOBENZOIC ACID: ROLE OF THE HALOGEN BOND IN THE FORMATION OF A CRYSTAL PACKING. <i>Journal of Structural Chemistry</i> , <b>2021</b> , 62, 1237-1242	0.9	
110	CRYSTAL STRUCTURES OF MIXED-LIGAND BINUCLEAR Zn(II) 2-IODOBENZOATE COMPLEXES WITH 4-ETHYL- AND 3-CHLOROPYRIDINE. <i>Journal of Structural Chemistry</i> , <b>2021</b> , 62, 1251-1256	0.9	0
109	CRYSTAL STRUCTURES OF BINUCLEAR CHLOROBISMUTHATE COMPLEXES WITH 3-METHYLPYRIDINIUM AND 4-IODOPYRIDINIUM CATIONS. <i>Journal of Structural Chemistry</i> , <b>2021</b> , 62, 1257-1262	0.9	0
108	Bromide Complexes of Sb(III) with the 4,4'-Dimethyl-1,1'-Butanediylbis(pyridinium) Cation: Unexpected Formation of Polymorphs with Complex Cations of Various Nuclearity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 620-625	1.6	0
107	Cu(II) 2-iodobenzoates: precursor-dependent formation of paddlewheel-like [Cu <sub>2</sub> (OOCR) <sub>4</sub> L <sub>2</sub> ] or [Cu <sub>2</sub> L <sub>4</sub> (OOCR) <sub>2</sub> Cl <sub>2</sub> ] binuclear complexes. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 524, 120436	2.7	6
106	Mono- and binuclear Cu (II) 3,5-diiodosalicylates: Structures and features of non-covalent interactions in crystalline state. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1244, 130942	3.4	3
105	Supramolecular Bromoantimonate(V) Polybromide (2,6-BrPyH) <sub>3</sub> [SbBr <sub>6</sub> ]{(Br <sub>2</sub> )Br} · 2H <sub>2</sub> O: Specific Features of Halogen·····Halogen Contacts in the Crystal Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 302-307	1.6	4
104	Halogen Bonding in Isostructural Co(II) Complexes with 2-Halopyridines. <i>Crystals</i> , <b>2020</b> , 10, 289	2.3	14
103	Opening the Third Century of Polyhalide Chemistry: Thermally Stable Complex with "Trapped" Dichlorine. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 13776-13778	4.8	10
102	Crystal Structure of the Heteroligand Complex [(2-Br-5-MePy) <sub>2</sub> CoCl <sub>2</sub> ] · (2-Br-5-MePy): Formation of Supramolecular Associates due to the Halogen Bond. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 37-41	1.6	4
101	Two-Dimensional Coordination Polymer {[Bi(·yz)I <sub>3</sub> ]}: Structure and Analysis of the Packing Using the Hirshfeld Surface Method. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 23-27	1.6	7
100	Heteroleptic Binuclear Iodoacetate Copper(II) Complexes with 3-Bromopyridine and 4-Ethylpyridine: Crystal Structures and Peculiarities of Contacts Halogen·····Halogen. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 119-124	1.6	3
99	Memory devices based on novel alkyl viologen halobismuthate(iii) complexes. <i>Chemical Communications</i> , <b>2020</b> , 56, 9162-9165	5.8	8
98	Halogen·····halogen contacts in triiodide salts of pyridinium-derived cations: Theoretical and spectroscopic studies. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1209, 127949	3.4	3
97	One- and Two-Dimensional Iodine-Rich Iodobismuthate(III) Complexes: Structure, Optical Properties, and Features of Halogen Bonding in the Solid State. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 3290-3298 <sup>5.1</sup>	5.1	19

96	Chlorotellurate(IV) supramolecular associates with $\text{Br}_2$ : features of non-covalent halogen-halogen interactions in crystalline phases. <i>CrystEngComm</i> , <b>2020</b> , 22, 1985-1990	3.3	6
95	CRYSTAL STRUCTURES OF POLYNUCLEAR ANTIMONY BROMIDE COMPLEXES (Et(n-Pr) $_3$ N) $_3$ [Sb $_3$ Br $_{12}$ ] AND (2,2'-bipyH) $_4$ [Sb $_4$ Br $_{20}$ ]. <i>Journal of Structural Chemistry</i> , <b>2020</b> , 61, 1794-1799	6.9	0
94	Thermodynamic study of bromine evaporation from solid Bi(III) polybromides. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 141, 105958	2.9	1
93	Five new Sb(V) bromide complexes and their polybromide derivatives with pyridinium-type cations: Structures, thermal stability and features of halogen-halogen contacts in solid state. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119278	2.7	4
92	Heteroleptic copper(II) complexes with 2-bromo-5-methylpyridine: Structures, features of non-covalent interactions and magnetic behavior. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119333	2.7	1
91	Tellurium complex polyhalides: narrow bandgap photoactive materials for electronic applications. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 21988-21992	1.3	1
90	One-Dimensional Diiodine-Iodobismuthate(III) Hybrids Cat{[Bi](I)}: Syntheses, Stability, and Optical Properties. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17320-17325	5.1	13
89	Heteroligand Cu(II) Complexes with 2-Halogenopyridines: Crystal Structure and Features of Halogen-Halogen Contacts in the Solid State. <i>Journal of Structural Chemistry</i> , <b>2020</b> , 61, 712-718	0.9	3
88	Hybrid chlorobismuthate(III) $\text{Br}_2$ unit: Crystal structure and theoretical investigation of non-covalent Cl-Br interactions in (1-MePy) $_3$ {[Bi $_2$ Cl $_9$ ](Br $_2$ )}. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 513, 119932	2.7	2
87	Substituent-dependent reactivity of triarylantimony(III) toward I $_2$ : isolation of [Ar $_3$ SbI] $^+$ salt. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 14339-14342	3.6	3
86	Neutral heteroleptic complexes of bis(2-halopyridine)dihalocopper(II) family: How the nature of halogen atom affects supramolecular motifs and energies of halogen bonding in solid state?. <i>Solid State Sciences</i> , <b>2020</b> , 109, 106441	3.4	2
85	The stabilization of decabromide {Br $_{10}$ } $_2$ anion in the structure of Sb(V) bromide complex. <i>Journal of Coordination Chemistry</i> , <b>2020</b> , 73, 3038-3043	1.6	1
84	Bromide complexes of bismuth with 4-bromobenzyl-substituted cations of pyridinium family. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1199, 126955	3.4	1
83	Thermochromism of bromotellurates(IV): experimental insights. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 3927-3930	3.6	13
82	Polymeric iodobismuthates {[Bi $_3$ I $_{10}$ ]} and {[Bi $_4$ ]} with N-heterocyclic cations: promising perovskite-like photoactive materials for electronic devices. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 5957-5966	1.3	40
81	Halogen bonding-assisted assembly of bromoantimonate(V) and polybromide-bromoantimonate-based frameworks. <i>CrystEngComm</i> , <b>2019</b> , 21, 850-856	3.3	21
80	Halogen bonding-assisted formation of one-dimensional polybromide bromotellurate (2-ClPyH) $_2$ {[TeBr $_6$ ](Br $_2$ )}. <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 1890-1898	1.6	4
79	Heteroleptic Cu(II) iodoacetate complex: Appearance of halogen bonding in solid state. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 105, 221-224	3.1	10

78	2-Chlorobenzoate Complex of Cu(II): Unexpected Appearance of Halogen-Halogen Contacts in Solid State. <i>Journal of Cluster Science</i> , <b>2019</b> , 30, 857-861	3	7
77	Mononuclear Sb(V) Bromide Complexes with 3-Halopyridinium Cations: Synthesis, Structures, and Thermal Stability. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 128-132	1.6	4
76	Polymeric Lead(II) Iodoacetate: Pb and I Non-Covalent Interactions in the Solid State. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 4221-4223	2.3	6
75	Tetranuclear anionic bromobismuthate [Bi <sub>4</sub> Br <sub>18</sub> ] <sup>6-</sup> New structural type in halometalate collection. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 103, 72-74	3.1	6
74	Halobismuthates with 3-iodopyridinium cations: Halogen bonding-assisted crystal packing. <i>Polyhedron</i> , <b>2019</b> , 166, 137-140	2.7	9
73	Halogen bonding in heteroleptic Cu(II) 2-iodobenzoates. <i>Polyhedron</i> , <b>2019</b> , 171, 312-316	2.7	7
72	Crystal Structures of Bromobismuthate Complexes ((3-MePy) <sub>2</sub> C <sub>2</sub> ) <sub>4</sub> [Bi <sub>2</sub> Br <sub>11</sub> ][BiBr <sub>6</sub> ] and (3-MePy) <sub>2</sub> C <sub>2</sub> [Bi <sub>2</sub> Br <sub>11</sub> ](Br <sub>3</sub> ). <i>Journal of Structural Chemistry</i> , <b>2019</b> , 60, 1655-1659	0.9	2
71	Antimony(V) Bromide and Polybromide Complexes with N-alkylated Quinolinium or Isoquinolinium Cations: Substituent-dependent Assembly of Polymeric Frameworks. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2019</b> , 645, 1141-1145	1.3	7
70	Crystal Structures of Bi- and Tetranuclear Halide Complexes of Bi(III) with 2,6-Dimethyl- and 2,4,6-Trimethylpyridine Cations. <i>Journal of Structural Chemistry</i> , <b>2019</b> , 60, 1799-1803	0.9	1
69	Halogen bonding in the structures of pentaiodobenzoic acid and its salts. <i>CrystEngComm</i> , <b>2019</b> , 21, 6666-6670	3.6	18
68	Binuclear and polymeric bromobismuthate complexes: Crystal structures and thermal stability. <i>Polyhedron</i> , <b>2019</b> , 159, 318-322	2.7	18
67	Polybromides of pyridinium and quinolinium-type cations: Cation-induced structural diversity and theoretical analysis of Br <sup>+</sup> Br <sup>-</sup> interactions. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1179, 725-731	3.4	6
66	Hybrid Solar Cells: Antimony (V) Complex Halides: Lead-Free Perovskite-Like Materials for Hybrid Solar Cells (Adv. Energy Mater. 6/2018). <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1870026	21.8	0
65	Bromo- and Polybromoantimonates(V): Structural and Theoretical Studies of Hybrid Halogen-Rich Halometalate Frameworks. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 10165	4.8	36
64	Polyhalide-bonded metal complexes: Structural diversity in an eclectic class of compounds. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 367, 1-17	23.2	32
63	Mononuclear bromide complexes of Sb(V): crystal structures and thermal behaviour. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1160, 102-106	3.4	6
62	A novel polybromide complex of bismuth [(Et <sub>4</sub> N) <sub>3</sub> ][Bi <sub>2</sub> Br <sub>9</sub> ](Br <sub>2</sub> ): synthesis and structural features. <i>Mendeleev Communications</i> , <b>2018</b> , 28, 39-40	1.9	4
61	Bromine-rich complexes of bismuth: experimental and theoretical studies. <i>Dalton Transactions</i> , <b>2018</b> , 47, 2683-2689	4.3	38

60	A HPLC-ICP-AES technique for the screening of [XW11NbO40]n <sup>-</sup> aqueous solutions. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 7940-7948	3.6	7
59	Polybromide salts of tetraalkyl and N-heterocyclic cations: New entries into the structural library. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 469, 583-587	2.7	10
58	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
57	Halobismuthates with bis(pyridinium)alkane cations: Correlations in crystal structures and optical properties. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 469, 32-37	2.7	24
56	A Novel Family of Polyiodo-Bromoantimonate(III) Complexes: Cation-Driven Self-Assembly of Photoconductive Metal-Polyhalide Frameworks. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 14707-14711	4.8	33
55	1D and 2D Polybromotellurates(IV): Structural Studies and Thermal Stability. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3264-3269	2.3	17
54	Mononuclear bromotellurates (IV) with pyridinium-type cations: Structures and thermal stability. <i>Polyhedron</i> , <b>2018</b> , 151, 498-502	2.7	6
53	Bromobismuthates: Cation-induced structural diversity and Hirshfeld surface analysis of cation-anion contacts. <i>Polyhedron</i> , <b>2018</b> , 139, 282-288	2.7	25
52	Different behavior of Bi <sup>3+</sup> to [XW12O40][X = P, Si; n = 3, 4]. <i>Polyhedron</i> , <b>2018</b> , 141, 393-397	2.7	4
51	Halobismuthates with halopyridinium cations: appearance or non-appearance of unusual colouring. <i>CrystEngComm</i> , <b>2018</b> , 20, 7766-7772	3.3	32
50	Tetra- and Pentanuclear Iodobismuthates with the Cation Based on 2,3,5,6-Tetramethylpyrazine: Syntheses and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 772-778	1.6	3
49	New structural type in polybromide-bromometalate hybrids: (Me <sub>3</sub> NH) <sub>3</sub> [[Bi <sub>2</sub> Br <sub>9</sub> ](Br <sub>2</sub> )] [Crystal structure and theoretical studies of non-covalent Br...Br interactions. <i>Inorganic Chemistry Communication</i> , <b>2018</b> , 98, 169-173	3.1	4
48	Mononuclear Molybdenum Oxohalide Complexes (Bu <sub>4</sub> N)[MoOCl <sub>4</sub> (H <sub>2</sub> O)] and (Bu <sub>4</sub> N)[MoOBr <sub>4</sub> (H <sub>2</sub> O)]: Synthesis and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 673-677	1.6	1
47	Mono- and Binuclear Chloride and Bromide Complexes of Bi(III) with Double-Charged Cations Based on Pyridine: Syntheses and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 502-506	1.6	8
46	Bi(III) immobilization inside MIL-101: enhanced photocatalytic performance. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2255-2260	3.6	4
45	Zn-containing double complex salts formed by Keggin type polyoxotungstates: Synthesis and crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2017</b> , 43, 368-372	1.6	1
44	Polymeric hybrid iodoplumbates and iodobismuthates containing mono- and bisalkylated derivatives of 1,2-bis(4-pyridyl)ethylene: Structural and optical features. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 462, 323-328	2.7	8
43	Chlorobismuthates Trapping Dibromine: Formation of Two-Dimensional Supramolecular Polyhalide Networks with Br <sub>2</sub> Linkers. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 4925-4929	2.3	20

42	One-dimensional polymeric polybromotellurates(IV): structural and theoretical insights into halogen-halogen contacts. <i>CrystEngComm</i> , <b>2017</b> , 19, 5934-5939	3.3	44
41	Halogen Contacts-Induced Unusual Coloring in Bi Bromide Complex: Anion-to-Cation Charge Transfer via Br <sup>δ-</sup> Br Interactions. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 15612-15616	4.8	50
40	Crystal structures of binuclear Bi(III) chloride and bromide complexes with some cations and Alkylated pyridine derivatives. <i>Journal of Structural Chemistry</i> , <b>2017</b> , 58, 718-723	0.9	8
39	Bismuth(III) Halide Complexes: New Structural Types and New Application Areas. <i>Russian Journal of Inorganic Chemistry</i> , <b>2017</b> , 62, 1789-1796	1.5	32
38	New structural type in the chemistry of bismuth(III) polynuclear halide complexes: Synthesis and crystal structure of (H <sub>3</sub> O) <sub>3</sub> (diquat) <sub>6</sub> {[BiBr <sub>5</sub> ]} <sub>6</sub> [BiBr <sub>6</sub> ] · 12H <sub>2</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2016</b> , 61, 958-963	1.5	8
37	Binuclear bismuth halide complexes (N-Me(2,2'-BipyH)) <sub>2</sub> [Bi <sub>2</sub> X <sub>10</sub> ] (X = Cl, Br): Syntheses, crystal structures, and optical properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2016</b> , 42, 695-700	1.6	8
36	Hybrid salts of binuclear Bi(III) halide complexes with 1,2-bis(pyridinium)ethane cation: Synthesis, structure and luminescent behavior. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 450, 232-235	2.7	35
35	Trapping molecular bromine: a one-dimensional bromobismuthate complex with Br <sub>2</sub> as a linker. <i>Dalton Transactions</i> , <b>2016</b> , 45, 3691-3	4.3	27
34	Polynuclear halide complexes of Bi(III): From structural diversity to the new properties. <i>Coordination Chemistry Reviews</i> , <b>2016</b> , 312, 1-21	23.2	165
33	Bi(III) polybromides: a new chapter in coordination chemistry of bismuth. <i>Chemical Communications</i> , <b>2016</b> , 52, 5061-3	5.8	39
32	Binuclear bromide complex of Bi(III): Thermally induced changes in optical properties. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1112, 21-24	3.4	6
31	Lability of lone electron pairs at Bi(III) and polymorphism of TBA <sub>4</sub> [Mo <sub>8</sub> O <sub>26</sub> (Bi <sub>3</sub> ) <sub>2</sub> ]: Theoretical study. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 443, 1-6	2.7	2
30	Polymer chlorobismuthate complex catena-(((Me <sub>2</sub> N)Bpe)[BiCl <sub>5</sub> ]) <sub>n</sub> : Synthesis and crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2016</b> , 42, 27-31	1.6	7
29	Heterogeneous bromination of alkenes using Bi(III) polybromide complexes as {Br <sub>2</sub> } source. <i>RSC Advances</i> , <b>2016</b> , 6, 62011-62013	3.7	19
28	Complexes of non-lacunary Keggin- and Dawson-type polyoxometalates with Pb(II): formation of 1D coordination polymers with different bonding modes. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 9981-9985	3.6	8
27	Luminescent properties of 4,4'-bipyridinium chlorobismuthate salt: Strong influence of solvation. <i>Inorganic Chemistry Communication</i> , <b>2015</b> , 54, 89-91	3.1	29
26	Bi(III) halide complexes containing 4,4'-vinylenedipyridinium cation: Synthesis, structure and luminescence in solid state. <i>Polyhedron</i> , <b>2015</b> , 98, 1-4	2.7	27
25	Binuclear Bi(III) halide complexes with 4,4'-ethylenedipyridinium cations: luminescence tuning by reversible solvation. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 5529-5533	3.6	29

24	Iodobismuthate complex (Bu <sub>4</sub> N) <sub>3</sub> [Bi <sub>3</sub> I <sub>12</sub> ]: Crystal structure of a new polymorph. <i>Journal of Structural Chemistry</i> , <b>2015</b> , 56, 795-799	0.9	9
23	Mono- and binuclear Bi(III) iodide complexes containing 2,2'-bipyridyl and 1,10-phenanthroline: Synthesis and structure. <i>Journal of Structural Chemistry</i> , <b>2015</b> , 56, 708-713	0.9	6
22	A double complex Cd(II) salt containing the Keggin polyoxoanion and the supramolecular cation of the [amide][amide] <sup>+</sup> type. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2015</b> , 41, 633-637	1.6	4
21	An Ir(IV)-containing polyoxometalate. <i>Chemical Communications</i> , <b>2015</b> , 51, 1222-5	5.8	18
20	Crystal structure of two salts derived from paratungstate in the [H <sub>2</sub> W <sub>12</sub> O <sub>42</sub> ] <sub>10</sub> <sup>10-</sup> anion. <i>Journal of Structural Chemistry</i> , <b>2014</b> , 55, 295-298	0.9	9
19	Crystal structure of Ir(III) complexes with 1,10-phenanthroline: K[Ir(phen)Cl <sub>4</sub> ] <sup>+</sup> H <sub>2</sub> O and (Me <sub>4</sub> N)[Ir(phen)Cl <sub>4</sub> ]. <i>Journal of Structural Chemistry</i> , <b>2014</b> , 55, 509-514	0.9	
18	Polyoxomolybdate-supported bismuth trihalides [Mo <sub>8</sub> O <sub>26</sub> (BiX <sub>3</sub> ) <sub>2</sub> ] <sup>(4-)</sup> (X = Cl, Br, I): syntheses and study of polymorphism. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 6886-92	5.1	10
17	Thermochromic behavior and phase transition of new octanuclear polyiodobismuth(III)ate. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 419, 19-25	2.7	29
16	Keggin-type Polyoxometalates [PW <sub>11</sub> O <sub>39</sub> MCl] <sub>5</sub> <sup>-</sup> with Noble Metals (M = Rh and Ir): Novel Synthetic Entries and ESI-MS Directed Reactivity Screening. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 122-127	1.3	13
15	Trinuclear iodobismuthate complex [Na <sub>3</sub> (Me <sub>2</sub> CO) <sub>12</sub> ][Bi <sub>3</sub> I <sub>12</sub> ]: Synthesis and crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2014</b> , 40, 867-870	1.6	17
14	Gas-Phase Fragmentation Reactions of Keggin-Type {PW <sub>11</sub> O <sub>39</sub> M} (M = Rh, Ir, and Ru) Polyoxometalates as Fingerprints of the Ligands Attached at the Noble Metal Site. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 5618-5624	2.3	12
13	New {RuNO} polyoxometalate [PW <sub>11</sub> O <sub>39</sub> Ru(II)(NO)] <sub>4</sub> <sup>-</sup> : synthesis and reactivity. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 9675-82	5.1	18
12	Complexes of M <sub>3</sub> S <sub>4</sub> <sup>4+</sup> (M=Mo, W) with chiral alpha-hydroxy and aminoacids: Synthesis, structure and solution studies. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 395, 11-18	2.7	13
11	Reactions of rhodium (II) acetate with non-lacunary Keggin and Dawson polyoxoanions and related catalytic studies. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 394, 656-662	2.7	16
10	[PtBi <sub>2</sub> I <sub>12</sub> ] <sub>2</sub> <sup>-</sup> : the first polyiodobismuthate containing an octahedral heterometallic unit. <i>Dalton Transactions</i> , <b>2013</b> , 42, 9818-21	4.3	26
9	Self-assembly of polyoxotungstate with tetrarhodium-oxo core: synthesis, structure and 183W NMR studies. <i>Chemical Communications</i> , <b>2012</b> , 48, 6666-8	5.8	24
8	A Pt(II) isopolytungstate: synthesis and crystal structure. <i>Dalton Transactions</i> , <b>2012</b> , 41, 11978-9	4.3	12
7	Organometallic derivatives of Rh- and Ir-substituted polyoxotungstates with Keggin structure: reactivity screening by electrospray ionization mass-spectrometry. <i>Dalton Transactions</i> , <b>2012</b> , 41, 9889-92	4.3	20



6	Synthesis and characterization of [PW <sub>11</sub> O <sub>39</sub> Ir(H <sub>2</sub> O)] <sub>4</sub> ⁻: successful incorporation of Ir into polyoxometalate framework and study of the substitutional lability at the Ir(III) site. <i>Chemical Communications</i> , <b>2011</b> , 47, 7833-5	5.8	24
5	Synthesis and crystal structure of [Mo <sub>3</sub> S <sub>4</sub> (Dppen) <sub>3</sub> Cl <sub>3</sub> ]PF <sub>6</sub> · 1.5CH <sub>2</sub> Cl <sub>2</sub> and [W <sub>3</sub> S <sub>4</sub> (Dppe) <sub>3</sub> Br <sub>3</sub> ] <sub>2</sub> ZnBr <sub>4</sub> · 5.5CH <sub>3</sub> CN. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 637-643	1.6	2
4	Synthesis and crystal structure of [W <sub>3</sub> S <sub>4</sub> (Acac) <sub>3</sub> (PPh <sub>3</sub> ) <sub>3</sub> ]PF <sub>6</sub> · 0.5CHCl <sub>3</sub> and [W <sub>3</sub> S <sub>4</sub> (Hfac) <sub>3</sub> (PPh <sub>3</sub> ) <sub>2</sub> Br] · 2CHCl <sub>3</sub> . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 734-738	1.6	
3	Ligand substitution in the cluster complex [Mo <sub>3</sub> S <sub>7</sub> Cl <sub>6</sub> ] <sub>2</sub> Synthesis and crystal structure of (Et <sub>4</sub> N)[Mo <sub>3</sub> S <sub>7</sub> Cl <sub>5</sub> (CH <sub>3</sub> CN)]. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 871-875	1.6	3
2	Supramolecular Systems Based on Ca <sup>2+</sup> , [Mo <sub>3</sub> O <sub>2</sub> S <sub>2</sub> Cl <sub>6</sub> (H <sub>2</sub> O) <sub>3</sub> ] <sub>2</sub> ⁻, [Mo <sub>3</sub> S <sub>4</sub> Cl <sub>6</sub> .75Br <sub>0.25</sub> (H <sub>2</sub> O) <sub>2</sub> ] <sub>3</sub> ⁻ and Cucurbit[6]uril. <i>Journal of Structural Chemistry</i> , <b>2010</b> , 51, 731-736	0.9	6
1	Dichlorine-containing chlorobismuthate(III) supramolecular hybrid: structure and experimental studies of stability. <i>CrystEngComm</i> ,	3.3	1