

Sergey A Adonin

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7128203/sergey-a-adonin-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.

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	Polynuclear halide complexes of Bi(III): From structural diversity to the new properties. <i>Coordination Chemistry Reviews</i> , 2016 , 312, 1-21	23.2	165
130	Antimony (V) Complex Halides: Lead-Free Perovskite-Like Materials for Hybrid Solar Cells. <i>Advanced Energy Materials</i> , 2018 , 8, 1701140	21.8	57
129	Halogen Contacts-Induced Unusual Coloring in Bi Bromide Complex: Anion-to-Cation Charge Transfer via Br...Br Interactions. <i>Chemistry - A European Journal</i> , 2017 , 23, 15612-15616	4.8	50
128	One-dimensional polymeric polybromotellurates(IV): structural and theoretical insights into halogen-halogen contacts. <i>CrystEngComm</i> , 2017 , 19, 5934-5939	3.3	44
127	Polymeric iodobismuthates {[Bi3I10]} and {[BiI4]} with N-heterocyclic cations: promising perovskite-like photoactive materials for electronic devices. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 5957-5966	13	40
126	Bi(III) polybromides: a new chapter in coordination chemistry of bismuth. <i>Chemical Communications</i> , 2016 , 52, 5061-3	5.8	39
125	Bromine-rich complexes of bismuth: experimental and theoretical studies. <i>Dalton Transactions</i> , 2018 , 47, 2683-2689	4.3	38
124	Bromo- and Polybromoantimonates(V): Structural and Theoretical Studies of Hybrid Halogen-Rich Halometalate Frameworks. <i>Chemistry - A European Journal</i> , 2018 , 24, 10165	4.8	36
123	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> , 2016 , 450, 232-235	2.7	35
122	A Novel Family of Polyiodo-Bromoantimonate(III) Complexes: Cation-Driven Self-Assembly of Photoconductive Metal-Polyhalide Frameworks. <i>Chemistry - A European Journal</i> , 2018 , 24, 14707-14711	4.8	33
121	Polyhalide-bonded metal complexes: Structural diversity in an eclectic class of compounds. <i>Coordination Chemistry Reviews</i> , 2018 , 367, 1-17	23.2	32
120	Bismuth(III) Halide Complexes: New Structural Types and New Application Areas. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 1789-1796	1.5	32
119	Halobismuthates with halopyridinium cations: appearance or non-appearance of unusual colouring. <i>CrystEngComm</i> , 2018 , 20, 7766-7772	3.3	32
118	Luminescent properties of 4,4'-bipyridinium chlorobismuthate salt: Strong influence of solvation. <i>Inorganic Chemistry Communication</i> , 2015 , 54, 89-91	3.1	29
117	Binuclear Bi(III) halide complexes with 4,4'-ethylenepyridinium cations: luminescence tuning by reversible solvation. <i>New Journal of Chemistry</i> , 2015 , 39, 5529-5533	3.6	29
116	Thermochromic behavior and phase transition of new octanuclear polyiodobismuth(III)ate. <i>Inorganica Chimica Acta</i> , 2014 , 419, 19-25	2.7	29
115	Bi(III) halide complexes containing 4,4'-vinylenedipyridinium cation: Synthesis, structure and luminescence in solid state. <i>Polyhedron</i> , 2015 , 98, 1-4	2.7	27

114	Trapping molecular bromine: a one-dimensional bromobismuthate complex with Br ₂ as a linker. <i>Dalton Transactions</i> , 2016 , 45, 3691-3	4.3	27
113	[PtBi ₂ I ₁₂] ₂ ·: the first polyiodobismuthate containing an octahedral heterometallic unit. <i>Dalton Transactions</i> , 2013 , 42, 9818-21	4.3	26
112	Bromobismuthates: Cation-induced structural diversity and Hirshfeld surface analysis of cation-anion contacts. <i>Polyhedron</i> , 2018 , 139, 282-288	2.7	25
111	Halobismuthates with bis(pyridinium)alkane cations: Correlations in crystal structures and optical properties. <i>Inorganica Chimica Acta</i> , 2018 , 469, 32-37	2.7	24
110	Self-assembly of polyoxotungstate with tetrarhodium-oxo core: synthesis, structure and 183W NMR studies. <i>Chemical Communications</i> , 2012 , 48, 6666-8	5.8	24
109	Synthesis and characterization of [PW ₁₁ O ₃₉ Ir(H ₂ O)] ₄ ·: successful incorporation of Ir into polyoxometalate framework and study of the substitutional lability at the Ir(III) site. <i>Chemical Communications</i> , 2011 , 47, 7833-5	5.8	24
108	Halogen bonding-assisted assembly of bromoantimonate(V) and polybromide-bromoantimonate-based frameworks. <i>CrystEngComm</i> , 2019 , 21, 850-856	3.3	21
107	Chlorobismuthates Trapping Dibromine: Formation of Two-Dimensional Supramolecular Polyhalide Networks with Br ₂ Linkers. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4925-4929	2.3	20
106	Organometallic derivatives of Rh- and Ir-substituted polyoxotungstates with Keggin structure: reactivity screening by electrospray ionization mass-spectrometry. <i>Dalton Transactions</i> , 2012 , 41, 9889-92 ³	4.3	20
105	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> , 2020 , 59, 3290-3296 ^{5.1}	5.1	19
104	Heterogeneous bromination of alkenes using Bi(III) polybromide complexes as {Br ₂ } source. <i>RSC Advances</i> , 2016 , 6, 62011-62013	3.7	19
103	An Ir(IV)-containing polyoxometalate. <i>Chemical Communications</i> , 2015 , 51, 1222-5	5.8	18
102	New {RuNO} polyoxometalate [PW ₁₁ O ₃₉ Ru(II)(NO)] ₄ ·: synthesis and reactivity. <i>Inorganic Chemistry</i> , 2013 , 52, 9675-82	5.1	18
101	Halogen bonding in the structures of pentaiodobenzoic acid and its salts. <i>CrystEngComm</i> , 2019 , 21, 6666-6670 ^{3.5}	3.5	18
100	Binuclear and polymeric bromobismuthate complexes: Crystal structures and thermal stability. <i>Polyhedron</i> , 2019 , 159, 318-322	2.7	18
99	1D and 2D Polybromotellurates(IV): Structural Studies and Thermal Stability. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3264-3269	2.3	17
98	Trinuclear iodobismuthate complex [Na ₃ (Me ₂ CO) ₁₂][Bi ₃ I ₁₂]: Synthesis and crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014 , 40, 867-870	1.6	17
97	Reactions of rhodium (II) acetate with non-lacunary Keggin and Dawson polyoxoanions and related catalytic studies. <i>Inorganica Chimica Acta</i> , 2013 , 394, 656-662	2.7	16

96	Halogen Bonding in Isostructural Co(II) Complexes with 2-Halopyridines. <i>Crystals</i> , 2020 , 10, 289	2.3	14
95	Thermochromism of bromotellurates(IV): experimental insights. <i>New Journal of Chemistry</i> , 2019 , 43, 3927-3930	3.6	13
94	Keggin-type Polyoxometalates [PW ₁₁ O ₃₉ MCl] ₅ with Noble Metals (M = Rh and Ir): Novel Synthetic Entries and ESI-MS Directed Reactivity Screening. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 122-127	1.3	13
93	Complexes of M ₃ S ₄ ⁴⁺ (M=Mo, W) with chiral alpha-hydroxy and aminoacids: Synthesis, structure and solution studies. <i>Inorganica Chimica Acta</i> , 2013 , 395, 11-18	2.7	13
92	One-Dimensional Diiodine-Iodobismuthate(III) Hybrids Cat{[BiI](I)}: Syntheses, Stability, and Optical Properties. <i>Inorganic Chemistry</i> , 2020 , 59, 17320-17325	5.1	13
91	Gas-Phase Fragmentation Reactions of Keggin-Type {PW ₁₁ O ₃₉ 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> , 2014 , 2014, 5618-5624	2.3	12
90	A Pt(II) isopolytungstate: synthesis and crystal structure. <i>Dalton Transactions</i> , 2012 , 41, 11978-9	4.3	12
89	Heteroleptic Cu(II) iodoacetate complex: Appearance of halogen bonding in solid state. <i>Inorganic Chemistry Communication</i> , 2019 , 105, 221-224	3.1	10
88	Opening the Third Century of Polyhalide Chemistry: Thermally Stable Complex with "Trapped" Dichlorine. <i>Chemistry - A European Journal</i> , 2020 , 26, 13776-13778	4.8	10
87	Polybromide salts of tetraalkyl and N-heterocyclic cations: New entries into the structural library. <i>Inorganica Chimica Acta</i> , 2018 , 469, 583-587	2.7	10
86	Polyoxomolybdate-supported bismuth trihalides [Mo ₈ O ₂₆ (BiX ₃) ₂] ₄₋ (X = Cl, Br, I): syntheses and study of polymorphism. <i>Inorganic Chemistry</i> , 2014 , 53, 6886-92	5.1	10
85	Halobismuthates with 3-iodopyridinium cations: Halogen bonding-assisted crystal packing. <i>Polyhedron</i> , 2019 , 166, 137-140	2.7	9
84	Iodobismuthate complex (Bu ₄ N) ₃ [BiI ₁₂]: Crystal structure of a new polymorph. <i>Journal of Structural Chemistry</i> , 2015 , 56, 795-799	0.9	9
83	Crystal structure of two salts derived from paratungstate in the [H ₂ W ₁₂ O ₄₂] ₁₀ ⁻ anion. <i>Journal of Structural Chemistry</i> , 2014 , 55, 295-298	0.9	9
82	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> , 2017 , 462, 323-328	2.7	8
81	Memory devices based on novel alkyl viologen halobismuthate(III) complexes. <i>Chemical Communications</i> , 2020 , 56, 9162-9165	5.8	8
80	New structural type in the chemistry of bismuth(III) polynuclear halide complexes: Synthesis and crystal structure of (H ₃ O) ₃ (diquat) ₆ {[BiBr ₅] ₆ [BiBr ₆]} · 12H ₂ O. <i>Russian Journal of Inorganic Chemistry</i> , 2016 , 61, 958-963	1.5	8
79	Binuclear bismuth halide complexes (N-Me(2,2'-BipyH)) ₂ [Bi ₂ X ₁₀] (X = Cl, Br): Syntheses, crystal structures, and optical properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016 , 42, 695-700	1.6	8

78	Crystal structures of binuclear Bi(III) chloride and bromide complexes with some cations \square Alkylated pyridine derivatives. <i>Journal of Structural Chemistry</i> , 2017 , 58, 718-723	0.9	8
77	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> , 2016 , 40, 9981-9985 ^{3,6}		8
76	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> , 2018 , 44, 502-506	1.6	8
75	2-Chlorobenzoate Complex of Cu(II): Unexpected Appearance of Halogen \cdots Halogen Contacts in Solid State. <i>Journal of Cluster Science</i> , 2019 , 30, 857-861	3	7
74	Two-Dimensional Coordination Polymer $\{[Bi(\text{-yz})I_3]\}$: Structure and Analysis of the Packing Using the Hirshfeld Surface Method. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 23-27	1.6	7
73	A HPLC-ICP-AES technique for the screening of $[XW_{11}NbO_{40}]_n$ aqueous solutions. <i>New Journal of Chemistry</i> , 2018 , 42, 7940-7948	3.6	7
72	Polymer chlorobismuthate complex catena- $\{((\text{Me},\text{Me})\text{Bpe})[BiCl_5]\}_n$: Synthesis and crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016 , 42, 27-31	1.6	7
71	Halogen bonding in heteroleptic Cu(II) 2-iodobenzoates. <i>Polyhedron</i> , 2019 , 171, 312-316	2.7	7
70	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> , 2019 , 645, 1141-1145	1.3	7
69	Unexpected Polymorphism in Bromoantimonate(III) Complexes and Its Effect on Optical Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 2797-2804	5.1	7
68	Rule, Not Exclusion: Formation of Dichlorine-Containing Supramolecular Complexes with Chlorometalates(IV). <i>Inorganic Chemistry</i> , 2021 , 60, 4171-4177	5.1	7
67	Polymeric Lead(II) Iodoacetate: Pb \cdots and I \cdots Non-Covalent Interactions in the Solid State. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4221-4223	2.3	6
66	Tetranuclear anionic bromobismuthate $[Bi_4Br_{18}]_6$: New structural type in halometalate collection. <i>Inorganic Chemistry Communication</i> , 2019 , 103, 72-74	3.1	6
65	Mono- and binuclear Bi(III) iodide complexes containing 2,2'-bipyridyl and 1,10-phenanthroline: Synthesis and structure. <i>Journal of Structural Chemistry</i> , 2015 , 56, 708-713	0.9	6
64	Chlorotellurate(IV) supramolecular associates with Br_2 : features of non-covalent halogen \cdots halogen interactions in crystalline phases. <i>CrystEngComm</i> , 2020 , 22, 1985-1990	3.3	6
63	Mononuclear bromide complexes of Sb(V): crystal structures and thermal behaviour. <i>Journal of Molecular Structure</i> , 2018 , 1160, 102-106	3.4	6
62	Binuclear bromide complex of Bi(III): Thermally induced changes in optical properties. <i>Journal of Molecular Structure</i> , 2016 , 1112, 21-24	3.4	6
61	Mononuclear bromotellurates (IV) with pyridinium-type cations: Structures and thermal stability. <i>Polyhedron</i> , 2018 , 151, 498-502	2.7	6

60	Supramolecular Systems Based on Ca ²⁺ , [Mo ₃ O ₂ S ₂ Cl ₆ (H ₂ O) ₃] ₂ ^{s-} , [Mo ₃ S ₄ Cl _{6.75} Br _{0.25} (H ₂ O) ₂] ₃ ^{s-} and Cucurbit[6]uril. <i>Journal of Structural Chemistry</i> , 2010 , 51, 731-736	0.9	6
59	Polybromides of pyridinium and quinolinium-type cations: Cation-induced structural diversity and theoretical analysis of Br ^{δ-} Br interactions. <i>Journal of Molecular Structure</i> , 2019 , 1179, 725-731	3.4	6
58	Cu(II) 2-iodobenzoates: precursor-dependent formation of paddlewheel-like [Cu ₂ (OOCR) ₄ L ₂] or [Cu ₂ L ₄ (OOCR) ₂ Cl ₂] binuclear complexes. <i>Inorganica Chimica Acta</i> , 2021 , 524, 120436	2.7	6
57	Bi(III) immobilization inside MIL-101: enhanced photocatalytic performance. <i>New Journal of Chemistry</i> , 2017 , 41, 2255-2260	3.6	4
56	Halogen bonding-assisted formation of one-dimensional polybromide-bromotellurate (2-ClPyH) ₂ [[TeBr ₆](Br ₂)]. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 1890-1898	1.6	4
55	Mononuclear Sb(V) Bromide Complexes with 3-Halopyridinium Cations: Synthesis, Structures, and Thermal Stability. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 128-132 ^{1,6}	1.6	4
54	A double complex Cd(II) salt containing the Keggin polyoxoanion and the supramolecular cation of the [amide ^{δ-} amide] ⁺ type. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015 , 41, 633-637	1.6	4
53	Supramolecular Bromoantimonate(V) Polybromide (2,6-BrPyH) ₃ [SbBr ₆]{(Br ₂)Br} · 2H ₂ O: Specific Features of Halogen ^{δ-} Halogen Contacts in the Crystal Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 302-307	1.6	4
52	Crystal Structure of the Heteroligand Complex [(2-Br-5-MePy) ₂ CoCl ₂] · [(2-Br-5-MePy)]: Formation of Supramolecular Associates due to the Halogen Bond. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 37-41	1.6	4
51	A novel polybromide complex of bismuth [(Et ₄ N) ₃ [[Bi ₂ Br ₉](Br ₂)]: synthesis and structural features. <i>Mendeleev Communications</i> , 2018 , 28, 39-40	1.9	4
50	Five new Sb(V) bromide complexes and their polybromide derivatives with pyridinium-type cations: Structures, thermal stability and features of halogen ^{δ-} halogen contacts in solid state. <i>Inorganica Chimica Acta</i> , 2020 , 502, 119278	2.7	4
49	Heteroleptic Cu(I) halide complexes with perchlorinated 1,10-phenanthroline. <i>Journal of Molecular Structure</i> , 2021 , 1234, 130199	3.4	4
48	Different behavior of Bi ³⁺ to [XW ₁₂ O ₄₀][X = P, Si; n = 3, 4]. <i>Polyhedron</i> , 2018 , 141, 393-397	2.7	4
47	New structural type in polybromide-bromometalate hybrids: (Me ₃ NH) ₃ [[Bi ₂ Br ₉](Br ₂)] [Crystal structure and theoretical studies of non-covalent Br ^{δ-} Br interactions. <i>Inorganic Chemistry Communication</i> , 2018 , 98, 169-173	3.1	4
46	Heteroleptic Binuclear Iodoacetate Copper(II) Complexes with 3-Bromopyridine and 4-Ethylpyridine: Crystal Structures and Peculiarities of Contacts Halogen ^{δ-} Halogen. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 119-124	1.6	3
45	Halogen ^{δ-} halogen contacts in triiodide salts of pyridinium-derived cations: Theoretical and spectroscopic studies. <i>Journal of Molecular Structure</i> , 2020 , 1209, 127949	3.4	3
44	Ligand substitution in the cluster complex [Mo ₃ S ₇ Cl ₆] ₂ · Synthesis and crystal structure of (Et ₄ N)[Mo ₃ S ₇ Cl ₅ (CH ₃ CN)]. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010 , 36, 871-875	1.6	3
43	Heteroligand Cu(II) Complexes with 2-Halogenopyridines: Crystal Structure and Features of Halogen ^{δ-} Halogen Contacts in the Solid State. <i>Journal of Structural Chemistry</i> , 2020 , 61, 712-718	0.9	3

42	Substituent-dependent reactivity of triarylantimony(III) toward I ₂ : isolation of [Ar ₃ SbI] ⁺ salt. <i>New Journal of Chemistry</i> , 2020 , 44, 14339-14342	3.6	3
41	Oxo-chloroselenate(IV) with Incorporated {Cl}: The Case of Strong Cl...Cl Halogen Bonding. <i>Chemistry - A European Journal</i> , 2021 , 27, 9292-9294	4.8	3
40	Heteroleptic Zn(II) 3,5-diiodosalicylates: Structures, luminescence and features of non-covalent interactions in solid state. <i>Polyhedron</i> , 2021 , 194, 114895	2.7	3
39	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> , 2018 , 44, 772-778	1.6	3
38	Mono- and binuclear Cu (II) 3,5-diiodosalicylates: Structures and features of non-covalent interactions in crystalline state. <i>Journal of Molecular Structure</i> , 2021 , 1244, 130942	3.4	3
37	Lability of lone electron pairs at Bi(III) and polymorphism of TBA ₄ [Mo ₈ O ₂₆ (Bi ₃) ₂]: Theoretical study. <i>Inorganica Chimica Acta</i> , 2016 , 443, 1-6	2.7	2
36	Crystal Structures of Bromobismuthate Complexes ((3-MePy) ₂ C ₂) ₄ [Bi ₂ Br ₁₁][BiBr ₆] and (3-MePy) ₂ C ₂ [Bi ₂ Br ₁₁](Br ₃). <i>Journal of Structural Chemistry</i> , 2019 , 60, 1655-1659	0.9	2
35	Synthesis and crystal structure of [Mo ₃ S ₄ (Dppen) ₃ Cl ₃]PF ₆ · 1.5CH ₂ Cl ₂ and [W ₃ S ₄ (Dppe) ₃ Br ₃]2ZnBr ₄ · 5.5CH ₃ CN. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010 , 36, 637-643	1.6	2
34	Cu(II) pentaiodobenzoate complexes: Super heavy carboxylates featuring strong halogen bonding. <i>Polyhedron</i> , 2022 , 214, 115644	2.7	2
33	Hybrid chlorobismuthate(III) wrapping 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> , 2020 , 513, 119932	2.7	2
32	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> , 2020 , 109, 106441	3.4	2
31	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> , 2021 , 1230, 129931	3.4	2
30	Homo- and heterometallic iodobismuthates(III) with 1,3,5-trimethylpyridinium cation: Preparation and features of optical behavior. <i>Polyhedron</i> , 2022 , 216, 115720	2.7	2
29	Zn-containing double complex salts formed by Keggin type polyoxotungstates: Synthesis and crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 368-372	1.6	1
28	Iodinated vs non-iodinated: Comparison of sorption selectivity by [Zn ₂ (bdc) ₂ dabco] _n and superstructural 2-iodoterephthalate-based metal-organic framework. <i>Polyhedron</i> , 2021 , 212, 115587	2.7	1
27	Thermodynamic study of bromine evaporation from solid Bi(III) polybromides. <i>Journal of Chemical Thermodynamics</i> , 2020 , 141, 105958	2.9	1
26	Heteroleptic copper(II) complexes with 2-bromo-5-methylpyridine: Structures, features of non-covalent interactions and magnetic behavior. <i>Inorganica Chimica Acta</i> , 2020 , 502, 119333	2.7	1
25	Tellurium complex polyhalides: narrow bandgap photoactive materials for electronic applications. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 21988-21992	1.3	1

24	The stabilization of decabromide $\{Br_{10}\}^{2-}$ anion in the structure of Sb(V) bromide complex. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 3038-3043	1.6	1
23	Zn(II) Heteroleptic Halide Complexes with 2-Halopyridines: Features of Halogen Bonding in Solid State. <i>Molecules</i> , 2021 , 26,	4.8	1
22	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> , 2019 , 60, 1799-1803	0.9	1
21	Bromide complexes of bismuth with 4-bromobenzyl-substituted cations of pyridinium family. <i>Journal of Molecular Structure</i> , 2020 , 1199, 126955	3.4	1
20	One-Dimensional Supramolecular Hybrid Iodobismuthate $(1-EtPy)_3\{[Bi_2I_9](I_2)_{0.75}\}$: Structural Features and Theoretical Studies of π - π Non-Covalent Interactions. <i>Journal of Cluster Science</i> , 2021 , 32, 787-791	3	1
19	Mononuclear Molybdenum Oxohalide Complexes $(Bu_4N)[MoOCl_4(H_2O)]$ and $(Bu_4N)[MoOBr_4(H_2O)]$: Synthesis and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 673-677	1.6	1
18	Dichlorine-containing chlorobismuthate(III) supramolecular hybrid: structure and experimental studies of stability. <i>CrystEngComm</i> ,	3.3	1
17	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> , 2018 , 8, 1870026	21.8	0
16	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> , 2022 , 1255, 132459	3.4	0
15	CRYSTAL STRUCTURES OF POLYNUCLEAR ANTIMONY BROMIDE COMPLEXES $(Et(n-Pr)_3N)_3[Sb_3Br_{12}]$ AND $(2,2'$ -bipyH) $_4[Sb_4Br_{20}]$. <i>Journal of Structural Chemistry</i> , 2020 , 61, 1794-1799	0.9	0
14	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> , 2021 , 66, 814-819	1.5	0
13	Bi- and Tetranuclear Antimony(III) Bromide Complexes with Alkanediyl-bis(3-methylpyridinium) Cations. <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 827-833	1.5	0
12	Bromoantimonates with bis(pyridinium)-type dications obtained via oxidation by dibromine: Diverse structural types and features of interactions pattern. <i>Polyhedron</i> , 2021 , 202, 115217	2.7	0
11	CRYSTAL STRUCTURES OF MIXED-LIGAND BINUCLEAR Zn(II) 2-iodobenzoate complexes with 4-ethyl- and 3-chloropyridine. <i>Journal of Structural Chemistry</i> , 2021 , 62, 1251-1256	0.9	0
10	CRYSTAL STRUCTURES OF BINUCLEAR CHLOROBISMUTHATE COMPLEXES WITH 3-METHYLPYRIDINIUM AND 4-iodopyridinium cations. <i>Journal of Structural Chemistry</i> , 2021 , 62, 1257-1262	0.9	0
9	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> , 2021 , 47, 620-625	1.6	0
8	Halogen-rich halorhenates(IV): $(Me_4N)_2\{[ReX_6](X_2)\}$ (X = Cl, Br). <i>Polyhedron</i> , 2022 , 221, 115876	2.7	0
7	Bromine-rich tin(IV) halide complexes: Experimental and theoretical examination of $Br \cdots Br$ noncovalent interactions in crystalline state. <i>Polyhedron</i> , 2022 , 222, 115912	2.7	0

- 6 Crystal structure of Ir(III) complexes with 1,10-phenanthroline: $K[Ir(phen)Cl_4] \cdot H_2O$ and $(Me_4N)[Ir(phen)Cl_4]$. *Journal of Structural Chemistry*, **2014**, 55, 509-514 0.9
- 5 Synthesis and crystal structure of $[W_3S_4(Acac)_3(PPh_3)_3]PF_6 \cdot 0.5CHCl_3$ and $[W_3S_4(Hfac)_3(PPh_3)_2Br] \cdot 2CHCl_3$. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2010**, 36, 734-738 1.6
- 4 CRYSTAL STRUCTURES OF POLYBROMIDE SALTS OF BIS(PYRIDYL)ALKANE DICATIONS. *Journal of Structural Chemistry*, **2021**, 62, 1038-1042 0.9
- 3 CRYSTAL STRUCTURES OF $CoCl_2 \cdot 6H_2O$ REACTION PRODUCTS WITH 2-METHYLPYRIDINE AND 2,6-DIMETHYLPYRIDINE. *Journal of Structural Chemistry*, **2021**, 62, 90-94 0.9
- 2 2-METHYLPYRIDINIUM SALT OF PENTAIODOBENZOIC ACID: ROLE OF THE HALOGEN BOND IN THE FORMATION OF A CRYSTAL PACKING. *Journal of Structural Chemistry*, **2021**, 62, 1237-1242 0.9
- 1 Stoichiometry-dependent oxidation of tris(2-methoxyphenyl)antimony with diiodine. *Mendeleev Communications*, **2022**, 32, 109-110 1.9