

Irina Egorova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1820615/publications.pdf>

Version: 2024-02-01

79
papers

423
citations

1051969

10
h-index

1113639

15
g-index

80
all docs

80
docs citations

80
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudobinuclear, [Bi(S2CNiPr2)3]2, and Pseudopolymeric, [Bi(S2CNiPr2)2][Bi(S2CNiPr2)Cl3], Bismuth(III) Complexes: Synthesis, Supramolecular Self-Assembly (the Role of Secondary Biâ€¦â€¦S, Biâ€¦â€¦Cl, and Sâ€¦â€¦Cl) Tj ETQ		
2	Dielectric properties of ferroelectric diisopropylammonium iodide embedded in porous glass. Ferroelectrics, 2021, 575, 56-63.	0.3	0
3	Synthesis and Structure of Antimony Complex Compounds [(4-N,N-Me2C6H4)3MeSb]I and [(4-N,N-Me2C6H4)3MeSb]2[Hg2I6]Âˆ2DMSO. Russian Journal of General Chemistry, 2021, 91, 1361-1367.	0.3	1
4	NMR Studies of a Nanocomposite Based on Molecular Ferroelectric Diisopropylammonium Bromide. Applied Magnetic Resonance, 2020, 51, 129-134.	0.6	3
5	Synthesis and structure of a new complex of mercury(II) with an organoantimony ligand â€“ tris(2,6-dimethoxyphenyl)stibane. Journal of Organometallic Chemistry, 2020, 907, 121077.	0.8	2
6	Structural Evolution of Diisopropylammonium Chloride (DIPAC) Molecular Ferroelectric. Physics of the Solid State, 2020, 62, 1195-1198.	0.2	1
7	Synthesis and structure of bis(tetraphenylantimony) malonate. Russian Chemical Bulletin, 2020, 69, 1279-1283.	0.4	1
8	Effect of Nanoconfinement on the Kinetics of Phase Transitions in Organic Ferroelectric DIPAL. Physics of the Solid State, 2020, 62, 1199-1203.	0.2	1
9	Phase transitions in bulk and confined organic ferroelectric DIPAL. Results in Physics, 2020, 17, 103069.	2.0	5
10	Dielectric Properties of C6H16NBr/Al2O3 Ferroelectric Nanocomposites. Bulletin of the Russian Academy of Sciences: Physics, 2020, 84, 1569-1572.	0.1	0
11	Dielectric properties of an organic ferroelectric of bromide diisopropylammonium embedded into the pores of nanosized Al2O3 films. Journal of Physics Condensed Matter, 2019, 31, 485704.	0.7	4
12	Linear and nonlinear dielectric properties of nanocomposites based on the organic ferroelectric of diisopropylammonium bromide. Phase Transitions, 2019, 92, 899-906.	0.6	0
13	Principles of the Construction of Polymer Structures, Heteronuclear (13C, 15N) CP-MAS NMR, and Thermal Behavior of Heteroleptic Bismuth(III) Complexes of the General Composition [Bi(S2CNR2)2X] (X) Tj ETQq 10130.784384 rgBT		
14	Antimony Complexes $\{m\}_{[2,6 - \{ \{ \{ OMe \} \}_2 \{ \{ C \} \}_6 \{ \{ H \} \}_3]_3 \{ \{ SbC \} \{ \{ H \} \}_2 \{ \{ C \} \{ \{ O \} \} \{ \{ OEt \} \} \{ m \} \}_2^+ + \{ \{ \{ H \} \} \{ \{ g \} \}_2 \{ \{ \{ I \} \}_6]^{2-} \}}$ and $\{m\}_{[2,6 - \{ \{ \{ OMe \} \}_2 \{ \{ C \} \}_6 \{ \{ H \} \}_3]_3 \{ \{ SbME \} \{ m \} \}_2^+ + \{ \{ \{ H \} \} \{ \{ g \} \} \{ \{ I \} \}_4]^{2-} \cdot m \{ DMSO \}}$: Synthesis and Structure. Russian Journal of Inorganic Chemistry, 2019, 64, 28-35.	0.3	4
15	Size Effect in Nanocomposites Based on Molecular Ferroelectric Diisopropylammonium Bromide. Physics of the Solid State, 2019, 61, 134-138.	0.2	10
16	Dielectric properties of ferroelectric diisopropylammonium iodide. Phase Transitions, 2019, 92, 406-410.	0.6	5
17	¹³ C NMR of DIPAC and DIPAB organic ferroelectrics. Journal of Physics Condensed Matter, 2019, 31, 505404.	0.7	0
18	Impact of nanoconfinement on the diisopropylammonium chloride (C ₆ H ₁₆ ClN) organic ferroelectric. Phase Transitions, 2018, 91, 293-300.	0.6	17

#	ARTICLE	IF	CITATIONS
19	Chemisorption Synthesis of the Ion-Polymeric Heteronuclear Gold(III)–Bismuth(III) Complex ([Au{S2CN(C3H7)2}2]3[Bi2Cl9])n Based on [Bi2{S2CN(C3H7)2}6]: 13C MAS NMR, Supramolecular Structure, and Thermal Behavior. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 518-531.	0.3	10
20	Tris(2,6-dimethoxyphenyl)antimony Diazide: Synthesis and Structure. Russian Journal of Inorganic Chemistry, 2018, 63, 781-785.	0.3	3
21	Tri-p-Tolylbismuth Diperchlorate and 1/4-Oxo-bis[(perchlorato)tri-p-tolylbismuth]: Synthesis and Structure. Russian Journal of Inorganic Chemistry, 2018, 63, 861-866.	0.3	6
22	Novel organoantimony compounds [2,6-(OMe)2C6H3]3SbO and [2,6-(OMe)2C6H3]3Sb(NCO)2·0.5(CH3)2CO. Synthesis and structure. Russian Journal of General Chemistry, 2016, 86, 2484-2491.	0.3	6
23	Synthesis and structure of phenylbismuth bis(4-nitrophenyl)acetate and diphenylbismuth 2-nitrobenzoate. Russian Journal of General Chemistry, 2015, 85, 1692-1697.	0.3	3
24	Synthesis and structure of 1/4-oxobis[(isocyanato)triphenylantimony] (1,4)-dioxane solvate. Russian Journal of General Chemistry, 2015, 85, 1786-1788.	0.3	2
25	Structure of crystalline bismuth(III) N,N-dipropyldithiocarbamate [Bi{S2CN(C3H7)2}3] according to 13C and 15N MAS NMR and X-ray diffraction analysis: Supramolecular self-organization and conformational isomerism. Doklady Physical Chemistry, 2014, 454, 16-20.	0.2	9
26	Synthesis and structure of tetraphenylantimony cyanamide. Russian Journal of General Chemistry, 2014, 84, 1371-1373.	0.3	5
27	Preparation and structure of tri-p-tolylbismuth dibromide. Russian Journal of General Chemistry, 2014, 84, 1374-1377.	0.3	3
28	Synthesis and Structure of the bismuth complex [Ph3PrP] 4 + [Bi4I16]4·. Russian Journal of Inorganic Chemistry, 2010, 55, 1103-1106.	0.3	12
29	Bismuth compounds [Ph3BuP]+I·, [Ph3BuP] 2 + [Bi2I8 · 2Me2C=O]2·, and [Ph3BuP] 2 + [Bi2I8 · 2Me2S=O]2·: Syntheses and crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 186-190.	0.3	14
30	Synthesis and structure of bismuth complexes [Ph3(n-Pr)P] 2 + [Bi2I8 · 2Me2S=O]2·, [Ph3(iso-Bu)P] 2 + [Bi2I8 · 2Me2S=O]2·, [Ph3(n-Bu)P] 2 + [Bi2I8 · 2Me2S=O] 2·, and [Ph3(n-Am)P] 2 + [Bi2I8 · 2Me2S=O]2·. Russian Journal of Inorganic Chemistry, 2009, 54, 239-247.	0.3	6
31	Synthesis and structure of triphenylbismuth bis(2-phenylaminobenzoate). Russian Journal of Inorganic Chemistry, 2009, 54, 1095-1098.	0.3	9
32	Synthesis and structure of bismuth complexes [Ph3MeP] 2 + [BiI3.5Br1.5(C5H5N)]2· · C5H5N, [Ph4Bi] 4 + [Bi4I16]4· · 2Me2C=O, and [Ph3(iso-Am)P] 4 + [Bi8I28]4· · 2Me2C=O. Russian Journal of Inorganic Chemistry, 2009, 54, 1768-1778.	0.3	36
33	Tetraphenylbismuth aroxides: Synthesis and structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 85-92.	0.3	5
34	New crystalline modification of 1/4-oxo-bis(bromotriphenylantimony). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 175-178.	0.3	1
35	Syntheses and structures of tetraphenylantimony 1/3-phenyl- and 1/3-thiobutylacetylacetonates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 259-263.	0.3	4
36	Synthesis and structure of bismuth-containing complexes [Ph3PMe] 2 + [BiI5]2· and [Ph3PMe] 2 + [BiI5 · C5H5N]2· · C5H5N. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 461-465.	0.3	16

#	ARTICLE	IF	CITATIONS
37	Reactions of bismuth iodide with ammonium, phosphonium, and bismuthonium salts. Russian Journal of General Chemistry, 2008, 78, 1320-1325.	0.3	4
38	Synthesis of bismuth complexes from bismuth iodide and ammonium and phosphonium salts. Russian Journal of General Chemistry, 2008, 78, 1326-1329.	0.3	6
39	Tris(1-adamantanecarboxylato)bismuth(III): Synthesis and structure. Russian Journal of Inorganic Chemistry, 2008, 53, 1733-1736.	0.3	2
40	Synthesis and structures of triphenylbismuth diaroxides Ph ₃ Bi(OAr) ₂ , Ar = C ₆ H ₃ (Br _{2-2,4}), C ₆ H ₂ (Br _{2-2,6})(NO ₂₋₄), and C ₆ H ₂ [(NO ₂) _{3-2,4,6}]. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 12-19.	0.3	5
41	Synthesis and structures of mercury and cadmium complexes: [Ph ₄ Sb] ²⁺ + [Hg ₂ I ₆] ²⁻ · Ph ₂ Hg, [Ph ₄ Sb] ²⁺ + [E ₂ I ₆] ²⁻ (E = Hg, Cd), and [Ph ₄ Sb] ²⁺ + [Hg ₄ I ₁₀] ²⁻ . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 96-103.	0.3	2
42	Synthesis and structures of antimony solvate complexes of general formula [Ar ₃ Sb(NO ₃) ₂ O] · Solv. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 104-110.	0.3	1
43	Synthesis and structures of organoantimony and organobismuth derivatives of 4-sulfophenol and 2,4-disulfophenol. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 168-175.	0.3	12
44	Synthesis and structure of phenylbismuth bis(chloroacetate). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 321-324.	0.3	8
45	Structures of triphenylbismuth dicarboxylates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 644-651.	0.3	9
46	Synthesis of new bismuth complexes [Ph ₃ MeP] ₆ [BiI ₃ Br ₃] [Bi ₂ I ₆ Br ₃] H ₂ O ₂ and [Ph ₃ MeP] ₆ [BiI ₃ Br ₃] [Bi ₂ I ₆ Br ₃]. Russian Journal of General Chemistry, 2006, 76, 1337-1337.	0.3	3
47	Tetranuclear bismuth complexes Bi ₄ (O) ₂ (O ₂ CC ₆ H ₂ F _{3-3,4,5}) ₈ · 1/2 2C ₆ H ₆ and Bi ₄ (O) ₂ (O ₂ CC ₆ H ₂ F _{3-3,4,5}) ₈ · 1/2 2C ₆ H ₄ Me _{2-1,4} . Synthesis and structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 2-8.	0.3	10
48	Synthesis and Structure of Phosphorus-Containing Complexes [Ph ₄ P] ²⁺ + [Hg ₄ I ₁₀] ²⁻ and [Ph ₄ P] ²⁺ + [BiI ₅ (Me ₂ S=O)] ²⁻ . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 752-756.	0.3	15
49	New Synthesis of Triphenylbismuth Diaroxides. Russian Journal of General Chemistry, 2005, 75, 873-875.	0.3	5
50	Triphenylbismuth Bis(2,4,6-Tribromophenoxide): Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 23-26.	0.3	2
51	Synthesis and Structure of Bismuth Tris(3-Methylbenzoate) [Bi(O ₂ CC ₆ H ₄ CH ₃₋₃) ₃] and Phenylbismuth Bis(3,4,5-Trifluorobenzoate) [PhBi(1/4-O ₂ CC ₆ H ₂ F _{3-3,4,5})(O ₂ CC ₆ H ₂ F _{3-3,4,5}) ₂]. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 309-313.	0.3	15
52	New Method of Synthesis of Tetraphenylbismuth Aroxides. Russian Journal of General Chemistry, 2004, 74, 310.	0.3	1
53	Synthesis and structure of bismuth-containing complexes [(Ph ₄ BiO) ₂ {2,5-(CH ₃) ₂ C ₆ H ₃ S(O)}]		

#	ARTICLE	IF	CITATIONS
55	Synthesis, structure and reactions of $\frac{1}{4}$ -oxobis(arenesulfonatotriaryl)bismuth). Russian Journal of General Chemistry, 2004, 74, 1359-1364.	0.3	7
56	Adduct of Triphenylphosphine Oxide and Sulfuric Acid: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 297-299.	0.3	1
57	Tetraphenylbismuth 2,4-Dimethylbenzenesulfonate: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 317-321.	0.3	5
58	Tetra-p-Tolylantimony 4-Methylbenzenesulfonate: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 312-316.	0.3	3
59	Title is missing!. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 468-473.	0.3	7
60	Title is missing!. Russian Journal of General Chemistry, 2003, 73, 202-203.	0.3	2
61	Synthesis and Structure of Triphenylbismuth Bis(Fluorobenzoates). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 462-467.	0.3	5
62	Synthesis and Structure of Tetraphenylstibonium and Tetraphenylphosponium Hydrogen Sulfates. Russian Journal of General Chemistry, 2003, 73, 536-540.	0.3	2
63	Tetranuclear Bismuth Complex $\text{Bi}_4(\text{O})_2(\text{O}_2\text{CC}_6\text{H}_2\text{F}_3-3,4,5)_8 \cdot 2\text{C}_6\text{H}_5\text{Me}$: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 838-844.	0.3	10
64	$\frac{1}{4}$ -Oxo-Bis[(arenesulfonato)triphenylantimony]: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 83-88.	0.3	4
65	Synthesis and Structure of Triphenylbismuth Dinitrite and Dinitrate. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 151-156.	0.3	4
66	Synthesis and Structure of Triphenylbismuth Difluoride. Russian Journal of General Chemistry, 2002, 72, 44-45.	0.3	6
67	Insertion of SO_3 into the Bi-C Bond in Pentaphenylbismuth. Russian Journal of General Chemistry, 2002, 72, 153-153.	0.3	0
68	Title is missing!. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 613-617.	0.3	16
69	Synthesis and Structure of Tetraphenylantimony 2-Furoinate and Benzoate. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 753-757.	0.3	2
70	Reaction of Tetraphenylbismuth 2,5-Dimethylbenzenesulfonate with Bismuth Triiodide. Russian Journal of General Chemistry, 2002, 72, 1487-1487.	0.3	0
71	Synthesis and Structure of Tetraphenylantimony Nitrite. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 827-830.	0.3	1
72	Arylation of Aryl- and Diarylbismuth Arenesulfonates with Pentaarylantimony. Russian Journal of General Chemistry, 2002, 72, 1925-1926.	0.3	2

#	ARTICLE	IF	CITATIONS
73	New Method for Preparing Tetraphenylbismuth Arenesulfonate. Russian Journal of General Chemistry, 2002, 72, 1952-1952.	0.3	2
74	New Route to Tetraarylarсенic Halides. Russian Journal of General Chemistry, 2001, 71, 814-814.	0.3	0
75	Reaction of Triphenylbismuth Bis(arenesulfonates) with Triphenylstibine. Russian Journal of General Chemistry, 2001, 71, 79-82.	0.3	5
76	Reactions of Triarylбismuth Bis(arenesulfonates). Russian Journal of General Chemistry, 2001, 71, 1236-1237.	0.3	3
77	New Synthesis of Tetraphenylphosphonium Halides. Russian Journal of Organic Chemistry, 2001, 37, 1794-1794.	0.3	2
78	Synthesis and structure of tetra- and triphenylbismuth arenesulfonates. Russian Chemical Bulletin, 1999, 48, 2325-2329.	0.4	5
79	Dielectric Properties of Diisopropylammonium Chloride Embedded Into Porous Glass. Russian Physics Journal, 0, , 1.	0.2	0