

# Irina Egorova

## List of Publications by Year in descending order

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79  
papers

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#	ARTICLE	IF	CITATIONS
1	Synthesis and structure of bismuth complexes $[\text{Ph}_3\text{MeP}]_2 + [\text{Bi}_{13.5}\text{Br}_{1.5}(\text{C}_5\text{H}_5\text{N})]_2 \cdot \hat{\text{A}} \cdot \text{C}_5\text{H}_5\text{N}$ , $[\text{Ph}_4\text{Bi}]_4 + [\text{Bi}_{41}16]_4 \cdot \hat{\text{A}} \cdot 2\text{Me}_2\text{C}=\text{O}$ , and $[\text{Ph}_3(\text{iso-Am})\text{P}]_4 + [\text{Bi}_{81}28]_4 \cdot \hat{\text{A}} \cdot 2\text{Me}_2\text{C}=\text{O}$ . Russian Journal of Inorganic Chemistry, 2009, 54, 1768-1778.	1.3	36
2	Impact of nanoconfinement on the diisopropylammonium chloride ( $\text{C}_{16}\text{H}_{16}\text{ClN}$ ) organic ferroelectric. Phase Transitions, 2018, 91, 293-300.	1.3	17
3	Title is missing!. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 613-617.	1.0	16
4	Synthesis and structure of bismuth-containing complexes $[\text{Ph}_3\text{PMe}]_2 + [\text{Bi}_5]_2 \cdot \hat{\text{A}} \cdot \text{C}_5\text{H}_5\text{N}$ and $[\text{Ph}_3\text{PMe}]_2 + [\text{Bi}_5 \cdot \hat{\text{A}} \cdot \text{C}_5\text{H}_5\text{N}]_2 \cdot \hat{\text{A}} \cdot \text{C}_5\text{H}_5\text{N}$ . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 461-465.	1.0	16
5	Synthesis and Structure of Bismuth Tris(3-Methylbenzoate) $[\text{Bi}(\text{O}_2\text{CC}_6\text{H}_4\text{CH}_3)_3] \cdot \hat{\text{A}}$ and Phenylbismuth Bis(3,4,5-Trifluorobenzoate) $[\text{PhBi}(\frac{1}{4}\text{-O}_2\text{CC}_6\text{H}_2\text{F}_3\text{-3,4,5})(\text{O}_2\text{CC}_6\text{H}_2\text{F}_3\text{-3,4,5})_2]$ . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 309-313.	1.0	15
6	Synthesis and Structure of Phosphorus-Containing Complexes $[\text{Ph}_4\text{P}]_2 + [\text{Hg}_4110]_2 \cdot \hat{\text{A}}$ and $[\text{Ph}_4\text{P}]_2 + [\text{Bi}_5(\text{Me}_2\text{S}=\text{O})]_2 \cdot \hat{\text{A}}$ . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 752-756.	1.0	15
7	Bismuth compounds $[\text{Ph}_3\text{BuP}]_2 \cdot \hat{\text{A}}$ , $[\text{Ph}_3\text{BuP}]_2 + [\text{Bi}_{18} \cdot \hat{\text{A}} \cdot 2\text{Me}_2\text{C}=\text{O}]_2 \cdot \hat{\text{A}}$ , and $[\text{Ph}_3\text{BuP}]_2 + [\text{Bi}_{18} \cdot \hat{\text{A}} \cdot 2\text{Me}_2\text{S}=\text{O}]_2 \cdot \hat{\text{A}}$ : Syntheses and crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 186-190.	1.0	14
8	Synthesis and structure of bismuth-containing complexes $[(\text{Ph}_4\text{BiO})_2\{2,5\text{-(CH}_3)_2\text{C}_6\text{H}_3\text{S(O)}\}]$		

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19	Principles of the Construction of Polymer Structures, Heteronuclear ( $^{13}\text{C}$ , $^{15}\text{N}$ ) CP-MAS NMR, and Thermal Behavior of Heteroleptic Bismuth(III) Complexes of the General Composition $[\text{Bi}(\text{S}2\text{CNR}2)2\text{X}] (\text{X})$ Tj ETQq11b0.784384 rgBT		
20	Title is missing!. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 468-473.	1.0	7
21	Synthesis, structure and reactions of $\frac{1}{4}$ -oxobis(arenesulfonatotriaryl)bismuth). Russian Journal of General Chemistry, 2004, 74, 1359-1364.	0.8	7
22	Synthesis and Structure of Triphenylbismuth Difluoride. Russian Journal of General Chemistry, 2002, 72, 44-45.	0.8	6
23	Synthesis of bismuth complexes from bismuth iodide and ammonium and phosphonium salts. Russian Journal of General Chemistry, 2008, 78, 1326-1329.	0.8	6
24	Synthesis and structure of bismuth complexes $[\text{Ph}_3(\text{n-Pr})\text{P}]_2 + [\text{Bi}2\text{I}_8 \cdot 2\text{Me}_2\text{S}=\text{O}]2\hat{\alpha}^{\sim}$ , $[\text{Ph}_3(\text{iso-Bu})\text{P}]_2 + [\text{Bi}2\text{I}_8 \cdot 2\text{Me}_2\text{S}=\text{O}]2\hat{\alpha}^{\sim}$ , $[\text{Ph}_3(\text{n-Bu})\text{P}]_2 + [\text{Bi}2\text{I}_8 \cdot 2\text{Me}_2\text{S}=\text{O}] 2\hat{\alpha}^{\sim}$ , and $[\text{Ph}_3(\text{n-Am})\text{P}]_2 + [\text{Bi}2\text{I}_8 \cdot 2\text{Me}_2\text{S}=\text{O}]2\hat{\alpha}^{\sim}1.3$ Russian Journal of Inorganic Chemistry, 2009, 54, 239-247.		6
25	Novel organoantimony compounds $[2,6\text{-(OMe)}_2\text{C}_6\text{H}_3]_3\text{SbO}$ and $[2,6\text{-(OMe)}_2\text{C}_6\text{H}_3]_3\text{Sb(NCO)}_2\hat{\text{A}}\cdot 0.5(\text{CH}_3)_2\text{CO}$ . Synthesis and structure. Russian Journal of General Chemistry, 2016, 86, 2484-2491.	0.8	6
26	Tri-p-Tolylbismuth Diperchlorate and $\frac{1}{4}$ -Oxo-bis[(perchlorato)tri-p-tolylbismuth]: Synthesis and Structure. Russian Journal of Inorganic Chemistry, 2018, 63, 861-866.	1.3	6
27	Synthesis and structure of tetra- and triphenylbismuth arenesulfonates. Russian Chemical Bulletin, 1999, 48, 2325-2329.	1.5	5
28	Reaction of Triphenylbismuth Bis(arenesulfonates) with Triphenylstibine. Russian Journal of General Chemistry, 2001, 71, 79-82.	0.8	5
29	Tetraphenylbismuth 2,4-Dimethylbenzenesulfonate: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 317-321.	1.0	5
30	Synthesis and Structure of Triphenylbismuth Bis(Fluorobenzoates). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 462-467.	1.0	5
31	New Synthesis of Triphenylbismuth Dioxides. Russian Journal of General Chemistry, 2005, 75, 873-875.	0.8	5
32	Synthesis and structures of triphenylbismuth dioxides $\text{Ph}_3\text{Bi(OAr)}_2$ , $\text{Ar} = \text{C}_6\text{H}_3(\text{Br}_{2-2,4})$ , $\text{C}_6\text{H}_2(\text{Br}_{2-2,6})(\text{NO}_2\text{-}4)$ , and $\text{C}_6\text{H}_2[(\text{NO}_2)_{3-2,4,6}]$ . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 12-19.	1.0	5
33	Tetraphenylbismuth aroxides: Synthesis and structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 85-92.	1.0	5
34	Synthesis and structure of tetraphenylantimony cyanamide. Russian Journal of General Chemistry, 2014, 84, 1371-1373.	0.8	5
35	Dielectric properties of ferroelectric diisopropylammonium iodide. Phase Transitions, 2019, 92, 406-410.	1.3	5
36	Phase transitions in bulk and confined organic ferroelectric DIPAI. Results in Physics, 2020, 17, 103069.	4.1	5

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37	$\hat{\Gamma}^4$ -Oxo-Bis[(arenesulfonato)triphenylantimony]: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 83-88.	1.0	4
38	Synthesis and Structure of Triphenylbismuth Dinitrite and Dinitrate. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 151-156.	1.0	4
39	Syntheses and structures of tetraphenylantimony $\hat{\Gamma}^3$ -phenyl-and $\hat{\Gamma}^3$ -thiobutylacetylacetonates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 259-263.	1.0	4
40	Reactions of bismuth iodide with ammonium, phosphonium, and bismuthonium salts. Russian Journal of General Chemistry, 2008, 78, 1320-1325.	0.8	4
41	Dielectric properties of an organic ferroelectric of bromide diisopropylammonium embedded into the pores of nanosized Al <sub>2</sub> O <sub>3</sub> films. Journal of Physics Condensed Matter, 2019, 31, 485704.	1.8	4
42	Antimony Complexes $\text{[}m\text{]}_{[2,6 - \{(\text{OMe})_2\}\{C\}_6\{H\}_3\}\{SbC\}\{H\}_2\{C\}\{O\}\{OEt\}\{m\}\} _2^+ + \{[\text{H}]\{g\}_2\{l\}_6\}^{\{2-\}}\text{\$}$ and $\text{[}m\text{]}_{[2,6 - \{(\text{OMe})_2\}\{C\}_6\{H\}_3\}\{SbME\}\{m\}\} _2^+ + \{[\text{H}]\{g\}\{l\}_4\}^{\{2-\}} \cdot \text{DMSO}:\text{\$}$ : Synthesis and Structure. Russian Journal of Inorganic Chemistry, 2019, 64, 28-35.	1.3	4
43	Reactions of Triaryl bismuth Bis(arenesulfonates). Russian Journal of General Chemistry, 2001, 71, 1236-1237.	0.8	3
44	Tetra-p-Tolylantimony 4-Methylbenzenesulfonate: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 312-316.	1.0	3
45	Synthesis of new bismuth complexes $[\text{Ph}_3\text{MeP}]_6[\text{BiI}_3\text{Br}_3][\text{BiI}_6\text{Br}_3]\text{H}_2\text{O}_2$ and $[\text{Ph}_3\text{MeP}]_6[\text{BiI}_3\text{Br}_3][\text{BiI}_6\text{Br}_3]$ . Russian Journal of General Chemistry, 2006, 76, 1337-1337.	0.8	3
46	Preparation and structure of tri-p-tolylbismuth dibromide. Russian Journal of General Chemistry, 2014, 84, 1374-1377.	0.8	3
47	Synthesis and structure of phenylbismuth bis(4-nitrophenyl)acetate and diphenylbismuth 2-nitrobenzoate. Russian Journal of General Chemistry, 2015, 85, 1692-1697.	0.8	3
48	Tris(2,6-dimethoxyphenyl)antimony Diazide: Synthesis and Structure. Russian Journal of Inorganic Chemistry, 2018, 63, 781-785.	1.3	3
49	NMR Studies of a Nanocomposite Based on Molecular Ferroelectric Diisopropylammonium Bromide. Applied Magnetic Resonance, 2020, 51, 129-134.	1.2	3
50	New Synthesis of Tetraphenylphosphonium Halides. Russian Journal of Organic Chemistry, 2001, 37, 1794-1794.	0.8	2
51	Synthesis and Structure of Tetraphenylantimony 2-Furoinate and Benzoate. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 753-757.	1.0	2
52	Arylation of Aryl- and Diarylbismuth Arenesulfonates with Pentaarylantimony. Russian Journal of General Chemistry, 2002, 72, 1925-1926.	0.8	2
53	New Method for Preparing Tetraphenylbismuth Arenesulfonate. Russian Journal of General Chemistry, 2002, 72, 1952-1952.	0.8	2
54	Title is missing!. Russian Journal of General Chemistry, 2003, 73, 202-203.	0.8	2

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55	Synthesis and Structure of Tetraphenylstibonium and Tetraphenylphosphonium Hydrogen Sulfates. Russian Journal of General Chemistry, 2003, 73, 536-540.	0.8	2
56	Triphenylbismuth Bis(2,4,6-Tribromophenoxide): Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 23-26.	1.0	2
57	Synthesis and structure of 2,4,6-tribromophenoxytetraphenylbismuth. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 884-887.	1.0	2
58	Synthesis and structures of mercury and cadmium complexes: $[\text{Ph}_4\text{Sb}]_2 + [\text{Hg}_2\text{I}_6]^{2-} \cdot \text{Ph}_2\text{Hg}$ , $[\text{Ph}_4\text{Sb}]_2 + [\text{E}_2\text{I}_6]^{2-}$ (E = Hg, Cd), and $[\text{Ph}_4\text{Sb}]_2 + [\text{Hg}_4\text{I}_{10}]^{2-}$ . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 96-103.	1.0	2
59	Tris(1-adamantanecarboxylato)bismuth(III): Synthesis and structure. Russian Journal of Inorganic Chemistry, 2008, 53, 1733-1736.	1.3	2
60	Synthesis and structure of $\frac{1}{4}$ -oxobis[(isocyanato)triphenylantimony] (1,4)-dioxane solvate. Russian Journal of General Chemistry, 2015, 85, 1786-1788.	0.8	2
61	Synthesis and structure of a new complex of mercury(II) with an organoantimony ligand "tris(2,6-dimethoxyphenyl)stibane. Journal of Organometallic Chemistry, 2020, 907, 121077.	1.8	2
62	Pseudobinuclear, $[\text{Bi}(\text{S}_2\text{CNiPr}_2)_3]_2$ , and Pseudopolymeric, $[\text{Bi}(\text{S}_2\text{CNiPr}_2)_2][\text{Bi}(\text{S}_2\text{CNiPr}_2)\text{Cl}_3]$ , Bismuth(III) Complexes: Synthesis, Supramolecular Self-Assembly (the Role of Secondary Bi...S, Bi...Cl, and S...Cl) Tj ETO		
63	Synthesis and Structure of Tetraphenylantimony Nitrite. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 827-830.	1.0	1
64	Adduct of Triphenylphosphine Oxide and Sulfuric Acid: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 297-299.	1.0	1
65	New Method of Synthesis of Tetraphenylbismuth Aroxides. Russian Journal of General Chemistry, 2004, 74, 310.	0.8	1
66	Synthesis and structures of antimony solvate complexes of general formula $[\text{Ar}_3\text{Sb}(\text{NO}_3)]_2 \cdot \text{O} \cdot \text{Solv}$ . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 104-110.	1.0	1
67	New crystalline modification of $\frac{1}{4}$ -oxo-bis(bromotriphenylantimony). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 175-178.	1.0	1
68	Structural Evolution of Diisopropylammonium Chloride (DIPAC) Molecular Ferroelectric. Physics of the Solid State, 2020, 62, 1195-1198.	0.6	1
69	Synthesis and structure of bis(tetraphenylantimony) malonate. Russian Chemical Bulletin, 2020, 69, 1279-1283.	1.5	1
70	Effect of Nanoconfinement on the Kinetics of Phase Transitions in Organic Ferroelectric DIPAL. Physics of the Solid State, 2020, 62, 1199-1203.	0.6	1
71	Synthesis and Structure of Antimony Complex Compounds $[(4\text{-N,N-Me}_2\text{C}_6\text{H}_4)_3\text{MeSb}]_1$ and $[(4\text{-N,N-Me}_2\text{C}_6\text{H}_4)_3\text{MeSb}]_2[\text{Hg}_2\text{I}_6] \cdot 2\text{DMSO}$ . Russian Journal of General Chemistry, 2021, 91, 1361-1367.	0.8	1
72	New Route to Tetraarylarsonic Halides. Russian Journal of General Chemistry, 2001, 71, 814-814.	0.8	0

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73	Insertion of SO <sub>3</sub> into the Bi-C Bond in Pentaphenylbismuth. Russian Journal of General Chemistry, 2002, 72, 153-153.	0.8	0
74	Reaction of Tetraphenylbismuth 2,5-Dimethylbenzenesulfonate with Bismuth Triiodide. Russian Journal of General Chemistry, 2002, 72, 1487-1487.	0.8	0
75	Linear and nonlinear dielectric properties of nanocomposites based on the organic ferroelectric of diisopropylammonium bromide. Phase Transitions, 2019, 92, 899-906.	1.3	0
76	<sup>13</sup> C NMR of DIPAC and DIPAB organic ferroelectrics. Journal of Physics Condensed Matter, 2019, 31, 505404.	1.8	0
77	Dielectric properties of ferroelectric diisopropylammonium iodide embedded in porous glass. Ferroelectrics, 2021, 575, 56-63.	0.6	0
78	Dielectric Properties of Diisopropylammonium Chloride Embedded Into Porous Glass. Russian Physics Journal, 0, , 1.	0.4	0
79	Dielectric Properties of C <sub>6</sub> H <sub>16</sub> NBr/Al <sub>2</sub> O <sub>3</sub> Ferroelectric Nanocomposites. Bulletin of the Russian Academy of Sciences: Physics, 2020, 84, 1569-1572.	0.6	0