

# Igor D Gorokh

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

433  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogen Contactsâ€”Induced Unusual Coloring in Bi<sup>III</sup> Bromide Complex: Anionâ€”Cation Charge Transfer via Brâ€”...â€”Br Interactions. Chemistry - A European Journal, 2017, 23, 15612-15616.	3.3	68
2	Bromine-rich complexes of bismuth: experimental and theoretical studies. Dalton Transactions, 2018, 47, 2683-2689.	3.3	56
3	Bromobismuthates: Cation-induced structural diversity and Hirshfeld surface analysis of cationâ€”anion contacts. Polyhedron, 2018, 139, 282-288.	2.2	52
4	Halobismuthates with halopyridinium cations: appearance or non-appearance of unusual colouring. CrystEngComm, 2018, 20, 7766-7772.	2.6	50
5	Bi(<sup>III</sup>) polybromides: a new chapter in coordination chemistry of bismuth. Chemical Communications, 2016, 52, 5061-5063.	4.1	43
6	Binuclear and polymeric bromobismuthate complexes: Crystal structures and thermal stability. Polyhedron, 2019, 159, 318-322.	2.2	39
7	Chlorobismuthates Trapping Dibromine: Formation of Twoâ€”Dimensional Supramolecular Polyhalide Networks with Br<sub>2</sub> Linkers. European Journal of Inorganic Chemistry, 2017, 2017, 4925-4929.	2.0	36
8	Halobismuthates with bis(pyridinium)alkane cations: Correlations in crystal structures and optical properties. Inorganica Chimica Acta, 2018, 469, 32-37.	2.4	29
9	Heterogeneous bromination of alkenes using Bi(<sup>III</sup>) polybromide complexes as {Br<sub>2</sub>} source. RSC Advances, 2016, 6, 62011-62013.	3.6	22
10	Polybromide salts of tetraalkyl and N-heterocyclic cations: New entries into the structural library. Inorganica Chimica Acta, 2018, 469, 583-587.	2.4	10
11	Tetranuclear anionic bromobismuthate [Bi <sub>4</sub> Br <sub>18</sub> ] <sup>6-</sup> : New structural type in halometalate collection. Inorganic Chemistry Communication, 2019, 103, 72-74.	3.9	10
12	Polybromides of pyridinium and quinolinium-type cations: Cation-induced structural diversity and theoretical analysis of Brâ€”Br interactions. Journal of Molecular Structure, 2019, 1179, 725-731.	3.6	8
13	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> )} â€” Crystal structure and theoretical studies of non-covalent Brâ€”Br interactions. Inorganic Chemistry Communication, 2018, 98, 169-173.	3.9	5
14	A novel polybromide complex of bismuth â€” (Et <sub>4</sub> N) <sub>3</sub> {[Bi <sub>2</sub> Br <sub>9</sub> ](Br <sub>2</sub> )}: synthesis and structural features. Mendeleev Communications, 2018, 28, 39-40.	1.6	4
15	Bromide complexes of bismuth with 4-bromobenzyl-substituted cations of pyridinium family. Journal of Molecular Structure, 2020, 1199, 126955.	3.6	1