

# Sergey A Anufriev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9600628/publications.pdf>

Version: 2024-02-01

23  
papers

252  
citations

1040056

9  
h-index

940533

16  
g-index

23  
all docs

23  
docs citations

23  
times ranked

86  
citing authors

#	ARTICLE	IF	CITATIONS
1	New approaches to the functionalization of the 1-carba-closo-decaborate anion. Chemical Communications, 2022, 58, 3775-3778.	4.1	5
2	Synthesis and Crystal Structure of 9,12-Dibromo-ortho-Carborane. MolBank, 2022, 2022, M1347.	0.5	5
3	Transition metal catalyzed synthesis of derivatives of polyhedral boron hydrides with B N, B P, B O and B S bonds. Advances in Catalysis, 2022, , .	0.2	1
4	The unexpected reactivity of 9-iodo-nido-carborane: from nucleophilic substitution reactions to the synthesis of tricobalt tris(dicarbollide) $\text{Na}[\text{4,4}^{\text{-}}\text{-(MeOCH}_2\text{CH}_2\text{O)}_3\text{-3,3}^{\text{-}}\text{-Co}_3(\text{I}^{1/3}\text{-O})(\text{I}^{1/3}\text{-S})(\text{1,2-C}_2\text{B}_9\text{H}_{10})_3]$ . Dalton Transactions, 2021, 50, 2671-2688.	1.2	1
5	Synthesis of Bis(Carboranyl)amides $1,1^{\text{-}}\text{-(CH}_2\text{NH(O)C(CH}_2\text{)}_n\text{-1,2-C}_2\text{B}_{10}\text{H}_{11})_2$ ( $n = 0, 1$ ) and Attempt of Synthesis of Gadolinium Bis(Dicarbollide). Molecules, 2021, 26, 1321.	3.8	1
6	1,12-Diiodo-Ortho-Carborane: A Classic Textbook Example of the Dihalogen Bond. Crystals, 2021, 11, 396.	2.2	12
7	Crystal Structure of 9-Dibenzylsulfide-7,8-dicarba-nido-undecaborane 9-Bn2S-7,8-C2B9H11. MolBank, 2021, 2021, M1230.	0.5	1
8	Synthesis and Catalytic Properties of Novel Ruthenacarboranes Based on nido-[5-Me-7,8-C2B9H10]2 <sup>-</sup> and nido-[5,6-Me2-7,8-C2B9H9]2 <sup>-</sup> Dicarbollide Ligands. Catalysts, 2021, 11, 1409.	3.5	8
9	Synthesis of 3-Aryl-ortho-carboranes with Sensitive Functional Groups. Molecules, 2021, 26, 7297.	3.8	3
10	Isomeric ammonio derivatives of nido-carborane 3- and 10-H3N-7,8-C2B9H11. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 901-904.	1.6	8
11	Two possible ways to combine boron and gadolinium for Gd-guided BNCT. A concept. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 910-917.	1.6	5
12	One-Pot Synthesis of B-Aryl Carboranes with Sensitive Functional Groups Using Sequential Cobalt- and Palladium-Catalyzed Reactions. Catalysts, 2020, 10, 1348.	3.5	5
13	Bis(dicarbollide) Complexes of Transition Metals as a Platform for Molecular Switches. Study of Complexation of 8,8 <sup>-</sup> -Bis(methylsulfanyl) Derivatives of Cobalt and Iron Bis(dicarbollides). Molecules, 2020, 25, 5745.	3.8	9
14	The First Nickelacarborane with closo-nido Structure. Molecules, 2020, 25, 6009.	3.8	3
15	Synthesis and Structure of Methylsulfanyl Derivatives of Nickel Bis(Dicarbollide). Molecules, 2019, 24, 4449.	3.8	9
16	Synthesis and structure of bis(methylsulfanyl) derivatives of iron bis(dicarbollide). Journal of Organometallic Chemistry, 2018, 865, 239-246.	1.8	15
17	Intramolecular non-covalent interactions in <i>nido</i> -carboranes and metallacomplexes. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 104-109.	1.6	2
18	Practical synthesis of 9-methylthio-7,8-nido-carborane [9-MeS-7,8-C2B9H11]-. Some evidences of BH <sup>-</sup> ·X <sup>-</sup> hydride-halogen bonds in 9- XCH2(Me)S-7,8-C2B9H11 (X <sup>-</sup> = Cl, Br, I). Journal of Organometallic Chemistry, 2017, 849-850, 315-323.	1.8	27

#	ARTICLE	IF	CITATIONS
19	Synthesis of 10-Methylsulfide and 10-Alkylmethylsulfoniumnido-Carborane Derivatives: B-H... Interactions between the B-H-B Hydrogen Atom and Alkyne Group in 10-RC...CCH <sub>2</sub> S(Me)-7,8-C <sub>2</sub> B <sub>9</sub> H <sub>11</sub> . European Journal of Inorganic Chemistry, 2017, 2017, 4436-4443.	2.0	34
20	Methylsulfanyl...Stabilized Rotamers of Cobalt Bis(dicarbollide). European Journal of Inorganic Chemistry, 2017, 2017, 4444-4451.	2.0	29
21	Cyanide free contraction of disclosed 1,4-dioxane ring as a route to cobalt bis(dicarbollide) derivatives with short spacer between the boron cage and terminal functional group. Dalton Transactions, 2015, 44, 9860-9871.	3.3	16
22	A new approach to the synthesis of functional derivatives of nido-carborane: alkylation of [9-MeS-nido-7,8-C <sub>2</sub> B <sub>9</sub> H <sub>11</sub> ] <sup>+</sup> . Dalton Transactions, 2014, 43, 5044-5053.	3.3	25
23	On relative electronic effects of polyhedral boron hydrides. Journal of Organometallic Chemistry, 2013, 747, 254-256.	1.8	23