

Akim Shmalko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4409658/publications.pdf>

Version: 2024-02-01

17
papers

204
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of carboxylic acids based on the closo-decaborate anion. <i>Polyhedron</i> , 2011, 30, 1494-1501.	2.2	29
2	Boron-Containing Lipids and Liposomes: New Conjugates of Cholesterol with Polyhedral Boron Hydrides. <i>Chemistry - A European Journal</i> , 2020, 26, 13832-13841.	3.3	28
3	Cyclic oxonium derivatives of cobalt and iron bis(dicarbollides) and their use in organic synthesis. <i>Russian Chemical Reviews</i> , 2021, 90, 785-830.	6.5	19
4	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. <i>Dalton Transactions</i> , 2015, 44, 9860-9871.	3.3	16
5	“Click” synthesis of cobalt bis(dicarbollide)-cholesterol conjugates. <i>Mendeleev Communications</i> , 2019, 29, 628-630.	1.6	15
6	Synthesis and <i>in vitro</i> study of new highly boronated phthalocyanine. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 960-966.	0.8	14
7	Effects of Linkers on the Development of Liposomal Formulation of Cholesterol Conjugated Cobalt Bis(dicarbollides). <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1365-1373.	3.3	14
8	B-N bond formation through palladium-catalyzed, microwave-assisted cross-coupling of nitrogen compounds with iodo-dodecaborate. <i>Chemical Communications</i> , 2021, 57, 10007-10010.	4.1	14
9	Expanding the chemistry of single-ion conducting poly(ionic liquid)s with polyhedral boron anions. <i>Polymer International</i> , 2019, 68, 1570-1579.	3.1	12
10	Isomeric ammonio derivatives of nido-carborane 3- and 10-H3N-7,8-C2B9H11. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 901-904.	1.6	8
11	Stability of nickel bis(dicarbollide) complexes. <i>Mendeleev Communications</i> , 2019, 29, 534-536.	1.6	7
12	The unexpected reactivity of 9-iodo-nido-carborane: from nucleophilic substitution reactions to the synthesis of tricobalt tris(dicarbollide) $\text{Na}[4,4\text{-}(\text{MeOCH}_2\text{CH}_2\text{O})_3\text{-}3,3\text{-}(\text{CO})_3\text{-}1,2\text{-C}_2\text{B}_9\text{H}_{10}]_3$. <i>Dalton Transactions</i> , 2021, 50, 2671-2688.	1.8	6
13	Improved synthesis of halo- and oxonium derivatives of dodecahydro-closo-dodecaborate(2-). <i>Journal of Organometallic Chemistry</i> , 2021, 949, 121967.	1.8	6
14	One-Pot Synthesis of B-Aryl Carboranes with Sensitive Functional Groups Using Sequential Cobalt- and Palladium-Catalyzed Reactions. <i>Catalysts</i> , 2020, 10, 1348.	3.5	5
15	Synthesis and structure of 3-arylazo derivatives of ortho-carborane. <i>New Journal of Chemistry</i> , 2020, 44, 10199-10202.	2.8	5
16	New approaches to the functionalization of the 1-carba-closo-decaborate anion. <i>Chemical Communications</i> , 2022, 58, 3775-3778.	4.1	5
17	Transition metal catalyzed synthesis of derivatives of polyhedral boron hydrides with B N, B P, B O and B S bonds. <i>Advances in Catalysis</i> , 2022, , .	0.2	1