

# Akim Shmalko

## List of Publications by Year in descending order

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#	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	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
3	Effects of Linkers on the Development of Liposomal Formulation of Cholesterol Conjugated Cobalt Bis(dicarbollides). Journal of Pharmaceutical Sciences, 2021, 110, 1365-1373.	3.3	14
4	The unexpected reactivity of 9-iodo-nido-carborane: from nucleophilic substitution reactions to the synthesis of tricobalt tris(dicarbollide) $\text{Na}[\text{4,4}^{\text{--}}\text{4}^{\text{--}}\text{-(MeOCH}_2\text{CH}_2\text{O)}_3\text{-3,3}^{\text{--}}\text{3}^{\text{--}}\text{-Co}_3(\text{I}^{1/3}\text{-O})(\text{I}^{1/3}\text{-S})(\text{I}^{1/3}\text{-C}_2\text{B}_9\text{H}_{10})_3]$ . Dalton Transactions, 2021, 50, 2671-2688.	1.2	1
5	Cyclic oxonium derivatives of cobalt and iron bis(dicarbollides) and their use in organic synthesis. Russian Chemical Reviews, 2021, 90, 785-830.	6.5	19
6	Improved synthesis of halo- and oxonium derivatives of dodecahydrido-closo-dodecaborate(2-). Journal of Organometallic Chemistry, 2021, 949, 121967.	1.8	6
7	B-N bond formation through palladium-catalyzed, microwave-assisted cross-coupling of nitrogen compounds with iodo-dodecaborate. Chemical Communications, 2021, 57, 10007-10010.	4.1	14
8	Isomeric ammonio derivatives of nido-carborane 3- and 10-H <sub>3</sub> N-7,8-C <sub>2</sub> B <sub>9</sub> H <sub>11</sub> . Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 901-904.	1.6	8
9	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
10	Synthesis and structure of 3-aryloxy derivatives of ortho-carborane. New Journal of Chemistry, 2020, 44, 10199-10202.	2.8	5
11	Boron-Containing Lipids and Liposomes: New Conjugates of Cholesterol with Polyhedral Boron Hydrides. Chemistry - A European Journal, 2020, 26, 13832-13841.	3.3	28
12	Expanding the chemistry of single-ion conducting poly(ionic liquid)s with polyhedral boron anions. Polymer International, 2019, 68, 1570-1579.	3.1	12
13	Stability of nickel bis(dicarbollide) complexes. Mendeleev Communications, 2019, 29, 534-536.	1.6	7
14	Click synthesis of cobalt bis(dicarbollide)-cholesterol conjugates. Mendeleev Communications, 2019, 29, 628-630.	1.6	15
15	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
16	Synthesis and <i>in vitro</i> study of new highly boronated phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2014, 18, 960-966.	0.8	14
17	Synthesis of carboxylic acids based on the closo-decaborate anion. Polyhedron, 2011, 30, 1494-1501.	2.2	29