

Igor B Sivaev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polyhedral Boranes for Medical Applications: Current Status and Perspectives. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1433-1450.	1.0	310
2	Lewis acidity of boron compounds. <i>Coordination Chemistry Reviews</i> , 2014, 270-271, 75-88.	9.5	278
3	Chemistry of closo-Dodecaborate Anion [B ₁₂ H ₁₂] ²⁻ : A Review. <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 679-727.	1.0	269
4	Chemistry of Cobalt Bis(dicarbollides). A Review. <i>Collection of Czechoslovak Chemical Communications</i> , 1999, 64, 783-805.	1.0	234
5	Cyclic oxonium derivatives of polyhedral boron hydrides and their synthetic applications. <i>Dalton Transactions</i> , 2008, , 977.	1.6	176
6	Fifty years of the closo-decaborate anion chemistry. <i>Collection of Czechoslovak Chemical Communications</i> , 2010, 75, 1149-1199.	1.0	154
7	Polyhedral Boron Compounds as Potential Diagnostic and Therapeutic Antitumor Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2006, 6, 75-109.	0.9	128
8	Chameleonic Capacity of [3,3- η^5 -Co(1,2-C ₂ B ₉ H ₁₁) ₂]- in Coordination. Generation of the Highly Uncommon S(thioether) η^5 -Na Bond. <i>Organometallics</i> , 2003, 22, 3414-3423.	1.1	107
9	Synthesis of oxonium derivatives of the dodecahydro-closo-dodecaborate anion [B ₁₂ H ₁₂] ²⁺ . Tetramethylene oxonium derivative of [B ₁₂ H ₁₂] ²⁺ as a convenient precursor for the synthesis of functional compounds for boron neutron capture therapy. <i>Polyhedron</i> , 2000, 19, 627-632.	1.0	100
10	Synthesis of functional derivatives of the [3,3- η^2 -Co(1,2-C ₂ B ₉ H ₁₁) ₂] ⁺ anion. <i>Journal of Organometallic Chemistry</i> , 2002, 649, 1-8.	0.8	94
11	Derivatives of the closo-dodecaborate anion and their application in medicine. <i>Russian Chemical Bulletin</i> , 2002, 51, 1362-1374.	0.4	94
12	Polyhedral boron derivatives of porphyrins and phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2001, 05, 767-781.	0.4	74
13	Silver and Copper Complexes with closo-Polyhedral Borane, Carborane and Metallacarborane Anions: Synthesis and X-ray Structure. <i>Crystals</i> , 2016, 6, 60.	1.0	71
14	Chemistry of nickel and iron bis(dicarbollides). A review. <i>Journal of Organometallic Chemistry</i> , 2000, 614-615, 27-36.	0.8	67
15	Synthesis of Schiff Bases Derived from the Ammoniaundecahydro-closo-dodecaborate(1 ⁺) Anion, [B ₁₂ H ₁₁ NHCHR]-, and Their Reduction into Monosubstituted Amines [B ₁₂ H ₁₁ NH ₂ CH ₂ R]-: A New Route to Water Soluble Agents for BNCT. <i>Inorganic Chemistry</i> , 1999, 38, 5887-5893.	1.9	64
16	Practical synthesis of 1,4-dioxane derivative of the closo-dodecaborate anion and its ring opening with acetylenic alkoxides. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 519-525.	0.8	60
17	Crown Compounds for Anions: Sandwich and Half-Sandwich Complexes of Cyclic Trimeric Perfluoro-o-phenylenemercury with Polyhedralcloso-[B ₁₀ H ₁₀] ²⁺ andcloso-[B ₁₂ H ₁₂] ²⁺ Anions. <i>Chemistry - A European Journal</i> , 2001, 7, 3783-3790.	1.7	53
18	Substitution reactions at boron atoms in metallacarboranes. <i>Russian Chemical Reviews</i> , 2004, 73, 433-453.	2.5	51

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19	A Highly Potent Antibacterial Agent Targeting Methicillin-Resistant <i>Staphylococcus aureus</i> Based on Cobalt Bis(1,2-Dicarbollide) Alkoxy Derivative. <i>Organometallics</i> , 2017, 36, 3484-3490.	1.1	50
20	Molecular conductors with 8,8- diiodo cobalt bis(dicarbollide) anion. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2336-2342.	0.8	48
21	Carborane Derivative Conjugated with Gold Nanoclusters for Targeted Cancer Cell Imaging. <i>Biomacromolecules</i> , 2017, 18, 1466-1472.	2.6	47
22	Novel types of boronated chlorin e_6 conjugates via "click chemistry". <i>Applied Organometallic Chemistry</i> , 2009, 23, 370-374.	1.7	45
23	Nitrogen heterocyclic salts of polyhedral borane anions: from ionic liquids to energetic materials. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 638-658.	0.6	45
24	Synthesis of Functional Derivatives of 7,8-Dicarbonyl-nido-undecaborate Anion by Ring-Opening of Its Cyclic Oxonium Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 1676-1688.	1.0	44
25	Synthesis of alkoxy derivatives of dodecahydro-closo-dodecaborate anion $[\text{B}_{12}\text{H}_{12}]^{2-}$. <i>Tetrahedron Letters</i> , 1999, 40, 3451-3454.	0.7	43
26	Synthesis and derivatization of the 2-amino-closo-decaborate anion $[\text{B}_{10}\text{H}_9\text{NH}_3]^-$. <i>Journal of Organometallic Chemistry</i> , 2002, 657, 163-170.	0.8	42
27	Radiobromination of closo-dodecaborate anion. Aspects of labelling chemistry in aqueous solution using Chloramine-T. <i>Radiochimica Acta</i> , 2002, 90, 229-235.	0.5	41
28	New B-substituted derivatives of m-carborane, p-carborane, and cobalt bis(1,2-dicarbollide) anion. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2920-2929.	0.8	41
29	Cobalt bis(dicarbollide) versus closo-dodecaborate in boronated chlorin e_6 conjugates: implications for photodynamic and boron-neutron capture therapy. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 645-652.	1.6	41
30	C-H Bond Activation of Arenes by $[\text{B}_{10}\text{H}_9\text{Co}(\text{C}_2\text{B}_9\text{H}_{10})_2]$ in the Presence of Sterically Hindered Lewis Bases. <i>Organometallics</i> , 2010, 29, 5366-5372.	1.1	40
31	Unprecedented flexibility of the 1,1-bis(o-carborane) ligand: catalytically-active species stabilised by B-agostic H-Ru interactions. <i>Dalton Transactions</i> , 2016, 45, 1127-1137.	1.6	40
32	Radiobromination of monoclonal antibody using potassium $[\text{Br}^{76}]$ (4) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (isothiocyanatobenzene). <i>Journal of Medicines and Biology</i> , 2004, 31, 205-211.	0.3	38
33	Conjugates of polyhedral boron compounds with carbohydrates. 4. hydrolytic stability of carborane-lactose conjugates depends on the structure of a spacer between the carborane cage and sugar moiety. <i>Applied Organometallic Chemistry</i> , 2006, 20, 416-420.	1.7	38
34	Chlorin e_6 fused with a cobalt-bis(dicarbollide) nanoparticle provides efficient boron delivery and photoinduced cytotoxicity in cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2013, 13, 92-102.	1.6	38
35	Nucleophilic addition reactions to the ethylnitrilium derivative of nido-carborane $[\text{B}_{10}\text{H}_9\text{N}(\text{C}_2\text{B}_9\text{H}_{11})]$. <i>New Journal of Chemistry</i> , 2018, 42, 17958-17967.	1.4	38
36	First molecular conductors with 8,8-dibromo cobalt bis(dicarbollide) anion. <i>Solid State Sciences</i> , 2008, 10, 1734-1739.	1.5	37

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37	Dihydrogen bonding of decahydro-closo-decaborate(2 ⁻) and dodecahydro-closo-dodecaborate(2 ⁻) anions with proton donors: experimental and theoretical investigation. <i>Journal of Organometallic Chemistry</i> , 2002, 657, 155-162.	0.8	36
38	New fulvalenium salts of bis(dicarbollide) cobalt and iron: Synthesis, crystal structure and electrical conductivity. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5033-5043.	0.8	36
39	Transition metal complexes with charge-compensated dicarbollide ligands. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 221-250.	0.8	36
40	Closo-Dodecaborate(2-) as a Linker for Iodination of Macromolecules. <i>Aspects on Conjugation Chemistry and Biodistribution. Bioconjugate Chemistry</i> , 1999, 10, 338-345.	1.8	34
41	Synthesis of 10-Methylsulfide and 10-Alkylmethylsulfoniumido-Carborane Derivatives: B-H...H Interactions between the B-H-B Hydrogen Atom and Alkyne Group in 10-RC ₂ S(Me)-7,8-C ₂ B ₉ H ₁₁ . <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4436-4443.	1.0	34
42	Palladium-catalyzed cross-coupling reactions of arylboronic acids and 2-I-p-carborane. <i>Journal of Organometallic Chemistry</i> , 2002, 657, 267-272.	0.8	33
43	Synthesis of novel derivatives of closo-dodecaborate anion with azido group at the terminal position of the spacer. <i>Applied Organometallic Chemistry</i> , 2007, 21, 98-100.	1.7	33
44	New conjugates of cobalt bis(dicarbollide) with chlorophyll a derivatives. <i>Mendeleev Communications</i> , 2011, 21, 84-86.	0.6	31
45	Nitrilium derivatives of polyhedral boron compounds (boranes, carboranes, metallocarboranes): Synthesis and reactivity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 983-988.	0.8	31
46	1,1 ⁻² -Bis(ortho-carborane)-based transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2019, 392, 146-176.	9.5	31
47	Molecular Conductors with a 8-Hydroxy cobalt Bis(dicarbollide) Anion. <i>Inorganic Chemistry</i> , 2011, 50, 444-450.	1.9	29
48	Synthesis of carboxylic acids based on the closo-decaborate anion. <i>Polyhedron</i> , 2011, 30, 1494-1501.	1.0	29
49	Fast flip-flop of halogenated cobalt bis(dicarbollide) anion in a lipid bilayer membrane. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25122-25128.	1.3	29
50	Methylsulfanyl-stabilized Rotamers of Cobalt Bis(dicarbollide). <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4444-4451.	1.0	29
51	Synthesis of monosubstituted functional derivatives of carboranes from 1-mercapto-ortho-carborane: 1-HOOC(CH ₂) _n -S-1,2-C ₂ B ₁₀ H ₁₁ and [7-HOOC(CH ₂) _n -S-7,8-C ₂ B ₉ H ₁₁] ⁻ (n) <i>Tj ETQq1 1 0.784</i>	1.6	28
52	Boron-containing Lipids and Liposomes: New Conjugates of Cholesterol with Polyhedral Boron Hydrides. <i>Chemistry - A European Journal</i> , 2020, 26, 13832-13841.	1.7	28
53	Synthesis, structure and electrical conductivity of fulvalenium salts of cobalt bis(dicarbollide) anion. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 4225-4233.	0.8	27
54	Conjugates of boron clusters with derivatives of natural chlorin and bacteriochlorin. <i>Applied Radiation and Isotopes</i> , 2009, 67, S101-S104.	0.7	27

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55	Practical synthesis of 9-methylthio-7,8-nido-carborane [9-MeS-7,8-C ₂ B ₉ H ₁₁]-. Some evidences of BH \cdots X hydride-halogen bonds in 9- XCH ₂ (Me)S-7,8-C ₂ B ₉ H ₁₁ (X= Cl, Br, I). Journal of Organometallic Chemistry, 2017, 849-850, 315-323.	0.8	27
56	Mild C-H activation of activated aromatics with [8,8- η^5 -1,3,3- η^2 -Co(1,2-C ₂ B ₉ H ₁₀) ₂]: Just mix them. Journal of Organometallic Chemistry, 2012, 721-722, 70-77.	0.8	25
57	Direct synthesis of nido-carborane derivatives with pendant functional groups by copper-promoted reactions with dimethylalkylamines. Journal of Organometallic Chemistry, 2014, 757, 21-27.	0.8	25
58	A new approach to the synthesis of functional derivatives of nido-carborane: alkylation of [9-MeS-nido-7,8-C ₂ B ₉ H ₁₁] ⁺ . Dalton Transactions, 2014, 43, 5044-5053.	1.6	25
59	Ferrocene and Transition Metal Bis(Dicarbollides) as Platform for Design of Rotatory Molecular Switches. Molecules, 2017, 22, 2201.	1.7	25
60	Conjugates of polyhedral boron compounds with carbohydrates. 2. Unexpected easy closo-to nido-transformation of a carborane-carbohydrate conjugate in neutral aqueous solution. Journal of Organometallic Chemistry, 2005, 690, 2769-2774.	0.8	24
61	Tetrathiafulvalene-based radical cation salts with transition metal bis(dicarbollide) anions. CrystEngComm, 2015, 17, 4754-4767.	1.3	24
62	Synthesis of crown ethers with the incorporated cobalt bis(dicarbollide) fragment. Journal of Organometallic Chemistry, 2015, 798, 196-203.	0.8	24
63	Transition metal complexes with carboranylphosphine ligands. Coordination Chemistry Reviews, 2021, 436, 213795.	9.5	24
64	New approach to incorporation of boron in tumor-seeking molecules. Applied Radiation and Isotopes, 2009, 67, S91-S93.	0.7	23
65	On relative electronic effects of polyhedral boron hydrides. Journal of Organometallic Chemistry, 2013, 747, 254-256.	0.8	23
66	The synthesis of functional derivatives of the [1-CB ₉ H ₁₀] ⁻ anion by Brellocks reaction. Journal of Organometallic Chemistry, 2005, 690, 2790-2795.	0.8	22
67	Synthesis of the 1-hydroxy-closo-decaborate anion [1-B ₁₀ H ₉ OH] ⁻ . Journal of Organometallic Chemistry, 2005, 690, 2847-2849.	0.8	22
68	Arene-Ruthenium Complexes of 1,1-Bis(ortho-carborane): Synthesis, Characterization, and Catalysis. Inorganic Chemistry, 2019, 58, 11751-11761.	1.9	22
69	Synthesis of new carborane-based amino acids. Polyhedron, 2013, 55, 117-120.	1.0	21
70	New boron-containing bacteriochlorin p cycloimide conjugate. Russian Chemical Bulletin, 2008, 57, 2230-2232.	0.4	19
71	Synthesis of boron-containing tyrosine derivatives based on the closo-decaborate and closo-dodecaborate anions. Russian Chemical Bulletin, 2011, 60, 2550-2554.	0.4	19
72	Cyclic oxonium derivatives of cobalt and iron bis(dicarbollides) and their use in organic synthesis. Russian Chemical Reviews, 2021, 90, 785-830.	2.5	19

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73	Synthesis and crystal structures of nickel(<i>ii</i>) and palladium(<i>ii</i>) complexes with <i>o</i> -carboranyl amidine ligands. Dalton Transactions, 2021, 50, 4967-4975.	1.6	19
74	L-4-Boronophenylalanine (All around the one molecule). Arkivoc, 2008, 2008, 47-61.	0.3	19
75	Nucleophilic addition reactions to nitrilium derivatives [B ₁₂ H ₁₁ NCCH ₃] ⁺ and [B ₁₂ H ₁₁ NCCH ₂ CH ₃] ⁺ . Synthesis and structures of <i>closo</i> -dodecaborate-based iminols, amides and amidines. Dalton Transactions, 2022, 51, 3051-3059.	1.6	19
76	[C ₂ B ₁₀] ⁻ , [B ₁₂] double cage boron compounds – a new approach to the synthesis of water-soluble boron-rich compounds for BNCT. Journal of Organometallic Chemistry, 2003, 680, 106-110.	0.8	18
77	Synthesis, structure and electrical conductivity of fulvalenium salts of cobalt bis(dicarbollide) anion and its derivatives. Journal of Chemical Sciences, 2010, 122, 37-41.	0.7	18
78	Synthesis of cobalt bis(dicarbollide) conjugates with natural chlorins by the Sonogashira reaction. Russian Chemical Bulletin, 2010, 59, 219-224.	0.4	18
79	Synthesis of conjugates of polyhedral boron compounds with tumor-seeking molecules for neutron capture therapy. Applied Radiation and Isotopes, 2011, 69, 1774-1777.	0.7	18
80	Tungsten carbonyl <i>f</i> -complexes of nido-carborane thioethers. Journal of Organometallic Chemistry, 2012, 721-722, 92-96.	0.8	18
81	Large, weakly basic bis(carboranyl)phosphines: an experimental and computational study. Dalton Transactions, 2017, 46, 5218-5228.	1.6	18
82	New carborane-containing acids and amines. Russian Chemical Bulletin, 2017, 66, 1643-1649.	0.4	18
83	Interaction of polyhedral boron hydride anions [B ₁₀ H ₁₀] ²⁻ and [B ₁₂ H ₁₂] ²⁻ with cyclic copper and silver 3,5-bis(trifluoromethyl)pyrazolate complexes. Journal of Organometallic Chemistry, 2009, 694, 1704-1707.	0.8	17
84	Synthesis, structures, and conductivities of salts (BEDT-TTF)[9,9-(12)-3,3-Co(1,2-C ₂ B ₉ H ₁₀) ₂] and (TTF)[9,9-(12)-4-3,3-Co(1,2-C ₂ B ₉ H ₉) ₂]. Russian Chemical Bulletin, 2010, 59, 1137-1144.	0.4	17
85	Synthesis of new <i>o</i> -amino- and <i>o</i> -azidoalkyl carboranes. New Journal of Chemistry, 2013, 37, 3865.	1.4	17
86	Facile synthesis of <i>closo</i> -nido bis(carborane) and its highly regioselective halogenation. Journal of Organometallic Chemistry, 2016, 805, 1-5.	0.8	17
87	Electrochemical synthesis of halogen derivatives of bis(1,2-dicarbolly)cobalt(III). Russian Chemical Bulletin, 2004, 53, 2554-2557.	0.4	16
88	Synthesis of Alkoxy Derivatives of Decahydro- <i>closo</i> -decaborate Anion. Collection of Czechoslovak Chemical Communications, 2007, 72, 1689-1696.	1.0	16
89	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.	1.6	16
90	Synthesis of rhodacarboranes containing <i>f</i> - and <i>e</i> -carboranyl ligands in one molecule. Journal of Organometallic Chemistry, 2018, 867, 342-346.	0.8	16

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91	Synthesis and NMR spectra of the hydroxyundecahydro-closo-dodecaborate [B ₁₂ H ₁₁ OH] ₂ and its acylated derivatives. Russian Chemical Bulletin, 1996, 45, 683-686.	0.4	15
92	Synthesis, structure, electrical and magnetic properties of (BEDT-TTF) ₂ [3,3'-Fe(1,2-C ₂ B ₉ H ₁₁) ₂]. Inorganic Chemistry Communication, 2012, 15, 106-108.	1.8	15
93	Synthesis and structure of bis(methylsulfanyl) derivatives of iron bis(dicarbollide). Journal of Organometallic Chemistry, 2018, 865, 239-246.	0.8	15
94	10-NCCH ₂ CH ₂ OCH ₂ CH ₂ C N-7,8-C ₂ B ₉ H ₁₁ : Synthesis and reactions with various nucleophiles. Polyhedron, 2019, 174, 114170.	1.0	15
95	Click™ synthesis of cobalt bis(dicarbollide) cholesterol conjugates. Mendeleev Communications, 2019, 29, 628-630.	0.6	15
96	Competition between non-classical and classical hydrogen bonded sites in [BH ₃ CN] ⁻ : Spectral, energetic, structural and electronic features. Journal of Molecular Structure, 2006, 790, 114-121.	1.8	14
97	Synthesis and <i>in vitro</i> study of new highly boronated phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2014, 18, 960-966.	0.4	14
98	Synthesis of 9,9',12,12'-substituted cobalt bis(dicarbollide) derivatives. Russian Chemical Bulletin, 2015, 64, 712-717.	0.4	14
99	Tungsten carbonyl σ -complexes with charge-compensated nido-carboranyl thioether ligands. Dalton Transactions, 2015, 44, 6449-6456.	1.6	14
100	Synthesis of 8-alkoxy and 8,8'-dialkoxy derivatives of cobalt bis(dicarbollide). Journal of Organometallic Chemistry, 2018, 865, 138-144.	0.8	14
101	Synthesis of new nido-carborane based carboxylic acids and amines. Polyhedron, 2018, 153, 145-151.	1.0	14
102	Synthesis of novel carboranyl amidines. Journal of Organometallic Chemistry, 2020, 909, 121111.	0.8	14
103	Effects of Linkers on the Development of Liposomal Formulation of Cholesterol Conjugated Cobalt Bis(dicarbollides). Journal of Pharmaceutical Sciences, 2021, 110, 1365-1373.	1.6	14
104	Conjugates of polyhedral boron compounds with carbohydrates. 1. New approach to the design of selective agents for boron neutron capture therapy of cancer. Russian Chemical Bulletin, 2003, 52, 2766-2768.	0.4	13
105	Boron-Containing Phthalocyanines and Porphyrazines. Macrocyclics, 2012, 5, 292-301.	0.9	13
106	Synthesis of podands with nido-carboranyl groups as a basis for construction of crown ethers with an incorporated metallacarborane moiety. Russian Chemical Bulletin, 2013, 62, 699-704.	0.4	13
107	Cobaltacarborane functionalized phthalocyanines: Synthesis, photophysical, electrochemical and spectroelectrochemical properties. Synthetic Metals, 2015, 210, 376-385.	2.1	13
108	Synthesis and reactivity of propionitrilium derivatives of cobalt and iron bis(dicarbollides). New Journal of Chemistry, 2020, 44, 15836-15848.	1.4	13

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109	Conjugates of polyhedral boron compounds with carbohydrates 3. The first synthesis of a conjugate of the dodecaborate anion with a disaccharide lactose as a potential agent for boron neutron capture therapy of cancer. Russian Chemical Bulletin, 2005, 54, 1352-1353.	0.4	12
110	A novel approach to the synthesis of amino acids based on cobalt bis(dicarbollide). Russian Chemical Bulletin, 2010, 59, 2302-2308.	0.4	12
111	Synthesis of hetero-substituted derivatives of cobalt bis(1,2-dicarbollide). Russian Chemical Bulletin, 2011, 60, 2354-2358.	0.4	12
112	Conjugates of polyhedral boron compounds with carbohydrates 8. Synthesis and properties of nido-ortho-carborane glycoconjugates containing one to three β -lactosylamine residues. Russian Chemical Bulletin, 2011, 60, 2359-2364.	0.4	12
113	Expanding the chemistry of single-ion conducting poly(ionic liquid)s with polyhedral boron anions. Polymer International, 2019, 68, 1570-1579.	1.6	12
114	Dimethyloxonium and Methoxy Derivatives of nido-Carborane and Metal Complexes Thereof. Inorganics, 2019, 7, 46.	1.2	12
115	Formation of oxidopolyborates in destruction of the $[B_{11}H_{14}]^{-}$ anion promoted by transition metals. Inorganica Chimica Acta, 2020, 509, 119693.	1.2	12
116	1,12-Diiodo-Ortho-Carborane: A Classic Textbook Example of the Dihalogen Bond. Crystals, 2021, 11, 396.	1.0	12
117	Electrochemical thiocyanation of dodecahydro-7,8-dicarba-nido-undecaborate and 7,8-dimethyldecahydro-7,8-dicarba-nido-undecaborate monoanions. Russian Chemical Bulletin, 2005, 54, 1599-1602.	0.4	11
118	Palladium-Catalyzed Alkynylation of 2-Iodo-p-carboranes and 9-Iodo-m-carboranes. Russian Journal of Organic Chemistry, 2005, 41, 1359-1366.	0.3	11
119	Synthesis and structure of halogen derivatives of 9-dimethylsulfonium-7,8-dicarba-nido-undecaborane $[9-Me_2S-7,8-C_2B_9H_{11}]$. Journal of Organometallic Chemistry, 2007, 692, 5133-5140.	0.8	11
120	Design of molecular switches based on transition metal bis(dicarbollide) complexes. Russian Chemical Bulletin, 2018, 67, 1117-1130.	0.4	11
121	Title is missing!. Russian Chemical Bulletin, 2001, 50, 1115-1116.	0.4	10
122	Electrochemical iodination of C-methyl derivatives of dodecahydro-7,8-dicarba-nido-undecaborate anion. Russian Journal of Electrochemistry, 2006, 42, 280-284.	0.3	10
123	New Fulvalenium Salts of Cobalt Bis(dicarbollide): Crystal Structures and Electrical Conductivities. Crystals, 2012, 2, 43-55.	1.0	10
124	Pharmacokinetics of Chlorin e_6 -Cobalt Bis(Dicarbollide) Conjugate in Balb/c Mice with Engrafted Carcinoma. International Journal of Molecular Sciences, 2017, 18, 2556.	1.8	10
125	Radio-iodination of monoclonal antibody using potassium $[^{125}I]$ -(4-isothiocyanatobenzylammonio)-iodo-decahydro-closo-dodecaborate (iodo-DABI). Anticancer Research, 2006, 26, 1217-23.	0.5	10
126	The C-substituted charge-compensated dicarbollide $[7-SMe_2-7,8-C_2B_9H_{10}]^{-}$: Synthesis and room-temperature rearrangement of the iridium complex. Inorganic Chemistry Communication, 2015, 51, 80-82.	1.8	9

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127	First molecular conductors of BPDT-TTF with metallacarborane anions: (BPDT-TTF)[3,3- $\text{D}_{1r}(1,2\text{-C}_2\text{B}_9\text{H}_{11})_2$] and (BPDT-TTF)[3,3- $\text{D}_{1o}(1,2\text{-C}_2\text{B}_9\text{H}_{11})_2$] - Synthesis, structure, properties. Journal of Organometallic Chemistry, 2018, 867, 375-380.	0.8	9
128	Synthesis and Structure of Methylsulfanyl Derivatives of Nickel Bis(Dicarbollide). Molecules, 2019, 24, 4449.	1.7	9
129	Bis(dicarbollide) Complexes of Transition Metals as a Platform for Molecular Switches. Study of Complexation of 8,8- $\text{Bis}(\text{methylsulfanyl})$ Derivatives of Cobalt and Iron Bis(dicarbollides). Molecules, 2020, 25, 5745.	1.7	9
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