

# Konstantin Yu Zhizhin

## List of Publications by Year in descending order

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139  
papers

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304368

22  
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433756

31  
g-index

141  
all docs

141  
docs citations

141  
times ranked

579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron Cluster Anion $[B_{12}H_{12}]^{2-}$ in Zinc(II) and Cadmium(II) Complexation at the Presence of N-Donor Heterocyclic Ligands. <i>Journal of Cluster Science</i> , 2023, 34, 933-942.	1.7	3
2	B-F bonding and reactivity analysis of mono- and perfluoro-substituted derivatives of closo-borate anions (6, 10, 12): A computational study. <i>Polyhedron</i> , 2022, 211, 115559.	1.0	8
3	Nucleophilic Substitution Reactions in the $[B_3H_8]^-$ Anion in the Presence of Lewis Acids. <i>Molecules</i> , 2022, 27, 746.	1.7	1
4	Potentiometric quantitation of general local anesthetics with a new highly sensitive membrane sensor. <i>Talanta</i> , 2022, 241, 123239.	2.9	5
5	New type of RNA virus replication inhibitor based on decahydro-closo-decaborate anion containing amino acid ester pendant group. <i>Journal of Biological Inorganic Chemistry</i> , 2022, 27, 421-429.	1.1	16
6	Protonation of Borylated Carboxonium Derivative $[2,6-B_{10}H_8O_2CCH_3]^+$ : Theoretical and Experimental Investigation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4190.	1.8	8
7	Zinc(II) and cadmium(II) complexes with the decahydro-closo-decaborate anion and phenyl-containing benzimidazole derivatives with linker N N or C N group. <i>Polyhedron</i> , 2021, 194, 114902.	1.0	18
8	Sulfonium closo-hydridodecaborate anions as active components of a potentiometric membrane sensor for lidocaine hydrochloride. <i>Inorganica Chimica Acta</i> , 2021, 514, 119992.	1.2	10
9	Synthesis of Nitrile Derivatives of the closo-Decaborate and closo-Dodecaborate Anions $[B_nH_n]^{n-}$ (n = 10, 12) by a Microwave Method. <i>Russian Journal of Inorganic Chemistry</i> , 2021, 66, 139-145.	0.3	19
10	Nickel(II) Complexes with Azaheterocyclic Ligands and 2-Hydroxy-closo-Decaborate Anion $[2-B_{10}H_9OH]^{2-}$ . <i>Russian Journal of Inorganic Chemistry</i> , 2021, 66, 187-192.	0.3	16
11	Novel Cationic Meso-Arylporphyrins and Their Antiviral Activity against HSV-1. <i>Pharmaceuticals</i> , 2021, 14, 242.	1.7	8
12	Theoretical Study of closo-Borate Anions $[B_nH_n]^{n-}$ (n = 5-12): Bonding, Atomic Charges, and Reactivity Analysis. <i>Symmetry</i> , 2021, 13, 464.	1.1	21
13	Electrochemical Properties of the closo-Decaborate Anion $[B_{10}H_{10}]^{2-}$ and a New Method for Preparation of the $[B_{20}H_{18}]^{2-}$ Anion. <i>Russian Journal of Inorganic Chemistry</i> , 2021, 66, 295-304.	0.3	10
14	Nucleophilic addition of amino acid esters to nitrilium derivatives of closo-decaborate anion. <i>Mendeleev Communications</i> , 2021, 31, 201-203.	0.6	20
15	Synthesis of Boronated Sulfonium Derivatives of closo-Decaborate Anion $[2-B_{10}H_9Cl]^{2-}$ (R = Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 192 Td (<img alt="Chemical structure of closo-decaborate anion with a chlorine atom at the 2-position, [2-B10H9Cl]2-). The structure shows a ten-vertex icosahedron with a chlorine atom at one vertex and ten hydrogen atoms at the other vertices. The overall charge is 2-.	1.9	11
16	Theoretical and experimental comparison of the reactivity of the sulfanyl-closo-decaborate and sulfanyl-closo-dodecaborate anions and their mono-S-substituted derivatives. <i>Polyhedron</i> , 2021, 206, 115347.	1.0	5
17	Crystal structures, luminescence, and DFT study of mixed-ligand Zn(II) and Cd(II) complexes with phenyl-containing benzimidazole derivatives with linker C N or N N group. <i>Journal of Luminescence</i> , 2021, 237, 118156.	1.5	25
18	Synthesis, structures, DFT calculations, and Hirshfeld surface analysis of sulfonium derivatives of the closo-decaborate anion $[B_{10}X_9-cyclo-S(CH_2)_4]^{+}$ and $[B_{10}X_9-cyclo-S(CH_2CH_2)_2O]^{+}$ (X = H, Cl, Br). <i>Journal of Molecular Structure</i> , 2021, 1241, 130591.	1.8	15

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19	Fused 1,2-Diboraoxazoles Based on closo-Decaborate Anion—Novel Members of Diboroheterocycle Class. <i>Molecules</i> , 2021, 26, 248.	1.7	22
20	Primary Amine Nucleophilic Addition to Nitrilium Closo-Dodecaborate $[B_{12}H_{11}NCCH_3]^{-}$ : A Simple and Effective Route to the New BNCT Drug Design. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13391.	1.8	25
21	Synthesis of Zn(II) porphyrin dyes and revealing an influence of their alkyl substituents on performance of dye-sensitized solar cells. <i>Synthetic Metals</i> , 2020, 269, 116567.	2.1	14
22	Synthesis of New Boron-Containing Ligands and Their Hafnium(IV) Complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 839-845.	0.3	5
23	Theoretical study of closo-borate derivatives of general type $[B_nH_n-1COR]_2^{-}$ ( $n=6, 10, 12$ ; $R=H, CH_3$ ). <i>Journal of Inorganic Chemistry</i> , 2020, 65, 1687-1694.	1.0	15
24	High-Temperature Spin Crossover in Complexes of Iron(II) closo-Borates with 2,6-Bis(benzimidazol-2-yl)pyridine. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 1687-1694.	0.3	12
25	Perbrominated Sulfonium-Substituted closo-Decaborates with exo-Polyhedral Amino Groups $[2-B_{10}Br_9S((CH_2)_nNH_2)_2]^{-}$ ( $n=1-3$ ). <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 1333-1342.	0.3	14
26	New Hybrid Polymer Membrane for Potentiometric Uranium-Selective Sensor. <i>Doklady Chemistry</i> , 2020, 491, 57-60.	0.2	2
27	Synthesis and Physicochemical Properties of C-Borylated Esters Based on the closo-Decaborate Anion. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 1547-1551.	0.3	11
28	Structural Diversity of Cationic Copper(II) Complexes with Neutral Nitrogen-Containing Organic Ligands in Compounds with Boron Cluster Anions and Their Derivatives (Review). <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 514-534.	0.3	32
29	Silver(I) complexes with substituted derivatives of the boron cluster anions as ligands. <i>Inorganica Chimica Acta</i> , 2020, 510, 119749.	1.2	6
30	The method for synthesis of 2-sulfonium closo-decaborate anions derivatives with exo-polyhedral aminogroups. <i>Inorganica Chimica Acta</i> , 2020, 507, 119589.	1.2	16
31	An Ion Selective Electrode for the Determination of Pertechnetate Ions. <i>Journal of Analytical Chemistry</i> , 2020, 75, 829-834.	0.4	3
32	N-Borylated Hydroxylamines $[B_{12}H_{11}NH_2OH]^{-}$ as a Novel Type of Substituted Derivative of the closo-Dodecaborate Anion. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 795-799.	0.3	15
33	Hydrothermal Synthesis of Aqueous Sols of Nanocrystalline HfO <sub>2</sub> . <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 800-804.	0.3	1
34	Theoretical study of monocarbonyl derivatives of closo-borate anions $[B_nH_n-1CO]^{-}$ ( $n=6, 10, 12$ ): bonding and reactivity analysis. <i>Mendeleev Communications</i> , 2020, 30, 88-90.	0.6	14
35	A tetradecylphosphonium compounds—based membrane sensor for potentiometric quantitation of pertechnetate-ions in cementitious radioactive waste. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127853.	4.0	4
36	Solvent-Induced Encapsulation of Cobalt(II) Ion by a Boron-Capped tris-Pyrazoloximate. <i>Inorganic Chemistry</i> , 2020, 59, 5845-5853.	1.9	22

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37	Synthesis of donor-acceptor porphyrins for DSSC: DFT-study, comparison of anchoring mode and effectiveness. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 538-547.	0.4	3
38	Synthesis and Physicochemical Properties of C-Borylated Esters and Amides Based on the closo-Dodecaborate Anion. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 1637-1641.	0.3	3
39	Structural Diversity of Dimer Clusters Based on the Octadecahydro-Eicosaborate Anion. <i>Journal of Structural Chemistry</i> , 2019, 60, 692-712.	0.3	16
40	Nucleophilic Addition Reaction of Secondary Amines to Acetonitrilium closo-Decaborate [2-B10H9NCCCH3] <sup>+</sup> . <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 841-846.	0.3	16
41	New Synthesis Method of N-Monosubstituted Ammonium-closo-Decaborates. <i>Journal of Cluster Science</i> , 2019, 30, 1327-1333.	1.7	16
42	Complex [Ag(PPh3)4][2-B10H9NH3 · 2DMF]: Synthesis and Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 563-568.	0.3	8
43	Derivatives of closo-Decaborate Anion with Polyamines. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 977-983.	0.3	13
44	Boron Cluster Anions [B10X10]2 <sup>-</sup> (X = H, Cl) in Manganese(II) Complexation with 2,2'-Bipyridyl. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 295-300.	0.3	12
45	Complexation and exopolyhedral substitution of the terminal hydrogen atoms in the decahydro-closo-decaborate anion in the presence of cobalt(II). <i>Polyhedron</i> , 2019, 162, 65-70.	1.0	28
46	Synthesis and Study of Derivatives of the [B10H10]2 <sup>-</sup> Anion with Amino Acids. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1513-1521.	0.3	9
47	Solid-State Synthesis of Lithium-Substituted Spinel Mg <sub>1-x</sub> Li <sub>x</sub> MnO <sub>3</sub> . <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1482-1485.	0.3	3
48	Synthesis of Substituted Derivatives of closo-Decaborate Anion with a Peptide Bond: The Way towards Designing Biologically Active Boron-Containing Compounds. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1499-1506.	0.3	12
49	QTAIM Analysis of Mono-Hydroxy Derivatives of closo-Borate Anions [BnHn-1OH]2 <sup>-</sup> (n = 6, 10, 12). <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1825-1828.	0.3	6
50	Synthesis of 1-Naphtylnitrium closo-Decaborate and Amino Acid Conjugates and Their Photophysical Properties. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1750-1752.	0.3	16
51	Hydride Intercalation of Lithium into the Spinel MgMnO <sub>3</sub> . <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1205-1209.	0.3	0
52	Solid State Synthesis and Reversible Oxygen Capacity of Li/Mg Overstoichiometric Solid Solutions Based on the Spinel MgMnO <sub>3</sub> . <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1335-1341.	0.3	2
53	Synthesis and Physicochemical Properties of C-Borylated Amides Based on the closo-Decaborate Anion. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1405-1409.	0.3	8
54	Mechanism of generation of closo-decaborato amidrazones. Intramolecular non-covalent Bâ€¦Hâ€¦N(Ph) interaction determines stabilization of the configuration around the amidrazone Câ€¦N bond. <i>New Journal of Chemistry</i> , 2018, 42, 8693-8703.	1.4	52

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55	Diverse chemistry of the dianion [closo-B <sub>9</sub> H <sub>9</sub> ] <sub>2</sub> <sup>2-</sup> : synthesis and reactivity of its mono-anionic derivative [arachno-B <sub>9</sub> H <sub>12</sub> -4,8-Cl <sub>2</sub> ] <sup>-</sup> . <i>New Journal of Chemistry</i> , 2018, 42, 2553-2556.	1.4	3
56	Contribution of bulk mass spectrometry isotopic analysis to characterization of materials in the framework of CMX-4. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 315, 435-441.	0.7	8
57	Synthesis and stability studies of derivatives of the 2-sulfanyl-closo-decaborate anion [2-B <sub>10</sub> H <sub>9</sub> SH] <sub>2</sub> <sup>-</sup> . <i>Inorganica Chimica Acta</i> , 2018, 477, 277-283.	1.2	25
58	Synthesis of Boron-Containing Siloxanes by Reaction of Hydroxy-closo-Decaborates with Dihalosilanes. <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 213-218.	0.3	13
59	Selective synthesis of the [2-B <sub>10</sub> H <sub>9</sub> ] <sub>2</sub> <sup>-</sup> anion and some theoretical aspects of its iodination process. <i>Polyhedron</i> , 2018, 139, 125-130.	1.0	7
60	Methods of Creating closo-Decaborate Anion Derivatives with Bridging and Terminal Exopolyhedral Cyclic Substituents of Sulfonium Type. <i>Doklady Chemistry</i> , 2018, 483, 263-265.	0.2	8
61	New Methods for the Synthesis of Alkoxy Derivatives of the closo-Decaborate Anion [2-B <sub>10</sub> H <sub>9</sub> (OR)] <sub>2</sub> <sup>-</sup> , Where R = C <sub>2</sub> H <sub>5</sub> , iso-C <sub>3</sub> H <sub>7</sub> , $\text{C}_4\text{H}_9$ . <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 1546-1551.	0.3	14
62	Preparation and Characterization of MgH <sub>2</sub> Mechanocomposites with Mg <sub>2</sub> NiH <sub>0.3</sub> + Mg <sub>2</sub> NiH <sub>4</sub> $\hat{=}$ Two-Phase Mixture. <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 1529-1533.	0.3	4
63	Electrophilicity of aliphatic nitrilium closo -decaborate clusters: Hyperconjugation provides an unexpected inverse reactivity order. <i>Journal of Organometallic Chemistry</i> , 2018, 870, 97-103.	0.8	12
64	Nucleophilic addition of hydrazine and benzophenone hydrazone to 2-acetonitrilium closo-decaborate cluster: Structural and photophysical study. <i>Inorganica Chimica Acta</i> , 2018, 482, 838-845.	1.2	14
65	Push-pull alkenes bearing closo-decaborate cluster generated via nucleophilic addition of carbanions to borylated nitrilium salts. <i>Inorganica Chimica Acta</i> , 2018, 471, 372-376.	1.2	15
66	<i>closo</i> -Dodecaborate Intercalated Yttrium Hydroxide as a First Example of Boron Cluster Anion-Containing Layered Inorganic Substances. <i>Inorganic Chemistry</i> , 2017, 56, 3421-3428.	1.9	22
67	Hydrolysis of nitrilium derivatives of the closo-decaborate anion [2-B <sub>10</sub> H <sub>9</sub> (N <sub>10</sub> CR)] <sup>-</sup> (R = CH <sub>3</sub> , C <sub>2</sub> H <sub>5</sub> ). <i>J. Organomet. Chem.</i> 2017, 914, 1-14.	0.3	14
68	The method for synthesis of 2-sulfanyl closo -decaborate anion and its S -alkyl and S -acyl derivatives. <i>Journal of Organometallic Chemistry</i> , 2017, 828, 106-115.	0.8	27
69	Phase equilibria involving solid solutions in the Li <sup>+</sup> Mn <sup>2+</sup> O system. <i>Russian Journal of Inorganic Chemistry</i> , 2017, 62, 551-557.	0.3	16
70	Nucleophilic addition of aromatic amide oximes to [2-B <sub>10</sub> H <sub>9</sub> NCC <sub>2</sub> H <sub>5</sub> ] <sup>-</sup> anion. <i>Russian Journal of General Chemistry</i> , 2017, 87, 37-43.	0.3	10
71	Effective binding of perhalogenated closo -borates to serum albumins revealed by spectroscopic and ITC studies. <i>Journal of Molecular Structure</i> , 2017, 1141, 75-80.	1.8	11
72	Nucleophilic addition of alcohols to anionic [2-B <sub>10</sub> H <sub>9</sub> NCR] <sub>2</sub> <sup>-</sup> (R = Et, t-Bu): An approach to producing new borylated imidates. <i>Polyhedron</i> , 2017, 123, 176-183.	1.0	25

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73	Positional isomers of mononuclear silver(I) anionic complex $[Ag(Ph_3P)_2[B_{10}H_{10}xCl]]^{x-}$ ( $x=0$ or $1$ ) with apically and equatorially coordinated decahydrido-closo-decaborate and 2-chlorononahydrido-closo-decaborate ligands. <i>Polyhedron</i> , 2017, 123, 396-403.	1.0	15
74	The Discovery of the Effect of closo-Borate on Amyloid Fibril Formation. <i>ChemistrySelect</i> , 2017, 2, 10965-10970.	0.7	5
75	Interaction of $[B_{10}H_{10}]^{2-}$ and $[B_{12}H_{12}]^{2-}$ with nitro compounds. <i>Doklady Chemistry</i> , 2017, 477, 257-260.	0.2	12
76	A new method for the synthesis of carboxonium derivatives of the closo-decaborate anion $[2,6-B_{10}H_8(O_2CR)]^{2-}$ , where $R = CH_3, C_2H_5$ . <i>Russian Journal of Inorganic Chemistry</i> , 2017, 62, 1479-1482.	0.3	8
77	Reaction of the $[B_{10}H_9O_2C_4H_8]^{2-}$ anion with C-nucleophiles. <i>Russian Journal of Inorganic Chemistry</i> , 2017, 62, 808-813.	0.3	13
78	Synthesis of New Bioinorganic Systems Based on Nitrilium Derivatives of closo-Decaborate Anion and meso-Arylporphyrins with Pendant Amino Groups. <i>Macrocyclics</i> , 2017, 10, 505-509.	0.9	18
79	Ion Selective Potentiometric Sensor Based on Single Crystalline $KTiOPO_4$ for Determination of $K^+$ ions. <i>Procedia Engineering</i> , 2016, 168, 440-443.	1.2	4
80	Hydride lithiation of spinels $LiMn_2O_4$ . <i>Doklady Chemistry</i> , 2016, 471, 330-333.	0.2	2
81	Phase states of $Li(Na,K,Rb,Cs)/M/Mn/SiO_2$ composite catalysts for oxidative coupling of methane. <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 1689-1707.	0.3	7
82	Structure, physicochemical properties, and reactivity of the $[B_9H_9]^{2-}$ anion. <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 1629-1648.	0.3	5
83	Nickel(II) and Iron(II) coordination compounds with octahydrotriborate( $1-$ ) anion $[ML_3]\{B_3H_8\}_2$ ( $M = Ni, Fe$ ). <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 1074-1077.	0.2	4
84	Nucleophilicity of Oximes Based upon Addition to a Nitrilium-closo-Decaborate Cluster. <i>Organometallics</i> , 2016, 35, 3612-3623.	1.1	52
85	$[Co(solv)_6][B_{10}H_{10}]$ ( $solv = DMF$ and $DMSO$ ) for low-temperature synthesis of borides. <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 1125-1134.	0.3	25
86	An interaction of the functionalized closo-borates with albumins: The protein fluorescence quenching and calorimetry study. <i>Journal of Luminescence</i> , 2016, 169, 51-60.	1.5	35
87	Isothermal diagrams of the $Li_2O-MnO-MnO_2$ system. <i>Doklady Chemistry</i> , 2015, 465, 268-271.	0.2	8
88	New method for preparation of sulfanyl derivative of closo-decaborate anion $[B_{10}H_9SH]^{2-}$ . <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 198-202.	0.3	11
89	Synthesis of carbocation salts of boron cluster anions $[B_{10}H_{10}]^{2-}$ and $[B_{12}H_{12}]^{2-}$ . <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 771-775.	0.3	5
90	Cobalt(II) and nickel(II) complexes with 1-methyl-2-pyridin-2-yl-1H- and 1-methyl-2-phenyliminomethyl-1H-benzimidazoles and the closo-decaborate anion. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 817-822.	0.3	21

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91	Reactions of the $[B_{10}H_{10}]^{2-}$ anion with nucleophiles in the presence of halides of group IIIA and IVB elements. Russian Journal of Inorganic Chemistry, 2015, 60, 776-785.	0.3	21
92	The new approach to formation of exo boron-oxygen bonds from the decahydro-closo-decaborate(2-) anion. Polyhedron, 2015, 101, 215-222.	1.0	30
93	Synthesis and magnetic properties of iron(II) closo-borate complexes with tris(3,5-dimethylpyrazol-1-yl)methane. Russian Journal of Inorganic Chemistry, 2015, 60, 786-789.	0.3	16
94	Hydride compounds of zinc. Russian Journal of Inorganic Chemistry, 2014, 59, 1665-1678.	0.3	13
95	The chemistry of the octahydrotriborate anion $[B_3H_8]^-$ . Russian Journal of Inorganic Chemistry, 2014, 59, 1539-1555.	0.3	22
96	Nickel(II) complexes with nitrogen-containing derivatives of the closo-decaborate anion. Russian Chemical Bulletin, 2014, 63, 187-193.	0.4	31
97	Synthesis of amino-containing meso-aryl-substituted porphyrins and their conjugates with the closo-decaborate anion. Russian Chemical Bulletin, 2014, 63, 194-200.	0.4	24
98	Synthesis and reactivity of closo-decaborate anion derivatives with multiple carbon-oxygen bonds. Inorganic Chemistry Communication, 2014, 50, 28-30.	1.8	34
99	Synthesis and properties of meso-arylporphyrin closo-decaborate anion conjugates. Macrocyclics, 2014, 7, 394-400.	0.9	9
100	Reactions of sodium tetrahydroborate with alkyl and aryl halides: A new approach to the synthesis of $B_3H_8^-$ and $B_{12}H_{12}^{2-}$ anions. Russian Journal of Inorganic Chemistry, 2013, 58, 1321-1323.	0.3	12
101	Borylated Tetrazoles from Cycloaddition of Azide Anions to Nitrilium Derivatives of closo-Decaborate Clusters. Organometallics, 2013, 32, 6576-6586.	1.1	30
102	New methods of preparation of hydroxy-closo-decaborates $[B_{10}H_{10}O_n(OH)_n]^{2-}$ ( $n = 1, 2$ ). Russian Journal of Inorganic Chemistry, 2013, 58, 1395-1399.	0.3	12
103	Iron(II) closo-borate complexes with 1,2,4-triazole derivatives: Spin crossover in the iron(II) closo-borate complexes with tris(pyrazol-1-yl)methane. Russian Journal of Inorganic Chemistry, 2013, 58, 650-656.	0.3	20
104	Polydentate ligands based on closo-decaborate anion for the synthesis of gadolinium(III) complexes. Russian Chemical Bulletin, 2013, 62, 1417-1421.	0.4	6
105	Tetrabutylammonium 2-[2,5-dimethyl-3-(4-nitrophenyl)-2,3-dihydro-1,2,4-oxadiazolium-4-yl]nonahydro-closo-decaborate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3284-o3285.	0.2	4
106	Coupling of Azomethine Ylides with Nitrilium Derivatives of closo-Decaborate Clusters: A Synthetic and Theoretical Study. ChemPlusChem, 2012, 77, 1075-1086.	1.3	25
107	Influence of chemical structure on acute toxicity of S-containing derivatives of boron clusters intended for neutron-capture therapy of malignant neoplasms. Pharmaceutical Chemistry Journal, 2012, 46, 536-539.	0.3	0
108	Mechanochemical synthesis of complex hydrides. Russian Journal of Inorganic Chemistry, 2012, 57, 1631-1652.	0.3	10

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109	Potentiometric sensors with membranes based on ionic liquid tetradecylammonium triethylammonio-closo-dodecaborate. <i>Journal of Analytical Chemistry</i> , 2012, 67, 168-171.	0.4	7
110	1,3-Dipolar Cycloaddition of Nitrones to a Nitrile Functionality in closo-Decaborate Clusters: A Novel Reactivity Mode for the Borylated C <sub>10</sub> N Group. <i>Organometallics</i> , 2012, 31, 1716-1724.	1.1	34
111	A new method of synthesis of the B <sub>3</sub> H <sub>8</sub> <sup>-</sup> anion. <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 471-473.	0.3	14
112	First example of the ribbed-functionalized iron(ii) clathrochelate with six pendant closo-borate substituents. <i>Russian Chemical Bulletin</i> , 2011, 60, 2518-2521.	0.4	11
113	Reactions of nucleophilic addition of primary amines to the nitrilium derivative of the closo-decaborate anion [2-B <sub>10</sub> H <sub>9</sub> (N <sup>+</sup> CCH <sub>3</sub> )] <sup>-</sup> . <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 847-855.	0.3	31
114	Cleavage of the cyclic substituent in the [B <sub>10</sub> H <sub>9</sub> O <sub>2</sub> C <sub>4</sub> H <sub>8</sub> ] <sup>-</sup> , [B <sub>10</sub> H <sub>9</sub> OC <sub>4</sub> H <sub>8</sub> ] <sup>-</sup> , and [B <sub>10</sub> H <sub>9</sub> OC <sub>5</sub> H <sub>10</sub> ] <sup>-</sup> anions upon the interaction with negatively charged N-nucleophiles. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 1549-1554.	0.3	20
115	Ion-selective electrodes for the determination of closo-borate anions. <i>Journal of Analytical Chemistry</i> , 2011, 66, 666-669.	0.4	4
116	Derivatives of closo-decaborate anion [B <sub>10</sub> H <sub>10</sub> ] <sub>2</sub> <sup>-</sup> with exo-polyhedral substituents. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 2089-2127.	0.3	121
117	Modern aspects of the chemistry of complex boron and aluminum hydrides. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 2128-2147.	0.3	4
118	A new preparative method for the synthesis of oxonium derivatives of the decahydro-closo-decaborate anion. <i>Russian Chemical Bulletin</i> , 2010, 59, 371-373.	0.4	12
119	Nucleophilic substitution in closo-decaborate [B <sub>10</sub> H <sub>10</sub> ] <sub>2</sub> <sup>-</sup> in the presence of carbocations. <i>Russian Chemical Bulletin</i> , 2010, 59, 550-555.	0.4	14
120	Oxonium derivatives of closo-decaborate in reactions with sulfur-containing nucleophiles. <i>Russian Chemical Bulletin</i> , 2010, 59, 556-559.	0.4	12
121	Nucleophilic addition of alcohols to the C-N multiple bonds of the nitrilium substituent in the anion [2-B <sub>10</sub> H <sub>9</sub> (N <sup>+</sup> CMe)] <sup>-</sup> . <i>Russian Chemical Bulletin</i> , 2009, 58, 1694-1700.	0.4	26
122	Some Aspects Of Producing And Using Boron Compounds. NATO Science for Peace and Security Series C: Environmental Security, 2008, , 449-456.	0.1	2
123	A possibility of using mechanical alloying for developing metal matrix composites with light-weight reinforcements. <i>Journal of Alloys and Compounds</i> , 2007, 434-435, 451-454.	2.8	2
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125	Reactions of the closo-dodecaborate anion B <sub>12</sub> H <sub>12</sub> <sub>2</sub> <sup>-</sup> with hydrogen halides in dichloroethane. <i>Russian Journal of Inorganic Chemistry</i> , 2007, 52, 52-57.	0.3	14
126	Reaction of the closo-decaborate anion B <sub>10</sub> H <sub>10</sub> <sub>2</sub> <sup>-</sup> with dichloroethane in the presence of hydrogen halides. <i>Russian Journal of Inorganic Chemistry</i> , 2007, 52, 996-1001.	0.3	13



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