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List of Publications by Year
in descending order

355 papers	5,527 citations	147786 31 h-index	233409 45 g-index
357 all docs	357 docs citations	357 times ranked	2122 citing authors

#	Article	IF	Citations
1	Derivatives of closo-decaborate anion [B10H10]2âˆ’ with exo-polyhedral substituents. Russian Journal of Inorganic Chemistry, 2010, 55, 2089-2127.	1.3	121
2	Promising ultra-high-temperature ceramic materials for aerospace applications. Russian Journal of Inorganic Chemistry, 2013, 58, 1669-1693.	1.3	113
3	Derivatives of the closo-dodecaborate anion and their application in medicine. Russian Chemical Bulletin, 2002, 51, 1362-1374.	1.5	94
4	Specifics of pyrohydrolytic and solid-phase syntheses of solid solutions in the (MgGa2O4) x (MgFe2O4)1 âˆ’ x system. Russian Journal of Inorganic Chemistry, 2010, 55, 427-429.	1.3	91
5	Systematical analysis of chemical methods in metal nanoparticles synthesis. Theoretical Foundations of Chemical Engineering, 2016, 50, 59-66.	0.7	91
6	Coordination compounds of electron-deficient boron cluster anions B n H n 2âˆ’ (n = 6, 10, 12). Russian Journal of Inorganic Chemistry, 2010, 55, 2148-2202.	1.3	75
7	Silver and Copper Complexes with closo-Polyhedral Borane, Carborane and Metallacarborane Anions: Synthesis and X-ray Structure. Crystals, 2016, 6, 60.	2.2	71
8	Synthesis of highly dispersed super-refractory tantalum-zirconium carbide Ta4ZrC5 and tantalum-hafnium carbide Ta4HfC5 via sol-gel technology. Russian Journal of Inorganic Chemistry, 2011, 56, 1681-1687.	1.3	66
9	Nucleophilicity of Oximes Based upon Addition to a Nitriliumcloso-Decaborate Cluster. Organometallics, 2016, 35, 3612-3623.	2.3	52
10	Mechanism of generation of closo-decaborato amidrazones. Intramolecular non-covalent Bâ€“Hâ‹¯Ï€(Ph) interaction determines stabilization of the configuration around the amidrazone Cî€N bond. New Journal of Chemistry, 2018, 42, 8693-8703.	2.8	52
11	The system LaNi5î—¸H2. Journal of the Less Common Metals, 1988, 144, 23-30.	0.8	45
12	Synthesis, Vaporization and Thermodynamic Properties of Superfine Nd₂Hf₂O₇ and Gd₂Hf₂O₇. European Journal of Inorganic Chemistry, 2013, 2013, 4636-4644.	2.0	44
13	Theoretical QTAIM, ELI-D, and Hirshfeld Surface Analysis of the Cuâ€“(H)B Interaction in [Cu₂(<i>bipy</i>)₂B₁₀H₁₀]. Journal of Physical Chemistry A, 2013, 117, 13138-13150.	2.5	43
14	Coordination chemistry of iron triad metals with organic N-donor ligands and boron cluster anions [B10H10]2âˆ’, [B12H12]2âˆ’, and [B10Cl10]2âˆ’: Complexation and accompanying processes. Russian Journal of Inorganic Chemistry, 2017, 62, 1673-1702.	1.3	43
15	Gas-sensing properties of nanostructured CeO2-xZrO2 thin films obtained by the sol-gel method. Journal of Alloys and Compounds, 2019, 773, 1023-1032.	5.5	40
16	Low-temperature synthesis of nanodispersed titanium, zirconium, and hafnium carbides. Russian Journal of Inorganic Chemistry, 2011, 56, 661-672.	1.3	39
17	Reactivity of boron cluster anions [B10H10]2âˆ’, [B10Cl10]2âˆ’ and [B12H12]2âˆ’ in cobalt(II)/cobalt(III) complexation with 1,10-phenanthroline. Inorganica Chimica Acta, 2015, 428, 154-162.	2.4	38
18	Pen plotter printing of Co3O4 thin films: features of the microstructure, optical, electrophysical and gas-sensing properties. Journal of Alloys and Compounds, 2020, 832, 154957.	5.5	38

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19	Synthesis of BaCe0.9xZrxY0.1O3 nanopowders and the study of proton conductors fabricated on their basis by low-temperature spark plasma sintering. International Journal of Hydrogen Energy, 2019, 44, 20345-20354.	7.1	37
20	Pen plotter printing of ITO thin film as a highly CO sensitive component of a resistive gas sensor. Talanta, 2021, 221, 121455.	5.5	37
21	Copper(I), copper(II), and heterovalent copper(I,II) complexes with 1,10-phenanthroline and the closo -decaborate anion. Inorganica Chimica Acta, 2015, 430, 74-81.	2.4	36
22	Properties of Mg(Fe1 â˜ x Ga x)2O4 + Î´ solid solutions in stable and metastable states. Inorganic Materials, 2010, 46, 429-433.	0.8	35
23	An interaction of the functionalized closo -borates with albumins: The protein fluorescence quenching and calorimetry study. Journal of Luminescence, 2016, 169, 51-60.	3.1	35
24	1,3-Dipolar Cycloaddition of Nitrones to a Nitrile Functionality in closo-Decaborate Clusters: A Novel Reactivity Mode for the Borylated Câ‰¡N Group. Organometallics, 2012, 31, 1716-1724.	2.3	34
25	Synthesis and reactivity of closo -decaborate anion derivatives with multiple carbonâ€“oxygen bonds. Inorganic Chemistry Communication, 2014, 50, 28-30.	3.9	34
26	Low-temperature synthesis of TaC through transparent tantalum-carbon containing gel. Inorganic Materials, 2010, 46, 495-500.	0.8	33
27	Behavior of a sample of the ceramic material HfB2â€“SiC (45 vol %) in the flow of dissociated air and the analysis of the emission spectrum of the boundary layer above its surface. Russian Journal of Inorganic Chemistry, 2015, 60, 1360-1373.	1.3	32
28	Microstructural, electrophysical and gas-sensing properties of CeO2â€“Y2O3 thin films obtained by the sol-gel process. Ceramics International, 2020, 46, 121-131.	4.8	32
29	Microplotter-Printed On-Chip Combinatorial Library of Ink-Derived Multiple Metal Oxides as an â€œElectronic Olfactionâ€•Unit. ACS Applied Materials & Interfaces, 2020, 12, 56135-56150.	8.0	32
30	Structural Diversity of Cationic Copper(II) Complexes with Neutral Nitrogen-Containing Organic Ligands in Compounds with Boron Cluster Anions and Their Derivatives (Review). Russian Journal of Inorganic Chemistry, 2020, 65, 514-534.	1.3	32
31	Synthesis and Composition of Compounds Containing the B₁₀H⁻₁₁Anion. Inorganic Materials, 2004, 40, 144-146.	0.8	31
32	Reactions of nucleophilic addition of primary amines to the nitrilium derivative of the closo-decaborate anion [2-B10H9(Nâ‰¡CCH3)]â˜. Russian Journal of Inorganic Chemistry, 2011, 56, 847-855.	1.3	31
33	Nickel(II) complexes with nitrogen-containing derivatives of the closo-decaborate anion. Russian Chemical Bulletin, 2014, 63, 187-193.	1.5	31
34	Production of HfB2â€“SiC (10â€“65 vol % SiC) Ultra-High-Temperature Ceramics by Hot Pressing of HfB2â€“(SiO2â€“C) Composite Powder Synthesized by the Solâ€–Gel Method. Russian Journal of Inorganic Chemistry, 2018, 63, 1-15.	1.3	31
35	Borylated Tetrazoles from Cycloaddition of Azide Anions to Nitrilium Derivatives of closo-Decaborate Clusters. Organometallics, 2013, 32, 6576-6586.	2.3	30
36	Production of ultrahigh temperature composite materials HfB2-SiC and the study of their behavior under the action of a dissociated air flow. Russian Journal of Inorganic Chemistry, 2013, 58, 1269-1276.	1.3	30

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37	Synthesis, vaporization and thermodynamics of ceramic powders based on the Y2O3â€“ZrO2â€“HfO2 system. Materials Chemistry and Physics, 2015, 153, 78-87.	4.0	30
38	The new approach to formation of exo boronâ€“oxygen bonds from the decahydro-closo-decaborate(2-) anion. Polyhedron, 2015, 101, 215-222.	2.2	30
39	Oxygen detection using nanostructured TiO2 thin films obtained by the molecular layering method. Applied Surface Science, 2019, 463, 197-202.	6.1	30
40	Solidâ€State Reactions of Eicosaborate [B₂₀H₁₈]^{2â^’} Salts and Complexes. Chemistry - A European Journal, 2017, 23, 16819-16828.	3.3	30
41	exo-Polyhedral substitution in B10H 10 2â^’ anion induced by redox reactions in the Cu(I)-B10H 10 2â^’ -L system (L = bipy, bpa). Doklady Chemistry, 2011, 440, 253-256.	0.9	29
42	HfB2-SiC (10â€“20 vol %) ceramic materials: Manufacture and behavior under long-term exposure to dissociated air streams. Russian Journal of Inorganic Chemistry, 2014, 59, 1361-1382.	1.3	29
43	HfB2-SiC (45 vol %) ceramic material: Manufacture and behavior under long-term exposure to dissociated air jet flow. Russian Journal of Inorganic Chemistry, 2014, 59, 1298-1311.	1.3	29
44	Behavior of HfB2-SiC (10, 15, and 20 vol %) ceramic materials in high-enthalpy air flows. Russian Journal of Inorganic Chemistry, 2016, 61, 1203-1218.	1.3	29
45	Preparation of porous SiC-ceramics by solâ€“gel and spark plasma sintering. Journal of Sol-Gel Science and Technology, 2017, 82, 748-759.	2.4	29
46	Study of the Thermal Behavior of Wedge-Shaped Samples of HfB2â€“45 vol % SiC Ultra-High-Temperature Composite in a High-Enthalpy Air Flow. Russian Journal of Inorganic Chemistry, 2018, 63, 421-432.	1.3	29
47	Anionic silver(I) complexes with closo-dodecaborate anion. Russian Journal of Inorganic Chemistry, 2008, 53, 1024-1033.	1.3	28
48	Redox, complexation, and substitution reactions in [Cu2B10H10]-2,2â€²-bipyridylamine-CH3CN system. Russian Journal of Inorganic Chemistry, 2013, 58, 657-663.	1.3	28
49	Reversible single-crystal-to-single-crystal photoisomerization of a silver(<scp>i</scp>) macropolyhedral borane. CrystEngComm, 2015, 17, 8870-8875.	2.6	28
50	Isomerism in complexes with the decahydro- closo -decaborate anion. Polyhedron, 2016, 105, 205-221.	2.2	28
51	Vaporization and thermodynamic properties of lanthanum hafnate. Journal of Alloys and Compounds, 2018, 735, 2348-2355.	5.5	28
52	Impact of a Supersonic Dissociated Air Flow on the Surface of HfB2â€“30 vol % SiC UHTC Produced by the Solâ€“Gel Method. Russian Journal of Inorganic Chemistry, 2018, 63, 1484-1493.	1.3	28
53	Complexation and exopolyhedral substitution of the terminal hydrogen atoms in the decahydro-closo-decaborate anion in the presence of cobalt(II). Polyhedron, 2019, 162, 65-70.	2.2	28
54	Ink-jet printing of a TiO2â€“10%ZrO2 thin film for oxygen detection using a solution of metal alkoxoacetylacetonates. Thin Solid Films, 2019, 670, 46-53.	1.8	28

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55	Microplotter printing of planar solid electrolytes in the CeO2â€“Y2O3 system. Journal of Colloid and Interface Science, 2021, 588, 209-220.	9.4	28
56	Specific interactions in metal salts and complexes with cluster boron anions B n H n 2â¯ (n = 6, 10, 12). Russian Journal of Inorganic Chemistry, 2011, 56, 687-697.	1.3	27
57	Secondary interactions in decachloro-closo-decaborates R2[B10Cl10] (R = Et3NH+, Ph4P+, and) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	27
58	The method for synthesis of 2-sulfanyl closo -decaborate anion and its S -alkyl and S -acyl derivatives. Journal of Organometallic Chemistry, 2017, 828, 106-115.	1.8	27
59	Nucleophilic addition of alcohols to the C-N multiple bonds of the nitrilium substituent in the anion [2-B10H9(Nâ‰¡CMe)]â¯. Russian Chemical Bulletin, 2009, 58, 1694-1700.	1.5	26
60	First heterovalent copper complex with 2,2â€²-dipyridyl and closo-decaborate anion B10H 10 2â¯. Doklady Chemistry, 2011, 437, 79-81.	0.9	26
61	Coupling of Azomethine Ylides with Nitrilium Derivatives of closoâ€Decaborate Clusters: A Synthetic and Theoretical Study. ChemPlusChem, 2012, 77, 1075-1086.	2.8	25
62	Synthesis and structure of disubstituted closo-decaborate anion derivatives Ph4P(2,6-B10H8O2CCH3) and 1,2-B10H8Phen with bifunctional O,Oâ€™- and N,Nâ€™-substituents. Doklady Chemistry, 2013, 452, 240-244.	0.9	25
63	[Co(solv)6][B10H10] (solv = DMF and DMSO) for low-temperature synthesis of borides. Russian Journal of Inorganic Chemistry, 2016, 61, 1125-1134.	1.3	25
64	Decachloro-closo-decaborate anion in copper(II) complexation reactions with N-donor ligands: 35Cl NQR and X-ray studies. Polyhedron, 2017, 127, 238-247.	2.2	25
65	Nucleophilic addition of alcohols to anionic [2-B10H9NCR]â¯ (R = Et, t-Bu): An approach to producing new borylated imidates. Polyhedron, 2017, 123, 176-183.	2.2	25
66	Synthesis and stability studies of derivatives of the 2-sulfanyl-closo-decaborate anion [2-B10H9SH]2â¯. Inorganica Chimica Acta, 2018, 477, 277-283.	2.4	25
67	Behavior of HfB2â€“30â€‰vol% SiC UHTC obtained by solâ€“gel approach in the supersonic airflow. Journal of Sol-Gel Science and Technology, 2019, 92, 386-397.	2.4	25
68	Isomerism in Salts and Complexes with Boron Cluster Anions [B10H10]2â€“ and [B20H18]2â€“. Russian Journal of Inorganic Chemistry, 2020, 65, 335-358.	1.3	25
69	Synthesis of ultrafine yttrium aluminum garnet using sol-gel technology. Russian Journal of Inorganic Chemistry, 2012, 57, 1521-1528.	1.3	24
70	Synthesis of amino-containing meso-aryl-substituted porphyrins and their conjugates with the closo-decaborate anion. Russian Chemical Bulletin, 2014, 63, 194-200.	1.5	24
71	Interaction between a Decahydro-closo-Decaborate(2â€“) Anion and Aliphatic Carboxylic Acids. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 613-619.	1.0	23
72	Synthesis of nanocrystalline silicon carbide using the sol-gel technique. Russian Journal of Inorganic Chemistry, 2013, 58, 1143-1151.	1.3	23

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73	Zinc oxide obtained by the solvothermal method with high sensitivity and selectivity to nitrogen dioxide. Ceramics International, 2020, 46, 7756-7766.	4.8	23
74	Experimental and theoretical determination of the saturation vapor pressure of silicon in a wide range of temperatures. Russian Journal of Inorganic Chemistry, 2010, 55, 2073-2088.	1.3	22
75	Synthesis of Finely Dispersed La2Zr2O7, La2Hf2O7, Gd2Zr2O7 and Gd2Hf2O7 Oxides. Mendeleev Communications, 2013, 23, 17-18.	1.6	22
76	The chemistry of the octahydrotriborate anion [B3H8]â˜. Russian Journal of Inorganic Chemistry, 2014, 59, 1539-1555.	1.3	22
77	Nickel(II) complexes with boron cluster anions [B n H n]2â€“ (n = 10, 12) and azaheterocyclic ligands L (L) Tj ETQq1 1 0.784314 rgBT	1.3	22
78	closo-Dodecaborate Intercalated Yttrium Hydroxide as a First Example of Boron Cluster Anion-Containing Layered Inorganic Substances. Inorganic Chemistry, 2017, 56, 3421-3428.	4.0	22
79	Thin films of the composition 8% Y2O3â€“92% ZrO2 (8YSZ) as gas-sensing materials for oxygen detection. Russian Journal of Inorganic Chemistry, 2017, 62, 695-701.	1.3	22
80	ZrB2/HfB2â€“SiC Ceramics Modified by Refractory Carbides: An Overview. Russian Journal of Inorganic Chemistry, 2019, 64, 1697-1725.	1.3	22
81	Solvent-Induced Encapsulation of Cobalt(II) Ion by a Boron-Capped tris-Pyrazoloximate. Inorganic Chemistry, 2020, 59, 5845-5853.	4.0	22
82	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. Russian Journal of Inorganic Chemistry, 2015, 60, 817-822.	1.3	21
83	Reactions of the [B10H10]2â˜ anion with nucleophiles in the presence of halides of group IIIA and IVB elements. Russian Journal of Inorganic Chemistry, 2015, 60, 776-785.	1.3	21
84	Chaos control in the fractional order logistic map via impulses. Nonlinear Dynamics, 2019, 98, 1219-1230.	5.2	21
85	Vaporization of molecular titanium coordination compoundsâ€”a structuralâ€“thermochemical approach. Thermochimica Acta, 2002, 381, 173-180.	2.7	20
86	Cleavage of the cyclic substituent in the [B10H9O2C4H8]â˜, [B10H9OC4H8]â˜, and [B10H9OC5H10]â˜ anions upon the interaction with negatively charged N-nucleophiles. Russian Journal of Inorganic Chemistry, 2011, 56, 1549-1554.	1.3	20
87	Tetranuclear hydroxo-bridged copper(II) cluster of the Z type: Preparation and structural and		

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91	ZrB2/HfB2â€“SiC Ultra-High-Temperature Ceramic Materials Modified by Carbon Components: The Review. Russian Journal of Inorganic Chemistry, 2018, 63, 1772-1795.	1.3	20
92	Structure and magnetic properties of trinuclear copper(II) complex [Cu 3 (bipy) 6 (Î¼ 3 -CO 3)][B 12 H 12] 2 Â·4.5DMFÂ·2H 2 O. Inorganica Chimica Acta, 2018, 479, 249-253.	2.4	20
93	Production of 8%Y2O3-92%ZrO2 (8YSZ) thin films by sol-gel technology. Russian Journal of Inorganic Chemistry, 2015, 60, 795-803.	1.3	19
94	Glycolâ€“citrate synthesis of ultrafine lanthanum zirconate. Russian Journal of Inorganic Chemistry, 2015, 60, 1452-1458.	1.3	19
95	Silver(I) and Copper(I) Complexation with Decachloro-Closo-Decaborate Anion. Crystals, 2020, 10, 389.	2.2	19
96	Secondary interactions in decachloro-closo-decaborates of alkali metals M2[B10Cl10] (M = K+ and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	18
97	Impact of a Subsonic Dissociated Air Flow on the Surface of HfB2â€“30 vol % SiC UHTC Produced by the Solâ€“Gel Method. Russian Journal of Inorganic Chemistry, 2018, 63, 1345-1355.	1.3	18
98	Obtaining of NiO Nanosheets by a Combination of Solâ€“Gel Technology and Hydrothermal Treatment Using Nickel Acetylacetonate as a Precursor. Russian Journal of Inorganic Chemistry, 2019, 64, 1753-1757.	1.3	18
99	Synthesis and Physicochemical Properties of Binary Cobalt(II) Borides. Thermal Reduction of Precursor Complexes [CoLn][B10H10] (LÂ= H2O, n = 6; N2H4, n = 3). Russian Journal of Inorganic Chemistry, 2019, 64, 1325-1334.	1.3	18
100	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. Polyhedron, 2021, 194, 114902.	2.2	18
101	Oxidation of HfB2-SiC-Ta4HfC5 ceramic material by a supersonic flow of dissociated air. Journal of the European Ceramic Society, 2021, 41, 1088-1098.	5.7	18
102	Synthesis of New Bioinorganic Systems Based on Nitrilium Derivatives of closo-Decaborate Anion and meso-Arylporphyrins with Pendant Amino Groups. Macroheterocycles, 2017, 10, 505-509.	0.5	18
103	Decahydro-closo-decaborate Anion B10H2â€“10as an Acido Lidand in Copper(I) Complexes. Doklady Chemistry, 2001, 378, 139-142.	0.9	17
104	Copper(I) coordination compounds with closo-dodecaborate anion. Russian Journal of Inorganic Chemistry, 2006, 51, 1723-1727.	1.3	17
105	Selectivity problem of SnO2 based materials in the presence of water vapors. Sensors and Actuators B: Chemical, 2012, 170, 51-59.	7.8	17
106	Synthesis, vaporization, and thermodynamics of ultrafine Nd2Hf2O7 powders. Russian Journal of Inorganic Chemistry, 2013, 58, 1-8.	1.3	17
107	Synthesis and structure of [NiL6][B10H10] (L = DMF or DMSO) as precursors for solid-phase synthesis of nickel(II) coordination compounds. Inorganica Chimica Acta, 2016, 451, 129-134.	2.4	17
108	Primary hyperparathyroidism in young patients in Russia: high frequency of hyperparathyroidism-jaw tumor syndrome. Endocrine Connections, 2017, 6, 557-565.	1.9	17

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109	Synthesis and Structure of Mononuclear Copper(II) Complexes with Azaheterocyclic Ligands L (L =) Tj ETQq1 1 0.784314 rgBT /Overlock Inorganic Chemistry, 2019, 64, 1210-1219.	1.3	17
110	Gas-sensing properties of nanostructured TiO2â€“xZrO2 thin films obtained by the solâ€“gel method. Journal of Sol-Gel Science and Technology, 2019, 92, 415-426.	2.4	17
111	Synthesis of One-Dimensional Nanostructures of CeO2â€“10% Y2O3 Oxide by Programmed Coprecipitation in the Presence of Polyvinyl Alcohol. Russian Journal of Inorganic Chemistry, 2019, 64, 1475-1481.	1.3	17
112	Noncovalent Interactions in Compounds Based on Perchlorinated Boron Cluster as Monitored by 35Cl NQR (Review). Russian Journal of Inorganic Chemistry, 2020, 65, 546-566.	1.3	17
113	Title is missing!. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 605-612.	1.0	16
114	Crystal structure of (Î¼5-decahydro-closo-decaborato) (Î¼2-O-dimethylformamide)disilver(I) [Ag2(B10H10)(DMF)]. Crystallography Reports, 2008, 53, 253-256.	0.6	16
115	Behavior of dodecahydro-closo-dodecaborate anion B12H 12 2â^' in reaction with Au(Ph3P)Cl. Russian Journal of Inorganic Chemistry, 2011, 56, 524-529.	1.3	16
116	[2,6(9)-B10H8›(O)2CCH3]â^' and [2,7(8)-B10H8(OC(O)CH3)2]2â^' derivatives in synthesis of position isomers of the [B10H8(OC(O)CH3)(OH)]2â^' anion with the 2,6(9)- and 2,7(8)-arrangement of functional groups. Russian Journal of Inorganic Chemistry, 2014, 59, 1247-1258.	1.3	16
117	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.	1.3	16
118	Preparation of high-porous SiC ceramics from polymeric composites based on diatomite powder. Journal of Materials Science, 2015, 50, 733-744.	3.7	16
119	Preparation of nanostructured thin films of yttrium aluminum garnet (Y3Al5O12) by Solâ€”Gel technology. Russian Journal of Inorganic Chemistry, 2016, 61, 667-673.	1.3	16
120	Phase equilibria involving solid solutions in the Liâ€“Mnâ€“O system. Russian Journal of Inorganic Chemistry, 2017, 62, 551-557.	1.3	16
121	Structural Diversity of Dimer Clusters Based on the Octadecahydro-Eicosaborate Anion. Journal of Structural Chemistry, 2019, 60, 692-712.	1.0	16
122	Nucleophilic Addition Reaction of Secondary Amines to Acetonitrilium closo-Decaborate [2-B10H9NCCH3]â€“. Russian Journal of Inorganic Chemistry, 2019, 64, 841-846.	1.3	16
123	New Synthesis Method of N-Monosubstituted Ammonium-closo-Decaborates. Journal of Cluster Science, 2019, 30, 1327-1333.	3.3	16
124	Synthesis of 1-Naphtylnitrilium closo-Decaborate and Amino Acid Conjugates and Their Photophysical Properties. Russian Journal of Inorganic Chemistry, 2019, 64, 1750-1752.	1.3	16
125	Synthesis, structure, and physicochemical properties of triply-bridged binuclear copper(II) complex [Cu2Phen2(Âµ-CH3CO2)2(Âµ-OH)]2[B10Cl10]. Inorganica Chimica Acta, 2019, 487, 208-213.	2.4	16
126	The effects of subsonic and supersonic dissociated air flow on the surface of ultra-high-temperature HfB2-30 vol% SiC ceramics obtained using the sol-gel method. Journal of the European Ceramic Society, 2020, 40, 1093-1102.	5.7	16

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127	The method for synthesis of 2-sulfonium closo-decaborate anions derivatives with exo-polyhedral aminogroups. Inorganica Chimica Acta, 2020, 507, 119589.	2.4	16
128	Aminoguanidinium closo-Borates and Their Reactions with Copper(II) Salts in Aqueous Solutions. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 373-376.	1.0	15
129	Thermodynamic Analysis of the Production of Silicon Carbide via Silicon Dioxide and Carbon. Materials Science Forum, 2004, 457-460, 59-62.	0.3	15
130	The isomorphous substitution of 2H+ for the Cu2+ cation in the complex of bis(aminoguanidine)copper(II): Crystal structures of (Cu0.61H0.78 Agu 2)B12H12 and (HAgu)2B12H12. Crystallography Reports, 2009, 54, 831-836.	0.6	15
131	Synthesis and properties of calcium hydroxyapatite/silk fibroin organomineral composites. Inorganic Materials, 2017, 53, 333-342.	0.8	15
132	Positional isomers of mononuclear silver(I) anionic complex [Ag(Ph3P)2[B10H10â^'Cl]]â^' (x= 0 or 1) with apically and equatorially coordinated decahydrido-closo-decaborate and 2-chlorononahydrido-closo-decaborate ligands. Polyhedron, 2017, 123, 396-403.	2.2	15
133	Synthesis of nanocrystalline ZnO by the thermal decomposition of [Zn(H2O)(O2C5H7)2] in isoamyl alcohol. Russian Journal of Inorganic Chemistry, 2017, 62, 1415-1425.	1.3	15
134	Sol-gel made titanium dioxide nanostructured thin films as gas-sensing materials for the detection of oxygen. Mendeleev Communications, 2018, 28, 164-166.	1.6	15
135	Nanocrystalline ZnO Obtained by the Thermal Decomposition of [Zn(H2O)(O2C5H7)2] in 1-Butanol: Synthesis and Testing as a Sensing Material. Russian Journal of Inorganic Chemistry, 2018, 63, 1519-1528.	1.3	15
136	Ligand metathesis in copper(I) complex [Cu2(CH3CN)4[B10H10]] to form [Cu2L4[B10H10]] (Lâ€¯=â€¯Ph3P,) Tj ETQq0 0 0 rgBT /Overlo	2.2	15
137	Theoretical study of closo-borate derivatives of general type [BnHn-1COR]2â€“ (nÂ=Â6, 10, 12; RÂ=ÂH, CH3,) Tj ETQq1 1 0.784314 r	2.2	15
138	Formation of Hierarchical NiO Coatings on the Surface of Al2O3 Substrates under Hydrothermal Conditions. Russian Journal of Inorganic Chemistry, 2020, 65, 1292-1297.	1.3	15
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