

Sundargopal Ghosh

List of Publications by Year in descending order

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43973

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all docs

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docs citations

260
times ranked

1755
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Hypoelectronic Rhenaboranes. Analysis of the Geometric and Electronic Structures of Species Following Neither Borane nor Metal Cluster Electron-Counting Paradigms. <i>Journal of the American Chemical Society</i> , 2004, 126, 3203-3217.	6.6	144
2	Ferrocene and Triazole-Appended Rhodamine Based Multisignaling Sensors for Hg ²⁺ and Their Application in Live Cell Imaging. <i>Organometallics</i> , 2015, 34, 1147-1155.	1.1	104
3	Metallaboranes of the Early Transition Metals: Direct Synthesis and Characterization of [(<i>η</i> -5-C ₅ Me ₅)Ta] ₂ BnH _m] (n=4,m=10;n=5,m=11), [(<i>η</i> -5-C ₅ Me ₅)Ta] ₂ B ₅ H ₁₀ (C ₆ H ₄ CH ₃)], and [(<i>η</i> -5-C ₅ Me ₅)TaCl] ₂ B ₅ H ₁₁]. <i>Chemistry - A European Journal</i> , 2008, 14, 9058-9064.	1.7	95
4	Boron Beyond the Icosahedral Barrier: A 16-Vertex Metallaborane. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3222-3226.	7.2	93
5	Borylene-Based Direct Functionalization of Organic Substrates: Synthesis, Characterization, and Photophysical Properties of Novel σ -Conjugated Borirenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 8989-8999.	6.6	90
6	Fine Tuning of Metallaborane Geometries: Chemistry of Metallaboranes of Early Transition Metals Derived from Metal Halides and Monoborane Reagents. <i>Chemistry - A European Journal</i> , 2009, 15, 13483-13490.	1.7	86
7	Reactivity of Diruthenium and Dirhodium Analogues of Pentaborane(9): Agostic versus Boratrane Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2873-2877.	7.2	77
8	From Metallaborane to Borylene Complexes: Syntheses and Structures of Triply Bridged Ruthenium and Tantalum Borylene Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 11357-11366.	1.7	76
9	Sensitive and Selective Redox, Chromogenic, and Turn-On Fluorescent Probe for Pb(II) in Aqueous Environment. <i>Analytical Chemistry</i> , 2013, 85, 1665-1674.	3.2	76
10	Synthesis of [(Cp*Re) ₂ BnH _n] _{n=8-10} : Metal Boride Particles That Stretch the Cluster Structure Paradigms. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1125-1128.	7.2	74
11	A Highly Selective Redox, Chromogenic, and Fluorescent Chemosensor for Hg ²⁺ in Aqueous Solution Based on Ferrocene-Glycine Bioconjugates. <i>Inorganic Chemistry</i> , 2011, 50, 7066-7073.	1.9	73
12	Synthesis and Structural Characterization of New Divanadane and Diniobaboranes Containing Chalcogen Atoms. <i>Chemistry - A European Journal</i> , 2012, 18, 9983-9991.	1.7	73
13	Expansion of iridaborane clusters by addition of monoborane. Novel metallaboranes and mechanistic detail. <i>Dalton Transactions</i> , 2008, , 371-378.	1.6	72
14	Synthesis and Characterization of Bicapped Hexagonal Bipyramidal 2,3-Cl ₂ -1,8-{Cp*Re} ₂ B ₆ H ₄ [(Cp*Re) ₂ (η -6-1,2-B ₆ H ₄ Cl ₂)] ₂ , Cp* = η -5-C ₅ Me ₅ : The Missing Link Connecting (p ^h) Skeletal Electron Pair Hypoelectronic Rhenaboranes and 24-Valence Electron Triple-Decker Complexes. <i>Journal of the American Chemical Society</i> , 2001, 123, 9188-9189.	8.6	71
15	Supraicosahedral Polyhedra in Metallaboranes: Synthesis and Structural Characterization of 12-, 15-, and 16-Vertex Rhodaboranes. <i>Inorganic Chemistry</i> , 2013, 52, 6705-6712.	1.9	71
16	Linked and Fused Tungstaborane Clusters: Synthesis, Characterization, and Electronic Structures of (i)bis-[(η -5-C ₅ Me ₅)W] ₂ B ₅ H ₈ and (i)bis-[(η -5-C ₅ Me ₅)W] ₂ {Fe(CO) ₃ }(i)B ₆ H ₆ (i) = 0, 1. <i>Organometallics</i> , 2007, 26, 5377-5385.	1.1	64
17	Chemistry of Vanadaboranes: Synthesis, Structures, and Characterization of Organovanadium Sulfide Clusters with Disulfido Linkage. <i>Inorganic Chemistry</i> , 2010, 49, 2881-2888.	1.9	64
18	A Novel Coordinated Inorganic Benzene: Synthesis and Characterization of { η -5-C ₅ Me ₅ Re} ₂ (η -6-B ₄ H ₄ Co ₂ (CO) ₅). <i>Journal of the American Chemical Society</i> , 1999, 121, 7451-7452.	6.6	61

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19	Synthesis and Structure of Dirhodium Analogue of Octaborane-12 and Decaborane-14. <i>Inorganic Chemistry</i> , 2012, 51, 10715-10722.	1.9	61
20	Direct insertion of sulfur, selenium and tellurium atoms into metallaborane cages using chalcogen powders. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 945-949.	0.8	60
21	Phenothiazinyl Boranes: A New Class of AIE Luminogens with Mega Stokes Shift, Mechanochromism, and Mechanoluminescence. <i>Chemistry - A European Journal</i> , 2017, 23, 7046-7051.	1.7	60
22	Transition-Metal Variation as a Probe of the Origins of Hypoelectronic Metallaboranes: Eight- and Ten-Vertex Open Ruthenaboranes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4678-4680.	7.2	59
23	An Efficient Route to Group 6 and 8 Metallaborane Compounds: Synthesis of $[\text{Cp}^*\text{Fe}(\text{CO})\text{B}_3\text{H}_8]$ and $[(\text{Cp}^*\text{M})\text{B}_2\text{B}_5\text{H}_9]$ (M = Mo, W). <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1483-1487.	1.0	59
24	Chemistry of Molybdaboranes: Synthesis, Structures, and Characterization of a New Class of Open-Cage Dimolybdaheteroborane Clusters. <i>Inorganic Chemistry</i> , 2010, 49, 7741-7747.	1.9	59
25	Cluster Expansion Reactions of Group 6 and 8 Metallaboranes Using Transition Metal Carbonyl Compounds of Groups 7-9. <i>Inorganic Chemistry</i> , 2011, 50, 5824-5832.	1.9	59
26	Borane Mimics of Classic Organometallic Compounds: $[(\text{Cp}^*\text{Ru})\text{B}_8\text{H}_{14}(\text{RuCp}^*)]_{0,+}$, Isoelectronic Analogues of Dinuclear Pentalene Complexes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6568-6571.	7.2	58
27	Condensed metallaborane clusters: synthesis and structure of $\text{Fe}_2(\text{CO})_6(\text{i-C}_5\text{Me}_5\text{RuCO})(\text{i-C}_5\text{Me}_5\text{Ru})\text{B}_6\text{H}_{10}$. <i>Chemical Communications</i> , 2005, , 3080.	2.2	58
28	Vertex-Fused Metallaborane Clusters: Synthesis, Characterization and Electronic Structure of $[(\text{i-C}_5\text{Me}_5\text{-C}_5\text{Me}_5\text{Me})_3\text{MoB}_9\text{H}_{18}]$. <i>Inorganic Chemistry</i> , 2010, 49, 900-904.	1.9	58
29	Synthesis, Characterization, and Electronic Structure of New Type of Heterometallic Boride Clusters. <i>Inorganic Chemistry</i> , 2011, 50, 9414-9422.	1.9	58
30	Role of the Transition Metal in Metallaborane Chemistry. Reactivity of $(\text{Cp}^*\text{ReH}_2)_2\text{B}_4\text{H}_4$ with BH_3thf , CO, and $\text{Co}_2(\text{CO})_8$. <i>Inorganic Chemistry</i> , 2000, 39, 5373-5382.	1.9	57
31	The Reaction of Cp^*ReH_6 , $\text{Cp}^* = \text{C}_5\text{Me}_5$, with Monoborane to Yield a Novel Rhenaborane. Synthesis and Characterization of arachno- $\text{Cp}^*\text{ReH}_3\text{B}_3\text{H}_8$. <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 808-812.	1.0	57
32	A Family of Heterometallic Cubane-Type Clusters with an <i>exo</i> - $\text{Fe}(\text{CO})_3$ Fragment Anchored to the Cubane. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3908-3911.	7.2	57
33	C-H activation of arenes and heteroarenes by early transition metallaborane, $[(\text{Cp}^*\text{Ta})_2\text{B}_5\text{H}_{11}]$ ($\text{Cp}^* = \text{Tj}$) ETQq1_1.0.784314 rgBT	1.4	56
34	Condensed Tantalaborane Clusters: Synthesis and Structures of $[(\text{Cp}^*\text{Ta})_2\text{B}_5\text{H}_7\{\text{Fe}(\text{CO})_3\}_2]$ and $[(\text{Cp}^*\text{Ta})_2\text{B}_5\text{H}_9\{\text{Fe}(\text{CO})_3\}_4]$. <i>Inorganic Chemistry</i> , 2011, 50, 2445-2449.	1.9	56
35	New Routes to a Series of f-Borane/Borate Complexes of Molybdenum and Ruthenium. <i>Chemistry - A European Journal</i> , 2015, 21, 17191-17195.	1.7	56
36	Metallaboranes of the earlier transition metals. An arachno nine-vertex, nine-skeletal electron pair rhenaborane of novel shape: importance of total vertex connectivities in such systems. <i>Chemical Communications</i> , 2001, , 895-896.	2.2	55

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37	Chlorinated Hypoelectronic Dimetallaborane Clusters: Synthesis, Characterization, and Electronic Structures of $(\eta^5\text{-Cp}^*\text{M})_2\text{B}_5\text{H}_6\text{Cl}_m$ ($\text{M} = \text{Ru, Re}$; $m = 1, 2$). <i>Inorganic Chemistry</i> , 2009, 48, 6509-6516.	1.9	55
38	A Mechanistic Study of the Utilization of $(\eta^5\text{-Cp}^*\text{RuCO})_2\text{B}_2\text{H}_6$ as an Active Alkyne π -Cyclotrimerization Catalyst. <i>Chemistry - A European Journal</i> , 2012, 18, 8482-8489.	1.7	55
39	Symmetrical Scission of the Coordinated Tetraborane in $[(\text{Cp}^*\text{ReH}_2)_2\text{B}_4\text{H}_4]$ on CO Addition and Reassociation of the Coordinated Diboranes on H_2 Loss. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2900-2902.	7.2	54
40	Synthesis and Characterization of $[\text{exo-BH}_2(\text{Cp}^*\text{M})_2\text{B}_9\text{H}_{14}]$ ($\text{M} = \text{Ru, Re}$), and the Conversion of the Ruthenaborane into $[(\text{Cp}^*\text{Ru})_2\text{B}_{10}\text{H}_{16}]$ with an Open Cluster Framework Based on a Capped Truncated Tetrahedron. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2916-2918.	7.2	54
41	Comparison of the geometric and molecular orbital structures of $(\text{Cp}^*\text{Cr})_2\text{B}_4\text{H}_8$ and $(\text{Cp}^*\text{Re})_2\text{B}_4\text{H}_8$, $\text{Cp}^* = \eta^5\text{-C}_5\text{Me}_5$. Structural consequences of delocalized electronic unsaturation in a metallaborane cluster. <i>Journal of Organometallic Chemistry</i> , 2000, 614-615, 92-98.	0.8	53
42	Syntheses and Characterization of New Vinyl π -Borylene Complexes by the Hydroboration of Alkynes with $(\eta^3\text{-C}_3\text{H}_3)(\text{Cp}^*\text{RuCO})_2$ and $(\eta^3\text{-C}_3\text{H}_3)(\text{Cp}^*\text{FeCO})_3$. <i>Chemistry - A European Journal</i> , 2013, 19, 2337-2343.	1.7	53
43	Unusual Organic Chemistry of a Metallaborane Substrate: Formation of a Tantalaborane Complex with a Bridging Acyl Group $(\eta^4\text{-C}_4\text{H}_4)$. <i>Inorganic Chemistry</i> , 2010, 49, 6375-6377.	1.9	52
44	Chemistry of Diruthenium Analogue of Pentaborane(9) With Heterocumulenes: Toward Novel Trimetallic Cubane-Type Clusters. <i>Inorganic Chemistry</i> , 2014, 53, 10527-10535.	1.9	52
45	Unusual Open Eight-Vertex Oxamolybdaboranes: Structural Characterizations of $(\eta^5\text{-C}_5\text{Me}_5\text{Mo})_2\text{B}_5(\eta^3\text{-OEt})\text{H}_6\text{R}$ ($\text{R} = \text{H}$ and $n\text{-BuO}$). <i>Organometallics</i> , 2009, 28, 1586-1589.	1.1	51
46	Synthesis and Characterization of Hypoelectronic Tantalaboranes: Comparison of the Geometric and Electronic Structures of $[(\text{Cp}^*\text{TaX})_2\text{B}_5\text{H}_{11}]$ ($\text{X} = \text{Cl, Br, and I}$). <i>Inorganic Chemistry</i> , 2012, 51, 10176-10184.	1.9	51
47	First-Row Transition-Metal π -Diborane and π -Borylene Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 5074-5083.	1.7	50
48	Theoretical and Experimental Investigations on Hypoelectronic Heterodimetallaboranes of Group 6 Transition Metals. <i>Inorganic Chemistry</i> , 2012, 51, 10375-10383.	1.9	49
49	Triazolyl Alkoxy Fischer Carbene Complexes in Conjugation with Ferrocene/Pyrene as Sensory Units: Multifunctional Chemosensors for Lead(II), Copper(II), and Zinc(II) Ions. <i>Organometallics</i> , 2014, 33, 3096-3107.	1.1	49
50	Electronic and Structural Effects of Stepwise Borylation and Quaternization on Borirene Aromaticity. <i>Journal of the American Chemical Society</i> , 2013, 135, 1903-1911.	6.6	47
51	Synthesis, Structure, Bonding, and Reactivity of Metal Complexes Comprising Diborane(4) and Diborene(2): $[(\text{Cp}^*\text{M}(\text{CO})_2)_2\text{B}_2\text{H}_4(\eta^2\text{-B}_2\text{H}_2)]$ and $[(\text{Cp}^*\text{M}(\text{CO})_2)_2\text{B}_2\text{H}_4\text{M}(\text{CO})_4]$, $\text{M} = \text{Ru, Os}$. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8078-8083.		47
52	Chemistry of Diruthenium and Dirhodium Analogues of Pentaborane(9): Synthesis and Characterization of Metal π -Heterocyclic Carbene and π -Agostic Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 3640-3648.	1.7	46
53	A fine tuning of metallaborane to bridged-boryl complex, $[(\text{Cp}^*\text{Ru})_2(\eta^4\text{-H})(\eta^4\text{-CO})(\eta^4\text{-Bcat})]$ ($\text{cat} = 1,2\text{-O}_2\text{C}_6\text{H}_4$); Tj ETQq1	1.6	10.7843
54	Chemistry of Homo- and Heterometallic Bridged-Borylene Complexes. <i>Organometallics</i> , 2013, 32, 2705-2712.	1.1	40

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55	Chemical Modification of the Metal-Carbene Appendage in New, Trimetallic Adducts of $\text{Fe}_2(\text{CO})_6(\text{E})_4$ (E = S, Se and E = Se, Te) and Alkynyl Fischer Carbene Complexes $(\text{CO})_5\text{MC}(\text{OEt})(\text{C}\equiv\text{CPh})$ (M = Cr, W). <i>Organometallics</i> , 1997, 16, 4392-4398.	1.1	38
56	Recent advances in transition metal diborane(6), diborane(4) and diborene(2) chemistry. <i>Coordination Chemistry Reviews</i> , 2019, 399, 213021.	9.5	38
57	Light-Activated Intercluster Conversion of an Atomically Precise Silver Nanocluster. <i>ACS Nano</i> , 2021, 15, 15781-15793.	7.3	35
58	Novel Class of Heterometallic Cubane and Boride Clusters Containing Heavier Group 16 Elements. <i>Inorganic Chemistry</i> , 2012, 51, 8322-8330.	1.9	34
59	Benzoindolium-triarylborane conjugates: a ratiometric fluorescent chemodosimeter for the detection of cyanide ions in aqueous medium. <i>Dalton Transactions</i> , 2016, 45, 5014-5020.	1.6	34
60	Catecholboryl-functionalized ferrocene based Lewis acid system: A selective probe for fluoride ion through multiple channels. <i>Journal of Organometallic Chemistry</i> , 2012, 715, 129-135.	0.8	33
61	Recent Advances in the Synthesis and Reactivity of Transition Metal f-Borane/Borate Complexes. <i>Accounts of Chemical Research</i> , 2021, 54, 1260-1273.	7.6	33
62	An Efficient Ferrocene Derivative as a Chromogenic, Optical, and Electrochemical Receptor for Selective Recognition of Mercury(II) in an Aqueous Environment. <i>Organometallics</i> , 2012, 31, 819-826.	1.1	32
63	Design, Synthesis, and Chemistry of Bis(f)borate and Agostic Complexes of Group 6-7 Metals. <i>Chemistry - A European Journal</i> , 2017, 23, 9812-9820.	1.7	32
64	Substitution at boron in molybdaborane frameworks: Synthesis and characterization of isomeric $(\text{C}_5\text{Me}_5\text{Mo})_2\text{B}_5\text{H}_n\text{X}_m$ (when X=Cl: n=5, 7, 8; m=4, 2, 1 and X=Me: n=6, 7; m=3, 2). <i>Journal of Organometallic Chemistry</i> , 2009, 694, 237-243.	0.8	30
65	New Heteronuclear Bridged Borylene Complexes That Were Derived from $[\{\text{Cp}^*\text{CoCl}\}_2]$ and Mono-Carbonyl Carbonyl Fragments. <i>Chemistry - A European Journal</i> , 2013, 19, 15219-15225.	1.7	30
66	Beyond the Icosahedron: The Quest for High-Nuclearity Supraicosahedral Metallaboranes. <i>Journal of Cluster Science</i> , 2014, 25, 225-237.	1.7	29
67	HfBCCf_3 Boratallyl Complexes of Ruthenium Comprising an Agostic Interaction. <i>Chemistry - A European Journal</i> , 2016, 22, 7871-7878.	1.7	29
68	Metallaheteroborane clusters of group 5 transition metals derived from dichalcogenide ligands. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3121-3126.	0.8	28
69	Synthesis of triazole linked fluorescent amino acid and carbohydrate bio-conjugates: a highly sensitive and skeleton selective multi-responsive chemosensor for $\text{Cu}(\text{II})$ and $\text{Pb}(\text{II})/\text{Hg}(\text{II})$ ions. <i>RSC Advances</i> , 2014, 4, 1918-1928.	1.7	28
70	Trithia-diborinane and Bis(bridging-boryl) Complexes of Ruthenium Derived from a $[\text{BH}_3(\text{SCH}_3)]^+$ Ion. <i>Inorganic Chemistry</i> , 2019, 58, 2346-2353.	1.9	28
71	Hypoelectronic metallaboranes: Synthesis, structural characterization and electronic structures of metal-rich cobaltaboranes. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 188-196.	0.8	27
72	$[(\text{Cp}_2\text{M})_2\text{B}_9\text{H}_{11}]$ (M = Zr or Hf): early transition metal guarded heptaborane with strong covalent and electrostatic bonding. <i>Chemical Science</i> , 2018, 9, 1976-1981.	3.7	27

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73	Contemporary developments in transition metal boryl complexes: An overview. <i>Coordination Chemistry Reviews</i> , 2021, 446, 214106.	9.5	27
74	Hypoelectronic Dimetallaheteroboranes of Group 6 Transition Metals Containing Heavier Chalcogen Elements. <i>Inorganic Chemistry</i> , 2013, 52, 7923-7932.	1.9	26
75	Multi-stimuli-responsive Organometallic Gels Based on Ferrocene-linked Poly(Aryl Ether) Dendrons: Reversible Redox Switching and Pb ²⁺ ion Sensing. <i>Chemistry - A European Journal</i> , 2014, 20, 9002-9011.	1.7	26
76	Synthesis and sensing properties of 1,1'-disubstituted unsymmetrical ferrocene-triazole derivatives: a multichannel probe for Hg(II) ion. <i>RSC Advances</i> , 2013, 3, 18614.	1.7	25
77	A triazole based triferrocene derivative as a multiresponsive chemosensor for Hg(II) ion and a redox chemosensor for H ₂ PO ₄ ⁻ ion. <i>Journal of Organometallic Chemistry</i> , 2013, 726, 71-78.	0.8	25
78	Novel Triple-Decker Sandwich Complex with a Six-Membered [B ₃ Co ₂ (μ_4 -Te)] Ring as the Middle Deck. <i>Inorganic Chemistry</i> , 2013, 52, 2262-2264.	1.9	24
79	Hydroboration of Alkynes with Zwitterionic Ruthenium-Borate Complexes: Novel Vinylborane Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 11393-11400.	1.7	24
80	Stabilization of Classical [B ₂ H ₅] ⁺ : Structure and Bonding of [(Cp*Ta) ₂ (B ₂ H ₅)(μ_4 -H)L ₂] (Cp* = η^5 -C ₅ Me ₅ ; L = SCH ₂ S). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17684-17689.	7.2	24
81	A Novel Heterometallic μ_9 -Boride Cluster: Synthesis and Structural Characterization of [μ_5 -C ₅ Me ₅ Rh] ₂ {Co ₆ (CO) ₁₂ }(μ_4 -H) ₂ (BH)B]. <i>Inorganic Chemistry</i> , 2014, 53, 667-669.		23
82	Chemistry of N,S-Heterocyclic Carbene and Metallaboratrane Complexes: A New μ_3 -BCC-Borataallyl Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 13732-13738.	1.7	23
83	An electron-poor di-molybdenum triple-decker with a puckered [B ₄ Ru ₂] bridging ring is an oblatoclo cluster. <i>Chemical Communications</i> , 2015, 51, 3828-3831.	2.2	23
84	Synthesis of mono and doubly alkynyl substituted ferrocene and its crystal engineering using a C-H...O supramolecular synthon. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1059-1064.	0.8	22
85	Synthesis, characterization and crystal structure analysis of cobaltaborane and cobaltaheteroborane clusters. <i>Dalton Transactions</i> , 2014, 43, 9976-9985.	1.6	22
86	Metallaboranes from Metal Carbonyl Compounds and Their Utilization as Catalysts for Alkyne Cyclotrimerization. <i>ChemPlusChem</i> , 2014, 79, 546-551.	1.3	22
87	Regioselective Addition of Mixed-Chalcogenide Iron Carbonyl Clusters Fe ₂ (CO) ₆ (μ_4 -EEaE) (E a% Eae, E, Eae = S, I) ETQqI 1 0.7843		
87	Characterization of New Trimetallic Adducts Fe ₂ (CO) ₆ { μ_4 -SC(Ph)C(Te)[(OEt)CCr(CO) ₅], Fe ₂ (CO) ₆ { μ_4 -SC(Ph)C(Se)[(OEt)CW(CO) ₅], and Fe ₂ (CO) ₆ { μ_4 -SeC(Ph)C(Te)[(OEt)CW(CO) ₅]}. <i>Organometallics</i> , 1997, 16, 3536-3540.	1.1	21
88	Trimetallic Cubane-Type Clusters: Transition-Metal Variation as a Probe of the Roots of Hypoelectronic Metallaheteroboranes. <i>Inorganic Chemistry</i> , 2018, 57, 10896-10905.	1.9	21
89	Metal-rich metallaboranes: Clusters containing triply and tetra bridging borylene and boride units. <i>Coordination Chemistry Reviews</i> , 2021, 436, 213796.	9.5	21
90	New Trinuclear Complexes of Group 6, 8, and 9 Metals with a Triply Bridging Borylene Ligand. <i>Chemistry - A European Journal</i> , 2016, 22, 8889-8896.	1.7	19

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91	Hypo-electronic triple-decker sandwich complexes: synthesis and structural characterization of $[(Cp^*Mo)_2\{\frac{1}{4}i\text{-}i\text{-}B_4H_4E-Ru(CO)_3\}]$ (E = S, Se, Te or $Ru(CO)_3$) and $Cp^* = i\text{-}C_5Me_5$. Dalton Transactions, 2016, 45, 10999-11007.	1.6	19
92	Insertion of Ba^*X (X = Cl, SMe ₂) Moieties into Ruthenaborane Frameworks: Synthesis and Characterization of $(i\text{-}5-C_5Me_5Ru)_2(i\text{-}4-H)B_4HmCl_n$, (m, n = 4, 3; 5, 2; 7, 2), closo-1-(SMe ₂)-2,3-(i\text{-}5-C_5Me_5Ru) ₂ (i\text{-}4-H)B ₅ HCl ₃ , and closo-2,3-(i\text{-}5-C_5Me_5Ru) ₂ B ₆ H ₃ Cl ₃ . Organometallics, 2005, 24, 2473-2480.	1.1	18
93	A close-packed boron-rich 11-vertex molybdaborane with novel geometry. Journal of Organometallic Chemistry, 2012, 710, 75-79.	0.8	18
94	Reactivity of CS_2 – Syntheses and Structures of Transition-Metal Species with Dithioformate and Methanedithiolate Ligands. European Journal of Inorganic Chemistry, 2016, 2016, 4913-4920.	1.0	18
95	Five-Membered Ruthenacycles: Ligand-Assisted Alkyne Insertion into 1,3- η -S-Chelated Ruthenium Borate Species. Chemistry - A European Journal, 2019, 25, 13537-13546.	1.7	18
96	A triazole tethered triferrocene derivative as a selective chemosensor for mercury(II) in aqueous environment. Polyhedron, 2013, 52, 1109-1117.	1.0	17
97	A Combined Experimental and Theoretical Study on the Isomers of 2,3,4,5-Tetracarba-nido-Hexaborane(6) Derivatives and Their Photophysical Properties. Chemistry - A European Journal, 2015, 21, 210-218.	1.7	17
98	Hypoelectronic 8-11-Vertex Irida- and Rhodaboranes. Inorganic Chemistry, 2016, 55, 4764-4770.	1.9	17
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240	Impact of the Alkali Metal on the Structural and Dynamic Properties of the Anionic Pentahydride Ruthenium Complexes [M(THF) _x][RuH ₅ (PCy ₃) ₂] (M = Li, Na, K). <i>Organometallics</i> , 2021, 40, 3024-3032.	1.1	0
241	Chemical bonding in oblatonido ditantalaboranes and related compounds. <i>Highlights in Theoretical Chemistry</i> , 2012, , 119-126.	0.0	0
242	Chalcogen stabilized borate complexes of tantalum. <i>Inorganica Chimica Acta</i> , 2022, 530, 120685.	1.2	0