

# Sundargopal Ghosh

## List of Publications by Citations

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244  
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44  
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54  
g-index

260  
ext. papers

5,400  
ext. citations

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L-index

#	Paper	IF	Citations
244	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> , <b>2004</b> , 126, 3203-17	16.4	129
243	Ferrocene and Triazole-Appended Rhodamine Based Multisignaling Sensors for Hg <sup>2+</sup> and Their Application in Live Cell Imaging. <i>Organometallics</i> , <b>2015</b> , 34, 1147-1155	3.8	88
242	Metallaboranes of the Early Transition Metals: Direct Synthesis and Characterization of [{{eta5-C5Me5}Ta}2BnHm] (n=4, m=10; n=5, m=11), [{{eta5-C5Me5}Ta}2B5H10(C6H4CH3)], and [{{eta5-C5Me5}TaCl}2B5H11]. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9058-64	4.8	88
241	Boron beyond the icosahedral barrier: a 16-vertex metallaborane. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 3222-6	16.4	84
240	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> , <b>2009</b> , 15, 13483-90	4.8	81
239	Borylene-based direct functionalization of organic substrates: synthesis, characterization, and photophysical properties of novel pi-conjugated borirenes. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 8989-99	16.4	77
238	From metallaborane to borylene complexes: syntheses and structures of triply bridged ruthenium and tantalum borylene complexes. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 11357-66	4.8	68
237	A highly selective redox, chromogenic, and fluorescent chemosensor for Hg <sup>2+</sup> in aqueous solution based on ferrocene-glycine bioconjugates. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 7066-73	5.1	67
236	Sensitive and selective redox, chromogenic, and "turn-on" fluorescent probe for Pb(II) in aqueous environment. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 1665-74	7.8	66
235	Reactivity of diruthenium and dirhodium analogues of pentaborane(9): agostic versus boratrane complexes. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 2873-7	16.4	65
234	Synthesis and structural characterization of new divanada- and diniobaboranes containing chalcogen atoms. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 9983-91	4.8	65
233	Supraicosahedral polyhedra in metallaboranes: synthesis and structural characterization of 12-, 15-, and 16-vertex rhodaboranes. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 6705-12	5.1	62
232	Synthesis of. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 1125-1128	16.4	62
231	Chemistry of vanadaboranes: synthesis, structures, and characterization of organovanadium sulfide clusters with disulfido linkage. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 2881-8	5.1	61
230	Synthesis and characterization of bicapped hexagonal bipyramidal 2,3-Cl(2)-1,8-[Cp*Re](2)B(6)H(4)[[Cp*Re](2)[mu-eta(6):eta(6)-1,2-B(6)H(4)Cl(2)], Cp* = eta(5)-C(5)Me(5)): the missing link connecting (p - 2) skeletal electron pair hypoelectronic	16.4	60
229	Chemistry of molybdaboranes: synthesis, structures, and characterization of a new class of open-cage dimolybdaheteroborane clusters. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 7741-7	5.1	56
228	Transition-metal variation as a probe of the origins of hypoelectronic metallaboranes: eight- and ten-vertex open ruthenaboranes. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 4678-80	16.4	56

227	Synthesis and structure of dirhodium analogue of octaborane-12 and decaborane-14. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 10715-22	5.1	55
226	Direct insertion of sulfur, selenium and tellurium atoms into metallaborane cages using chalcogen powders. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 945-949	2.3	55
225	Expansion of iridaborane clusters by addition of monoborane. Novel metallaboranes and mechanistic detail. <i>Dalton Transactions</i> , <b>2008</b> , 371-8	4.3	55
224	A mechanistic study of the utilization of arachno-diruthenaborane [(Cp* <i>Ru</i> CO) <sub>2</sub> B <sub>2</sub> H <sub>6</sub> ] as an active alkyne-cyclotrimerization catalyst. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 8482-9	4.8	54
223	Linked and Fused Tungstaborane Clusters: Synthesis, Characterization, and Electronic Structures of bis-[( $\eta$ -C <sub>5</sub> Me <sub>5</sub> W) <sub>2</sub> B <sub>5</sub> H <sub>8</sub> ] <sub>2</sub> and ( $\eta$ -C <sub>5</sub> Me <sub>5</sub> W) <sub>2</sub> {Fe(CO) <sub>3</sub> } <sub>n</sub> B <sub>6</sub> -nH <sub>10</sub> -n, n = 0, 1. <i>Organometallics</i> , <b>2007</b> , 26, 5377-5385	3.8	54
222	A Novel Coordinated Inorganic Benzene: Synthesis and Characterization of {( $\eta$ -C <sub>5</sub> Me <sub>5</sub> Re) <sub>2</sub> [( $\eta$ -B <sub>4</sub> H <sub>4</sub> Co <sub>2</sub> (CO) <sub>5</sub> )]}. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 7451-7452	16.4	53
221	A family of heterometallic cubane-type clusters with an exo-Fe(CO) <sub>3</sub> fragment anchored to the cubane. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 3908-11	16.4	52
220	Cluster expansion reactions of group 6 and 8 metallaboranes using transition metal carbonyl compounds of groups 7-9. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 5824-32	5.1	52
219	C-H activation of arenes and heteroarenes by early transition metallaborane, [(Cp* <i>Ta</i> ) <sub>2</sub> B <sub>5</sub> H <sub>11</sub> ] (Cp* = $\eta$ -C <sub>5</sub> Me <sub>5</sub> ). <i>Chemical Communications</i> , <b>2011</b> , 47, 11996-8	5.8	51
218	Synthesis, characterization, and electronic structure of new type of heterometallic boride clusters. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9414-22	5.1	51
217	Vertex-fused metallaborane clusters: synthesis, characterization and electronic structure of [( $\eta$ -C <sub>5</sub> Me <sub>5</sub> Mo) <sub>3</sub> MoB <sub>9</sub> H <sub>18</sub> ]. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 900-4	5.1	51
216	An Efficient Route to Group 6 and 8 Metallaborane Compounds: Synthesis of arachno-[Cp* <i>Fe</i> (CO)B <sub>3</sub> H <sub>8</sub> ] and closo-[(Cp* <i>M</i> ) <sub>2</sub> B <sub>5</sub> H <sub>9</sub> ] (M = Mo, W). <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1483-1487	2.3	51
215	Condensed metallaborane clusters: synthesis and structure of Fe <sub>2</sub> (CO) <sub>6</sub> ( $\eta$ -C <sub>5</sub> Me <sub>5</sub> RuCO)( $\eta$ -C <sub>5</sub> Me <sub>5</sub> Ru)B <sub>6</sub> H <sub>10</sub> . <i>Chemical Communications</i> , <b>2005</b> , 3080-2	5.8	51
214	Borane mimics of classic organometallic compounds: [(Cp* <i>Ru</i> )B <sub>8</sub> H <sub>14</sub> (RuCp*)] <sub>0,+</sub> , isoelectronic analogues of dinuclear pentalene complexes. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6568-71	16.4	51
213	Role of the transition metal in metallaborane chemistry. Reactivity of (Cp* <i>Re</i> H <sub>2</sub> ) <sub>2</sub> B <sub>4</sub> H <sub>4</sub> with BH <sub>3</sub> .thf, CO, and Co <sub>2</sub> (CO) <sub>8</sub> . <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 5373-82	5.1	51
212	Synthesis and characterization of [exo-BH <sub>2</sub> (Cp* <i>M</i> ) <sub>2</sub> B <sub>9</sub> H <sub>14</sub> ] (M = Ru, Re), and the conversion of the ruthenaborane into [(Cp* <i>Ru</i> ) <sub>2</sub> B <sub>10</sub> H <sub>16</sub> ] with an open cluster framework based on a capped truncated tetrahedron. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 2916-8	16.4	50
211	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> , <b>2001</b> , 895-896	5.8	50
210	Comparison of the geometric and molecular orbital structures of (Cp* <i>Cr</i> ) <sub>2</sub> B <sub>4</sub> H <sub>8</sub> and (Cp* <i>Re</i> ) <sub>2</sub> B <sub>4</sub> H <sub>8</sub> , Cp* = $\eta$ -C <sub>5</sub> Me <sub>5</sub> . Structural consequences of delocalized electronic unsaturation in a metallaborane cluster. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 614-615, 92-98	2.3	49

209	Phenothiazinyl Boranes: A New Class of AIE Luminogens with Mega Stokes Shift, Mechanochromism, and Mechanoluminescence. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 7046-7051	4.8	48
208	Condensed tantalaborane clusters: synthesis and structures of $[(Cp^*Ta)_2B_5H_7\{Fe(CO)_3\}_2]$ and $[(Cp^*Ta)_2B_5H_9\{Fe(CO)_3\}_4]$ . <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 2445-9	5.1	47
207	Chlorinated hypoelectronic dimetallaborane clusters: synthesis, characterization, and electronic structures of $(\eta^5-C_5Me_5W)_2B_5H(n)Cl(m)$ ( $n = 7, m = 2$ and $n = 8, m = 1$ ). <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 6509-16	5.1	47
206	Unusual Open Eight-Vertex Oxamolybdaboranes: Structural Characterizations of $(\eta^5-C_5Me_5Mo)_2B_5(\eta-OEt)H_6R$ ( $R = H$ and $n-BuO$ ). <i>Organometallics</i> , <b>2009</b> , 28, 1586-1589	3.8	47
205	The Reaction of $Cp^*ReH_6$ , $Cp^* = C_5Me_5$ , with Monoborane to Yield a Novel Rhenaborane. Synthesis and Characterization of arachno- $Cp^*ReH_3B_3H_8$ . <i>Collection of Czechoslovak Chemical Communications</i> , <b>2002</b> , 67, 808-812		47
204	Symmetrical Scission of the Coordinated Tetraborane in. <i>Angewandte Chemie - International Edition</i> , <b>2000</b> , 39, 2900-2902	16.4	46
203	Syntheses and characterization of new vinyl-borylene complexes by the hydroboration of alkynes with $[(\eta^5-BH)(Cp^*RuCO)_2(\eta^5-CO)Fe(CO)_3]$ . <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 2337-43	4.8	45
202	Theoretical and experimental investigations on hypoelectronic heterodimetallaboranes of group 6 transition metals. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 10375-83	5.1	44
201	Unusual organic chemistry of a metallaborane substrate: formation of a tantalaborane complex with a bridging acyl group ( $\mu-\eta^2$ ). <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 6375-7	5.1	44
200	New Routes to a Series of $\eta^5$ Borane/Borate Complexes of Molybdenum and Ruthenium. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17191-5	4.8	43
199	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> , <b>2014</b> , 33, 3096-3107	3.8	42
198	Synthesis and characterization of hypoelectronic tantalaboranes: comparison of the geometric and electronic structures of $[(Cp^*TaX)_2B_5H_{11}]$ ( $X = Cl, Br, \text{ and } I$ ). <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 10176-84	5.1	41
197	Chemistry of diruthenium analogue of pentaborane(9) with heterocumulenes: toward novel trimetallic cubane-type clusters. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 10527-35	5.1	38
196	Chemistry of diruthenium and dirhodium analogues of pentaborane(9): synthesis and characterization of metal $n,s$ -heterocyclic carbene and B-agostic complexes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 3640-8	4.8	36
195	Chemical Modification of the Metal-Carbene Appendage in New, Trimetallic Adducts of $Fe_2(CO)_6(\eta^5-E)(\eta^5-E')$ ( $E = S, Se$ and $E' = Se, Te$ ) and Alkynyl Fischer Carbene Complexes $(CO)_5MC(OEt)(C\equiv CPh)$ ( $M = Cr, W$ ). <i>Organometallics</i> , <b>1997</b> , 16, 4392-4398	3.8	36
194	First-row transition-metal-diborane and -borylene complexes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 5074-83	4.8	33
193	Electronic and structural effects of stepwise borylation and quaternization on borirene aromaticity. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 1903-11	16.4	33
192	A fine tuning of metallaborane to bridged-boryl complex, $[(Cp^*Ru)_2(\eta^5-H)(\eta^5-CO)(\eta^5-Cat)]$ ( $cat = 1,2-O_2C_6H_4$ ; $Cp^* = \eta^5-C_5Me_5$ ). <i>Dalton Transactions</i> , <b>2013</b> , 42, 12828-31	4.3	32

191	Chemistry of Homo- and Heterometallic Bridged-Borylene Complexes. <i>Organometallics</i> , <b>2013</b> , 32, 2705-2712	3.8	32
190	An Efficient Ferrocene Derivative as a Chromogenic, Optical, and Electrochemical Receptor for Selective Recognition of Mercury(II) in an Aqueous Environment. <i>Organometallics</i> , <b>2012</b> , 31, 819-826	3.8	31
189	Catecholboryl-functionalized ferrocene based Lewis acid system: A selective probe for fluoride ion through multiple channels. <i>Journal of Organometallic Chemistry</i> , <b>2012</b> , 715, 129-135	2.3	31
188	Benzoindolum-triarylborane conjugates: a ratiometric fluorescent chemodosimeter for the detection of cyanide ions in aqueous medium. <i>Dalton Transactions</i> , <b>2016</b> , 45, 5014-20	4.3	29
187	Novel class of heterometallic cubane and boride clusters containing heavier group 16 elements. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 8322-30	5.1	29
186	Substitution at boron in molybdaborane frameworks: Synthesis and characterization of isomeric $(B_5-C_5Me_5Mo)_2B_5H_nX_m$ (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> , <b>2009</b> , 694, 237-243	2.3	28
185	Design, Synthesis, and Chemistry of Bis(η <sup>5</sup> -borate and Agostic Complexes of Group 7 Metals. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9812-9820	4.8	26
184	Synthesis of triazole linked fluorescent amino acid and carbohydrate bio-conjugates: a highly sensitive and skeleton selective multi-responsive chemosensor for Cu(II) and Pb(II)/Hg(II) ions. <i>RSC Advances</i> , <b>2014</b> , 4, 1918-1928	3.7	26
183	Synthesis, Structure, Bonding, and Reactivity of Metal Complexes Comprising Diborane(4) and Diborene(2): $[(Cp^*Mo(CO))_2(η^2-B_2H_4)]$ and $[(Cp^*M(CO))_2B_2H_4M(CO)]$ , M=Mo,W. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8079-8083	16.4	25
182	A triazole based triferrocene derivative as a multiresponsive chemosensor for Hg(II) ion and a redox chemosensor for H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> ion. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 726, 71-78	2.3	25
181	Beyond the Icosahedron: The Quest for High-Nuclearity Supraicosahedral Metallaboranes. <i>Journal of Cluster Science</i> , <b>2014</b> , 25, 225-237	3	25
180	Hypoelectronic metallaboranes: Synthesis, structural characterization and electronic structures of metal-rich cobaltaboranes. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 749, 188-196	2.3	24
179	Reactivity of Diruthenium and Dirhodium Analogues of Pentaborane(9): Agostic versus Boratrane Complexes. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2917-2921	3.6	23
178	Metallaheteroborane clusters of group 5 transition metals derived from dichalcogenide ligands. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 3121-3126	2.3	23
177	New heteronuclear bridged borylene complexes that were derived from $[(Cp^*CoCl)_2]$ and mono-metal-carbonyl fragments. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 15219-25	4.8	22
176	Synthesis and sensing properties of 1,1'-disubstituted unsymmetrical ferrocene-triazole derivatives: a multichannel probe for Hg(II) ion. <i>RSC Advances</i> , <b>2013</b> , 3, 18614	3.7	22
175	Chemistry of N,S-Heterocyclic Carbene and Metallaboratrane Complexes: A New [(3)-BCC-Borataallyl Complex. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 13732-8	4.8	22
174	Synthesis of mono and doubly alkynyl substituted ferrocene and its crystal engineering using $C_2H_2$ supramolecular synthon. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 1059-1064	2.3	22

- 173 Hypoelectronic dimetallaheteroboranes of group 6 transition metals containing heavier chalcogen elements. *Inorganic Chemistry*, **2013**, 52, 7923-32 5.1 21
- 172 [(4)-HBCC-Borataallyl Complexes of Ruthenium Comprising an Agostic Interaction. *Chemistry - A European Journal*, **2016**, 22, 7871-8 4.8 21
- 171 Multi-stimuli-responsive organometallic gels based on ferrocene-linked poly(aryl ether) dendrons: reversible redox switching and Pb<sup>2+</sup>-ion sensing. *Chemistry - A European Journal*, **2014**, 20, 9002-11 4.8 20
- 170 Hydroboration of Alkynes with Zwitterionic Ruthenium-Borate Complexes: Novel Vinylborane Complexes. *Chemistry - A European Journal*, **2015**, 21, 11393-400 4.8 20
- 169 Regioselective Addition of Mixed-Chalcogenide Iron Carbonyl Clusters Fe<sub>2</sub>(CO)<sub>6</sub>(E)(E')(E''(E, E' = S, Se, Te) to a Carbon-Carbon Triple Bond Activated by a Metal Carbene Fragment. Structural Characterization of New Trimetallic Adducts Fe<sub>2</sub>(CO)<sub>6</sub>{[SC(Ph)C(Te)[(OEt)CCr(CO)5]}, Fe<sub>2</sub>(CO)<sub>6</sub>{[SC(Ph)C(Se)[(OEt)CW(CO)5]}], and Fe<sub>2</sub>(CO)<sub>6</sub>{[SeC(Ph)C(Te)[(OEt)CW(CO)5]}. *Organometallics*, **2015**, 34, 1110-1118 3.8 20
- 168 A novel heterometallic B-boride cluster: synthesis and structural characterization of [(15)-C5Me5Rh)<sub>2</sub>{Co<sub>6</sub>(CO)<sub>12</sub>}(H)(BH)B]. *Inorganic Chemistry*, **2014**, 53, 667-9 5.1 18
- 167 Synthesis, characterization and crystal structure analysis of cobaltaborane and cobaltaheteroborane clusters. *Dalton Transactions*, **2014**, 43, 9976-85 4.3 18
- 166 Metallaboranes from Metal Carbonyl Compounds and Their Utilization as Catalysts for Alkyne Cyclotrimerization. *ChemPlusChem*, **2014**, 79, 546-551 2.8 18
- 165 An electron-poor di-molybdenum triple-decker with a puckered [B<sub>4</sub>Ru<sub>2</sub>] bridging ring is an oblatocloso cluster. *Chemical Communications*, **2015**, 51, 3828-31 5.8 17
- 164 Novel triple-decker sandwich complex with a six-membered [B<sub>3</sub>Co<sub>2</sub>(μ-Te)] ring as the middle deck. *Inorganic Chemistry*, **2013**, 52, 2262-4 5.1 17
- 163 Recent advances in transition metal diborane(6), diborane(4) and diborene(2) chemistry. *Coordination Chemistry Reviews*, **2019**, 399, 213021 23.2 16
- 162 Boron Beyond the Icosahedral Barrier: A 16-Vertex Metallaborane. *Angewandte Chemie*, **2013**, 125, 3304-3308 3.3 16
- 161 Trithia-diborinane and Bis(bridging-boryl) Complexes of Ruthenium Derived from a [BH(SCHS)] Ion. *Inorganic Chemistry*, **2019**, 58, 2346-2353 5.1 15
- 160 Reactivity of CS<sub>2</sub> Syntheses and Structures of Transition-Metal Species with Dithioformate and Methanedithiolate Ligands. *European Journal of Inorganic Chemistry*, **2016**, 2016, 4913-4920 2.3 15
- 159 Trimetallic Cubane-Type Clusters: Transition-Metal Variation as a Probe of the Roots of Hypoelectronic Metallaheteroboranes. *Inorganic Chemistry*, **2018**, 57, 10896-10905 5.1 15
- 158 Click-generated triazole based ferrocene-carbohydrate bioconjugates: A highly selective multisingalling probe for Cu(II) ions. *Journal of Chemical Sciences*, **2012**, 124, 1255-1260 1.8 15
- 157 Synthesis, Structures, and Characterization of Dimeric Neutral Dithiolato-Bridged Tungsten Complexes. *European Journal of Inorganic Chemistry*, **2017**, 2017, 5434-5441 2.3 14
- 156 Electron Precise Group 5 Dimetallaheteroboranes [(CpV(EPh))<sub>2</sub>(BHE)] and [(CpNb(EPh))<sub>2</sub>(BHE)] (E = S or Se). *Inorganic Chemistry*, **2018**, 57, 985-994 5.1 14



155	[(CpM)BH] (M = Zr or Hf): early transition metal <b>Guarded</b> Heptaborane with strong covalent and electrostatic bonding. <i>Chemical Science</i> , <b>2018</b> , 9, 1976-1981	9.4	14
154	A triazole tethered triferrocene derivative as a selective chemosensor for mercury(II) in aqueous environment. <i>Polyhedron</i> , <b>2013</b> , 52, 1109-1117	2.7	14
153	A close-packed boron-rich 11-vertex molybdaborane with novel geometry. <i>Journal of Organometallic Chemistry</i> , <b>2012</b> , 710, 75-79	2.3	14
152	Insertion of BX (X = Cl, SMe <sub>2</sub> ) Moieties into Ruthenaborane Frameworks: Synthesis and Characterization of (B-C5Me5Ru) <sub>2</sub> (H)B <sub>4</sub> H <sub>m</sub> Cl <sub>n</sub> , (m, n = 4, 3; 5, 2; 7, 2), closo-1-(SMe <sub>2</sub> )-2,3-(B-C5Me5Ru) <sub>2</sub> (B-H)B <sub>5</sub> HCl <sub>3</sub> , and closo-2,3-(B-C5Me5Ru) <sub>2</sub> B <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub> . <i>Organometallics</i> , <b>2005</b> , 24, 2473-2480	3.8	14
151	An Unusual Cyclopentaannulation Reaction: Thermolysis of an Unsaturated Fischer Carbene Complex Anchored on a Fe <sub>2</sub> (CO) <sub>6</sub> (Se) <sub>2</sub> Core. <i>Organometallics</i> , <b>1998</b> , 17, 770-772	3.8	14
150	A covalently linked dimer of [Ag(DMBT)]. <i>Chemical Communications</i> , <b>2019</b> , 55, 5025-5028	5.8	13
149	Borate-based ligands with soft heterocycles and their ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 799-800, 132-137	2.3	13
148	A combined experimental and theoretical study on the isomers of 2,3,4,5-tetracarba-nido-hexaborane(6) derivatives and their photophysical properties. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 210-8	4.8	13
147	Extended Sandwich Molecules Displaying Direct Metal-Metal Bonds. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4546-4550	2.3	13
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36	Synthesis and Structure of [Cp*Ru(CO) <sub>2</sub> (H){RuFe <sub>3</sub> (CO) <sub>9</sub> }: An Unusual Mixed-Metal Tetrahedral Cluster with an Exopolyhedral Metal Fragment. <i>Organometallics</i> , <b>2011</b> , 30, 191-194	3.8	2
35	Organometallic Chemistry and Catalysis of Transition Metal Borane Compounds <b>2018</b> , 201-237		2
34	Synthesis, Structure, and Bonding of Bimetallic Bridging Borylene and Boryl Complexes. <i>Organometallics</i> , <b>2020</b> , 39, 4362-4371	3.8	2
33	Metal-Rich Metallaboranes: Synthesis, Structures and Bonding of Bi- and Trimetallic Open-Faced Cobaltaboranes. <i>Inorganics</i> , <b>2021</b> , 9, 28	2.9	2
32	Syntheses and structures of chalcogen-bridged binuclear group 5 and 6 metal complexes. <i>Journal of Chemical Sciences</i> , <b>2019</b> , 131, 1	1.8	2
31	Heterodimetallaboranes of Group 4 and 9 Metals: Analogues of Pentaborane(11) and Hexaborane(12). <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 4452-4458	2.3	1
30	Group 5 Metal-Metal Bonds <b>2015</b> , 91-137		1

29	Phenothiazine-Based Oligo(p-phenylenevinylene): Substituents Affected Self-Assembly, Optical Properties, and Morphology-Induced Transport. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 13213-13222	4.8	1
28	Synthesis and structural characterization of a diruthenium pentalene complex, $[(\eta^5\text{-Cp})_2\text{Ru}(\eta^6\text{-B}_6\text{H}_6)(\eta^5\text{-Cp})_2\text{Ru}]$ . <i>Journal of Chemical Sciences</i> , <b>2018</b> , 130, 1	1.8	1
27	Addition and elimination reactions of H <sub>2</sub> in ruthenaborane clusters: A computational study. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 761, 1-9	2.3	1
26	Synthesis and structural characterization of diruthenium cluster containing germylene ligand. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 731, 18-22	2.3	1
25	Synthesis, Structure and Chemistry of Mono- and Digallane Complexes Supported by N,O-Ketimine Ligand. <i>ChemistrySelect</i> , <b>2017</b> , 2, 7450-7454	1.8	1
24	Dimetallaheteroborane clusters containing group 16 elements: A combined experimental and theoretical study. <i>Journal of Chemical Sciences</i> , <b>2014</b> , 126, 1597-1603	1.8	1
23	Synthesis and characterization of novel eleven-vertex dimetallaheteroborane clusters containing Heavier group 16 elements. <i>Journal of Organometallic Chemistry</i> , <b>2012</b> , 721-722, 42-48	2.3	1
22	Correction to Theoretical and Experimental Investigations on Hypoelectronic Heterodimetallaboranes of Group 6 Transition Metals. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 7305-7305	5.1	1
21	Formation of vinyl ether derivatives in the reaction of tributyltin hydride with cluster supported Fischer carbene complexes: structural characterisation of $[(\text{CO})_6\text{Fe}_2\text{Te}_2\{\text{PhC}(\text{OEt})\text{W}(\text{CO})_5\}]$ . <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 578, 150-154	2.3	1
20	Role of Metals and Thiolate Ligands in the Structures and Electronic Properties of Group 5 Bimetallic-Thiolate Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 12494-12503	5.1	1
19	Chemistry of bimetallic hexaborane(10) analogues: A combined experimental and theoretical study. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 512, 119898	2.7	1
18	Triple-Decker Sandwich Complexes of Tungsten with Planar and Puckered Middle Decks. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 3524-3528	5.1	1
17	Synthesis and reactivity of phosphine borohydride compounds. <i>Chemical Communications</i> , <b>2021</b> , 57, 375-378	3.8	1
16	Stabilization of dichalcogenide ligands in the coordination sphere of a ruthenium system. <i>Dalton Transactions</i> , <b>2021</b> , 50, 12990-13001	4.3	1
15	Synthesis, Structures, and Bonding of Metal-Rich Metallaboranes Comprising Triply Bridging Borylene and Boride Moieties. <i>Organometallics</i> , <b>2021</b> , 40, 529-538	3.8	1
14	Metal-Stabilized [B H] Derivatives with Dodecahedral Structure in the Solid and Solution States: $[(\text{Cp})_2\text{MBH}(\text{B}_6\text{H}_6)]$ (Cp = $\eta^5\text{-C}_5\text{H}_5$ ; M = Zr (1-Zr) and Hf (1-Hf)). <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15634-15637	4.8	1
13	Metal Coordinated Tri- and Tetraborane Analogues. <i>European Journal of Inorganic Chemistry</i> ,	2.3	1
12	Planar triple-decker and capped octahedral clusters of group-6 transition metals. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 952, 122023	2.3	1



11	Chemistry of group 5 metallaboranes with heterocyclic thiol ligands: a combined experimental and theoretical study. <i>Dalton Transactions</i> , <b>2021</b> , 50, 4036-4044	4.3	1
10	Metallaheteroboranes containing group 16 elements: An experimental and theoretical study. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 883, 71-77	2.3	0
9	Substitution at B-H vertices of group 5 metallaborane clusters. <i>Journal of Organometallic Chemistry</i> , <b>2022</b> , 961, 122250	2.3	0
8	Metal Centered comono-Bis(metallaselenaborane): Heterotrimetallic Systems Bearing a Zn(II) Center. <i>Organometallics</i> , <b>2020</b> , 39, 2942-2946	3.8	0
7	Structural and electronic analysis of bimetallic thiolate complexes of group-5 transition metal ions. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 949, 121943	2.3	0
6	Nanovehicles and boron clusters <b>2022</b> , 291-319		0
5	Vertex-Fused Clusters Featuring a Flattened Butterfly. <i>Organometallics</i> ,	3.8	0
4	Chalcogen Stabilized Borate Complexes of Tantalum. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 120685	2.7	
3	Chemical bonding in oblatonido ditantalaboranes and related compounds. <i>Highlights in Theoretical Chemistry</i> , <b>2012</b> , 119-126		
2	Synthesis and characterization of group 6-9 metal-rich homo- and hetero-metallaboranes. <i>Journal of the Indian Chemical Society</i> , <b>2021</b> , 98, 100040		
1	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> , <b>2021</b> , 40, 3024-3032	3.8	