Shubhankar Kumar Bose

List of Publications by Year
in descending order

45	2,438	201674 27	197818 49
papers	citations	h-index	g-index

55	55	55	1121
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in the chemistry of the phosphaethynolate and arsaethynolate anions. Dalton Transactions, 2022, 51, 3778-3806.	3.3	5
2	CeO2â€“nanocubes as efficient and selective catalysts for the hydroboration of carbonyl groups. New Journal of Chemistry, 2021, 45, 15028-15034.	2.8	5
3	Recyclable Copper Nanoparticlesâ€Catalyzed Hydroboration of Alkenes and Î²â€Borylation of Î±,Î²â€Unsaturated Carbonyl Compounds with Bis(Pinacolato)Diboron. Advanced Synthesis and Catalysis, 2021, 363, 2408-2416.	4.3	11
4	First-Row d-Block Element-Catalyzed Carbonâ€“Boron Bond Formation and Related Processes. Chemical Reviews, 2021, 121, 13238-13341.	47.7	163
5	Bonding Relationship between Silicon and Germanium with Group 13 and Heavier Elements of Groups 14â€“16. Chemistry - an Asian Journal, 2020, 15, 3784-3806.	3.3	10
6	Hydroboration of Enynes and Mechanistic Insights. Advanced Synthesis and Catalysis, 2020, 362, 4174-4188.	4.3	20
7	Transition metal chemistry of heavier group 14 congener triple-bonded complexes: syntheses and reactivity. Dalton Transactions, 2020, 49, 17055-17075.	3.3	10
8	Efficient synthesis of alkylboronic esters via magnetically recoverable copper nanoparticle-catalyzed borylation of alkyl chlorides and bromides. Green Chemistry, 2020, 22, 2799-2803.	9.0	16
9	11 Nanocatalyzed Borylation Reactions. , 2020, , .		0
10	Recent advances in the catalytic hydroboration of carbonyl compounds. Catalysis Science and Technology, 2019, 9, 3307-3336.	4.1	150
11	A nano-catalytic approach for Câ€“B bond formation reactions. Organic and Biomolecular Chemistry, 2018, 16, 857-873.	2.8	29
12	Reusable Fe₂O₃-nanoparticle catalysed efficient and selective hydroboration of carbonyl compounds. Organic Chemistry Frontiers, 2018, 5, 3520-3525.	4.5	22
13	Acylboranes: synthetic strategies and applications. Organic and Biomolecular Chemistry, 2017, 15, 1738-1752.	2.8	62
14	Highly Efficient Synthesis of Alkylboronate Esters via Cu(II)-Catalyzed Borylation of Unactivated Alkyl Bromides and Chlorides in Air. ACS Catalysis, 2016, 6, 8332-8335.	11.2	118
15	Zincâ€Catalyzed Dual Câ€“X and Câ€“H Borylation of Aryl Halides. Angewandte Chemie - International Edition, 2015, 54, 11843-11847.	13.8	123
16	A leap ahead for activating C-H bonds. Science, 2015, 349, 473-474.	12.6	54
17	Iridium-Catalyzed Borylation of Pyrene: Irreversibility and the Influence of Ligand on Selectivity. Journal of Organic Chemistry, 2015, 80, 661-665.	3.2	42
18	Zincâ€Catalyzed Borylation of Primary, Secondary and Tertiary Alkyl Halides with Alkoxy Diboron Reagents at Room Temperature. Angewandte Chemie - International Edition, 2014, 53, 1799-1803.	13.8	204

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19	Efficient Synthesis of Aryl Boronates via Zinc-Catalyzed Cross-Coupling of Alkoxy Diboron Reagents with Aryl Halides at Room Temperature. Organic Letters, 2014, 16, 4562-4565.	4.6	102
20	Correction to Theoretical and Experimental Investigations on Hypoelectronic Heterodimetallaboranes of Group 6 Transition Metals. Inorganic Chemistry, 2013, 52, 7305-7305.	4.0	1
21	Boron Beyond the Icosahedral Barrier: A 16â€Vertex Metallaborane. Angewandte Chemie - International Edition, 2013, 52, 3222-3226.	13.8	93
22	Syntheses and Characterization of New Vinylâ€Borylene Complexes by the Hydroboration of Alkynes with [(Î¼₃â€BH)(Cp*RuCO)₂(Î¼â€CO)Fe(CO)₃]. Chemistry - A European Journal, 2013, 19, 2337-2343.	3.3	53
23	Heterometallic cubane-type clusters containing group 13 and 16 elements. Pure and Applied Chemistry, 2012, 84, 2233-2241.	1.9	5
24	Theoretical and Experimental Investigations on Hypoelectronic Heterodimetallaboranes of Group 6 Transition Metals. Inorganic Chemistry, 2012, 51, 10375-10383.	4.0	49
25	An eleven-vertex metallaborane with tetracapped pentagonal bipyramidal geometry. Dalton Transactions, 2012, 41, 3627.	3.3	5
26	Synthesis and Structure of Dirhodium Analogue of Octaborane-12 and Decaborane-14. Inorganic Chemistry, 2012, 51, 10715-10722.	4.0	61
27	Synthesis and characterization of novel eleven-vertex dimetallaheteroborane clusters containing Heavier group 16 elements. Journal of Organometallic Chemistry, 2012, 721-722, 42-48.	1.8	3
28	Synthesis and Structural Characterization of New Divanadaâ€•and Diniobaboranes Containing Chalcogen Atoms. Chemistry - A European Journal, 2012, 18, 9983-9991.	3.3	73
29	Synthesis and Structure of [Cp*Ru(CO)₂(Î¼-H){RuFe₃(CO)₉}]: An Unusual Mixed-Metal Tetrahedral Cluster with an Exopolyhedral Metal Fragment. Organometallics, 2011, 30, 191-194.	2.3	2
30	Cluster Expansion Reactions of Group 6 and 8 Metallaboranes Using Transition Metal Carbonyl Compounds of Groups 7â€“9. Inorganic Chemistry, 2011, 50, 5824-5832.	4.0	59
31	Novel 11-Vertex, 11-Skeletal Electron Pair Tantalaborane of Unusual Shape. Organometallics, 2011, 30, 4788-4791.	2.3	8
32	Câ€“H activation of arenes and heteroarenes by early transition metallaborane, [(Cp*Ta)2B5H11] (Cp* =) Tj ETQq0 0 0 rgBT /Overlock 1	4.1	56
33	Synthesis, Characterization, and Electronic Structure of New Type of Heterometallic Boride Clusters. Inorganic Chemistry, 2011, 50, 9414-9422.	4.0	58
34	Metallaheteroborane clusters of group 5 transition metals derived from dichalcogenide ligands. Journal of Organometallic Chemistry, 2011, 696, 3121-3126.	1.8	28
35	Condensed Tantalaborane Clusters: Synthesis and Structures of [(Cp*Ta)₂B₅H₇{Fe(CO)₃}₂] and [(Cp*Ta)₂B₅H₉{Fe(CO)₃}₄]. Inorganic Chemistry, 2011, 50, 2445-2449.	4.0	56
36	A new entry into ferraborane chemistry: Synthesis and characterization of heteroferraborane complexes. Inorganica Chimica Acta, 2011, 372, 42-46.	2.4	12

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37	A Family of Heterometallic Cubaneâ€Type Clusters with an exoâ€Fe(CO)₃ Fragment Anchored to the Cubane. Angewandte Chemie - International Edition, 2011, 50, 3908-3911.	13.8	57
38	From Metallaborane to Borylene Complexes: Syntheses and Structures of Triply Bridged Ruthenium and Tantalum Borylene Complexes. Chemistry - A European Journal, 2010, 16, 11357-11366.	3.3	76
39	Ring expansion of a Cp moiety upon CO insertion: Synthesis and characterization of [(Î·6-C6H5OCo)Co3(CO)9]. Journal of Organometallic Chemistry, 2010, 695, 2567-2571.	1.8	4
40	Chemistry of Vanadaboranes: Synthesis, Structures, and Characterization of Organovanadium Sulfide Clusters with Disulfido Linkage. Inorganic Chemistry, 2010, 49, 2881-2888.	4.0	64
41	Unusual Organic Chemistry of a Metallaborane Substrate: Formation of a Tantalaborane Complex with a Bridging Acyl Group (Î¼-Î·²). Inorganic Chemistry, 2010, 49, 6375-6377.	4.0	52
42	Fine Tuning of Metallaborane Geometries: Chemistry of Metallaboranes of Early Transition Metals Derived from Metal Halides and Monoborane Reagents. Chemistry - A European Journal, 2009, 15, 13483-13490.	3.3	86
43	An Efficient Route to Group 6 and 8 Metallaborane Compounds: Synthesis of arachnoâ€[Cp*Fe(CO)B₃H₈] and closoâ€[(Cp*M)₂B₅H₉] (M = Mo, W). European Journal of Inorganic Chemistry, 2009, 2009, 1483-1487.	2.0	59
44	Metallaboranes of the Early Transition Metals: Direct Synthesis and Characterization of [{(Î·5-C5Me5)Ta}2BnHm] (n=4,m=10;n=5,m=11), [{(Î·5-C5Me5)Ta}2B5H10(C6H4CH3)], and [{(Î·5-C5Me5)TaCl}2B5H11]. Chemistry - A European Journal, 2008, 14, 9058-9064.	3.3	95
45	Linked and Fused Tungstaborane Clusters:â€‰ Synthesis, Characterization, and Electronic Structures of bis-{(Î·⁵-C₅Me₅W)₂B₅H₈}₂ and (Î·⁵-C₅Me₅W)₂{Fe(CO)₃}_nB₆₋_n n = 0, 1. Organometallics, 2007, 26, 5377-5385.	2.3	64