

Dipak Kumar Roy

List of Publications by Year in descending order

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41
papers

1,229
citations

394286

19
h-index

377752

34
g-index

45
all docs

45
docs citations

45
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments in Azaborine Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4353-4368.	1.0	170
2	Boron Beyond the Icosahedral Barrier: A 16-Vertex Metallaborane. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3222-3226.	7.2	93
3	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
4	Synthesis and Structural Characterization of New Divanada- and Diniobaboranes Containing Chalcogen Atoms. <i>Chemistry - A European Journal</i> , 2012, 18, 9983-9991.	1.7	73
5	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
6	Synthesis and Structure of Dirhodium Analogue of Octaborane-12 and Decaborane-14. <i>Inorganic Chemistry</i> , 2012, 51, 10715-10722.	1.9	61
7	New Routes to a Series of μ -Borane/Borate Complexes of Molybdenum and Ruthenium. <i>Chemistry - A European Journal</i> , 2015, 21, 17191-17195.	1.7	56
8	Syntheses and Characterization of New Vinyl-Borylene Complexes by the Hydroboration of Alkynes with $[(\eta^5-C_5H_5)(Cp^*RuCO)_2](\eta^5-C_5H_5)Fe(CO)_3$. <i>Chemistry - A European Journal</i> , 2013, 19, 2337-2343.	1.7	53
9	Chemistry of Diruthenium and Dirhodium Analogues of Pentaborane(9): Synthesis and Characterization of Metal N-Heterocyclic Carbene and μ -Agostic Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 3640-3648.	1.7	46
10	A fine tuning of metallaborane to bridged-boryl complex, $[(Cp^*Ru)_2(\eta^5-H)(\eta^5-CO)(\eta^5-Bcat)]$ (cat = 1,2-O ₂ C ₆ H ₄); 1.6×10^4 rgBT/O	1.6	40
11	Chemistry of Homo- and Heterometallic Bridged-Borylene Complexes. <i>Organometallics</i> , 2013, 32, 2705-2712.	1.1	40
12	New Outcomes of Beryllium Chemistry: Lewis Base Adducts for Salt Elimination Reactions. <i>Inorganic Chemistry</i> , 2019, 58, 2652-2658.	1.9	34
13	Recent Advances in the Synthesis and Reactivity of Transition Metal μ -Borane/Borate Complexes. <i>Accounts of Chemical Research</i> , 2021, 54, 1260-1273.	7.6	33
14	New Heteronuclear Bridged Borylene Complexes That Were Derived from $[(Cp^*CoCl)_2]$ and Mono-Metal Carbonyl Fragments. <i>Chemistry - A European Journal</i> , 2013, 19, 15219-15225.	1.7	30
15	Beyond the Icosahedron: The Quest for High-Nuclearity Supraicosahedral Metallaboranes. <i>Journal of Cluster Science</i> , 2014, 25, 225-237.	1.7	29
16	Isolation and Reactivity of an Antiaromatic s-Block Metal Compound. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3812-3819.	7.2	24
17	A Novel Heterometallic μ_3 -Boride Cluster: Synthesis and Structural Characterization of $[(\eta^5-C_5Me_5)_5Rh]_2\{Co_6(CO)_{12}\}(\eta^5-H)(\eta^5-B)$. <i>Inorganic Chemistry</i> , 2014, 53, 667-669.	2.3	23
18	Chemistry of N-Heterocyclic Carbene and Metallaboratrane Complexes: A New μ_3 -Borataallyl Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 13732-13738.	1.7	23

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19	Hypoelectronic 8-Vertex Irida- and Rhodaboranes. <i>Inorganic Chemistry</i> , 2016, 55, 4764-4770.	1.9	17
20	Reactivity of Dirhodium Analogues of Octaborane-12 and Decaborane-14 towards Transition-Metal Moieties. <i>Organometallics</i> , 2013, 32, 1964-1970.	1.1	16
21	Novel Neutral Zirconaborane [(Cp ₂ Zr)2B ₅ H ₁₁]: An arachno-B ₃ H ₉ Analogue (Cp = η^5 -C ₅ H ₅). <i>Organometallics</i> , 2015, 34, 908-912.	1.1	16
22	Borate-based ligands with soft heterocycles and their ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 132-137.	0.8	15
23	Selective one- and two-electron reductions of a haloborane enabled by a π -withdrawing carbene ligand. <i>Chemical Communications</i> , 2018, 54, 9015-9018.	2.2	14
24	Steric Effects Dictate the Formation of Terminal Arylborylene Complexes of Ruthenium from Dihydroboranes. <i>Chemistry - A European Journal</i> , 2019, 25, 13566-13571.	1.7	14
25	First Bis(η^6)borane Complexes of Group 6 Transition Metals: Experimental and Theoretical Studies. <i>Chemistry - A European Journal</i> , 2019, 25, 8585-8589.	1.7	12
26	Synthesis and structural characterization of group 5 dimetallaheteroboranes. <i>Journal of Organometallic Chemistry</i> , 2013, 747, 249-253.	0.8	11
27	An Early-Late Transition Metal Hybrid Analogue of Hexaborane(12). <i>Organometallics</i> , 2013, 32, 4618-4623.	1.1	10
28	Chemistry of group 9 dimetallaborane analogues of octaborane(12). <i>Dalton Transactions</i> , 2015, 44, 669-676.	1.6	9
29	Toward Transition-Metal-Templated Construction of Arylated B ₄ Chains by Dihydroborane Dehydrocoupling. <i>Chemistry - A European Journal</i> , 2019, 25, 16544-16549.	1.7	9
30	Transition-metal variation as a probe into the catalytic activity of metallaboranes. <i>Journal of Organometallic Chemistry</i> , 2013, 733, 79-81.	0.8	8
31	Chemistry of early and late transition metallaboranes: synthesis and structural characterization of periodinated dimolybdaborane [(Cp*Mo) ₂ B ₄ H ₃ l ₅]. <i>Pure and Applied Chemistry</i> , 2015, 87, 195-204.	0.9	8
32	Homometallic Cubane Clusters: Participation of Three-Coordinated Hydrogen in 60-Valence Electron Cubane Core. <i>Inorganic Chemistry</i> , 2015, 54, 8673-8678.	1.9	8
33	Fused metallaborane clusters of group 9 and 8 transition metals. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 242-247.	0.8	7
34	Synthesis and Characterization of Bis(σ)borate and Bis-zwitterionic Complexes of Rhodium and Iridium. <i>ChemistrySelect</i> , 2016, 1, 3757-3761.	0.7	7
35	Isolierung und Reaktivit�t eines σ -Block-Metall-Antiaromaten. <i>Angewandte Chemie</i> , 2021, 133, 3856-3863.	1.6	6
36	Chemistry of Rh-N,S heterocyclic carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 811, 8-13.	0.8	5

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37	Heterodimetallaboranes of Group 4 and 9 Metals: Analogues of Pentaborane(11) and Hexaborane(12). European Journal of Inorganic Chemistry, 2017, 2017, 4452-4458.	1.0	5
38	Synthesis, Characterization and Electronic Structures of Rh and Co analogs of Decaborane-14. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2014, 84, 121-130.	0.8	4
39	Mixed-metal chalcogenide tetrahedral clusters with an exo-polyhedral metal fragment. Dalton Transactions, 2014, 43, 17184-17190.	1.6	3
40	Synthesis and structural characterization of diruthenium cluster containing germylene ligand. Journal of Organometallic Chemistry, 2013, 731, 18-22.	0.8	2
41	Cover Feature: Recent Developments in Azaborinine Chemistry (Eur. J. Inorg. Chem. 38â€³9/2017). European Journal of Inorganic Chemistry, 2017, 2017, 4347-4347.	1.0	0