

Dipak Kumar Roy

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4098576/dipak-kumar-roy-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

963
citations

17
h-index

30
g-index

45
ext. papers

1,133
ext. citations

5
avg, IF

4.38
L-index

#	Paper	IF	Citations
44	Isolierung und Reaktivität eines s-Block-Metall-Antiaromaten. <i>Angewandte Chemie</i> , 2021 , 133, 3856-3863	3.6	5
43	Isolation and Reactivity of an Antiaromatic s-Block Metal Compound. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3812-3819	16.4	11
42	Recent Advances in the Synthesis and Reactivity of Transition Metal σ -Borane/Borate Complexes. <i>Accounts of Chemical Research</i> , 2021 , 54, 1260-1273	24.3	8
41	New Outcomes of Beryllium Chemistry: Lewis Base Adducts for Salt Elimination Reactions. <i>Inorganic Chemistry</i> , 2019 , 58, 2652-2658	5.1	27
40	First Bis(σ -borane Complexes of Group 6 Transition Metals: Experimental and Theoretical Studies. <i>Chemistry - A European Journal</i> , 2019 , 25, 8585-8589	4.8	7
39	Steric Effects Dictate the Formation of Terminal Arylborylene Complexes of Ruthenium from Dihydroboranes. <i>Chemistry - A European Journal</i> , 2019 , 25, 13566-13571	4.8	8
38	Toward Transition-Metal-Templated Construction of Arylated B Chains by Dihydroborane Dehydrocoupling. <i>Chemistry - A European Journal</i> , 2019 , 25, 16544	4.8	5
37	Selective one- and two-electron reductions of a haloborane enabled by a σ -withdrawing carbene ligand. <i>Chemical Communications</i> , 2018 , 54, 9015-9018	5.8	7
36	Heterodimetallaboranes of Group 4 and 9 Metals: Analogues of Pentaborane(11) and Hexaborane(12). <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4452-4458	2.3	1
35	Cover Feature: Recent Developments in Azaborinine Chemistry (Eur. J. Inorg. Chem. 38-39/2017). <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4347-4347	2.3	
34	Recent Developments in Azaborinine Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4353-4368	2.3	125
33	Synthesis and Characterization of Bis(σ -borate and Bis σ -zwitterionic Complexes of Rhodium and Iridium. <i>ChemistrySelect</i> , 2016 , 1, 3757-3761	1.8	5
32	Chemistry of Rh-N,S heterocyclic carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2016 , 811, 8-13	2.3	5
31	Hypoelectronic 8-11-Vertex Irida- and Rhodaboranes. <i>Inorganic Chemistry</i> , 2016 , 55, 4764-70	5.1	11
30	Borate-based ligands with soft heterocycles and their ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2015 , 799-800, 132-137	2.3	13
29	Group 5 Metal-Metal Bonds 2015 , 91-137		1
28	Homometallic Cubane Clusters: Participation of Three-Coordinated Hydrogen in 60-Valence Electron Cubane Core. <i>Inorganic Chemistry</i> , 2015 , 54, 8673-8	5.1	6

27	Chemistry of N,S-Heterocyclic Carbene and Metallaboratrane Complexes: A New (B)-BCC-Borataallyl Complex. <i>Chemistry - A European Journal</i> , 2015 , 21, 13732-8	4.8	22
26	New Routes to a Series of EBorane/Borate Complexes of Molybdenum and Ruthenium. <i>Chemistry - A European Journal</i> , 2015 , 21, 17191-5	4.8	43
25	Chemistry of early and late transition metallaboranes: synthesis and structural characterization of periodinated dimolybdaborane [(Cp*Mo)2B4H3I5]. <i>Pure and Applied Chemistry</i> , 2015 , 87, 195-204	2.1	5
24	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> , 2015 , 21, 3640-8	4.8	36
23	Chemistry of group 9 dimetallaborane analogues of octaborane(12). <i>Dalton Transactions</i> , 2015 , 44, 669-763	4.3	6
22	Novel Neutral Zirconaborane [(Cp2Zr)2B5H11]: An arachno-B3H9 Analogue (Cp = B-C5H5). <i>Organometallics</i> , 2015 , 34, 908-912	3.8	13
21	Reactivity of diruthenium and dirhodium analogues of pentaborane(9): agostic versus boratrane complexes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2873-7	16.4	65
20	Synthesis, Characterization and Electronic Structures of Rh and Co analogs of Decaborane-14. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2014 , 84, 121-130	0.9	4
19	A novel heterometallic B-boride cluster: synthesis and structural characterization of [(B)-C5Me5Rh)2{Co6(CO)12}(H)(BH)B]. <i>Inorganic Chemistry</i> , 2014 , 53, 667-9	5.1	18
18	Fused metallaborane clusters of group 9 and 8 transition metals. <i>Journal of Organometallic Chemistry</i> , 2014 , 772-773, 242-247	2.3	5
17	Reactivity of Diruthenium and Dirhodium Analogues of Pentaborane(9): Agostic versus Boratrane Complexes. <i>Angewandte Chemie</i> , 2014 , 126, 2917-2921	3.6	23
16	Mixed-metal chalcogenide tetrahedral clusters with an exo-polyhedral metal fragment. <i>Dalton Transactions</i> , 2014 , 43, 17184-90	4.3	3
15	Beyond the Icosahedron: The Quest for High-Nuclearity Supraicosahedral Metallaboranes. <i>Journal of Cluster Science</i> , 2014 , 25, 225-237	3	25
14	An Early/Late Transition Metal Hybrid Analogue of Hexaborane(12). <i>Organometallics</i> , 2013 , 32, 4618-4623	3.8	7
13	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, 15219-25	4.8	22
12	Transition-metal variation as a probe into the catalytic activity of metallaboranes. <i>Journal of Organometallic Chemistry</i> , 2013 , 733, 79-81	2.3	7
11	A fine tuning of metallaborane to bridged-boryl complex, [(Cp*Ru)2(H)(ECO)(EBcat)] (cat = 1,2-O2C6H4; Cp* = B-C5Me5). <i>Dalton Transactions</i> , 2013 , 42, 12828-31	4.3	32
10	Synthesis and structural characterization of group 5 dimetallaheteroboranes. <i>Journal of Organometallic Chemistry</i> , 2013 , 747, 249-253	2.3	9

9	Synthesis and structural characterization of diruthenium cluster containing germylene ligand. <i>Journal of Organometallic Chemistry</i> , 2013 , 731, 18-22	2.3	1
8	Chemistry of Homo- and Heterometallic Bridged-Borylene Complexes. <i>Organometallics</i> , 2013 , 32, 2705-2712	3.8	32
7	Supraicosahedral polyhedra in metallaboranes: synthesis and structural characterization of 12-, 15-, and 16-vertex rhodaboranes. <i>Inorganic Chemistry</i> , 2013 , 52, 6705-12	5.1	62
6	Boron beyond the icosahedral barrier: a 16-vertex metallaborane. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 3222-6	16.4	84
5	Reactivity of Dirhodium Analogues of Octaborane-12 and Decaborane-14 towards Transition-Metal Moieties. <i>Organometallics</i> , 2013 , 32, 1964-1970	3.8	12
4	Syntheses and characterization of new vinyl-borylene complexes by the hydroboration of alkynes with [(B-BH)(Cp* <i>RuCO</i>) ₂ (<i>ECO</i>)Fe(CO) ₃]. <i>Chemistry - A European Journal</i> , 2013 , 19, 2337-43	4.8	45
3	Boron Beyond the Icosahedral Barrier: A 16-Vertex Metallaborane. <i>Angewandte Chemie</i> , 2013 , 125, 3304-3308	3.8	16
2	Synthesis and structure of dirhodium analogue of octaborane-12 and decaborane-14. <i>Inorganic Chemistry</i> , 2012 , 51, 10715-22	5.1	55
1	Synthesis and structural characterization of new divanada- and diniobaboranes containing chalcogen atoms. <i>Chemistry - A European Journal</i> , 2012 , 18, 9983-91	4.8	65