

Babulal Das

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

458
citations

623734

14
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot synthesis of 3-substituted-3-hydroxyindolin-2-ones: three component coupling of <i>N</i> -protected isatin, aryne precursor and 1,3-cyclodione under metal-free conditions. <i>New Journal of Chemistry</i> , 2021, 46, 86-96.	2.8	3
2	Phosphine-free pincer-ruthenium catalyzed biofuel production: high rates, yields and turnovers of solventless alcohol alkylation. <i>Catalysis Science and Technology</i> , 2020, 10, 8347-8358.	4.1	22
3	<i>tert</i> -Butylhydroperoxide (TBHP) mediated oxidative cross-dehydrogenative coupling of quinoxalin-2(1H)-ones with 4-hydroxycoumarins, 4-hydroxy-6-methyl-2-pyrone and 2-hydroxy-1,4-naphthoquinone under metal-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6537-6548.	2.8	11
4	Indane-Fused Spiropentadiene Chromanones: A Pd-Catalyzed Spiroannulation Followed by Cyclization via C-H Activation Strategy. <i>Journal of Organic Chemistry</i> , 2020, 85, 11382-11395.	3.2	8
5	Solvent-Free <i>N</i> -Alkylation and Dehydrogenative Coupling Catalyzed by a Highly Active Pincer-Nickel Complex. <i>Organometallics</i> , 2020, 39, 2162-2176.	2.3	40
6	Aryne insertion into the P=O bond: one-pot synthesis of quaternary phosphonium triflates. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6450-6460.	2.8	19
7	Efficient Pincer-Ruthenium Catalysts for Kharasch Addition of Carbon Tetrachloride to Styrene. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2965-2980.	4.3	29
8	Three-Component Coupling Reactions of Aryne, DMSO, and Activated Alkyne: Stereoselective Synthesis of 2-[(<i>o</i> -Methylthio)aryloxy]-Substituted Dialkyl Maleates. <i>Journal of Organic Chemistry</i> , 2019, 84, 5846-5854.	3.2	40
9	Synthesis of pyrrolo[3,4- <i>c</i>]quinoline-1,3-diones: a sequential oxidative annulation followed by dehydrogenation and <i>N</i> -demethylation strategy. <i>New Journal of Chemistry</i> , 2018, 42, 18894-18905.	2.8	25
10	Electronic Effect on Catalytic Water Oxidation by Single Site [Ru(QClâ€”tpy)(bpy)(OH ₂) ²⁺] Catalyst. <i>ChemistrySelect</i> , 2017, 2, 123-129.	1.5	8
11	Coumarin to Isocoumarin: One-Pot Synthesis of 3-Substituted Isocoumarins from 4-Hydroxycoumarins and Benzene Precursors. <i>Organic Letters</i> , 2017, 19, 730-733.	4.6	40
12	Competent Electrocatalytic and Photocatalytic Proton Reduction by a Dechelated [Co(tpy) ₂] ²⁺ Scaffold. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3409-3418.	2.0	18
13	Influence of the Local Chemical Environment in the Formation of Multicomponent Crystals of <i>L</i> -Tryptophan with <i>N</i> -Heterocyclic Carboxylic Acids: Unusual Formation of Double Zwitterions. <i>Crystal Growth and Design</i> , 2017, 17, 3796-3805.	3.0	5
14	Design, Structural Characterization and Catalytic Activity of Incomplete Dicubane Clusters of <i>N</i> -Substituted Diethanolamines. <i>Journal of Cluster Science</i> , 2017, 28, 1355-1377.	3.3	4
15	Effect of Pyridyl Substitution on Chemical and Photochemical Water Oxidation by [Ru(terpyridine)(bipyridine)(OH ₂) ²⁺] Scaffolds. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 160-171.	2.0	12
16	Screening of multicomponent crystals of <i>L</i> -tryptophan with three isomers of pyridinedicarboxylic acids. <i>Journal of Crystal Growth</i> , 2016, 447, 67-72.	1.5	4
17	<i>Tris</i> -dipicolinate Cerium Complexes Bearing Dications of Arginine, Histidine, and Ornithine. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 251-257.	0.6	3
18	Organic cations controlling the nuclearity of copper(II) 2,5-pyridinedicarboxylates. <i>RSC Advances</i> , 2013, 3, 26220.	3.6	9

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19	Cation Exchange in Layered Copper(II) Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 6147-6155.	2.0	17
20	Water Bridged Assembly and Dimer Formation in Co-Crystals of Caffeine or Theophylline with Polycarboxylic Acids. <i>Crystal Growth and Design</i> , 2011, 11, 278-286.	3.0	35
21	Supramolecular Synthons and Hydrates in Stabilization of Multicomponent Crystals of Nicotinamide and Isonicotinamide with N-Containing Aromatic Dicarboxylic Acids. <i>Crystal Growth and Design</i> , 2011, 11, 5522-5532.	3.0	31
22	Assembly of Dipicolinic Acid by Alkali-Metal Cations. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1981-1987.	1.1	9
23	Coordination complex of dipicolinato cobalt(III) complex cation and anion. <i>Journal of Coordination Chemistry</i> , 2011, 64, 583-589.	2.2	7
24	Organocatalyzed One-Pot Synthesis of Substituted 1,5-Benzodiazepine and Benzimidazole Derivatives. <i>Synthetic Communications</i> , 2010, 40, 1685-1693.	2.1	15
25	Protonated Adenine and Cytosine Ribbons Stabilized by Dipicolinato Metal Frameworks. <i>Crystal Growth and Design</i> , 2010, 10, 3242-3249.	3.0	28
26	Design and Application of 2,2-Dibromodimedone as Organic Brominating Reagent for Asymmetric Bromination of 1,3-Dicarbonyl Compounds and Ketones Catalysed by Chiral Amino Acids. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1483-1487.	4.3	16