

# Babulal Das

## List of Publications by Year in descending order

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26  
papers

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citations

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Coumarin to Isocoumarin: One-Pot Synthesis of 3-Substituted Isocoumarins from 4-Hydroxycoumarins and Benzyne Precursors. <i>Organic Letters</i> , 2017, 19, 730-733.	4.6	40
2	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
3	Solvent-Free N-Alkylation and Dehydrogenative Coupling Catalyzed by a Highly Active Pincer-Nickel Complex. <i>Organometallics</i> , 2020, 39, 2162-2176.	2.3	40
4	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
5	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
6	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
7	Protonated Adenine and Cytosine Ribbons Stabilized by Dipicolinato Metal Frameworks. <i>Crystal Growth and Design</i> , 2010, 10, 3242-3249.	3.0	28
8	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
9	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
10	Aryne insertion into the $Pi\text{-}O$ bond: one-pot synthesis of quaternary phosphonium triflates. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6450-6460.	2.8	19
11	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
12	Cation Exchange in Layered Copper(II) Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 6147-6155.	2.0	17
13	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
14	Organocatalyzed One-Pot Synthesis of Substituted 1,5-Benzodiazepine and Benzimidazole Derivatives. <i>Synthetic Communications</i> , 2010, 40, 1685-1693.	2.1	15
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	tert-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
17	Assembly of Dipicolinic Acid by Alkali-Metal Cations. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1981-1987.	1.1	9
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	Electronic Effect on Catalytic Water Oxidation by Single Site [Ru(QClâ€“tpy)(bpy)(OH <sub>2</sub> ) <sup>2+</sup> ] Catalyst. ChemistrySelect, 2017, 2, 123-129.	1.5	8
20	Indane-Fused Spiropentadiene Chromanones: A Pd-Catalyzed Spiroannulation Followed by Cyclization <i>via</i> Câ€“H Activation Strategy. Journal of Organic Chemistry, 2020, 85, 11382-11395.	3.2	8
21	Coordination complex of dipicolinato cobalt(III) complex cation and anion. Journal of Coordination Chemistry, 2011, 64, 583-589.	2.2	7
22	Influence of the Local Chemical Environment in the Formation of Multicomponent Crystals of L-Tryptophan with N-Heterocyclic Carboxylic Acids: Unusual Formation of Double Zwitterions. Crystal Growth and Design, 2017, 17, 3796-3805.	3.0	5
23	Screening of multicomponent crystals of L-tryptophan with three isomers of pyridinedicarboxylic acids. Journal of Crystal Growth, 2016, 447, 67-72.	1.5	4
24	Design, Structural Characterization and Catalytic Activity of Incomplete Dicubane Clusters of N-Substituted Diethanolamines. Journal of Cluster Science, 2017, 28, 1355-1377.	3.3	4
25	Tris-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
26	One-pot synthesis of 3-substituted-3-hydroxyindolin-2-ones: three component coupling of N-protected isatin, aryne precursor and 1,3-cyclodione under metal-free conditions. New Journal of Chemistry, 2021, 46, 86-96.	2.8	3