

# Dhiraj Das

## List of Publications by Year in descending order

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19  
papers

361  
citations

1040056

9  
h-index

794594

19  
g-index

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all docs

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docs citations

20  
times ranked

376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantio- and regioselective asymmetric allylic substitution using a chiral aminophosphinite ruthenium complex: an experimental and theoretical investigation. <i>RSC Advances</i> , 2021, 11, 39319-39327.	3.6	1
2	A rare hetero-bimetallic Zn(II)/Ca(II) Schiff base complex: Synthesis, crystal structure, DFT, molecular docking and unveiling antimicrobial activity. <i>Journal of Molecular Structure</i> , 2020, 1222, 128951.	3.6	34
3	Controlling the regioselectivity of the ring opening of spiro-epoxyoxindoles for efficient synthesis of C(3)-N(1)-bisindoles and C(3)-N(1)-diindolylmethane. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7747-7759.	3.8	8
4	Synthesis, characterizations and single crystal structure of di-nuclear azido-bridged Cd(II) coordination polymer with Schiff base precursor (H <sub>2</sub> L <sup>pent</sup> OMe): DFT, fluorescence, solvatochromism and in vitro antimicrobial assay. <i>Inorganica Chimica Acta</i> , 2019, 496, 119069.	2.4	16
5	Structural Diversity in Heterobimetallic Complexes of Alkaline Earth Metals and Molybdenum, and Selective Dye Adsorption Properties of Mixed Metal Oxides Synthesized from the Heterobimetallic Complexes. <i>ChemistrySelect</i> , 2019, 4, 1428-1436.	1.5	2
6	Syntheses, X-ray crystal structures of two new Zn(II)-dicyanamide complexes derived from H <sub>2</sub> vanen-type compartmental ligands: Investigation of thermal, photoluminescence, in vitro cytotoxic effect and DFT-TDDFT studies. <i>Inorganica Chimica Acta</i> , 2019, 492, 221-234.	2.4	45
7	Dicyanamide-interlaced assembly of Zn(II)-schiff-base complexes derived from salicylaldimino type compartmental ligands: Syntheses, crystal structures, FMO, ESP, TD-DFT, fluorescence lifetime, in vitro antibacterial and anti-biofilm properties. <i>Inorganica Chimica Acta</i> , 2019, 489, 244-254.	2.4	49
8	Water-assisted ground state intra-molecular proton transfer in 2,5-dihydroxy-substituted azobenzenes: experimental and computational studies. <i>CrystEngComm</i> , 2019, 21, 2373-2380.	2.6	6
9	Heterometallic Zn(II)-K(I) complex with salen-type Schiff-base ligand: Synthesis, crystal structure, solid-state photoluminescent property and theoretical study. <i>Journal of Molecular Structure</i> , 2019, 1185, 112-120.	3.6	17
10	Syntheses, crystal structures and photo physical aspects of azido-bridged tetranuclear cadmium (II) complexes: DFT/TD-DFT, thermal, antibacterial and anti-biofilm properties. <i>Journal of Molecular Structure</i> , 2019, 1179, 694-708.	3.6	27
11	Nitrato, Pseudohalo-Linked Zn(II)/Cd(II) Schiff-Base Complexes with 1,3-Diimine Spacer Group: Syntheses, Crystal Structures, DFT, TD-DFT and Fluorescence Studies. <i>ChemistrySelect</i> , 2018, 3, 12371-12382.	1.5	14
12	Synthesis, Structure, and Magnetic Properties of Trimetallic Coordination Polymers of Cobalt and Copper. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2828-2836.	2.0	4
13	Heterotrimetallic coordination polymers for dye adsorption and desorption. <i>Polyhedron</i> , 2017, 124, 51-61.	2.2	8
14	Catalyst-Free On-Water Regio- and Stereospecific Ring-Opening of Spiroaziridine Oxindole: Enantiopure Synthesis of Unsymmetrical 3,3-Bisindoles. <i>Organic Letters</i> , 2017, 19, 4082-4085.	4.6	50
15	Supramolecular assembly of binuclear [V <sub>2</sub> O <sub>3</sub> (NTA) <sub>2</sub> ] <sub>4</sub> unit with [Ce(H <sub>2</sub> O) <sub>9</sub> ] <sup>3+</sup> : Synthesis, structure, luminescent, magnetic properties and TD-DFT calculation. <i>Polyhedron</i> , 2017, 137, 1-9.	2.2	6
16	Synthesis of 1,3-dibromo-2-aryl-1H-indenes via NBS mediated unusual bromination of 2-alkynylbenzaloximes. <i>New Journal of Chemistry</i> , 2016, 40, 7269-7272.	2.8	5
17	Synthesis of Chiral Spiro-Aziridine Oxindoles via Aza-Corey-Chaykovsky Reaction of Isatin Derived <i>N</i> -tert-Butanesulfinyl Ketimines. <i>Organic Letters</i> , 2016, 18, 532-535.	4.6	58
18	Induction of chirality from ligand to the supramolecular helical packing in Mo(VI)-Ln(III) heterobimetallic complexes: Synthesis, structure and photoluminescence properties. <i>Polyhedron</i> , 2016, 105, 222-227.	2.2	5

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19	Synthesis and structure of heterobimetallic $\text{Mo}^{\text{IV}}\text{M}$ [M = Na, Co, Ni and Zn] compounds and synthesis of nanostructured mixed metal oxides $\text{MMoO}_4$ and $\text{MoO}_3$ [M = Co, Ni and Zn] from the heterobimetallic complexes. <i>Polyhedron</i> , 2015, 99, 122-131.	2.2	6