

Anup Paul

List of Publications by Year in descending order

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43
papers

1,078
citations

331670

21
h-index

414414

32
g-index

43
all docs

43
docs citations

43
times ranked

1326
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracellular detection of Cu ²⁺ and S ²⁻ ions through a quinazoline functionalized benzimidazole-based new fluorogenic differential chemosensor. Dalton Transactions, 2015, 44, 16953-16964.	3.3	68
2	pH dependent synthesis of Zn(II) and Cd(II) coordination polymers with dicarboxyl-functionalized arylhydrazone of barbituric acid: photoluminescence properties and catalysts for Knoevenagel condensation. New Journal of Chemistry, 2016, 40, 1535-1546.	2.8	66
3	Recent advances on supramolecular isomerism in metal organic frameworks. CrystEngComm, 2017, 19, 4666-4695.	2.6	66
4	Synthesis, DNA binding, cellular DNA lesion and cytotoxicity of a series of new benzimidazole-based Schiff base copper(II) complexes. Dalton Transactions, 2015, 44, 19983-19996.	3.3	60
5	Environmentally benign benzyl alcohol oxidation and C-C coupling catalysed by amide functionalized 3D Co(II) and Zn(II) metal organic frameworks. Journal of Catalysis, 2020, 385, 324-337.	6.2	59
6	Lanthanide metal organic frameworks based on dicarboxyl-functionalized arylhydrazone of barbituric acid: syntheses, structures, luminescence and catalytic cyanosilylation of aldehydes. Dalton Transactions, 2017, 46, 8649-8657.	3.3	55
7	Amide functionalized metal-organic frameworks for diastereoselective nitroaldol (Henry) reaction in aqueous medium. RSC Advances, 2015, 5, 87400-87410.	3.6	43
8	Nanoporous lanthanide metal-organic frameworks as efficient heterogeneous catalysts for the Henry reaction. CrystEngComm, 2016, 18, 1337-1349.	2.6	43
9	An in vitro comparative assessment with a series of new triphenyltin(IV) 2/4-[(E)-2-(aryl)-1-diazenyl]benzoates endowed with anticancer activities: Structural modifications, analysis of efficacy and cytotoxicity involving human tumor cell lines. Journal of Inorganic Biochemistry, 2012, 107, 119-128.	3.5	41
10	Sulfonated Schiff base Sn(IV) complexes as potential anticancer agents. Journal of Inorganic Biochemistry, 2016, 162, 83-95.	3.5	41
11	Recent developments in molecular sensor designs for inorganic pyrophosphate detection and biological imaging. Coordination Chemistry Reviews, 2021, 431, 213744.	18.8	40
12	Potential apoptosis inducing agents based on a new benzimidazole schiff base ligand and its dicopper(II) complex. RSC Advances, 2014, 4, 41228-41236.	3.6	38
13	Dibutyltin(IV) complexes containing arylazobenzoate ligands: chemistry, in vitro cytotoxic effects on human tumor cell lines and mode of interaction with some enzymes. Investigational New Drugs, 2011, 29, 285-299.	2.6	33
14	A benzimidazole-based new fluorogenic differential/sequential chemosensor for Cu ²⁺ , Zn ²⁺ , CN ⁻ , P2O7 ⁴⁻ , DNA, its live-cell imaging and pyrosequencing applications. Sensors and Actuators B: Chemical, 2021, 337, 129785.	7.8	31
15	A Cu(II) MOF with a flexible bifunctionalised terpyridine as an efficient catalyst for the single-pot hydrocarboxylation of cyclohexane to carboxylic acid in water/ionic liquid medium. Dalton Transactions, 2016, 45, 12779-12789.	3.3	28
16	Biomolecular interaction, catecholase like activity and alkane oxidation in ionic liquids of a phenylcarbohydrazone-based monocopper(II) complex. Inorganica Chimica Acta, 2016, 450, 426-436.	2.4	28
17	Molecular basis of the interaction of novel tributyltin(IV) 2/4-[(E)-2-(aryl)-1-diazenyl]benzoates endowed with an improved cytotoxic profile: Synthesis, structure, biological efficacy and QSAR studies. Journal of Inorganic Biochemistry, 2010, 104, 950-966.	3.5	27
18	Zinc(II) and Copper(II) Metal-Organic Frameworks Constructed from a Terphenyl-4,4'-dicarboxylic Acid Derivative: Synthesis, Structure, and Catalytic Application in the Cyanosilylation of Aldehydes. European Journal of Inorganic Chemistry, 2016, 2016, 5557-5567.	2.0	27

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19	Triphenyltin(IV) 2-[(E)-2-(aryl)-1-diazenyl]benzoates as anticancer drugs: synthesis, structural characterization, in vitro cytotoxicity and study of its influence towards the mechanistic role of some key enzymes. <i>Investigational New Drugs</i> , 2010, 28, 587-599.	2.6	26
20	Highly Efficient Adsorptive Removal of Organic Dyes from Aqueous Solutions Using Polyaromatic Group-Containing Zn(II)-Based Coordination Polymers. <i>Crystal Growth and Design</i> , 2022, 22, 2248-2265.	3.0	24
21	Phenyl carbohydrazone conjugated 2-oxoindoline as a new scaffold that augments the DNA and BSA binding affinity and anti-proliferative activity of a 1,10-phenanthroline based copper(II) complex. <i>Inorganica Chimica Acta</i> , 2014, 423, 183-193.	2.4	22
22	Influence of anchoring moieties on new benzimidazole-based Schiff base copper(II) complexes towards estrogen dependent breast cancer cells. <i>Dalton Transactions</i> , 2021, 50, 3701-3716.	3.3	22
23	Versatility of Amide-Functionalized Co(II) and Ni(II) Coordination Polymers: From Thermochromic-Triggered Structural Transformations to Supercapacitors and Electrocatalysts for Water Splitting. <i>Inorganic Chemistry</i> , 2020, 59, 16301-16318.	4.0	19
24	Highly Efficient Bifunctional Amide Functionalized Zn and Cd Metal Organic Frameworks for One-Pot Cascade Deacetalization-Knoevenagel Reactions. <i>Frontiers in Chemistry</i> , 2019, 7, 699.	3.6	18
25	The phenanthroimidazole-based dizinc(II) complex as a fluorescent probe for the pyrophosphate ion as generated in polymerase chain reactions and pyrosequencing. <i>Dalton Transactions</i> , 2015, 44, 3930-3933.	3.3	17
26	Naphthalimide-phenanthroimidazole incorporated new fluorescent sensor for Cu^{2+} detection in living cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2021, 220, 111466.	3.5	16
27	1D Zn(II) Coordination Polymers as Effective Heterogeneous Catalysts in Microwave-Assisted Single-Pot Deacetalization-Knoevenagel Tandem Reactions in Solvent-Free Conditions. <i>Catalysts</i> , 2021, 11, 90.	3.5	13
28	A mechanistic insight into the rapid and selective removal of Congo Red by an amide functionalised Zn(II) coordination polymer. <i>Dalton Transactions</i> , 2020, 49, 12970-12984.	3.3	12
29	Crystal and solution structures of di-n-butyltin(IV) complexes of 5-[(E)-2-(4-methoxyphenyl)-1-diazenyl]quinolin-8-ol and benzoic acid derivatives: En route to elegant self-assembly via modulation of the tin coordination geometry. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2142-2152.	1.8	11
30	Synthesis, characterization and crystal structures of 2-[(E)-2-(4-hydroxy-3,5-dimethylphenyl)-1-diazenyl]benzoic acid and its polymeric and monomeric triorganotin(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2012, 696, 4229-4235.	1.8	11
31	2-(Carboxymethylsulfanyl)pyridine-3-carboxylic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1298-o1298.	0.2	9
32	Zn(II)-to-Cu(II) Transmetalation in an Amide Functionalized Complex and Catalytic Applications in Styrene Oxidation and Nitroaldol Coupling. <i>Molecules</i> , 2020, 25, 2644.	3.8	9
33	Unfolding biological properties of a versatile dicopper(II) precursor and its two mononuclear copper(II) derivatives. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 25-36.	3.5	8
34	Pyrene Carboxylate Ligand Based Coordination Polymers for Microwave-Assisted Solvent-Free Cyanosilylation of Aldehydes. <i>Molecules</i> , 2021, 26, 1101.	3.8	8
35	Benzimidazole Schiff base copper(II) complexes as catalysts for environmental and energy applications: VOC oxidation, oxygen reduction and water splitting reactions. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 23175-23190.	7.1	8
36	Biological Evaluation of Azo- and Imino-Based Carboxylate Triphenyltin(IV) Compounds. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 930-941.	2.0	7

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37	2-[(<i>E</i>)-(5- <i>tert</i> -Butyl-2-hydroxyphenyl)diazenyl]benzoic acid. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2125-o2125.	0.2	6
38	An unprecedented triorganotin carboxylate structure – an isolated aggregate containing neutral and deprotonated forms of a carboxylic acid. Zeitschrift für Kristallographie, 2010, 225, 153-157.	1.1	5
39	Designing and Construction of Polyaromatic Group Containing Cd(II)-based Coordination Polymers for Solvent-free Strecker-type Cyanation of Acetals. New Journal of Chemistry, 0, , .	2.8	4
40	Effects of methyl groups in a pyrimidine-based flexible ligand on the formation of silver(<i>scp</i>) coordination networks. New Journal of Chemistry, 2018, 42, 13998-14008.	2.8	3
41	Aminobenzimidazole-based (<i>sup</i> 6 ^{sup}) <i>p</i> - <i>cymene</i>)ruthenium (II) complexes as nascent anticancer chemotherapeutics: Synthesis, crystal structure, DFT studies, HSA interactions, molecular docking, and cytotoxicity. Applied Organometallic Chemistry, 2022, 36, .	3.5	3
42	4-[(<i>E</i>)-(5- <i>tert</i> -Butyl-2-hydroxyphenyl)diazenyl]benzoic acid benzene hemisolvate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o540-o540.	0.2	2
43	Bis{2-[(<i>E</i>)-(5- <i>tert</i> -butyl-2-hydroxyphenyl)diazenyl]benzoato}dimethyltin(IV). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1383-m1384.	0.2	1