

Sourav Bhowmick

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Coordination-Driven Self-Assembly of Ionic Irregular Hexagonal Metallamacrocycles via an Organometallic Clip and Their Cytotoxicity Potency. <i>Inorganic Chemistry</i> , 2018, 57, 3615-3625.	4.0	27
2	Pyrazine-Based Organometallic Complex: Synthesis, Characterization, and Supramolecular Chemistry. <i>Inorganic Chemistry</i> , 2015, 54, 2543-2550.	4.0	25
3	Pyrazine Motif Containing Hexagonal Macrocycles: Synthesis, Characterization, and Host-Guest Chemistry with Nitro Aromatics. <i>Inorganic Chemistry</i> , 2015, 54, 8994-9001.	4.0	22
4	Synthesis of Triptycene-Based Organosoluble, Thermally Stable, and Fluorescent Polymers: Efficient Host-Guest Complexation with Fullerene. <i>Macromolecules</i> , 2013, 46, 6824-6831.	4.8	21
5	Triptycene based organometallic complexes: a new class of acceptor synthons for supramolecular ensembles. <i>Dalton Transactions</i> , 2014, 43, 13270-13277.	3.3	21
6	Design of a flexible organometallic tecton: host-guest chemistry with picric acid and self-assembly of platinum macrocycles. <i>Dalton Transactions</i> , 2017, 46, 1986-1995.	3.3	18
7	Self-assembly of Pt(II) based nanoscalar ionic hexagons and their anticancer potencies. <i>Inorganica Chimica Acta</i> , 2019, 484, 19-26.	2.4	13
8	Pyrazine-based donor tectons: synthesis, self-assembly and characterization. <i>RSC Advances</i> , 2016, 6, 8992-9001.	3.6	12
9	Size dependent effect of new organometallic triptycene tectons on the dimensions of self-assembled macrocycles. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 290-297.	6.0	11
10	Self-assembly of DNA-porphyrin hybrid molecules for the creation of antimicrobial nanonetwork. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 172, 28-35.	3.8	11
11	Pyrazine based Pt(II) bis-alkynyl organometallic complexes: Synthesis, characterization, and cytotoxic effect on A549 human lung carcinoma cells. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3824.	3.5	10
12	Binding and interaction of di- and tri-substituted organometallic triptycene palladium complexes with DNA. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 1221-1232.	2.6	9
13	Hierarchical FeO(OH)-CoCeV (Oxy)hydroxide as a Water Cleavage Promoter. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 51151-51160.	8.0	9
14	Self-Assembly of a [1 + 1] Ionic Hexagonal Macrocycle and Its Antiproliferative Activity. <i>Frontiers in Chemistry</i> , 2018, 6, 87.	3.6	8
15	Synthesis, characterization and DNA interaction studies of new triptycene derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1290-1298.	2.2	7
16	Self-assembled neutral [2+2] platinacycles showing minimal DNA interactions. <i>Polyhedron</i> , 2019, 157, 267-275.	2.2	7
17	Bimetallic cyclic redox couple in dimanganese copper oxide supported by nickel borate for boosted alkaline electrocatalytic oxygen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2021, 5, 2517-2527.	4.9	5
18	Hierarchical coassembly of DNA-triptycene hybrid molecular building blocks and zinc protoporphyrin IX. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 697-707.	2.8	3

#	ARTICLE	IF	CITATIONS
19	Zinc-mediated diastereoselective assembly of a trinuclear circular helicate. RSC Advances, 2016, 6, 21228-21234.	3.6	2
20	Topical progress in medicinal applications of self-assembled organoplatinum complexes using diverse Pt(II)- and Ni-based tectons. Applied Organometallic Chemistry, 2022, 36, .	3.5	2