

Snehasis Banerjee

List of Publications by Year in descending order

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19
papers

396
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	A naphthalene-pyrazol conjugate: Al(III) ion-selective blue shifting chemosensor applicable as biomarker in aqueous solution. <i>Analyst</i> , The, 2014, 139, 4828-4835.	3.5	44
2	A detailed theoretical DFT study of the hydrolysis mechanism of orally active anticancer drug ZD0473. <i>Chemical Physics Letters</i> , 2010, 487, 108-115.	2.6	30
3	Fluorescent Guar Gum-Terpolymer via In Situ Acrylamido-Acid Fluorophore-Monomer in Cell Imaging, Pb(II) Sensor, and Security Ink. <i>ACS Applied Bio Materials</i> , 2020, 3, 1995-2006.	4.6	30
4	Fluorescent Terpolymers via In Situ Allocation of Aliphatic Fluorophore Monomers: Fe(III) Sensor, High-Performance Removals, and Bioimaging. <i>Advanced Healthcare Materials</i> , 2019, 8, 1900980.	7.6	28
5	Synthesis of Biocompatible Aliphatic Terpolymers via In Situ Fluorescent Monomers for Three-in-One Applications: Polymerization of Hydrophobic Monomers in Water. <i>Langmuir</i> , 2020, 36, 6178-6187.	3.5	28
6	Fluorescent Terpolymers Using Two Non-Emissive Monomers for Cr(III) Sensors, Removal, and Bio-Imaging. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1397-1407.	5.2	26
7	Phenoxo-bridged dinuclear mixed valence cobalt(II)/cobalt(III) complexes with reduced Schiff base ligands: synthesis, characterization, band gap measurements and fabrication of Schottky barrier diodes. <i>Dalton Transactions</i> , 2021, 50, 1721-1732.	3.3	25
8	Magnetic Properties of End-to-End Azide-Bridged Tetranuclear Mixed-Valence Cobalt(III)/Cobalt(II) Complexes with Reduced Schiff Base Blocking Ligands and DFT Study. <i>ACS Omega</i> , 2019, 4, 20634-20643.	3.5	23
9	Multi-Coupled Light-Emitting Aliphatic Terpolymers: Functionalized Fluorophore Monomers and High-Performance Applications. <i>Chemistry - A European Journal</i> , 2020, 26, 502-516.	3.3	21
10	Light-Emitting Multifunctional Maleic Acid-2-(N-(hydroxymethyl)acrylamido)succinic Acid-N-(hydroxymethyl)acrylamide for Fe(III) Sensing, Removal, and Cell Imaging. <i>ACS Omega</i> , 2020, 5, 3333-3345.	3.5	20
11	Cyclometalated rhodium(III) complexes bearing dithiocarbamate derivative: Synthesis, characterization, interaction with DNA and biological study. <i>Polyhedron</i> , 2014, 69, 127-134.	2.2	19
12	Substituent effect on fluorescence signaling of the cell permeable HSO ₄ ⁻ receptors through single point to ratiometric response in green solvent. <i>RSC Advances</i> , 2014, 4, 27665-27673.	3.6	19
13	A theoretical insight on the rigid hydrogen-bonded network in the solid state structure of two zinc(II) complexes and their strong fluorescence behaviors. <i>CrystEngComm</i> , 2020, 22, 3005-3019.	2.6	19
14	Synthesis, characterization, interactions with DNA and bovine serum albumin (BSA), and antibacterial activity of cyclometalated iridium(III) complexes containing dithiocarbamate derivatives. <i>Journal of Coordination Chemistry</i> , 2014, 67, 2643-2660.	2.2	18
15	A detailed quantum chemical study of the interactions of [Pt(dien)Cl] ⁺ with a series of S-donor ligands: A computational approach. <i>Computational and Theoretical Chemistry</i> , 2012, 991, 116-123.	2.5	14
16	trans-Platinum anticancer drug AMD443: A detailed theoretical study by DFT-TST method on the hydrolysis mechanism. <i>Chemical Physics Letters</i> , 2010, 497, 142-148.	2.6	13
17	A detailed theoretical study of the interaction of thiourea with cis-diaqua(ethylenediamine) platinum(II). <i>Computational and Theoretical Chemistry</i> , 2009, 913, 97-106.	1.5	12
18	Interactions of the aquated forms of the anticancer drug AMD443 with DNA purine bases: A detailed computational approach. <i>Inorganica Chimica Acta</i> , 2013, 400, 130-141.	2.4	4

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19	A mononuclear zinc complex with a diamine: Synthesis, characterization, self assembly, luminescence property and DFT calculations. Journal of Molecular Structure, 2022, 1249, 131598.	3.6	3