

Atanu Jana

List of Publications by Year in descending order

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papers

740
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#	ARTICLE	IF	CITATIONS
1	Nanostructured Luminescent Micelles: Efficient "Functional Materials" for Sensing Nitroaromatic and Nitramine Explosives. <i>Photochem</i> , 2022, 2, 32-57.	2.2	6
2	Oligopyrrolic Cages: From Classic Molecular Constructs to Chemically Responsive Polytopic Receptors. <i>Accounts of Chemical Research</i> , 2022, 55, 1646-1658.	15.6	18
3	Benzo-tetrathiafulvalene-(BTTF) Annulated Expanded Porphyrins: Potential Next-Generation Multielectron Reservoirs. <i>Chemistry - A European Journal</i> , 2021, 27, 4466-4472.	3.3	3
4	Solvent-Controlled Self-Assembled Oligopyrrolic Receptor. <i>Molecules</i> , 2021, 26, 1771.	3.8	2
5	Self-Assembled Cagelike Receptor That Binds Biologically Relevant Dicarboxylic Acids via Proton-Coupled Anion Recognition. <i>Journal of the American Chemical Society</i> , 2020, 142, 1987-1994.	13.7	18
6	Detection of Trace-Level Nitroaromatic Explosives by 1-Pyreneiodide-Ligated Luminescent Gold Nanostructures and Their Forensic Applications. <i>Langmuir</i> , 2020, 36, 15442-15449.	3.5	7
7	Semiconducting Supramolecular Organic Frameworks Assembled from a Near-Infrared Fluorescent Macrocyclic Probe and Fullerenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 11497-11505.	13.7	24
8	Functionalised tetrathiafulvalene- (TTF-) macrocycles: recent trends in applied supramolecular chemistry. <i>Chemical Society Reviews</i> , 2018, 47, 5614-5645.	38.1	89
9	D → f energy transfer in heteronuclear Ir(III)/Ln(III) near-infrared luminescent complexes. <i>Polyhedron</i> , 2017, 127, 390-395.	2.2	9
10	Pt(II)C ⁺ N ⁻ -Based Luminophore-Micelle Adducts for Sensing Nitroaromatic Explosives. <i>Langmuir</i> , 2017, 33, 4291-4300.	3.5	15
11	Tetrathiafulvalene- (TTF-) Derived Oligopyrrolic Macrocycles. <i>Chemical Reviews</i> , 2017, 117, 2641-2710.	47.7	84
12	Heteronuclear Ir(III)-Ln(III) Luminescent Complexes: Small-Molecule Probes for Dual Modal Imaging and Oxygen Sensing. <i>Inorganic Chemistry</i> , 2016, 55, 5623-5633.	4.0	38
13	Porphyrin/Platinum(II) C ^N N Acetylide Complexes: Synthesis, Photophysical Properties, and Singlet Oxygen Generation. <i>Chemistry - A European Journal</i> , 2016, 22, 4164-4174.	3.3	21
14	A new ligand skeleton for imaging applications with d → f complexes: combined lifetime imaging and high relaxivity in an Ir/Gd dyad. <i>Chemical Communications</i> , 2015, 51, 8833-8836.	4.1	22
15	Breaking aggregation in a tetrathiafulvalene-fused zinc porphyrin by metal-ligand coordination to form a donor-acceptor hybrid for ultrafast charge separation and charge stabilization. <i>Dalton Transactions</i> , 2015, 44, 359-367.	3.3	18
16	Tetrathiafulvalene-annulated [28]hexaphyrin(1.1.1.1.1.1): a multi-electron donor system subject to conformational control. <i>Chemical Communications</i> , 2013, 49, 8937.	4.1	12
17	Comparative Electrochemical and Photophysical Studies of Tetrathiafulvalene-Annulated Porphyrins and Their Zn ^{II} Complexes: The Effect of Metalation and Structural Variation. <i>Chemistry - A European Journal</i> , 2013, 19, 338-349.	3.3	20
18	Synthesis and recognition properties of higher order tetrathiafulvalene (TTF) calix[n]pyrroles (n = 7, 8, 9, 10). <i>Tf</i> 2010, 10, 1-10.	7.4	29

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19	Ion-Controlled Onâ€“Off Switch of Electron Transfer from Tetrathiafulvalene Calix[4]pyrroles to Li ⁺ . <i>Journal of the American Chemical Society</i> , 2011, 133, 15938-15941.	13.7	125
20	Coumarin derived chromophores in the donorâ€“acceptorâ€“donor format that gives fluorescence enhancement and large two-photon activity in presence of specific metal ions. <i>Inorganica Chimica Acta</i> , 2010, 363, 2824-2832.	2.4	35
21	A cryptand based chemodosimetric probe for naked-eye detection of mercury(ii) ion in aqueous medium and its application in live cell imaging. <i>Chemical Communications</i> , 2009, , 4417.	4.1	108
22	Attachment of Different Donor Groups to a Cryptand for Modulation of Twoâ€“Photon Absorption Crossâ€“Section. <i>Chemistry - A European Journal</i> , 2008, 14, 10628-10638.	3.3	16
23	Diaza-18-crown-6 based chromophores for modulation of two-photon absorption cross-section by metal ions. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1186-1194.	1.8	6
24	Design and synthesis of 1,10-phenanthroline based Zn(II) complexes bearing 1D pushâ€“pull NLO-phores for tunable quadratic nonlinear optical properties. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2512-2516.	1.8	15