

# Atanu Jana

## List of Publications by Year in descending order

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24  
papers

740  
citations

567281

15  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion-Controlled Onâ€“Off Switch of Electron Transfer from Tetrathiafulvalene Calix[4]pyrroles to Li <sup>+</sup> . Journal of the American Chemical Society, 2011, 133, 15938-15941.	13.7	125
2	A cryptand based chemodosimetric probe for naked-eye detection of mercury(II) ion in aqueous medium and its application in live cell imaging. Chemical Communications, 2009, , 4417.	4.1	108
3	Functionalised tetrathiafulvalene- (TTF-) macrocycles: recent trends in applied supramolecular chemistry. Chemical Society Reviews, 2018, 47, 5614-5645.	38.1	89
4	Tetrathiafulvalene- (TTF-) Derived Oligopyrrolic Macrocycles. Chemical Reviews, 2017, 117, 2641-2710.	47.7	84
5	Heteronuclear Ir(III)â€“Ln(III) Luminescent Complexes: Small-Molecule Probes for Dual Modal Imaging and Oxygen Sensing. Inorganic Chemistry, 2016, 55, 5623-5633.	4.0	38
6	Coumarin derived chromophores in the donorâ€“acceptorâ€“donor format that gives fluorescence enhancement and large two-photon activity in presence of specific metal ions. Inorganica Chimica Acta, 2010, 363, 2824-2832.	2.4	35
7	Synthesis and recognition properties of higher order tetrathiafulvalene (TTF) calix[n]pyrroles (n =) Tj ETQq1 1 0.784314 rgBT/Overload	7.4	29
8	Semiconducting Supramolecular Organic Frameworks Assembled from a Near-Infrared Fluorescent Macrocyclic Probe and Fullerenes. Journal of the American Chemical Society, 2020, 142, 11497-11505.	13.7	24
9	A new ligand skeleton for imaging applications with dâ€“f complexes: combined lifetime imaging and high relaxivity in an Ir/Gd dyad. Chemical Communications, 2015, 51, 8833-8836.	4.1	22
10	Porphyrin/Platinum(II) C <sup>N</sup> N Acetylide Complexes: Synthesis, Photophysical Properties, and Singlet Oxygen Generation. Chemistry - A European Journal, 2016, 22, 4164-4174.	3.3	21
11	Comparative Electrochemical and Photophysical Studies of Tetrathiafulvaleneâ€“Annulated Porphyrins and Their Zn <sup>II</sup> Complexes: The Effect of Metalation and Structural Variation. Chemistry - A European Journal, 2013, 19, 338-349.	3.3	20
12	Breaking aggregation in a tetrathiafulvalene-fused zinc porphyrin by metalâ€“ligand coordination to form a donorâ€“acceptor hybrid for ultrafast charge separation and charge stabilization. Dalton Transactions, 2015, 44, 359-367.	3.3	18
13	Self-Assembled Cage-like Receptor That Binds Biologically Relevant Dicarboxylic Acids via Proton-Coupled Anion Recognition. Journal of the American Chemical Society, 2020, 142, 1987-1994.	13.7	18
14	Oligopyrrolic Cages: From Classic Molecular Constructs to Chemically Responsive Polytopic Receptors. Accounts of Chemical Research, 2022, 55, 1646-1658.	15.6	18
15	Attachment of Different Donor Groups to a Cryptand for Modulation of Twoâ€“Photon Absorption Crossâ€“Section. Chemistry - A European Journal, 2008, 14, 10628-10638.	3.3	16
16	Design and synthesis of 1,10-phenanthroline based Zn(II) complexes bearing 1D pushâ€“pull NLO-phores for tunable quadratic nonlinear optical properties. Journal of Organometallic Chemistry, 2006, 691, 2512-2516.	1.8	15
17	Pt(II)C <sup>S</sup> N <sup>S</sup> -Based Luminophoreâ€“Micelle Adducts for Sensing Nitroaromatic Explosives. Langmuir, 2017, 33, 4291-4300.	3.5	15
18	Tetrathiafulvalene-annulated [28]hexaphyrin(1.1.1.1.1.1): a multi-electron donor system subject to conformational control. Chemical Communications, 2013, 49, 8937.	4.1	12

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19	D $\hat{\alpha}$ f energy transfer in heteronuclear Ir(III)/Ln(III) near-infrared luminescent complexes. <i>Polyhedron</i> , 2017, 127, 390-395.	2.2	9
20	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
21	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
22	Nanostructured Luminescent Micelles: Efficient $\hat{\alpha}$ Functional Materials $\hat{\alpha}$ for Sensing Nitroaromatic and Nitramine Explosives. <i>Photochem</i> , 2022, 2, 32-57.	2.2	6
23	Benzo $\hat{\alpha}$ Tetrathiafulvalene $\hat{\alpha}$ (BTTF $\hat{\alpha}$ ) Annulated Expanded Porphyrins: Potential Next $\hat{\alpha}$ Generation Multielectron Reservoirs. <i>Chemistry - A European Journal</i> , 2021, 27, 4466-4472.	3.3	3
24	Solvent-Controlled Self-Assembled Oligopyrrolic Receptor. <i>Molecules</i> , 2021, 26, 1771.	3.8	2