

Amal Kumar Mandal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6219718/publications.pdf>

Version: 2024-02-01

29
papers

1,610
citations

361413

20
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

2713
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembled cationic organic nanosheets: role of positional isomers in a guanidinium-core for efficient lithium-ion conduction. <i>Chemical Science</i> , 2021, 12, 13878-13887.	7.4	5
2	Two-dimensional lanthanide coordination polymer nanosheets for detection of FOX-7. <i>Chemical Science</i> , 2020, 11, 1032-1042.	7.4	41
3	A tuneable hierarchical self-assembly of a C_{3v} -symmetric triaminoguanidinium-derivative into a rhombic dodecahedral morphology. <i>CrystEngComm</i> , 2020, 22, 5117-5121.	2.6	5
4	Crystalline Free-Standing Two-Dimensional Zwitterionic Organic Nanosheets for Efficient Conduction of Lithium Ions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 58122-58131.	8.0	5
5	Two-Dimensional Covalent Organic Frameworks for Optoelectronics and Energy Storage. <i>ChemNanoMat</i> , 2017, 3, 373-391.	2.8	106
6	Tuning Emission Responses of a Triphenylamine Derivative in Host-Guest Complexes and an Unusual Dynamic Inclusion Phenomenon. <i>Journal of Organic Chemistry</i> , 2016, 81, 512-521.	3.2	22
7	Three-Photon-Excited Luminescence from Unsymmetrical Cyanostilbene Aggregates: Morphology Tuning and Targeted Bioimaging. <i>ACS Nano</i> , 2015, 9, 4796-4805.	14.6	51
8	Bicomponent H-Bonded Porous Molecular Networks at the Liquid-Solid Interface: What Is the Influence of Preorganization in Solution?. <i>Langmuir</i> , 2015, 31, 157-163.	3.5	8
9	A quinoxaline based N-heteroacene interfacial layer for efficient hole-injection in quantum dot light-emitting diodes. <i>Nanoscale</i> , 2015, 7, 11531-11535.	5.6	22
10	Cancer Cell Detection and Therapeutics Using Peroxidase-Active Nanohybrid of Gold Nanoparticle-Loaded Mesoporous Silica-Coated Graphene. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9807-9816.	8.0	171
11	Photo-responsive pseudorotaxanes and assemblies. <i>Chemical Society Reviews</i> , 2015, 44, 663-676.	38.1	68
12	Synthesis of Ag ₂ S quantum dots by a single-source precursor: an efficient electrode material for rapid detection of phenol. <i>Analytical Methods</i> , 2014, 6, 2059.	2.7	18
13	A three-photon probe with dual emission colors for imaging of Zn(II) ions in living cells. <i>Chemical Communications</i> , 2014, 50, 14378-14381.	4.1	16
14	Immobilizing Gold Nanoparticles in Mesoporous Silica Covered Reduced Graphene Oxide: A Hybrid Material for Cancer Cell Detection through Hydrogen Peroxide Sensing. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13648-13656.	8.0	253
15	Designing a thiol specific fluorescent probe for possible use as a reagent for intracellular detection and estimation in blood serum: kinetic analysis to probe the role of intramolecular hydrogen bonding. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6604.	2.8	42
16	Molecular Interactions, Proton Exchange, and Photoinduced Processes Prompted by an Inclusion Process and a [2]Pseudorotaxane Formation. <i>Journal of Organic Chemistry</i> , 2013, 78, 9004-9012.	3.2	11
17	First demonstration of two-step FRET in a synthetic supramolecular assembly. <i>Chemical Science</i> , 2013, 4, 2380.	7.4	43
18	A Taco Complex Derived from a Bis-Crown Ether Capable of Executing Molecular Logic Operation through Reversible Complexation. <i>Journal of Organic Chemistry</i> , 2012, 77, 6789-6800.	3.2	39

#	ARTICLE	IF	CITATIONS
19	An alternative approach: a highly selective dual responding fluoride sensor having active methylene group as binding site. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2263.	2.8	20
20	New Chemodosimetric Reagents as Ratiometric Probes for Cysteine and Homocysteine and Possible Detection in Living Cells and in Blood Plasma. <i>Chemistry - A European Journal</i> , 2012, 18, 15382-15393.	3.3	78
21	Restricted Conformational Flexibility of a Triphenylamine Derivative on the Formation of Host-Guest Complexes with Various Macrocyclic Hosts. <i>Chemistry - A European Journal</i> , 2012, 18, 3906-3917.	3.3	27
22	Recognition of Hg ²⁺ Ion through Restricted Imine Isomerization: Crystallographic Evidence and Imaging in Live Cells. <i>Organic Letters</i> , 2012, 14, 2980-2983.	4.6	66
23	Folding and Unfolding Movements in a [2]Pseudorotaxane. <i>Journal of Organic Chemistry</i> , 2011, 76, 138-144.	3.2	39
24	Receptor design and extraction of inorganic fluoride ion from aqueous medium. <i>Chemical Communications</i> , 2011, 47, 7398.	4.1	49
25	Studies on [3]pseudorotaxane formation from a bis-azacrown derivative as host and imidazolium ion-derivatives as guest. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4811.	2.8	26
26	Urea/thiourea derivatives and Zn(II)-DPA complex as receptors for anionic recognition—A brief account. <i>Journal of Chemical Sciences</i> , 2011, 123, 175-186.	1.5	7
27	A chemosensor for heavy-transition metal ions in mixed aqueous-organic media. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 32-38.	7.8	23
28	Azine-Based Receptor for Recognition of Hg ²⁺ Ion: Crystallographic Evidence and Imaging Application in Live Cells. <i>Organic Letters</i> , 2010, 12, 5406-5409.	4.6	139
29	Resonance Energy Transfer Approach and a New Ratiometric Probe for Hg ²⁺ in Aqueous Media and Living Organism. <i>Organic Letters</i> , 2009, 11, 2740-2743.	4.6	210