

# Arunava Maity

## List of Publications by Year in descending order

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15  
papers

512  
citations

758635

12  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

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times ranked

901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning of multiple luminescence outputs and white-light emission from a single gelator molecule through an ESIPT coupled AIEE process. <i>Chemical Communications</i> , 2015, 51, 2130-2133.	2.2	110
2	Highly emissive organic solids with remarkably broad color tunability based on N,C-chelate, four-coordinate organoborons. <i>Chemical Communications</i> , 2015, 51, 16115-16118.	2.2	90
3	Phenothiazinyl Boranes: A New Class of AIE Luminogens with Mega Stokes Shift, Mechanochromism, and Mechanoluminescence. <i>Chemistry - A European Journal</i> , 2017, 23, 7046-7051.	1.7	60
4	Counteranion Driven Homochiral Assembly of a Cationic $C_3$ -Symmetric Gelator through Ion-Pair Assisted Hydrogen Bond. <i>Journal of the American Chemical Society</i> , 2016, 138, 11113-11116.	6.6	48
5	White-light-emitting lanthanide and lanthanide-iridium doped supramolecular gels: modular luminescence and stimuli-responsive behaviour. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9756-9766.	2.7	44
6	PVAc/PEDOT:PSS/graphene-iron oxide nanocomposite (GINC): an efficient thermoelectric material. <i>RSC Advances</i> , 2016, 6, 22453-22460.	1.7	32
7	Specific Reagent for Cr(III): Imaging Cellular Uptake of Cr(III) in Hct116 Cells and Theoretical Rationalization. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13018-13026.	1.2	24
8	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.	1.7	22
9	Water induced morphological transformation of a poly(aryl ether) dendron amphiphile: helical fibers to nanorods, as light-harvesting antenna systems. <i>Nanoscale</i> , 2018, 10, 1464-1473.	2.8	19
10	Chiral Discrimination through $^1H$ -NMR and Luminescence Spectroscopy: Dynamic Processes and Solid Strip for Chiral Recognition. <i>Chemistry - A European Journal</i> , 2017, 23, 18303-18313.	1.7	16
11	[2]Pseudorotaxane Formation with FRET Based Luminescence Response: Demonstration of Boolean Operations through Self-Sorting on Solid Surface. <i>Journal of Organic Chemistry</i> , 2016, 81, 8977-8987.	1.7	14
12	Cucurbit[7]uril Induced Formation of FRET-Enabled Unilamellar Lipid Vesicles. <i>Langmuir</i> , 2017, 33, 10989-10999.	1.6	12
13	Hydrogen Bonding Interaction between Active Methylene Hydrogen Atoms and an Anion as a Binding Motif for Anion Recognition: Experimental Studies and Theoretical Rationalization. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2656-2666.	1.1	9
14	Impact of half-crown/two carbonyl-Ca <sup>2+</sup> metal ion interactions of a low molecular weight gelator (LMWG) on its fiber to nanosphere morphology transformation with a gel-to-sol phase transition. <i>Soft Matter</i> , 2018, 14, 5821-5831.	1.2	7
15	A tuneable hierarchical self-assembly of a $C_3$ -symmetric triaminoguanidinium-derivative into a rhombic dodecahedral morphology. <i>CrystEngComm</i> , 2020, 22, 5117-5121.	1.3	5