

Somen Mondal

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

353
citations

759233

12
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-range light-modulated charge transport across the molecular heterostructure doped protein biopolymers. <i>Chemical Science</i> , 2021, 12, 8731-8739.	7.4	10
2	Ultrafast Dynamics in Carbon Dots as Photosensitizers: A Review. <i>ACS Applied Nano Materials</i> , 2021, 4, 7587-7606.	5.0	17
3	Light-Modulated Cationic and Anionic Transport across Protein Biopolymers**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24676-24685.	13.8	10
4	Light-Modulated cationic and anionic transport across protein biopolymers. <i>Angewandte Chemie</i> , 2021, 133, 24881.	2.0	0
5	Enhanced Proton Conductivity across Protein Biopolymers Mediated by Doped Carbon Nanoparticles. <i>Small</i> , 2020, 16, e2005526.	10.0	9
6	Exploring long-range proton conduction, the conduction mechanism and inner hydration state of protein biopolymers. <i>Chemical Science</i> , 2020, 11, 3547-3556.	7.4	27
7	Proton Conductivity: Enhanced Proton Conductivity across Protein Biopolymers Mediated by Doped Carbon Nanoparticles (Small 50/2020). <i>Small</i> , 2020, 16, 2070272.	10.0	0
8	Efficient Photosensitizing Capabilities and Ultrafast Carrier Dynamics of Doped Carbon Dots. <i>Journal of the American Chemical Society</i> , 2019, 141, 15413-15422.	13.7	74
9	Use of Photoacids and Photobases To Control Dynamic Self-Assembly of Gold Nanoparticles in Aqueous and Nonaqueous Solutions. <i>Nano Letters</i> , 2019, 19, 3804-3810.	9.1	42
10	Revival, enhancement and tuning of fluorescence from Coumarin 6: combination of host-guest chemistry, viscosity and collisional quenching. <i>RSC Advances</i> , 2016, 6, 105347-105349.	3.6	17
11	β -Cyclodextrin Functionalized Carbon Dots: Pronounced Photoinduced Electron Transfer by Aggregated Nanostructures. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14365-14371.	3.1	30
12	Ultrafast Photoinduced Electron Transfer between Carbon Nanoparticles and Cyclometalated Rhodium and Iridium Complexes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25122-25128.	3.1	20
13	Surfactant chain length controls photoinduced electron transfer in surfactant bilayer protected carbon nanoparticles. <i>Materials Letters</i> , 2015, 141, 252-254.	2.6	13
14	Synergic Influence of Reverse Micelle Confinement on the Enhancement in Photoinduced Electron Transfer to and from Carbon Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13887-13892.	3.1	20
15	pH triggered reversible photoinduced electron transfer to and from carbon nanoparticles. <i>Chemical Communications</i> , 2014, 50, 6890.	4.1	28
16	FRET-based characterisation of surfactant bilayer protected core-shell carbon nanoparticles: advancement toward carbon nanotechnology. <i>Chemical Communications</i> , 2013, 49, 7638.	4.1	14
17	[2,2'-Bipyridyl]-3,3'-diol in lipid vesicles: slowed down dynamics of proton transfer. <i>Soft Matter</i> , 2013, 9, 8512.	2.7	12
18	Cyclodextrin cavity size induced formation of superstructures with embedded gold nanoclusters. <i>RSC Advances</i> , 2012, 2, 12210.	3.6	4

#	ARTICLE	IF	CITATIONS
19	Unraveling the Carrier Dynamics and Photocatalytic Pathway in Carbon Dots and Pollutants of Wastewater System. Journal of Physical Chemistry C, 0, , .	3.1	6