

Amit Kumar Mandal

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

285
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	Annulated bacteriochlorins for near-infrared photophysical studies. <i>New Journal of Chemistry</i> , 2019, 43, 7209-7232.	2.8	16
2	Origin of Panchromaticity in Multichromophoreâ€“Tetrapyrrole Arrays. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7181-7201.	2.5	20
3	Synthesis of arrays containing porphyrin, chlorin, and perylene-imide constituents for panchromatic light-harvesting and charge separation. <i>RSC Advances</i> , 2018, 8, 23854-23874.	3.6	22
4	Repurposing a photosynthetic antenna protein as a super-resolution microscopy label. <i>Scientific Reports</i> , 2017, 7, 16807.	3.3	1
5	Tailoring Panchromatic Absorption and Excited-State Dynamics of Tetrapyrroleâ€“Chromophore (Bodipy, Rylene) Arraysâ€“Interplay of Orbital Mixing and Configuration Interaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 17547-17564.	13.7	34
6	Photophysical Properties and Electronic Structure of Porphyrins Bearing Zero to Four <i>meso</i> -Phenyl Substituents: New Insights into Seemingly Well Understood Tetrapyrroles. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9719-9731.	2.5	75
7	Photophysical comparisons of PEGylated porphyrins, chlorins and bacteriochlorins in water. <i>New Journal of Chemistry</i> , 2016, 40, 9648-9656.	2.8	23
8	Panchromatic chromophoreâ€“tetrapyrrole light-harvesting arrays constructed from Bodipy, perylene, terylene, porphyrin, chlorin, and bacteriochlorin building blocks. <i>New Journal of Chemistry</i> , 2016, 40, 8032-8052.	2.8	38
9	Tuning the Electronic Structure and Properties of Peryleneâ€“Porphyrinâ€“Perylene Panchromatic Absorbers. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7434-7450.	2.5	12
10	Bioconjugatable, PEGylated hydroporphyrins for photochemistry and photomedicine. Narrow-band, red-emitting chlorins. <i>New Journal of Chemistry</i> , 2016, 40, 7721-7740.	2.8	29
11	Bioconjugatable, PEGylated hydroporphyrins for photochemistry and photomedicine. Narrow-band, near-infrared-emitting bacteriochlorins. <i>New Journal of Chemistry</i> , 2016, 40, 7750-7767.	2.8	15