

Buddhadev Maiti

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1307594

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times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Screened Range-Separated Hybrid Functional with Polarizable Continuum Model Overcomes Challenges in Describing Triplet Excitations in the Condensed Phase Using TDDFT. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 3287-3293.	5.3	29
2	Enhancing charge mobilities in organic semiconductors by selective fluorination: a design approach based on a quantum mechanical perspective. <i>Chemical Science</i> , 2017, 8, 6947-6953.	7.4	20
3	What Is the Optoelectronic Effect of the Capsule on the Guest Molecule in Aqueous Host/Guest Complexes? A Combined Computational and Spectroscopic Perspective. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15481-15488.	3.1	17
4	Enhancing charge mobilities in selectively fluorinated oligophenyl organic semiconductors: a design approach based on experimental and computational perspectives. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3881-3888.	5.5	16
5	Excitonic Interactions in Bacteriochlorin Homo-Dyads Enable Charge Transfer: A New Approach to the Artificial Photosynthetic Special Pair. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4131-4140.	2.6	15
6	Molecular-Level Exploration of the Structure-Function Relations Underlying Interfacial Charge Transfer in the Subphthalocyanine/ C_{60} Organic Photovoltaic System. <i>Physical Review Applied</i> , 2020, 13, .	3.8	14
7	Photoinduced charge transfer in Zn(II) and Au(III)-ligated symmetric and asymmetric bacteriochlorin dyads: A computational study. <i>Journal of Chemical Physics</i> , 2020, 153, 134111.	3.0	13
8	Photoinduced Homolytic Bond Cleavage of the Central Si-C Bond in Porphyrin Macrocycles Is a Charge Polarization Driven Process. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7634-7640.	2.5	6
9	Electronic Spectra of C_{60} Films Using Screened Range Separated Hybrid Functionals. <i>Journal of Physical Chemistry A</i> , 2021, 125, 7625-7632.	2.5	5
10	Enhancing charge mobilities in self-assembled $N\text{-}\pi$ halogen bonded organic semiconductors: A design approach based on experimental and computational perspectives. <i>Organic Electronics</i> , 2020, 79, 105637.	2.6	3