

Palas Roy

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

120
citations

5
h-index

10
g-index

12
ext. papers

163
ext. citations

7.4
avg, IF

2.62
L-index

#	Paper	IF	Citations
11	Ultrafast Excimer Formation and Solvent Controlled Symmetry Breaking Charge Separation in the Excitonically Coupled Subphthalocyanine Dimer. <i>Angewandte Chemie</i> , 2021 , 133, 10662-10666	3.6	1
10	Excited State Structure Correlates with Efficient Photoconversion in Unidirectional Motors. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 3367-3372	6.4	3
9	Excited State Resonance Raman of Flavin Mononucleotide: Comparison of Theory and Experiment. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 6171-6179	2.8	5
8	Hot-carriers in organic photovoltaics. <i>Pure and Applied Chemistry</i> , 2021 , 93, 223-230	2.1	0
7	Photophysics of First-Generation Photomolecular Motors: Resolving Roles of Temperature, Friction, and Medium Polarity. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 1711-1719	2.8	3
6	Ultrafast Excimer Formation and Solvent Controlled Symmetry Breaking Charge Separation in the Excitonically Coupled Subphthalocyanine Dimer. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10568-10572	16.4	12
5	Ultrafast Excited State Dynamics in a First Generation Photomolecular Motor. <i>ChemPhysChem</i> , 2020 , 21, 594-599	3.2	6
4	Low energy excited state vibrations revealed in conjugated copolymer PCDTBT. <i>Journal of Chemical Physics</i> , 2020 , 152, 044201	3.9	1
3	Spin density encodes intramolecular singlet exciton fission in pentacene dimers. <i>Nature Communications</i> , 2019 , 10, 33	17.4	22
2	Ultrafast bridge planarization in donor-acceptor copolymers drives intramolecular charge transfer. <i>Nature Communications</i> , 2017 , 8, 1716	17.4	53
1	Photoinduced charge generation rates in soluble P3HT : PCBM nano-aggregates predict the solvent-dependent film morphology. <i>Nanoscale</i> , 2016 , 8, 2768-77	7.7	14