

# Palas Roy

## List of Publications by Citations

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