

Arjun Puthiyedath

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dynamic Covalent Formation of Concave Disulfide Macrocycles Mechanically Interlocked with Single-Walled Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18774-18785.	13.8	35
2	Interfacing porphyrins and carbon nanotubes through mechanical links. <i>Chemical Science</i> , 2018, 9, 6779-6784.	7.4	29
3	Reversible Charge Transfer with Single-Walled Carbon Nanotubes Upon Harvesting the Low Energy Part of the Solar Spectrum. <i>Small</i> , 2020, 16, e1906745.	10.0	13
4	Exciton Dynamics in J- and H-Aggregates of a Tricarbocyanine Near-Infrared Dye. <i>Journal of Physical Chemistry C</i> , 2021, 125, 9855-9865.	3.1	13
5	Photon- and Charge-Management in Advanced Energy Materials: Combining 0D, 1D, and 2D Nanocarbons as well as Bulk Semiconductors with Organic Chromophores. <i>Advanced Energy Materials</i> , 2021, 11, 2002831.	19.5	12
6	Amphiphilic Zinc Porphyrin Single-Walled Carbon Nanotube Hybrids: Efficient Formation and Excited State Charge Transfer Studies. <i>Small</i> , 2021, 17, 2005648.	10.0	10
7	Mechanische Verzahnung von einwandigen Kohlenstoffnanoröhren durch dynamisch-kovalente Bildung von konkaven Disulfidmakrozyklen. <i>Angewandte Chemie</i> , 2020, 132, 18933-18945.	2.0	8
8	Collecting up to 115% of Singlet-Fission Products by Single-Walled Carbon Nanotubes. <i>ACS Nano</i> , 2020, 14, 8875-8886.	14.6	7
9	Efficient charge-transfer from diketopyrrolopyrroles to single-walled carbon nanotubes. <i>Nanoscale</i> , 2021, 13, 11544-11551.	5.6	4
10	Merging Carbon Nanostructures with Porphyrins. , 2021, , 1-46.		1