

Molecular Aggregate Photophysics beyond the Kasha Model Organic Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
4	Polyhedral oligomeric silsesquioxanes (POSSs): an important building block for organic optoelectronic materials. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5283-5298.	2.7	138
5	Improving the Quantum Yields of Perylene Diimide Aggregates by Increasing Molecular Hydrophobicity in Polar Media. <i>ChemPhysChem</i> , 2017, 18, 2430-2441.	1.0	10
6	Hexaazatriphenylene-Based Hydrogen-Bonded Organic Framework with Permanent Porosity and Single-Crystallinity. <i>Chemistry - A European Journal</i> , 2017, 23, 11611-11619.	1.7	80
7	Quantum Interference in Singlet Fission: J- and H-Aggregate Behavior. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5105-5112.	2.1	37
8	Strong Coupling between Self-Assembled Molecules and Surface Plasmon Polaritons. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5626-5632.	2.1	10
9	Solid State Luminescence Enhancement in π -Conjugated Materials: Unraveling the Mechanism beyond the Framework of AIE/AIEE. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23166-23183.	1.5	157
10	Exciton Transport in Molecular Aggregates – From Natural Antennas to Synthetic Chromophore Systems. <i>Advanced Energy Materials</i> , 2017, 7, 1700236.	10.2	249
11	A Crystalline π -Stack Containing Five Stereoisomers: Insights into Conformational Isomorphism, Chirality Inversion, and Disorder. <i>Angewandte Chemie</i> , 2017, 129, 11936-11940.	1.6	15
12	A Crystalline π -Stack Containing Five Stereoisomers: Insights into Conformational Isomorphism, Chirality Inversion, and Disorder. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11774-11778.	7.2	34
13	Spectroscopic Investigation and Theoretical Modeling of Benzothiadiazole-Based Charge-Transfer Chromophores: From Solution to Nanoaggregates. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17466-17478.	1.5	26
14	Spectroscopic Study of Thiophene-Pyrrole-Containing S,N-Heteroheptacenes Compared to Acenes and Phenacenes. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7492-7501.	1.2	8
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16	Using Heterodyne-Detected Electronic Sum Frequency Generation To Probe the Electronic Structure of Buried Interfaces. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18653-18664.	1.5	24
17	Near-Infrared Quantum Dot Emission Enhanced by Stabilized Self-Assembled J-Aggregate Antennas. <i>Nano Letters</i> , 2017, 17, 7665-7674.	4.5	42
18	Excited-State Aromatic Interactions in the Aggregation-Induced Emission of Molecular Rotors. <i>Journal of the American Chemical Society</i> , 2017, 139, 17882-17889.	6.6	141
19	Spotlight on Excitonic Coupling in Polymorphic and Textured Anilino Squaraine Thin Films. <i>Crystal Growth and Design</i> , 2017, 17, 6455-6466.	1.4	36
20	Macroscopic Alignment and Assembly of π -Conjugated Oligopeptides Using Colloidal Microchannels. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41586-41593.	4.0	13
21	Understanding the polymorphism-dependent emission properties of molecular crystals using a refined QM/MM approach. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 17516-17520.	1.3	8

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23	Tuning Structure-Function Properties of π -Conjugated Superstructures by Redox-Assisted Self-Assembly. <i>Chemistry of Materials</i> , 2018, 30, 2143-2150.	3.2	23
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27	Fluorescent Cyanine Dye J-Aggregates in the Fluorous Phase. <i>Journal of the American Chemical Society</i> , 2018, 140, 2727-2730.	6.6	63
28	Magic-Angle Stacking and Strong Intermolecular π - π Interaction in a Perylene Bisimide Crystal: An Approach for Efficient Near-Infrared (NIR) Emission and High Electron Mobility. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 596-600.	2.1	37
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39	Multimolecular assemblies on high surface area metal oxides and their role in interfacial energy and electron transfer. <i>Chemical Society Reviews</i> , 2018, 47, 104-148.	18.7	78

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41	Singlet Fission Involves an Interplay between Energetic Driving Force and Electronic Coupling in Perylenediimide Films. <i>Journal of the American Chemical Society</i> , 2018, 140, 814-826.	6.6	167
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77	Solvent Effects: A Signature of J- and H-Aggregate of Carbon Nanodots in Polar Solvents. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7420-7429.	1.1	19
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87	Purely Organic Crystals Exhibit Bright Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13522-13531.	7.2	72
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#	ARTICLE	IF	CITATIONS
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