

Expanded Theory of H- and J-Molecular Aggregates: The Intermolecular Charge Transfer

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Citation Report

#	ARTICLE	IF	CITATIONS
5	Aromatic Charge Resonance Interaction Probed by Infrared Spectroscopy. <i>Angewandte Chemie</i> , 2019, 131, 3389-3393.	1.6	2
6	Concerted Interplay of Excimer and Dipole Coupling Governs the Exciton Relaxation Dynamics in Crystalline Anthracenes. <i>Chemistry - A European Journal</i> , 2018, 24, 18089-18096.	1.7	24
7	Null Exciton Splitting in Chromophoric Greek Cross...(+) Aggregate. <i>Angewandte Chemie</i> , 2018, 130, 15922-15927.	1.6	11
8	Dynamically Monitoring Cell Viability in a Dual-Color Mode: Construction of an Aggregation/Monomer-Based Probe Capable of Reversible Mitochondria-Nucleus Migration. <i>Angewandte Chemie</i> , 2018, 130, 16744-16748.	1.6	9
9	Null Exciton Splitting in Chromophoric Greek Cross...(+) Aggregate. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15696-15701.	7.2	68
10	Near-Field Spectroscopy of Nanoscale Molecular Aggregates. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6003-6010.	2.1	13
11	Exploration of dynamic self-assembly mediated nanoparticle formation using perylenemonoimide-pyrene conjugate: a tool towards single-component white-light emission. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11328-11335.	2.7	14
12	Structure-Based Theory of Fluctuation-Induced Energy Transfer in a Molecular Dyad. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5940-5947.	2.1	15
13	Dynamically Monitoring Cell Viability in a Dual-Color Mode: Construction of an Aggregation/Monomer-Based Probe Capable of Reversible Mitochondria-Nucleus Migration. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16506-16510.	7.2	108
14	4-Chloro-L-kynurenine as fluorescent amino acid in natural peptides. <i>Amino Acids</i> , 2018, 50, 1697-1705.	1.2	11
15	Complex momentum behavior of electronic excitations in $\text{I}^2\text{-CuPc}$. <i>Journal of Chemical Physics</i> , 2018, 149, 084704.	1.2	5
16	Extracting structural information from MEH-PPV optical spectra. <i>Journal of Chemical Physics</i> , 2018, 149, 044903.	1.2	4
17	Discrete π -Stacks of Perylene Bisimide Dyes within Folda-Dimers: Insight into Long- and Short-Range Exciton Coupling. <i>Journal of the American Chemical Society</i> , 2018, 140, 9986-9995.	6.6	136
18	Tuning crystallochromism in diketopyrrolopyrrole-co-thieno[3,2-b]thiophene derivatives by the architecture of their alkyl side chains. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9140-9151.	2.7	13
19	Deciphering the potentiometric properties of (porphinato)zinc-derived supramolecular polymers and related superstructures. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11980-11991.	2.7	11
20	Perylene Diimide-Based H _j - and h _j -Aggregates: The Prospect of Exciton Band Shape Engineering in Organic Materials. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20567-20578.	1.5	91
21	Control of Multicolor and White Emission by Adjusting the Equilibrium between Fluorophores, Lewis Acids, and Their Complexes in Polymers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14457-14461.	7.2	31
22	Polarons in π -conjugated ladder-type polymers: a broken symmetry density functional description. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12876-12885.	2.7	21

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23	Fourth order expressions for the electronic absorption lineshape of molecular excitons. <i>Journal of Chemical Physics</i> , 2019, 151, 044110.	1.2	2
24	Control of Multicolor and White Emission by Adjusting the Equilibrium between Fluorophores, Lewis Acids, and Their Complexes in Polymers. <i>Angewandte Chemie</i> , 2019, 131, 14599-14603.	1.6	11
25	Pigmentation of White, Brown, and Green Chicken Eggshells Analyzed by Reflectance, Transmittance, and Fluorescence Spectroscopy. <i>ChemistryOpen</i> , 2019, 8, 1084-1093.	0.9	7
26	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
27	Crossed 2D versus Slipped 1D π - π Stacking in Polymorphs of Crystalline Organic Thin Films: Impact on the Electronic and Optical Response. <i>Advanced Optical Materials</i> , 2019, 7, 1900749.	3.6	13
28	Utilizing the Organizational Power of DNA Scaffolds for New Nanophotonic Applications. <i>Advanced Optical Materials</i> , 2019, 7, 1900562.	3.6	30
29	Design Principles for Two-Dimensional Molecular Aggregates Using Kasha's Model: Tunable Photophysics in Near and Short-Wave Infrared. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18702-18710.	1.5	31
30	Homo-FRET in π -Conjugated Polygons: Intermediate-Strength Dipole-Dipole Coupling Makes Energy Transfer Reversible. <i>Nano Letters</i> , 2019, 19, 5483-5488.	4.5	8
31	Removing instabilities in the hierarchical equations of motion: Exact and approximate projection approaches. <i>Journal of Chemical Physics</i> , 2019, 150, 184109.	1.2	46
32	Essential States Model for Merocyanine Dye Stacks: Bridging Electronic and Optical Absorption Properties. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18654-18664.	1.5	21
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34	Davydov Splitting in Squaraine Dimers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18734-18745.	1.5	41
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36	Stable J-Aggregation of an aza-BODIPY-Lipid in a Liposome for Optical Cancer Imaging. <i>Angewandte Chemie</i> , 2019, 131, 13528-13533.	1.6	39
37	Bis(merocyanine) Hetero-Folded Dimers: Evaluation of Exciton Coupling between Different Types of π -Stacked Chromophores. <i>Chemistry - A European Journal</i> , 2019, 25, 11294-11301.	1.7	11
38	Bis(merocyanine) Homo-Folded Dimers: Evaluation of Electronic and Spectral Changes in Well-Defined Dye Aggregate Geometries. <i>Chemistry - A European Journal</i> , 2019, 25, 11285-11293.	1.7	11
39	A comprehensive insight on H-type aggregation in Congo red-surfactant systems revealed through spectroscopic and electrochemical study unified with a simulation framework. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 15584-15594.	1.3	21
40	Quantum Chemical Modeling of the Photoinduced Activity of Multichromophoric Biosystems. <i>Chemical Reviews</i> , 2019, 119, 9361-9380.	23.0	73

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41	Achieving Long-Lived Triplet States in Intramolecular SF Films through Molecular Engineering. <i>CheM</i> , 2019, 5, 2405-2417.	5.8	31
42	Photo-Oxidation Reveals H-Aggregates Hidden in Spin-Cast-Conjugated Polymer Films as Observed by Two-Dimensional Polarization Imaging. <i>Chemistry of Materials</i> , 2019, 31, 8927-8936.	3.2	6
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44	Excited State Properties of Fucoxanthin Aggregates. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 627-635.	1.3	1
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46	Theoretical Study on the Optical Properties of Multichromophoric Systems Based on an Exciton Approach: Modification Guidelines. <i>ChemPhotoChem</i> , 2019, 3, 663-663.	1.5	0
47	Generalized Kasha's Model: T-Dependent Spectroscopy Reveals Short-Range Structures of 2D Excitonic Systems. <i>CheM</i> , 2019, 5, 3135-3150.	5.8	20
48	Coherent Real-Space Charge Transport Across a Donor-Acceptor Interface Mediated by Vibronic Couplings. <i>Nano Letters</i> , 2019, 19, 8630-8637.	4.5	14
49	Excitons in Carbonic Nanostructures. <i>Journal of Carbon Research</i> , 2019, 5, 71.	1.4	41
50	Interplay Between π - and σ -Type Coupling in Aggregates of π -Conjugated Polymers: A Single-Molecule Perspective. <i>Angewandte Chemie</i> , 2019, 131, 19074-19078.	1.6	3
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58	Non-Kasha Behavior in Quadrupolar Dye Aggregates: The Red-Shifted H-Aggregate. <i>Journal of Physical Chemistry C</i> , 2019, 123, 3203-3215.	1.5	56

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87	Confinement Effect of Micro- and Mesoporous Materials on the Spectroscopy and Dynamics of a Stilbene Derivative Dye. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1316.	1.8	7
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108	Renaissance of Organic Triboluminescent Materials. <i>Angewandte Chemie</i> , 2019, 131, 8004-8014.	1.6	10
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114	One- to Two-Exciton Transitions in Perylene Bisimide Dimer Revealed by Two-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1594-1601.	1.1	12
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135	A H-aggregating fluorescent probe for recognizing both mercury and copper ions based on a dicarboxyl-pyridyl bifunctionalized difluoroboron dipyrromethene. <i>New Journal of Chemistry</i> , 2020, 44, 19713-19722.	1.4	8
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