

Kepeng Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3461184/publications.pdf>

Version: 2024-02-01

16
papers

717
citations

759233

12
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge separation, charge recombination, long-lived charge transfer state formation and intersystem crossing in organic electron donor/acceptor dyads. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12048-12074.	5.5	137
2	Recent progress in heavy atom-free organic compounds showing unexpected intersystem crossing (ISC) ability. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3692-3701.	2.8	105
3	Triplet Excited State of BODIPY Accessed by Charge Recombination and Its Application in Triplet-Triplet Annihilation Upconversion. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7550-7564.	2.5	96
4	Different Quenching Effect of Intramolecular Rotation on the Singlet and Triplet Excited States of Bodipy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 185-193.	3.1	71
5	Bodipy Derivatives as Triplet Photosensitizers and the Related Intersystem Crossing Mechanisms. <i>Frontiers in Chemistry</i> , 2019, 7, 821.	3.6	62
6	Precise Control of the Electronic Coupling Magnitude between the Electron Donor and Acceptor in Perylenebisimide Derivatives via Conformation Restriction and Its Effect on Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3756-3772.	3.1	49
7	Phosphorus corrole complexes: from property tuning to applications in photocatalysis and triplet-triplet annihilation upconversion. <i>Chemical Science</i> , 2019, 10, 7091-7103.	7.4	48
8	Efficient Intersystem Crossing in the Tröger's Base Derived From 4-Amino-1,8-Naphthalimide and Application as a Potent Photodynamic Therapy Reagent. <i>Chemistry - A European Journal</i> , 2020, 26, 3591-3599.	3.3	32
9	Anthracene-Naphthalenediimide Compact Electron Donor/Acceptor Dyads: Electronic Coupling, Electron Transfer, and Intersystem Crossing. <i>Journal of Physical Chemistry A</i> , 2019, 123, 2503-2516.	2.5	31
10	Anthryl-Appended Platinum(II) Schiff Base Complexes: Exceptionally Small Stokes Shift, Triplet Excited States Equilibrium, and Application in Triplet-Triplet-Annihilation Upconversion. <i>Inorganic Chemistry</i> , 2020, 59, 14731-14745.	4.0	23
11	Intersystem Crossing and Electron Spin Selectivity in Anthracene-Naphthalimide Compact Electron Donor-Acceptor Dyads Showing Different Geometry and Electronic Coupling Magnitudes. <i>Chemistry - A European Journal</i> , 2021, 27, 7572-7587.	3.3	21
12	Near-IR-Absorbing BODIPY-5,10-Dihydrophenazine Compact Electron Donor/Acceptor Dyads and Triads: Spin-Orbit Charge Transfer Intersystem Crossing and Charge-Transfer State. <i>ChemPhotoChem</i> , 2020, 4, 487-501.	3.0	14
13	Hetero-bichromophore Dyad as a Highly Efficient Triplet Acceptor for Polarity Tuned Triplet-Triplet Annihilation Upconversion. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4368-4373.	4.6	11
14	Sulfur vs. tellurium: the heteroatom effects on the nonfullerene acceptors. <i>Science China Chemistry</i> , 2019, 62, 897-903.	8.2	10
15	Effect of molecular conformation on the efficiency of the spin orbital charge recombination-induced intersystem crossing in bianthrils. <i>Dyes and Pigments</i> , 2021, 187, 109121.	3.7	7
16	Intramolecular and Intra-assembly Triplet Energy Transfer. , 2019, , 29-54.		0