

Yuqi Hou

List of Publications by Year in descending order

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26
papers

972
citations

516215

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552369

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docs citations

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times ranked

971
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.	2.7	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.	1.5	105
3	Recent development of the transition metal complexes showing strong absorption of visible light and long-lived triplet excited state: From molecular structure design to photophysical properties and applications. <i>Coordination Chemistry Reviews</i> , 2020, 417, 213371.	9.5	79
4	Spin-Orbit Charge Recombination Intersystem Crossing in Phenothiazine-Anthracene Compact Dyads: Effect of Molecular Conformation on Electronic Coupling, Electronic Transitions, and Electron Spin Polarizations of the Triplet States. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27850-27865.	1.5	76
5	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.	1.5	71
6	An exceptionally long-lived triplet state of red light-absorbing compact phenothiazine-styrylBodipy electron donor/acceptor dyads: a better alternative to the heavy atom-effect?. <i>Chemical Communications</i> , 2020, 56, 1721-1724.	2.2	61
7	Recent development of heavy-atom-free triplet photosensitizers: molecular structure design, photophysics and application. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11944-11973.	2.7	55
8	Balance between Triplet States in Photoexcited Orthogonal BODIPY Dimers. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4157-4163.	2.1	45
9	Electronic coupling and spin-orbit charge transfer intersystem crossing (SOCT-ISC) in compact BDP-carbazole dyads with different mutual orientations of the electron donor and acceptor. <i>Journal of Chemical Physics</i> , 2020, 152, 114701.	1.2	40
10	Insight into the drastically different triplet lifetimes of BODIPY obtained by optical/magnetic spectroscopy and theoretical computations. <i>Chemical Science</i> , 2021, 12, 2829-2840.	3.7	37
11	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.	1.7	32
12	Study of the Spin-Orbit Charge Transfer Intersystem Crossing of Perylenemonoimide-Phenothiazine Compact Electron Donor/Acceptor Dyads with Steady-State and Time-Resolved Optical and Magnetic Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18270-18282.	1.5	28
13	Long-Lived Local Triplet Excited State and Charge Transfer State of 4,4-Dimethoxy Triphenylamine-BODIPY Compact Electron Donor/Acceptor Dyads. <i>Journal of Physical Chemistry A</i> , 2020, 124, 9360-9374.	1.1	26
14	Triplet Photosensitizers Showing Strong Absorption of Visible Light and Long-Lived Triplet Excited States and Application in Photocatalysis: A Mini Review. <i>Energy & Fuels</i> , 2021, 35, 18942-18956.	2.5	26
15	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.	1.9	23
16	Spatially confined photoexcitation with triplet-triplet annihilation upconversion. <i>Chemical Communications</i> , 2021, 57, 9044-9047.	2.2	20
17	Enhanced cocatalyst-free photocatalytic H ₂ evolution by the synergistic AIE and FRET for an Ir-complex conjugated porphyrin. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4440-4445.	5.2	17
18	Constructing Multi-Stimuli-Responsive Luminescent Materials through Outer Sphere Electron Transfer in Ion Pairs. <i>Advanced Optical Materials</i> , 2019, 7, 1801657.	3.6	14

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19	Spin-Orbit Charge-Transfer Intersystem Crossing of Compact Naphthalenediimide-Carbazole Electron-Donor-Acceptor Triads. <i>Journal of Physical Chemistry B</i> , 2021, 125, 10813-10831.	1.2	14
20	The effect of one-atom substitution on the photophysical properties and electron spin polarization: Intersystem crossing of compact orthogonal perylene/phenoxazine electron donor/acceptor dyad. <i>Journal of Chemical Physics</i> , 2020, 153, 184312.	1.2	13
21	BODIPY-vinyl dibromides as triplet sensitizers for photodynamic therapy and triplet-triplet annihilation upconversion. <i>Chemical Communications</i> , 2021, 57, 6039-6042.	2.2	13
22	TREPR Study of the Anisotropic Spin-Lattice Relaxation Induced by Intramolecular Energy Transfer in Orthogonal BODIPY Dimers. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3939-3951.	1.5	12
23	Fluorescence quenched and boosted by a-PET effect and host-guest complexation respectively in BODIPY-functionalized pillar[5]arene. <i>Dyes and Pigments</i> , 2021, 188, 109163.	2.0	12
24	Weakened Triplet-Triplet Annihilation of Diiodo-BODIPY Moieties without Influence on Their Intrinsic Triplet Lifetimes in Diiodo-BODIPY-Functionalized Pillar[5]arenes. <i>Journal of Physical Chemistry A</i> , 2021, 125, 2344-2355.	1.1	8
25	3,5-Anthryl-Bodipy dyad/triad: Preparation, effect of F-B-F induced conformation restriction on the photophysical properties, and application in triplet-triplet-annihilation upconversion. <i>Journal of Chemical Physics</i> , 2020, 153, 224304.	1.2	5
26	a-PET and Weakened Triplet-Triplet Annihilation Self-Quenching Effects in Benzo-21-Crown-7-Functionalized Diiodo-BODIPY. <i>ACS Omega</i> , 2021, 6, 28356-28365.	1.6	3