Jianzhang Zhao

List of Publications by Year
in descending order

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		5529	9231
443	25,932	81	141
papers	citations	h-index	g-index

470	470	470	19845
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of the charge-separated state on the 3MLCT state: Synthesis and study of the photophysics of electron donor-acceptor dyads based on Pt(II)-Schiff base coordination framework and naphthalenediimide chromophore. Journal of Organometallic Chemistry, 2024, 1006, 123004.	1.9	0
2	A Rational Way to Control the Triplet State Wave Function Confinement of Organic Chromophores: Effect of the Connection Sites and Spin Density Distribution-Guided Molecular Structure Design Principles in Bodipy Dimers. Journal of Physical Chemistry Letters, 2024, 15, 959-968.	4.8	2
3	Red-light operable photosensitizer with symmetry-breaking charge transfer induced intersystem crossing for polymerization of methyl methacrylate. Chemical Communications, 2024, 60, 2385-2388.	4.2	0
4	The Rhodamineâ€“Perylene Compact Electron Donorâ€“Acceptor Dyad: Spin-Orbit Charge-Transfer Intersystem Crossing and the Energy Balance of the Triplet Excited States. Photochem, 2024, 4, 40-56.	2.3	0
5	tert-Butyl substituted aza-BODIPY-based bromides for phototherapy. Dyes and Pigments, 2024, 228, 112213.	3.9	1
6	Tuning Excited State Character in Iridium(III) Photosensitizers and Its Influence on TTA-UC. Inorganic Chemistry, 2024, 63, 9931-9940.	4.2	0
7	Photophysics and photochemistry of thermally activated delayed fluorescence emitters based on the multiple resonance effect: transient optical and electron paramagnetic resonance studies. Chemical Science, 2024, 15, 10867-10881.	7.7	0
8	Radical enhanced intersystem crossing mechanism, electron spin dynamics of high spin states and their applications in the design of heavy atom-free triplet photosensitizers. Organic and Biomolecular Chemistry, 2024, 22, 5257-5283.	2.8	0
9	Charge Transfer and Intersystem Crossing in Compact Naphthalenediimideâ€“Phenothiazine Triads: Synthesis and Study of the Photophysical Property with Transient Optical and Electron Paramagnetic Resonance Spectroscopic Methods. Journal of Physical Chemistry B, 2024, 128, 7237-7253.	2.7	0
10	Platinum(<scp>ii</scp>) bis(arylacetylide) complexes bearing diarylamino-substituted bipyridine ligands for solution-processable phosphorescent OLED applications. Dalton Transactions, 2024, 53, 16322-16334.	3.4	0
11	Origin of Intersystem Crossing in Red-Light Absorbing Bodipy Derivatives: Time-Resolved Transient Optical and Electron Paramagnetic Resonance Spectral Studies with Twisted and Planar Compounds. Journal of Physical Chemistry B, 2024, 128, 9859-9872.	2.7	0
12	Visible-to-near-infrared light-harvesting A-Ï€-D-Ï€-A porphyrins for boosted photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2023, 11, 1473-1481.	10.4	9
13	Detection of the Dark States in Thermally Activated Delayed Fluorescence (TADF) Process of Electron Donorâ€Acceptor Dyads: Insights from Optical Transient Absorption Spectroscopy. Chemistry - A European Journal, 2023, 29, .	3.8	14
14	Recent Developments on Understanding Charge Transfer in Molecular Electron Donorâ€Acceptor Systems. Angewandte Chemie - International Edition, 2023, 62, .	14.6	36
15	Recent Developments on Understanding Charge Transfer in Molecular Electron Donorâ€Acceptor Systems. Angewandte Chemie, 2023, 135, .	2.1	5
16	Indacenodithiophene Bridged Dimeric Porphyrin Donor and Absorption Complementary Indacenodithiophene Acceptor for Nonfullerene Organic Photovoltaics. ACS Applied Energy Materials, 2023, 6, 3032-3041.	5.2	1
17	Heavy Atom-Free Triplet Photosensitizers: Molecular Structure Design, Photophysical Properties and Application in Photodynamic Therapy. Molecules, 2023, 28, 2170.	3.9	8
18	Frontispiece: Detection of the Dark States in Thermally Activated Delayed Fluorescence (TADF) Process of Electron Donorâ€Acceptor Dyads: Insights from Optical Transient Absorption Spectroscopy. Chemistry - A European Journal, 2023, 29, .	3.8	2

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19	Origin of intersystem crossing in highly distorted organic molecules: a case study with red light-absorbingN,N,O,O-boron-chelated Bodipys. Chemical Science, 2023, 14, 5014-5027.	7.7	10
20	Does Twisted Molecular Structure Always Induce Intersystem Crossing? A Case Study with Near-IR Absorbing 1,8-Diazabicyclo[5.4.0]undec-7-ene-fused Naphthaldiimide. Journal of Physical Chemistry A, 2023, 127, 4856-4866.	2.6	3
21	Inorganic Chemistry in Dalian University of Technology: Fundamental Science and Solution for Renewable Energy, Environment, Health, and Materials. European Journal of Inorganic Chemistry, 2023, 26, .	2.2	0
22	Electron transfer and intersystem crossing in the coumarin-anthracene electron donor-acceptor dyads. Dyes and Pigments, 2023, 218, 111480.	3.9	4
23	Preparation of amino-substituted anthraquinone: study of the intersystem crossing and application as efficient photoinitiators for photopolymerization. New Journal of Chemistry, 2023, 47, 10415-10423.	2.7	0
24	Longâ€Lived Charge Separated States in Anthraquinoneâ€Phenothiazine Dyads: Synthesis and Study of the Photophysical Property by Using Transient Optical and Magnetic Resonance Spectroscopies. Chemistry - A European Journal, 2023, 29, .	3.8	5
25	Preparation of Xanthene-TEMPO Dyads: Synthesis and Study of the Radical Enhanced Intersystem Crossing. International Journal of Molecular Sciences, 2023, 24, 11220.	4.2	0
26	Efficient Spinâ€“Orbit Chargeâ€Transfer Intersystem Crossing and Slow Intramolecular Tripletâ€“Triplet Energy Transfer in Bodipyâ€“Perylenebisimide Compact Dyads and Triads. Chemistry - A European Journal, 2023, 29, .	3.8	3
27	Long-Lived Charge-Separated State in Naphthalimideâ€“Phenothiazine Compact Electron Donorâ€“Acceptor Dyads: Effect of Molecular Conformation Restriction and Solvent Polarity. Journal of Physical Chemistry B, 2023, 127, 6982-6998.	2.7	6
28	The effect of thionation of the carbonyl group on the photophysics of compact spiro rhodamine-naphthalimide electron donorâ€“acceptor dyads: intersystem crossing, charge separation, and electron spin dynamics. Physical Chemistry Chemical Physics, 2023, 25, 31667-31682.	2.9	0
29	Fine-tuning of the charge-separated state energy in compact orthogonal naphthaleneâ€“phenoxazine dyads and its effect on the thermally-activated delayed fluorescence. New Journal of Chemistry, 2023, 47, 22418-22429.	2.7	0
30	Tailoring flavin-based photosensitizers for efficient photooxidative coupling of benzylic amines. Physical Chemistry Chemical Physics, 2023, 26, 161-173.	2.9	3
31	Tailoring flavin-based photosensitizers for efficient photooxidative coupling of benzylic amines. Physical Chemistry Chemical Physics, 2023, 26, 161-173.	2.9	0
32	Organic Triplet Photosensitizers for Triplet-Triplet Annihilation Upconversion. , 2022, , 71-105.		2
33	Enhanced cocatalyst-free photocatalytic H₂ evolution by the synergistic AIE and FRET for an Ir-complex conjugated porphyrin. Journal of Materials Chemistry A, 2022, 10, 4440-4445.	10.4	20
34	Application of time-resolved electron paramagnetic resonance spectroscopy in the mechanistic study of thermally activated delayed fluorescence (TADF) materials. Journal of Materials Chemistry C, 2022, 10, 4546-4557.	5.5	10
35	Novel Water-Soluble Chlorin-Based Photosensitizer for Low-Fluence Photodynamic Therapy. ACS Pharmacology and Translational Science, 2022, 5, 110-117.	4.7	6
36	Long-Lived Triplet Charge Separated State and Thermally Activated Delayed Fluorescence in a Compact Orthogonal Anthraquinoneâ€“Phenothiazine Electron Donorâ€“Acceptor Dyad. Journal of Physical Chemistry Letters, 2022, 13, 2533-2539.	4.8	20

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37	Radicalâ€Enhanced Intersystem Crossing in Peryleneâ€Oxoverdazyl Radical Dyads. ChemPhysChem, 2022, 23, .	2.3	5
38	Intersystem Crossing and Electron Spin Dynamics of Photoexcited Bodipy Dimers. Journal of Physical Chemistry C, 2022, 126, 5473-5482.	3.2	4
39	Longâ€Lived Chargeâ€Transfer State in Spiro Compact Electron Donorâ€“Acceptor Dyads Based on Pyromellitimideâ€Derived Rhodamine: Charge Transfer Dynamics and Electron Spin Polarization. Angewandte Chemie - International Edition, 2022, 61, .	14.6	18
40	FÃ¶rster and Dexter energy transfer boosted and weakened respectively by hostâ^'guest complexations between cyano-containing perylene diimide and BODIPY/diiodo-BODIPY functionalized pillar[5]arenes. Dyes and Pigments, 2022, 202, 110297.	3.9	2
41	Longâ€Lived Chargeâ€Transfer State in Spiro Compact Electron Donorâ€“Acceptor Dyads Based on Pyromellitimideâ€Derived Rhodamine: Charge Transfer Dynamics and Electron Spin Polarization. Angewandte Chemie, 2022, 134, .	2.1	4
42	Red Lightâ€Emitting Thermallyâ€Activated Delayed Fluorescence of Naphthalimideâ€Phenoxazine Electron Donorâ€Acceptor Dyad: Timeâ€Resolved Optical and Magnetic Spectroscopic Studies. Chemistry - A European Journal, 2022, 28, .	3.8	17
43	Photophysical Properties of Naphthalene-oxacalix[m]arene and Recognition of Fullerene C₆₀. ACS Omega, 2022, 7, 15411-15422.	3.6	2
44	Long-lived excited states of platinum(<scp>ii</scp>)-porphyrins for highly efficient photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2022, 10, 13402-13409.	10.4	15
45	Boosting sulfides photooxidation by fusing naphthalimide and flavin together. Physical Chemistry Chemical Physics, 2022, 24, 15255-15264.	2.9	6
46	Naphthalimideâ€“Carbazole Compact Electron Donorâ€“Acceptor Dyads: Effect of Molecular Geometry and Electron-Donating Capacity on the Spin-Orbit Charge Transfer Intersystem Crossing. Journal of Physical Chemistry A, 2022, 126, 3653-3668.	2.6	10
47	Charge Separation and Intersystem Crossing in Homo- and Hetero-Compact Naphthalimide Dimers. Journal of Physical Chemistry B, 2022, 126, 4364-4378.	2.7	9
48	Long-lived charge separated state and thermally activated delayed fluorescence in anthraquinone-phenoxazine electron donorâ€“acceptor dyads. Chemical Communications, 2022, 58, 7666-7669.	4.2	18
49	Efficient symmetry breaking spinâ€“orbit charge transfer-induced intersystem crossing in compact orthogonal perylene-phenothiazine or -phenoxazine triads and observation of the delayed fluorescence. Journal of Materials Chemistry C, 2022, 10, 9758-9772.	5.5	7
50	Thiopheneâ€“Perylenediimide Bridged Dimeric Porphyrin Donors Based on the Donorâ€“Acceptorâ€“Donor Structure for Organic Photovoltaics. ACS Applied Energy Materials, 2022, 5, 7287-7296.	5.2	8
51	Frontispiz: Longâ€Lived Chargeâ€Transfer State in Spiro Compact Electron Donorâ€“Acceptor Dyads Based on Pyromellitimideâ€Derived Rhodamine: Charge Transfer Dynamics and Electron Spin Polarization. Angewandte Chemie, 2022, 134, .	2.1	0
52	Frontispiece: Longâ€Lived Chargeâ€Transfer State in Spiro Compact Electron Donorâ€“Acceptor Dyads Based on Pyromellitimideâ€Derived Rhodamine: Charge Transfer Dynamics and Electron Spin Polarization. Angewandte Chemie - International Edition, 2022, 61, .	14.6	0
53	Spiro rhodamine-coumarin compact electron donorâ€“acceptor dyads: synthesis and spinâ€“orbit charge transfer intersystem crossing. Photochemical and Photobiological Sciences, 2022, 21, 2153-2168.	2.9	3
54	Molecular design of DBA-type five-membered heterocyclic rings to achieve 200% exciton utilization for electroluminescence. Materials Horizons, 2022, 9, 2518-2523.	12.6	6

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55	Charge Separation/Recombination, Intersystem Crossing, and Unusually Slow Intramolecular Tripletâ€“Triplet Energy Transfer in Naphthalenediimideâ€“Anthracene Compact Energy Donorâ€“Acceptor Dyads. Journal of Physical Chemistry Letters, 2022, 13, 8740-8748.	4.8	9
56	Singlet Fission from Upper Excited States of Bodipy Crystalline Film and Single Crystal. Journal of Physical Chemistry C, 2022, 126, 17212-17222.	3.2	5
57	A long-lived charge-separated state of spiro compact electron donorâ€“acceptor dyads based on rhodamine and naphthalenediimide chromophores. Chemical Science, 2022, 13, 13426-13441.	7.7	13
58	Recent Development of Heavy Atom-Free Triplet Photosensitizers for Photodynamic Therapy. Applied Sciences (Switzerland), 2022, 12, 9933.	2.6	16
59	Confinement of the Triplet States in Ï€â€Conjugated BODIPY Dimers Linked with Ethynylene or Butadiynylene Bridges: A Different View on the Effect of Symmetry. Angewandte Chemie - International Edition, 2022, 61, .	14.6	6
60	Observation of the triplet energy transfer in orthogonal photoexcited iodinated-BODIPY dimers. Physical Chemistry Chemical Physics, 2022, 25, 209-216.	2.9	1
61	Thienyl/phenyl bay-substituted perylenebisimides: Intersystem crossing and application as heavy atom-free triplet photosensitizers. Dyes and Pigments, 2021, 184, 108708.	3.9	18
62	Radicalâ€Enhanced Intersystem Crossing in a Bayâ€Substituted Perylene Bisimideâ^'TEMPO Dyad and the Electron Spin Polarization Dynamics upon Photoexcitation**. ChemPhysChem, 2021, 22, 55-68.	2.3	27
63	Iridium(III) Sensitisers and Energy Upconversion: The Influence of Ligand Structure upon TTAâ€UC Performance. Chemistry - A European Journal, 2021, 27, 3427-3439.	3.8	22
64	Electron spin-controlled charge transfer and the resulting long-lived charge transfer state: from transition metal complexes to organic compounds. Dalton Transactions, 2021, 50, 59-67.	3.4	14
65	Twisted BODIPY derivative: intersystem crossing, electron spin polarization and application as a novel photodynamic therapy reagent. Physical Chemistry Chemical Physics, 2021, 23, 8641-8652.	2.9	44
66	Insight into the drastically different triplet lifetimes of BODIPY obtained by optical/magnetic spectroscopy and theoretical computations. Chemical Science, 2021, 12, 2829-2840.	7.7	47
67	Recent development of heavy-atom-free triplet photosensitizers: molecular structure design, photophysics and application. Journal of Materials Chemistry C, 2021, 9, 11944-11973.	5.5	71
68	Electron spin dynamics in excited state photochemistry: recent development in the study of intersystem crossing and charge transfer in organic compounds. Physical Chemistry Chemical Physics, 2021, 23, 15835-15868.	2.9	14
69	Spatially confined photoexcitation with tripletâ€“triplet annihilation upconversion. Chemical Communications, 2021, 57, 9044-9047.	4.2	21
70	BODIPYâ€“vinyl dibromides as triplet sensitisers for photodynamic therapy and tripletâ€“triplet annihilation upconversion. Chemical Communications, 2021, 57, 6039-6042.	4.2	15
71	Exploring the dark: detecting long-lived Nile Red ³ILCT states in Ru(<scp>ii</scp>) polypyridyl photosensitisers. Journal of Materials Chemistry C, 2021, 9, 14573-14577.	5.5	4
72	Photophysical properties of N-methyl and N-acetyl substituted alloxazines: a theoretical investigation. Physical Chemistry Chemical Physics, 2021, 23, 13734-13744.	2.9	7

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73	Controlling the triplet states and their application in external stimuli-responsive tripletâ€“triplet-annihilation photon upconversion: from the perspective of excited state photochemistry. Chemical Society Reviews, 2021, 50, 9686-9714.	39.8	72
74	Spinâ€“Orbit Chargeâ€Transfer Intersystem Crossing in Anthraceneâ€“Perylenebisimide Compact Electron Donorâ€“Acceptor Dyads and Triads and Photochemical Dianion Formation. Chemistry - A European Journal, 2021, 27, 5521-5535.	3.8	19
75	When Does Fusing Two Rings Not Yield a Larger Ring? The Curious Case of BOPHY. Journal of Organic Chemistry, 2021, 86, 4547-4556.	3.3	4
76	Effect of molecular conformation on the efficiency of the spin orbital charge recombination-induced intersystem crossing in bianthryls. Dyes and Pigments, 2021, 187, 109121.	3.9	7
77	Weakened Tripletâ€“Triplet Annihilation of Diiodo-BODIPY Moieties without Influence on Their Intrinsic Triplet Lifetimes in Diiodo-BODIPY-Functionalized Pillar[5]arenes. Journal of Physical Chemistry A, 2021, 125, 2344-2355.	2.6	10
78	Cocatalyst-free Photocatalytic Hydrogen Evolution with Simple Heteroleptic Iridium(III) Complexes. ACS Applied Energy Materials, 2021, 4, 3945-3951.	5.2	22
79	Fluorescence quenched and boosted by a-PET effect and hostâ^'guest complexation respectively in BODIPY-functionalized pillar[5]arene. Dyes and Pigments, 2021, 188, 109163.	3.9	13
80	Intersystem Crossing and Electron Spin Selectivity in Anthraceneâ€Naphthalimide Compact Electron Donorâ€Acceptor Dyads Showing Different Geometry and Electronic Coupling Magnitudes. Chemistry - A European Journal, 2021, 27, 7572-7587.	3.8	27
81	Torsion-Induced Nonradiative Relaxation of the Singlet Excited State of meso-Thienyl Bodipy and Charge Separation, Charge Recombination-Induced Intersystem Crossing in Its Compact Electron Donor/Acceptor Dyads. Journal of Physical Chemistry B, 2021, 125, 4779-4793.	2.7	23
82	Spiro Rhodamine-Perylene Compact Electron Donorâ€“Acceptor Dyads: Conformation Restriction, Charge Separation, and Spinâ€“Orbit Charge Transfer Intersystem Crossing. Journal of Physical Chemistry B, 2021, 125, 4187-4203.	2.7	30
83	Influence of Ni Precursors on the Structure, Performance, and Carbon Deposition of Ni-Al₂O₃ Catalysts for CO Methanation. ACS Omega, 2021, 6, 16373-16380.	3.6	6
84	Does Twisted Ï€-Conjugation Framework Always Induce Efficient Intersystem Crossing? A Case Study with Benzo[b]- and [a]Phenanthrene-Fused BODIPY Derivatives and Identification of a Dark State. Journal of Physical Chemistry B, 2021, 125, 6280-6295.	2.7	27
85	Two melatonin treatments improve the conception rate after fixedâ€time artificial insemination in beef heifers following synchronisation of oestrous cycles using the CoSynch â€56 protocol. Australian Veterinary Journal, 2021, 99, 449-455.	1.0	1
86	Contribution of New Particle Formation to Cloud Condensation Nuclei Activity and its Controlling Factors in a Mountain Region of Inland China. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034302.	3.3	7
87	GLP-1 based therapies and disease course of inflammatory bowel disease. EClinicalMedicine, 2021, 37, 100979.	7.1	24
88	Chromophore Orientation-Dependent Photophysical Properties of Pyreneâ€“Naphthalimide Compact Electron Donorâ€“Acceptor Dyads: Electron Transfer and Intersystem Crossing. Journal of Physical Chemistry B, 2021, 125, 9244-9259.	2.7	21
89	Electron Spin Dynamics of the Intersystem Crossing of Triplet Photosensitizers That Show Strong Absorption of Visible Light and Long-Lived Triplet States. Journal of Physical Chemistry C, 2021, 125, 19097-19109.	3.2	10
90	Bodipy-Containing Porous Microcapsules for Flow Heterogeneous Photocatalysis. ACS Applied Materials & Interfaces, 2021, 13, 38722-38731.	8.2	22

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91	Intersystem Crossing and Triplet-State Property of Anthryl- and Carbazole-[1,12]fused Perylenebisimide Derivatives with a Twisted Ï€-Conjugation Framework. Journal of Physical Chemistry B, 2021, 125, 9317-9332.	2.7	18
92	Triplet Photosensitizers Showing Strong Absorption of Visible Light and Long-Lived Triplet Excited States and Application in Photocatalysis: A Mini Review. Energy & Fuels, 2021, 35, 18942-18956.	5.2	33
93	Synthesis and Antiviral Activity of New Derivatives of Rupestonic Acid. Chemistry of Natural Compounds, 2021, 57, 854-860.	0.8	4
94	Spinâ€“Orbit Charge-Transfer Intersystem Crossing of Compact Naphthalenediimide-Carbazole Electron-Donorâ€“Acceptor Triads. Journal of Physical Chemistry B, 2021, 125, 10813-10831.	2.7	19
95	Photoinduced energy transfer in truxene-linked zinc porphyrinâ€“fullerene-corrole tetrad and its application in tripletâ”triplet annihilation upconversion. Dyes and Pigments, 2021, 196, 109754.	3.9	16
96	Charge separation, charge recombination and intersystem crossing in orthogonal naphthalimideâ€“perylene electron donor/acceptor dyad. Photochemical and Photobiological Sciences, 2021, 20, 69-85.	2.9	5
97	Ru(<scp>ii</scp>) and Ir(<scp>iii</scp>) phenanthroline-based photosensitisers bearingo-carborane: PDT agents with boron carriers for potential BNCT. Biomaterials Science, 2021, 9, 5691-5702.	5.5	12
98	a-PET and Weakened Tripletâ€“Triplet Annihilation Self-Quenching Effects in Benzo-21-Crown-7-Functionalized Diiodo-BODIPY. ACS Omega, 2021, 6, 28356-28365.	3.6	3
99	Orthogonally aligned cyclic BODIPY arrays with long-lived triplet excited states as efficient heavy-atom-free photosensitizers. Chemical Science, 2021, 12, 14944-14951.	7.7	32
100	Charge Transfer, Intersystem Crossing, and Electron Spin Dynamics in a Compact Perylenemonoimide-Phenoxazine Electron Donorâ€“Acceptor Dyad. Journal of Physical Chemistry B, 2021, 125, 12859-12875.	2.7	9
101	Tuning the SOCT-ISC of bodipy based photosentizers by introducing different electron donating groups and its application in triplet-triplet-annihilation upconversion. Dyes and Pigments, 2020, 173, 108003.	3.9	20
102	Efficient Intersystem Crossing in the TrÃ¶ger's Base Derived From 4â€Aminoâ€1,8â€naphthalimide and Application as a Potent Photodynamic Therapy Reagent. Chemistry - A European Journal, 2020, 26, 3591-3599.	3.8	34
103	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?. Chemical Communications, 2020, 56, 1721-1724.	4.2	66
104	Spinâ€“Orbit Chargeâ€Transfer Intersystem Crossing (ISC) in Compact Electron Donorâ€“Acceptor Dyads: ISC Mechanism and Application as Novel and Potent Photodynamic Therapy Reagents. Chemistry - A European Journal, 2020, 26, 1091-1102.	3.8	85
105	Iridium motif linked porphyrins for efficient light-driven hydrogen evolution via triplet state stabilization of porphyrin. Journal of Materials Chemistry A, 2020, 8, 3005-3010.	10.4	28
106	Aggregation-induced emission characteristics of o-carborane-functionalized fluorene and its heteroanalogs: the influence of heteroatoms on photoluminescence. Materials Chemistry Frontiers, 2020, 4, 257-267.	5.9	23
107	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. Journal of Chemical Physics, 2020, 153, 184312.	3.0	14
108	N^N Pt(II) Bisacetylide Complexes with Oxoverdazyl Radical Ligands: Preparation, Photophysical Properties, and Magnetic Exchange Interaction between the Two Radical Ligands. Inorganic Chemistry, 2020, 59, 12471-12485.	4.2	6

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109	Truxene-bridged Bodipy fullerene tetrads without precious metals: study of the energy transfer and application in tripletâ€“triplet annihilation upconversion. Journal of Materials Chemistry C, 2020, 8, 15839-15851.	5.5	15
110	Anthryl-Appended Platinum(II) Schiff Base Complexes: Exceptionally Small Stokes Shift, Triplet Excited States Equilibrium, and Application in Tripletâ€“Triplet-Annihilation Upconversion. Inorganic Chemistry, 2020, 59, 14731-14745.	4.2	26
111	3,5-Anthrylâ€“Bodipy dyad/triad: Preparation, effect of Fâ€“Bâ€“F induced conformation restriction on the photophysical properties, and application in tripletâ€“triplet-annihilation upconversion. Journal of Chemical Physics, 2020, 153, 224304.	3.0	8
112	Long-Lived Local Triplet Excited State and Charge Transfer State of 4,4â€²-Dimethoxy Triphenylamine-BODIPY Compact Electron Donor/Acceptor Dyads. Journal of Physical Chemistry A, 2020, 124, 9360-9374.	2.6	34
113	Synthesis, structure, photophysical properties and evaluation of in vitro cytotoxic activity of homoleptic dipyrrin based palladium complexes. Polyhedron, 2020, 190, 114794.	2.3	3
114	Longâ€Lived Chargeâ€Transfer State Induced by Spinâ€Orbit Charge Transfer Intersystem Crossing (SOCTâ€ISC) in a Compact Spiro Electron Donor/Acceptor Dyad. Angewandte Chemie, 2020, 132, 11688-11696.	2.1	23
115	Intersystem crossing via charge recombination in a peryleneâ€“naphthalimide compact electron donor/acceptor dyad. Journal of Materials Chemistry C, 2020, 8, 8305-8319.	5.5	32
116	Longâ€Lived Triplet Excited State Accessed with Spinâ€“Orbit Charge Transfer Intersystem Crossing in Red Lightâ€Absorbing Phenoxazineâ€Styryl BODIPY Electron Donor/Acceptor Dyads. ChemPhysChem, 2020, 21, 1388-1401.	2.3	42
117	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. Coordination Chemistry Reviews, 2020, 417, 213371.	19.5	90
118	Improving photosensitization for photochemical CO2-to-CO conversion. National Science Review, 2020, 7, 1459-1467.	9.4	48
119	Tuning the Triplet Excited State of Bis(dipyrrin) Zinc(II) Complexes: Symmetry Breaking Charge Transfer Architecture with Exceptionally Long Lived Triplet State for Upconversion. Chemistry - A European Journal, 2020, 26, 14912-14918.	3.8	26
120	Electronic coupling and spinâ€“orbit charge transfer intersystem crossing (SOCT-ISC) in compact BDPâ€“carbazole dyads with different mutual orientations of the electron donor and acceptor. Journal of Chemical Physics, 2020, 152, 114701.	3.0	48
121	Manganese-Doped, Lead-Free Double Perovskite Nanocrystals for Bright Orange-Red Emission. ACS Central Science, 2020, 6, 566-572.	12.1	111
122	Twisted Bodipy Derivative as a Heavy-Atom-Free Triplet Photosensitizer Showing Strong Absorption of Yellow Light, Intersystem Crossing, and a High-Energy Long-Lived Triplet State. Organic Letters, 2020, 22, 5535-5539.	4.7	75
123	Nearâ€IRâ€Absorbing BODIPYâ€5,10â€Dihydrophenazine Compact Electron Donor/Acceptor Dyads and Triads: Spinâ€Orbit Charge Transfer Intersystem Crossing and Chargeâ€Transfer State. ChemPhotoChem, 2020, 4, 487-501.	3.3	15
124	Clinical features of transverse myelitis associated with systemic lupus erythematosus. Lupus, 2020, 29, 389-397.	1.7	22
125	Color-Tunable Delayed Fluorescence and Efficient Spinâ€“Orbit Charge Transfer Intersystem Crossing in Compact Carbazole-Anthracene-Bodipy Triads Employing the Sequential Electron Transfer Approach. Journal of Physical Chemistry C, 2020, 124, 5944-5957.	3.2	33
126	Charge separation, recombination and intersystem crossing of directly connected perylenemonoimideâ€“carbazole electron donor/acceptor dyads. Physical Chemistry Chemical Physics, 2020, 22, 6376-6390.	2.9	25

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127	Carbazole-perylenebisimide electron donor/acceptor dyads showing efficient spin orbit charge transfer intersystem crossing (SOCT-ISC) and photo-driven intermolecular electron transfer. Journal of Materials Chemistry C, 2020, 8, 4701-4712.	5.5	55
128	TREPR Study of the Anisotropic Spinâ€“Lattice Relaxation Induced by Intramolecular Energy Transfer in Orthogonal BODIPY Dimers. Journal of Physical Chemistry C, 2020, 124, 3939-3951.	3.2	12
129	Efficient Photooxidation of Sulfides with Amidated Alloxazines as Heavy-atom-free Photosensitizers. ACS Omega, 2020, 5, 10586-10595.	3.6	32
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