

# Jianzhang Zhao

## List of Publications by Year in descending order

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398  
papers

24,961  
citations

5876

81  
h-index

10424

139  
g-index

420  
all docs

420  
docs citations

420  
times ranked

18548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic Triplet Photosensitizers for Triplet-Triplet Annihilation Upconversion. , 2022, , 71-105.		2
2	Enhanced cocatalyst-free photocatalytic H <sub>2</sub> evolution by the synergistic AIE and FRET for an Ir-complex conjugated porphyrin. Journal of Materials Chemistry A, 2022, 10, 4440-4445.	5.2	17
3	Novel Water-Soluble Chlorin-Based Photosensitizer for Low-Fluence Photodynamic Therapy. ACS Pharmacology and Translational Science, 2022, 5, 110-117.	2.5	4
4	Long-Lived Triplet Charge Separated State and Thermally Activated Delayed Fluorescence in a Compact Orthogonal Anthraquinone-Phenothiazine Electron Donor-Acceptor Dyad. Journal of Physical Chemistry Letters, 2022, 13, 2533-2539.	2.1	16
5	Radical-Enhanced Intersystem Crossing in Perylene-Oxoverdazyl Radical Dyads. ChemPhysChem, 2022, 23, .	1.0	3
6	Intersystem Crossing and Electron Spin Dynamics of Photoexcited Bodipy Dimers. Journal of Physical Chemistry C, 2022, 126, 5473-5482.	1.5	3
7	Long-Lived Charge-Transfer State in Spiro Compact Electron Donor-Acceptor Dyads Based on Pyromellitimide-Derived Rhodamine: Charge Transfer Dynamics and Electron Spin Polarization. Angewandte Chemie - International Edition, 2022, 61, .	7.2	12
8	Förster and Dexter energy transfer boosted and weakened respectively by host-guest complexations between cyano-containing perylene diimide and BODIPY/diiodo-BODIPY functionalized pillar[5]arenes. Dyes and Pigments, 2022, 202, 110297.	2.0	2
9	Long-Lived Charge-Transfer State in Spiro Compact Electron Donor-Acceptor Dyads Based on Pyromellitimide-Derived Rhodamine: Charge Transfer Dynamics and Electron Spin Polarization. Angewandte Chemie, 2022, 134, .	1.6	3
10	Red Light-Emitting Thermally-Activated Delayed Fluorescence of Naphthalimide-Phenoxazine Electron Donor-Acceptor Dyad: Time-Resolved Optical and Magnetic Spectroscopic Studies. Chemistry - A European Journal, 2022, 28, .	1.7	12
11	Photophysical Properties of Naphthalene-oxacalix[60]arene and Recognition of Fullerene C <sub>60</sub> . ACS Omega, 2022, 7, 15411-15422.	1.6	2
12	Long-lived excited states of platinum(II)-porphyrins for highly efficient photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2022, 10, 13402-13409.	5.2	12
13	Naphthalimide-Carbazole Compact Electron Donor-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.	1.1	6
14	Charge Separation and Intersystem Crossing in Homo- and Hetero-Compact Naphthalimide Dimers. Journal of Physical Chemistry B, 2022, 126, 4364-4378.	1.2	7
15	Long-lived charge separated state and thermally activated delayed fluorescence in anthraquinone-phenoxazine electron donor-acceptor dyads. Chemical Communications, 2022, 58, 7666-7669.	2.2	13
16	Efficient symmetry breaking spin-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.	2.7	5
17	Thiophene-Perylenediimide Bridged Dimeric Porphyrin Donors Based on the Donor-Acceptor-Donor Structure for Organic Photovoltaics. ACS Applied Energy Materials, 2022, 5, 7287-7296.	2.5	4
18	Thienyl/phenyl bay-substituted perylenebisimides: Intersystem crossing and application as heavy atom-free triplet photosensitizers. Dyes and Pigments, 2021, 184, 108708.	2.0	16

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19	Radical-Enhanced Intersystem Crossing in a Bay-Substituted Perylene Bisimide-TEMPO Dyad and the Electron Spin Polarization Dynamics upon Photoexcitation**. ChemPhysChem, 2021, 22, 55-68.	1.0	23
20	Iridium(III) Sensitisers and Energy Upconversion: The Influence of Ligand Structure upon TTA-UC Performance. Chemistry - A European Journal, 2021, 27, 3427-3439.	1.7	20
21	Heavy-Atom-Free Photosensitizers: From Molecular Design to Applications in the Photodynamic Therapy of Cancer. Accounts of Chemical Research, 2021, 54, 207-220.	7.6	300
22	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.	1.6	12
23	Twisted BODIPY derivative: intersystem crossing, electron spin polarization and application as a novel photodynamic therapy reagent. Physical Chemistry Chemical Physics, 2021, 23, 8641-8652.	1.3	40
24	Insight into the drastically different triplet lifetimes of BODIPY obtained by optical/magnetic spectroscopy and theoretical computations. Chemical Science, 2021, 12, 2829-2840.	3.7	37
25	Recent development of heavy-atom-free triplet photosensitizers: molecular structure design, photophysics and application. Journal of Materials Chemistry C, 2021, 9, 11944-11973.	2.7	55
26	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.	1.3	13
27	Spatially confined photoexcitation with triplet-triplet annihilation upconversion. Chemical Communications, 2021, 57, 9044-9047.	2.2	20
28	BODIPY-vinyl dibromides as triplet sensitizers for photodynamic therapy and triplet-triplet annihilation upconversion. Chemical Communications, 2021, 57, 6039-6042.	2.2	13
29	Photophysical properties of <i>N</i> -methyl and <i>N</i> -acetyl substituted alloxazines: a theoretical investigation. Physical Chemistry Chemical Physics, 2021, 23, 13734-13744.	1.3	4
30	Controlling the triplet states and their application in external stimuli-responsive triplet-triplet-annihilation photon upconversion: from the perspective of excited state photochemistry. Chemical Society Reviews, 2021, 50, 9686-9714.	18.7	57
31	Spin-Orbit Charge-Transfer Intersystem Crossing in Anthracene-Perylenebisimide Compact Electron Donor-Acceptor Dyads and Triads and Photochemical Dianion Formation. Chemistry - A European Journal, 2021, 27, 5521-5535.	1.7	18
32	When Does Fusing Two Rings Not Yield a Larger Ring? The Curious Case of BOPHY. Journal of Organic Chemistry, 2021, 86, 4547-4556.	1.7	4
33	Effect of molecular conformation on the efficiency of the spin orbital charge recombination-induced intersystem crossing in bianthrils. Dyes and Pigments, 2021, 187, 109121.	2.0	7
34	Weakened Triplet-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.	1.1	8
35	Cocatalyst-free Photocatalytic Hydrogen Evolution with Simple Heteroleptic Iridium(III) Complexes. ACS Applied Energy Materials, 2021, 4, 3945-3951.	2.5	20
36	Fluorescence quenched and boosted by a-PET effect and host-guest complexation respectively in BODIPY-functionalized pillar[5]arene. Dyes and Pigments, 2021, 188, 109163.	2.0	12

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37	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.	1.7	21
38	Torsion-Induced Nonradiative Relaxation of the Singlet Excited State of <i>meso</i> -Thienyl Bodipy and Charge Separation, Charge Recombination-Induced Intersystem Crossing in Its Compact Electron Donor/Acceptor Dyads. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4779-4793.	1.2	19
39	Spiro Rhodamine-Perylene Compact Electron Donor-Acceptor Dyads: Conformation Restriction, Charge Separation, and Spin-Orbit Charge Transfer Intersystem Crossing. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4187-4203.	1.2	21
40	Correction to Cocatalyst-free Photocatalytic Hydrogen Evolution with Simple Heteroleptic Iridium(III) Complexes. <i>ACS Applied Energy Materials</i> , 2021, 4, 6374-6374.	2.5	0
41	Influence of Ni Precursors on the Structure, Performance, and Carbon Deposition of Ni-Al <sub>2</sub> O <sub>3</sub> Catalysts for CO Methanation. <i>ACS Omega</i> , 2021, 6, 16373-16380.	1.6	6
42	Does Twisted $\pi$ -Conjugation Framework Always Induce Efficient Intersystem Crossing? A Case Study with Benzo[ <i>b</i> ]- and [ <i>a</i> ]Phenanthrene-Fused BODIPY Derivatives and Identification of a Dark State. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6280-6295.	1.2	21
43	Two melatonin treatments improve the conception rate after fixed-time artificial insemination in beef heifers following synchronisation of oestrous cycles using the CoSynch $\leq 56$ protocol. <i>Australian Veterinary Journal</i> , 2021, 99, 449-455.	0.5	1
44	Contribution of New Particle Formation to Cloud Condensation Nuclei Activity and its Controlling Factors in a Mountain Region of Inland China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034302.	1.2	6
45	Chromophore Orientation-Dependent Photophysical Properties of Pyrene-Naphthalimide Compact Electron Donor-Acceptor Dyads: Electron Transfer and Intersystem Crossing. <i>Journal of Physical Chemistry B</i> , 2021, 125, 9244-9259.	1.2	16
46	Electron Spin Dynamics of the Intersystem Crossing of Triplet Photosensitizers That Show Strong Absorption of Visible Light and Long-Lived Triplet States. <i>Journal of Physical Chemistry C</i> , 2021, 125, 19097-19109.	1.5	9
47	Bodipy-Containing Porous Microcapsules for Flow Heterogeneous Photocatalysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 38722-38731.	4.0	15
48	Intersystem Crossing and Triplet-State Property of Anthryl- and Carbazole-[1,12]fused Perylenebisimide Derivatives with a Twisted $\pi$ -Conjugation Framework. <i>Journal of Physical Chemistry B</i> , 2021, 125, 9317-9332.	1.2	11
49	Triplet Photosensitizers Showing Strong Absorption of Visible Light and Long-Lived Triplet Excited States and Application in Photocatalysis: A Mini Review. <i>Energy &amp; Fuels</i> , 2021, 35, 18942-18956.	2.5	26
50	Synthesis and Antiviral Activity of New Derivatives of Rupestonic Acid. <i>Chemistry of Natural Compounds</i> , 2021, 57, 854-860.	0.2	4
51	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
52	Photoinduced energy transfer in truxene-linked zinc porphyrin-fullerene-corrole tetrad and its application in triplet-triplet annihilation upconversion. <i>Dyes and Pigments</i> , 2021, 196, 109754.	2.0	14
53	Charge separation, charge recombination and intersystem crossing in orthogonal naphthalimide- <i>perylene</i> electron donor/acceptor dyad. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 69-85.	1.6	4
54	Ru(II) and Ir(III) phenanthroline-based photosensitizers bearing <i>carborane</i> : PDT agents with boron carriers for potential BNCT. <i>Biomaterials Science</i> , 2021, 9, 5691-5702.	2.6	11

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55	$\alpha$ -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
56	Orthogonally aligned cyclic BODIPY arrays with long-lived triplet excited states as efficient heavy-atom-free photosensitizers. <i>Chemical Science</i> , 2021, 12, 14944-14951.	3.7	26
57	Charge Transfer, Intersystem Crossing, and Electron Spin Dynamics in a Compact Perylenemonoimide-Phenoxazine Electron Donor–Acceptor Dyad. <i>Journal of Physical Chemistry B</i> , 2021, 125, 12859-12875.	1.2	8
58	Tuning the SOCT-ISC of bodipy based photosensitizers by introducing different electron donating groups and its application in triplet-triplet-annihilation upconversion. <i>Dyes and Pigments</i> , 2020, 173, 108003.	2.0	19
59	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
60	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
61	Spin–Orbit Charge–Transfer Intersystem Crossing (ISC) in Compact Electron Donor–Acceptor Dyads: ISC Mechanism and Application as Novel and Potent Photodynamic Therapy Reagents. <i>Chemistry - A European Journal</i> , 2020, 26, 1091-1102.	1.7	76
62	Iridium motif linked porphyrins for efficient light-driven hydrogen evolution via triplet state stabilization of porphyrin. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3005-3010.	5.2	26
63	Aggregation-induced emission characteristics of $\alpha$ -carborane-functionalized fluorene and its heteroanalog: the influence of heteroatoms on photoluminescence. <i>Materials Chemistry Frontiers</i> , 2020, 4, 257-267.	3.2	21
64	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
65	$N^*N$ Pt(II) Bisacetylido Complexes with Oxoverdazyl Radical Ligands: Preparation, Photophysical Properties, and Magnetic Exchange Interaction between the Two Radical Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 12471-12485.	1.9	5
66	Truxene-bridged Bodipy fullerene tetrads without precious metals: study of the energy transfer and application in triplet–triplet annihilation upconversion. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15839-15851.	2.7	15
67	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
68	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
69	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
70	Synthesis, structure, photophysical properties and evaluation of in vitro cytotoxic activity of homoleptic dipyrin based palladium complexes. <i>Polyhedron</i> , 2020, 190, 114794.	1.0	3
71	Long-Lived Charge–Transfer State Induced by Spin–Orbit Charge Transfer Intersystem Crossing (SOCT–ISC) in a Compact Spiro Electron Donor/Acceptor Dyad. <i>Angewandte Chemie</i> , 2020, 132, 11688-11696.	1.6	22
72	Intersystem crossing via charge recombination in a perylene–naphthalimide compact electron donor/acceptor dyad. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8305-8319.	2.7	28

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73	Long-Lived Triplet Excited State Accessed with Spin-Orbit Charge Transfer Intersystem Crossing in Red Light-Absorbing Phenoxazine-Styryl BODIPY Electron Donor/Acceptor Dyads. <i>ChemPhysChem</i> , 2020, 21, 1388-1401.	1.0	33
74	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
75	Improving photosensitization for photochemical CO <sub>2</sub> -to-CO conversion. <i>National Science Review</i> , 2020, 7, 1459-1467.	4.6	44
76	Tuning the Triplet Excited State of Bis(dipyrrin) Zinc(II) Complexes: Symmetry Breaking Charge Transfer Architecture with Exceptionally Long Lived Triplet State for Upconversion. <i>Chemistry - A European Journal</i> , 2020, 26, 14912-14918.	1.7	22
77	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
78	Manganese-Doped, Lead-Free Double Perovskite Nanocrystals for Bright Orange-Red Emission. <i>ACS Central Science</i> , 2020, 6, 566-572.	5.3	102
79	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. <i>Organic Letters</i> , 2020, 22, 5535-5539.	2.4	68
80	Near-IR-Absorbing BODIPY-10a-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.	1.5	14
81	Clinical features of transverse myelitis associated with systemic lupus erythematosus. <i>Lupus</i> , 2020, 29, 389-397.	0.8	22
82	Color-Tunable Delayed Fluorescence and Efficient Spin-Orbit Charge Transfer Intersystem Crossing in Compact Carbazole-Anthracene-Bodipy Triads Employing the Sequential Electron Transfer Approach. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5944-5957.	1.5	31
83	Charge separation, recombination and intersystem crossing of directly connected perylenemonoimide-carbazole electron donor/acceptor dyads. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 6376-6390.	1.3	21
84	Carbazole-perylenebisimide electron donor/acceptor dyads showing efficient spin orbit charge transfer intersystem crossing (SOCT-ISC) and photo-driven intermolecular electron transfer. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4701-4712.	2.7	51
85	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
86	Efficient Photooxidation of Sulfides with Amidated Alloxazines as Heavy-atom-free Photosensitizers. <i>ACS Omega</i> , 2020, 5, 10586-10595.	1.6	29
87	Bodipy-Phenylethynyl Anthracene Dyad: Spin-Orbit Charge Transfer Intersystem Crossing and Triplet Excited-State Equilibrium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 398, 112573.	2.0	11
88	Long-Lived Charge-Transfer State Induced by Spin-Orbit Charge Transfer Intersystem Crossing (SOCT-ISC) in a Compact Spiro Electron Donor/Acceptor Dyad. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11591-11599.	7.2	74
89	A thiophene bridged naphthalimide-porphyrin complex with enhanced activity and stability in photocatalytic H <sub>2</sub> evolution. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2675-2679.	2.5	21
90	Elucidation of the Intersystem Crossing Mechanism in a Helical BODIPY for Low-Dose Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 16248-16255.	1.6	26

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91	Elucidation of the Intersystem Crossing Mechanism in a Helical BODIPY for Low-Dose Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16114-16121.	7.2	126
92	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.	2.1	11
93	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
94	Modeling Gas Hydrate Formation from Ice Powders Based on Diffusion Theory. <i>Theoretical Foundations of Chemical Engineering</i> , 2019, 53, 305-317.	0.2	8
95	Balance between Triplet States in Photoexcited Orthogonal BODIPY Dimers. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4157-4163.	2.1	45
96	Bodipy-Corrole dyad with truxene bridge: Photophysical Properties and Application in Triplet-Triplet Annihilation upconversion. <i>Dyes and Pigments</i> , 2019, 171, 107756.	2.0	20
97	Intersystem Crossing in Naphthalenediimide-Oxoverdazyl Dyads: Synthesis and Study of the Photophysical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 15615-15627.	1.7	13
98	Spin-Orbit Charge-Transfer Intersystem Crossing (SOCT-ISC) in Bodipy-Phenoxazine Dyads: Effect of Chromophore Orientation and Conformation Restriction on the Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22793-22811.	1.5	95
99	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
100	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
101	Effect of Molecular Conformation Restriction on the Photophysical Properties of N <sup>N</sup> Platinum(II) Bis(ethynyl)naphthalimide Complexes Showing Close-Lying 3MLCT and 3LE Excited States. <i>Inorganic Chemistry</i> , 2019, 58, 1850-1861.	1.9	16
102	Increasing the anti-Stokes shift in TTA upconversion with photosensitizers showing red-shifted spin-allowed charge transfer absorption but a non-compromised triplet state energy level. <i>Chemical Communications</i> , 2019, 55, 1510-1513.	2.2	60
103	CTAB-triggered Ag aggregates for reproducible SERS analysis of urinary polycyclic aromatic hydrocarbon metabolites. <i>Chemical Communications</i> , 2019, 55, 2146-2149.	2.2	30
104	Proton mediated spin state transition of cobalt heme analogs. <i>Nature Communications</i> , 2019, 10, 2303.	5.8	23
105	Lighting the Flavin Decorated Ruthenium(II) Polyimine Complexes: A Theoretical Investigation. <i>Inorganic Chemistry</i> , 2019, 58, 8486-8493.	1.9	7
106	Multinuclear Ru(II) and Ir(III) decorated tetraphenylporphyrins as efficient PDT agents. <i>Biomaterials Science</i> , 2019, 7, 3287-3296.	2.6	15
107	Phosphorus corrole complexes: from property tuning to applications in photocatalysis and triplet-triplet annihilation upconversion. <i>Chemical Science</i> , 2019, 10, 7091-7103.	3.7	48
108	Interactive Aggregation-Induced Emission Systems Controlled by Dynamic Covalent Chemistry. <i>Journal of Organic Chemistry</i> , 2019, 84, 6752-6756.	1.7	6

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109	Excited state intermolecular hydrogen bond's effect on the luminescent behaviour of the 2D covalent organic framework (PPy-COF): A TDDFT insight. <i>Molecular Simulation</i> , 2019, 45, 942-950.	0.9	0
110	Sensitizing Ru(II) polyimine redox center with strong light-harvesting coumarin antennas to mimic energy flow of biological model for efficient hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 253, 105-110.	10.8	22
111	Singlet Fission from Upper Excited Electronic States of Cofacial Perylene Dimer. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2428-2433.	2.1	43
112	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.	1.1	31
113	Sulfur vs. tellurium: the heteroatom effects on the nonfullerene acceptors. <i>Science China Chemistry</i> , 2019, 62, 897-903.	4.2	10
114	Chinese Systemic Lupus Erythematosus Treatment and Research Group (CSTAR) Registry XI: gender impact on long-term outcomes. <i>Lupus</i> , 2019, 28, 635-641.	0.8	11
115	Synthesis of fluorescent drug molecules for competitive binding assay based on molecularly imprinted polymers. <i>RSC Advances</i> , 2019, 9, 6779-6784.	1.7	9
116	Electronic Coupling and Spin-Orbit Charge-Transfer Intersystem Crossing in Phenothiazine-Perylene Compact Electron Donor/Acceptor Dyads. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7010-7024.	1.5	47
117	Synthesis, photophysical, electrochemical and photoluminescent oxygen sensing studies of trans-Pt(II)-porphyrins. <i>Dyes and Pigments</i> , 2019, 165, 117-127.	2.0	8
118	Bodipy Derivatives as Triplet Photosensitizers and the Related Intersystem Crossing Mechanisms. <i>Frontiers in Chemistry</i> , 2019, 7, 821.	1.8	62
119	Red Thermally Activated Delayed Fluorescence and the Intersystem Crossing Mechanisms in Compact Naphthalimide-Phenothiazine Electron Donor/Acceptor Dyads. <i>Journal of Physical Chemistry C</i> , 2019, 123, 30171-30186.	1.5	63
120	Chinese SLE Treatment and Research group (CSTAR) registry: Clinical significance of thrombocytopenia in Chinese patients with systemic lupus erythematosus. <i>PLoS ONE</i> , 2019, 14, e0225516.	1.1	15
121	Direct Observation of Long-Lived Upper Excited Triplet States and Intersystem Crossing in Anthracene-Containing Pt(II) Complexes. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7767-7773.	2.1	13
122	Highly-efficient solid-state emission of tethered anthracene-o-carborane dyads and their visco- and thermo-chromic luminescence properties. <i>Dyes and Pigments</i> , 2019, 162, 855-862.	2.0	21
123	Impact of electronically excited state hydrogen bonding on luminescent covalent organic framework: a TD-DFT investigation. <i>Molecular Physics</i> , 2019, 117, 823-830.	0.8	7
124	Insights into the Efficient Intersystem Crossing of Bodipy-Anthracene Compact Dyads with Steady-State and Time-Resolved Optical/Magnetic Spectroscopies and Observation of the Delayed Fluorescence. <i>Journal of Physical Chemistry C</i> , 2019, 123, 265-274.	1.5	79
125	Photophysics of Phosphorus Corroles and Application of the Compounds in Triplet-Triplet Annihilation Upconversion. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
126	Intramolecular and Intra-assembly Triplet Energy Transfer. , 2019, , 29-54.		0



#	ARTICLE	IF	CITATIONS
127	Multifunctional luminescent molecules of o-carborane-pyrene dyad/triad: flexible synthesis and study of the photophysical properties. <i>Dyes and Pigments</i> , 2018, 154, 44-51.	2.0	41
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252	Broadband Visible $\rightarrow$ Light $\rightarrow$ Harvesting $\rightarrow$ trans $\rightarrow$ Bis(alkylphosphine) Platinum(II) $\rightarrow$ Alkynyl Complexes with Singlet Energy Transfer between BODIPY and Naphthalene Diimide Ligands. <i>Chemistry - A European Journal</i> , 2014, 20, 14282-14295.	1.7	27





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310	New excited state intramolecular proton transfer (ESIPT) dyes based on naphthalimide and observation of long-lived triplet excited states. <i>Chemical Communications</i> , 2012, 48, 9720.	2.2	75
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