

Jianzhang Zhao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

385
papers

19,978
citations

75
h-index

126
g-index

420
ext. papers

22,465
ext. citations

6
avg, IF

7.22
L-index

#	Paper	IF	Citations
385	Novel Water-Soluble Chlorin-Based Photosensitizer for Low-Fluence Photodynamic Therapy.. <i>ACS Pharmacology and Translational Science</i> , 2022 , 5, 110-117	5.9	1
384	Organic Triplet Photosensitizers for Triplet-Triplet Annihilation Upconversion 2022 , 71-105		0
383	Long-Lived Triplet Charge Separated State and Thermally Activated Delayed Fluorescence in a Compact Orthogonal Anthraquinone-Phenothiazine Electron Donor-Acceptor Dyad.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 2533-2539	6.4	2
382	Intersystem Crossing and Electron Spin Dynamics of Photoexcited Bodipy Dimers. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 5473-5482	3.8	2
381	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. <i>Dyes and Pigments</i> , 2022 , 110297	4.6	0
380	Photophysical Properties of Naphthalene-oxacalix[4]arene and Recognition of Fullerene C ₆₀ . <i>ACS Omega</i> , 2022 , 7, 15411-15422	3.9	1
379	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	3.4	4
378	α -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	3.9	0
377	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	9.4	5
376	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	4.6	1
375	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	2.8	4
374	Cocatalyst-free Photocatalytic Hydrogen Evolution with Simple Heteroleptic Iridium(III) Complexes. <i>ACS Applied Energy Materials</i> , 2021 , 4, 3945-3951	6.1	8
373	Fluorescence quenched and boosted by α -PET effect and host-guest complexation respectively in BODIPY-functionalized pillar[5]arene. <i>Dyes and Pigments</i> , 2021 , 188, 109163	4.6	7
372	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	4.8	6
371	Torsion-Induced Nonradiative Relaxation of the Singlet Excited State of β -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	3.4	5
370	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	3.4	5
369	Correction to Cocatalyst-free Photocatalytic Hydrogen Evolution with Simple Heteroleptic Iridium(III) Complexes. <i>ACS Applied Energy Materials</i> , 2021 , 4, 6374-6374	6.1	

368	Influence of Ni Precursors on the Structure, Performance, and Carbon Deposition of Ni-AlO Catalysts for CO Methanation. <i>ACS Omega</i> , 2021 , 6, 16373-16380	3.9	0
367	Does Twisted π -Conjugation Framework Always Induce Efficient Intersystem Crossing? A Case Study with Benzo[<i>b</i>]- and [1]Phenanthrene-Fused BODIPY Derivatives and Identification of a Dark State. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 6280-6295	3.4	4
366	Two melatonin treatments improve the conception rate after fixed-time artificial insemination in beef heifers following synchronisation of oestrous cycles using the CoSynch-56 protocol. <i>Australian Veterinary Journal</i> , 2021 , 99, 449-455	1.2	
365	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	4.4	0
364	Thienyl/phenyl bay-substituted perylenebisimides: Intersystem crossing and application as heavy atom-free triplet photosensitizers. <i>Dyes and Pigments</i> , 2021 , 184, 108708	4.6	8
363	Radical-Enhanced Intersystem Crossing in a Bay-Substituted Perylene Bisimide-TEMPO Dyad and the Electron Spin Polarization Dynamics upon Photoexcitation*. <i>ChemPhysChem</i> , 2021 , 22, 55-68	3.2	11
362	Iridium(III) Sensitisers and Energy Upconversion: The Influence of Ligand Structure upon TTA-UC Performance. <i>Chemistry - A European Journal</i> , 2021 , 27, 3427-3439	4.8	5
361	Heavy-Atom-Free Photosensitizers: From Molecular Design to Applications in the Photodynamic Therapy of Cancer. <i>Accounts of Chemical Research</i> , 2021 , 54, 207-220	24.3	98
360	Electron spin-controlled charge transfer and the resulting long-lived charge transfer state: from transition metal complexes to organic compounds. <i>Dalton Transactions</i> , 2021 , 50, 59-67	4.3	3
359	Twisted BODIPY derivative: intersystem crossing, electron spin polarization and application as a novel photodynamic therapy reagent. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 8641-8652	3.6	13
358	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	7.1	10
357	Electron spin dynamics in excited state photochemistry: recent development in the study of intersystem crossing and charge transfer in organic compounds. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 15835-15868	3.6	7
356	Spatially confined photoexcitation with triplet-triplet annihilation upconversion. <i>Chemical Communications</i> , 2021 , 57, 9044-9047	5.8	9
355	BODIPY-vinyl dibromides as triplet sensitizers for photodynamic therapy and triplet-triplet annihilation upconversion. <i>Chemical Communications</i> , 2021 , 57, 6039-6042	5.8	2
354	Photophysical properties of -methyl and -acetyl substituted alloxazines: a theoretical investigation. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 13734-13744	3.6	0
353	Controlling the triplet states and their application in external stimuli-responsive triplet-triplet-annihilation photon upconversion: from the perspective of excited state photochemistry. <i>Chemical Society Reviews</i> , 2021 , 50, 9686-9714	58.5	16
352	Spin-Orbit Charge-Transfer Intersystem Crossing in Anthracene-Perylenebisimide Compact Electron Donor-Acceptor Dyads and Triads and Photochemical Dianion Formation. <i>Chemistry - A European Journal</i> , 2021 , 27, 5521-5535	4.8	7
351	When Does Fusing Two Rings Not Yield a Larger Ring? The Curious Case of BOPHY. <i>Journal of Organic Chemistry</i> , 2021 , 86, 4547-4556	4.2	1

- 350 Chromophore Orientation-Dependent Photophysical Properties of Pyrene-Naphthalimide Compact Electron Donor-Acceptor Dyads: Electron Transfer and Intersystem Crossing. *Journal of Physical Chemistry B*, **2021**, 125, 9244-9259 3.4 3
- 349 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 3.8 3
- 348 Bodipy-Containing Porous Microcapsules for Flow Heterogeneous Photocatalysis. *ACS Applied Materials & Interfaces*, **2021**, 13, 38722-38731 9.5 0
- 347 Intersystem Crossing and Triplet-State Property of Anthryl- and Carbazole-[1,12]fused Perylenebisimide Derivatives with a Twisted π -Conjugation Framework. *Journal of Physical Chemistry B*, **2021**, 125, 9317-9332 3.4 3
- 346 Synthesis and Antiviral Activity of New Derivatives of Rupestonic Acid. *Chemistry of Natural Compounds*, **2021**, 57, 854-860 0.7 0
- 345 Spin-Orbit Charge-Transfer Intersystem Crossing of Compact Naphthalenediimide-Carbazole Electron-Donor-Acceptor Triads. *Journal of Physical Chemistry B*, **2021**, 125, 10813-10831 3.4 3
- 344 Photoinduced energy transfer in truxene-linked zinc porphyrin-fullerene-corrole tetrad and its application in triplet-triplet annihilation upconversion. *Dyes and Pigments*, **2021**, 196, 109754 4.6 1
- 343 Charge separation, charge recombination and intersystem crossing in orthogonal naphthalimide-perylene electron donor/acceptor dyad. *Photochemical and Photobiological Sciences*, **2021**, 20, 69-85 4.2
- 342 Ru(II) and Ir(III) phenanthroline-based photosensitisers bearing o-carborane: PDT agents with boron carriers for potential BNCT. *Biomaterials Science*, **2021**, 9, 5691-5702 7.4 4
- 341 Long-Lived Local Triplet Excited State and Charge Transfer State of 4,4'-Dimethoxy Triphenylamine-BODIPY Compact Electron Donor/Acceptor Dyads. *Journal of Physical Chemistry A*, **2020**, 124, 9360-9374 2.8 10
- 340 Synthesis, structure, photophysical properties and evaluation of in vitro cytotoxic activity of homoleptic dipyrin based palladium complexes. *Polyhedron*, **2020**, 190, 114794 2.7 0
- 339 Long-Lived Charge-Transfer State Induced by Spin-Orbit Charge Transfer Intersystem Crossing (SOCT-ISC) in a Compact Spiro Electron Donor/Acceptor Dyad. *Angewandte Chemie*, **2020**, 132, 11688-11696 3.6 9
- 338 Intersystem crossing via charge recombination in a perylene-naphthalimide compact electron donor/acceptor dyad. *Journal of Materials Chemistry C*, **2020**, 8, 8305-8319 7.1 15
- 337 Long-Lived Triplet Excited State Accessed with Spin-Orbit Charge Transfer Intersystem Crossing in Red Light-Absorbing Phenoxazine-Styryl BODIPY Electron Donor/Acceptor Dyads. *ChemPhysChem*, **2020**, 21, 1388-1401 3.2 13
- 336 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 23.2 31
- 335 Improving photosensitization for photochemical CO-to-CO conversion. *National Science Review*, **2020**, 7, 1459-1467 10.8 19
- 334 Tuning the Triplet Excited State of Bis(dipyrin) Zinc(II) Complexes: Symmetry Breaking Charge Transfer Architecture with Exceptionally Long Lived Triplet State for Upconversion. *Chemistry - A European Journal*, **2020**, 26, 14912-14918 4.8 8
- 333 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. *Journal of Chemical Physics*, **2020**, 152, 114701 3.9 18

332	Manganese-Doped, Lead-Free Double Perovskite Nanocrystals for Bright Orange-Red Emission. <i>ACS Central Science</i> , 2020 , 6, 566-572	16.8	59
331	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	6.2	36
330	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	3.3	6
329	Clinical features of transverse myelitis associated with systemic lupus erythematosus. <i>Lupus</i> , 2020 , 29, 389-397	2.6	10
328	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	3.8	16
327	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	3.6	9
326	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	7.1	27
325	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	3.8	6
324	Efficient Photooxidation of Sulfides with Amidated Alloxazines as Heavy-atom-free Photosensitizers. <i>ACS Omega</i> , 2020 , 5, 10586-10595	3.9	10
323	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	4.7	3
322	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	16.4	32
321	A thiophene bridged naphthalimide-porphyrin complex with enhanced activity and stability in photocatalytic H ₂ evolution. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 2675-2679	5.8	9
320	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	4.6	12
319	Efficient Intersystem Crossing in the Trigger'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	4.8	16
318	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	5.8	37
317	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	4.8	44
316	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	13	13
315	Aggregation-induced emission characteristics of o-carborane-functionalized fluorene and its heteroanalogs: the influence of heteroatoms on photoluminescence. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 257-267	7.8	13

314	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	3.9	7
313	N ^N Pt(II) Bisacetylide 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	5.1	4
312	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	7.1	5
311	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	5.1	6
310	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	3.9	2
309	Insight into the drastically different triplet lifetimes of BODIPY obtained by optical/magnetic spectroscopy and theoretical computations. <i>Chemical Science</i> , 2020 , 12, 2829-2840	9.4	13
308	Elucidation of the Intersystem Crossing Mechanism in a Helical BODIPY for Low-Dose Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020 , 132, 16248-16255	3.6	9
307	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	16.4	55
306	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	3.8	50
305	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	7.1	73
304	Constructing Multi-Stimuli-Responsive Luminescent Materials through Outer Sphere Electron Transfer in Ion Pairs. <i>Advanced Optical Materials</i> , 2019 , 7, 1801657	8.1	11
303	Effect of Molecular Conformation Restriction on the Photophysical Properties of N ^N Platinum(II) Bis(ethynylphthalimide) Complexes Showing Close-Lying MLCT and LE Excited States. <i>Inorganic Chemistry</i> , 2019 , 58, 1850-1861	5.1	10
302	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	5.8	39
301	CTAB-triggered Ag aggregates for reproducible SERS analysis of urinary polycyclic aromatic hydrocarbon metabolites. <i>Chemical Communications</i> , 2019 , 55, 2146-2149	5.8	19
300	Proton mediated spin state transition of cobalt heme analogs. <i>Nature Communications</i> , 2019 , 10, 2303	17.4	12
299	Lighting the Flavin Decorated Ruthenium(II) Polyimine Complexes: A Theoretical Investigation. <i>Inorganic Chemistry</i> , 2019 , 58, 8486-8493	5.1	5
298	Multinuclear Ru(II) and Ir(III) decorated tetraphenylporphyrins as efficient PDT agents. <i>Biomaterials Science</i> , 2019 , 7, 3287-3296	7.4	8
297	Phosphorus corrole complexes: from property tuning to applications in photocatalysis and triplet-triplet annihilation upconversion. <i>Chemical Science</i> , 2019 , 10, 7091-7103	9.4	27

296	Interactive Aggregation-Induced Emission Systems Controlled by Dynamic Covalent Chemistry. <i>Journal of Organic Chemistry</i> , 2019 , 84, 6752-6756	4.2	3
295	Excited state intermolecular hydrogen bond effect on the luminescent behaviour of the 2D covalent organic framework (PPy-COF): A TDDFT insight. <i>Molecular Simulation</i> , 2019 , 45, 942-950	2	
294	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	21.8	13
293	Singlet Fission from Upper Excited Electronic States of Cofacial Perylene Dimer. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 2428-2433	6.4	25
292	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	2.8	18
291	Sulfur vs. tellurium: the heteroatom effects on the nonfullerene acceptors. <i>Science China Chemistry</i> , 2019 , 62, 897-903	7.9	9
290	Chinese Systemic Lupus Erythematosus Treatment and Research Group (CSTAR) Registry XI: gender impact on long-term outcomes. <i>Lupus</i> , 2019 , 28, 635-641	2.6	6
289	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	6.4	10
288	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	3.8	16
287	Modeling Gas Hydrate Formation from Ice Powders Based on Diffusion Theory. <i>Theoretical Foundations of Chemical Engineering</i> , 2019 , 53, 305-317	0.9	3
286	Balance between Triplet States in Photoexcited Orthogonal BODIPY Dimers. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 4157-4163	6.4	32
285	Bodipy-Corrole dyad with truxene bridge: Photophysical Properties and Application in Triplet-Triplet Annihilation upconversion. <i>Dyes and Pigments</i> , 2019 , 171, 107756	4.6	14
284	Intersystem Crossing in Naphthalenediimide-Oxoverdazyl Dyads: Synthesis and Study of the Photophysical Properties. <i>Chemistry - A European Journal</i> , 2019 , 25, 15615-15627	4.8	9
283	Intramolecular and Intra-assembly Triplet Energy Transfer 2019 , 29-54		
282	Synthesis of fluorescent drug molecules for competitive binding assay based on molecularly imprinted polymers.. <i>RSC Advances</i> , 2019 , 9, 6779-6784	3.7	9
281	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	3.8	27
280	Synthesis, photophysical, electrochemical and photoluminescent oxygen sensing studies of trans-Pt(II)-porphyrins. <i>Dyes and Pigments</i> , 2019 , 165, 117-127	4.6	1
279	Bodipy Derivatives as Triplet Photosensitizers and the Related Intersystem Crossing Mechanisms. <i>Frontiers in Chemistry</i> , 2019 , 7, 821	5	28

278	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	3.8	28
277	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, e0225518	3.7	8
276	Direct Observation of Long-Lived Upper Excited Triplet States and Intersystem Crossing in Anthracene-Containing Pt Complexes. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 7767-7773	6.4	5
275	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	4.6	16
274	Impact of electronically excited state hydrogen bonding on luminescent covalent organic framework: a TD-DFT investigation. <i>Molecular Physics</i> , 2019 , 117, 823-830	1.7	4
273	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	3.8	57
272	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	4.6	31
271	Exploiting the benefit of S-iT excitation in triplet-triplet annihilation upconversion to attain large anti-stokes shifts: tuning the triplet state lifetime of a tris(2,2'-bipyridine) osmium(ii) complex. <i>Dalton Transactions</i> , 2018 , 47, 8619-8628	4.3	24
270	In situ formation of SERS hot spots by a bis-quaternized perylene dye: a simple strategy for highly sensitive detection of heparin over a wide concentration range. <i>Analyst, The</i> , 2018 , 143, 1899-1905	5	15
269	Functionalized Imidazole-Fused Porphyrin-Donor-Based Dyes: Effect of Linker and Acceptor on Optoelectronic and Photovoltaic Properties. <i>ChemistrySelect</i> , 2018 , 3, 2558-2564	1.8	8
268	Ping-Pong Energy Transfer in a Boron Dipyrromethane Containing Pt(II)-Schiff Base Complex: Synthesis, Photophysical Studies, and Anti-Stokes Shift Increase in Triplet-Triplet Annihilation Upconversion. <i>Inorganic Chemistry</i> , 2018 , 57, 4877-4890	5.1	24
267	Photophysical properties of palladium/platinum tetrasulfonyl phthalocyanines and their application in triplet-triplet annihilation upconversion. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 5785-5793	7.1	20
266	Ligand-Tuneable, Red-Emitting Iridium(III) Complexes for Efficient Triplet-Triplet Annihilation Upconversion Performance. <i>Chemistry - A European Journal</i> , 2018 , 24, 8577-8588	4.8	17
265	Recent progress in heavy atom-free organic compounds showing unexpected intersystem crossing (ISC) ability. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 3692-3701	3.9	75
264	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	3.8	37
263	Photon Up-Conversion via Epitaxial Surface-Supported Metal-Organic Framework Thin Films with Enhanced Photocurrent. <i>ACS Applied Energy Materials</i> , 2018 , 1, 249-253	6.1	29
262	Exploiting coumarin-6 as ancillary ligands in 1,10-phenanthroline Ir(III) complexes: generating triplet photosensitisers with high upconversion capabilities. <i>Dalton Transactions</i> , 2018 , 47, 8585-8589	4.3	11
261	A Revisit to the Orthogonal Bodipy Dimers: Experimental Evidence for the Symmetry Breaking Charge Transfer-Induced Intersystem Crossing. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 2502-2511	3.8	54

260	The prognosis of pulmonary arterial hypertension associated with primary Sjögren's syndrome: a cohort study. <i>Lupus</i> , 2018 , 27, 1072-1080	2.6	18
259	Novel ruthenium and iridium complexes of N-substituted carbazole as triplet photosensitisers. <i>Chemical Communications</i> , 2018 , 54, 1073-1076	5.8	15
258	Boronic acid functionalized fiber-optic SPR sensors for high sensitivity glycoprotein detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 976-982	8.5	17
257	Long-term mortality and morbidity of patients with systemic lupus erythematosus: a single-center cohort study in China. <i>Lupus</i> , 2018 , 27, 864-869	2.6	21
256	Precise determination of the orientation of the transition dipole moment in a Bodipy derivative by analysis of the magnetophotoselection effect. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 20497-20503	3.6	18
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124	Efficient enhancement of the visible-light absorption of cyclometalated Ir(III) complexes triplet photosensitizers with Bodipy and applications in photooxidation and triplet-triplet annihilation upconversion. <i>Inorganic Chemistry</i> , 2013 , 52, 6299-310	5.1	112
123	Preparation of ketocoumarins as heavy atom-free triplet photosensitizers for triplet-triplet annihilation upconversion. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 872-82	4.2	34
122	Exploiting the reversible covalent bonding of boronic acids: recognition, sensing, and assembly. <i>Accounts of Chemical Research</i> , 2013 , 46, 312-26	24.3	457
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119	Triplet photosensitizers: from molecular design to applications. <i>Chemical Society Reviews</i> , 2013 , 42, 5323-5351	8.5	955
118	C(60)-Bodipy dyad triplet photosensitizers as organic photocatalysts for photocatalytic tandem oxidation/[3+2] cycloaddition reactions to prepare pyrrolo[2,1-a]isoquinoline. <i>Chemical Communications</i> , 2013 , 49, 3751-3	5.8	83
117	Significant Improvement of Dye-Sensitized Solar Cell Performance Using Simple Phenothiazine-Based Dyes. <i>Chemistry of Materials</i> , 2013 , 25, 2146-2153	9.6	231

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115	Observation of the long-lived triplet excited state of perylenebisimide (PBI) in C ^N cyclometalated Ir(III) complexes and application in photocatalytic oxidation. <i>Dalton Transactions</i> , 2013 , 42, 9595-605	4.3	40
114	Observation of the room temperature phosphorescence of Bodipy in visible light-harvesting Ru(II) polyimine complexes and application as triplet photosensitizers for triplet-triplet-annihilation upconversion and photocatalytic oxidation. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4577	7.1	91
113	Intramolecular RET enhanced visible light-absorbing bodipy organic triplet photosensitizers and application in photooxidation and triplet-triplet annihilation upconversion. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10566-78	16.4	188
112	A new two-dimensional oligothiophene end-capped with alkyl cyanoacetate groups for highly efficient solution-processed organic solar cells. <i>Chemical Communications</i> , 2013 , 49, 4409-11	5.8	65
111	Red-light excitable fluorescent platinum(II) bis(aryleneethynylene) bis(trialkylphosphine) complexes showing long-lived triplet excited states as triplet photosensitizers for triplet-triplet annihilation upconversion. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 705-716	7.1	59
110	Visible light-absorbing rhenium(I) tricarbonyl complexes as triplet photosensitizers in photooxidation and triplet-triplet annihilation upconversion. <i>Dalton Transactions</i> , 2013 , 42, 2062-74	4.3	66
109	Visible light-harvesting trans bis(alkylphosphine) platinum(II)-alkynyl complexes showing long-lived triplet excited states as triplet photosensitizers for triplet-triplet annihilation upconversion. <i>Dalton Transactions</i> , 2013 , 42, 10694-706	4.3	36
108	Green light-excitable naphthalenediimide acetylide-containing cyclometalated Ir(III) complex with long-lived triplet excited states as triplet photosensitizers for triplet-triplet annihilation upconversion. <i>Dalton Transactions</i> , 2013 , 42, 6478-88	4.3	32
107	Visible light-harvesting cyclometalated Ir(III) complexes with pyreno[4,5-d]imidazole C ^N ligands as triplet photosensitizers for triplet-triplet annihilation upconversion. <i>Dyes and Pigments</i> , 2013 , 96, 104-115	4.6	41
106	Tridentate cyclometalated platinum(II) complexes with strong absorption of visible light and long-lived triplet excited states as photosensitizers for triplet-triplet annihilation upconversion. <i>Dyes and Pigments</i> , 2013 , 96, 220-231	4.6	20
105	Visible light-harvesting naphthalenediimide (NDI)-C60 dyads as heavy-atom-free organic triplet photosensitizers for triplet-triplet annihilation based upconversion. <i>Dyes and Pigments</i> , 2013 , 96, 449-458	4.6	41
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99	Thienyl-substituted BODIPYs with strong visible light-absorption and long-lived triplet excited states as organic triplet sensitizers for triplet-triplet annihilation upconversion. <i>RSC Advances</i> , 2012 , 2, 3942	3.7	87

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