

Guoqing Zhang

List of Publications by Year in descending order

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75
papers

6,518
citations

101543

36
h-index

76900

74
g-index

76
all docs

76
docs citations

76
times ranked

5130
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic and thermodynamic control of tetraphenylethene aggregation-induced emission behaviors. <i>Aggregate</i> , 2022, 3, .	9.9	22
2	Broad-Band Visible-Light Excitable Room-Temperature Phosphorescence Via Polymer Site-Isolated Dye Aggregates. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	12
3	Lipid-Head-Polymer-Tail Chimeric Vesicles. <i>Macromolecular Rapid Communications</i> , 2022, 43, .	3.9	2
4	Organic phosphors with bright triplet excitons for efficient X-ray-excited luminescence. <i>Nature Photonics</i> , 2021, 15, 187-192.	31.4	237
5	Aromatic Electrophilic Directing for Fluorescence and Room-Temperature Phosphorescence Modulation. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3099-3105.	4.6	17
6	Thermochromic aggregation-induced dual phosphorescence via temperature-dependent sp ³ -linked donor-acceptor electronic coupling. <i>Nature Communications</i> , 2021, 12, 1364.	12.8	89
7	Modulating Charge Separation and Intersystem Crossing in Donor-Switch-Acceptor Systems: A Computational Study. <i>Journal of Physical Chemistry A</i> , 2021, 125, 3088-3094.	2.5	4
8	An Organic Host-Guest System Producing Room-Temperature Phosphorescence at the Parts-Per-Billion Level. <i>Angewandte Chemie</i> , 2021, 133, 17107-17110.	2.0	22
9	An Organic Host-Guest System Producing Room-Temperature Phosphorescence at the Parts-Per-Billion Level. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16970-16973.	13.8	122
10	Modulation of red organic room-temperature phosphorescence in heavy atom-free phosphors. <i>Dyes and Pigments</i> , 2021, 193, 109505.	3.7	24
11	Modulation of OLED efficiency via a combination of aromatic electrophilic directing and intramolecular charge transfer. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15698-15706.	5.5	13
12	Phosphorescence Enables Identification of Electronic State for Acridinium Salt in Solutions. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 12242-12248.	4.6	1
13	Quantifiable Polymeric Fluorescent Ratiometric I ³ -ray Chemosensor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42210-42216.	8.0	13
14	Room-Temperature Synthesis of Single Iron Site by Electrofiltration for Photoreduction of CO ₂ into Tunable Syngas. <i>ACS Nano</i> , 2020, 14, 6164-6172.	14.6	71
15	An Unexpected Chromophore-Solvent Reaction Leads to Bicomponent Aggregation-Induced Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10023-10026.	13.8	67
16	An Unexpected Chromophore-Solvent Reaction Leads to Bicomponent Aggregation-Induced Phosphorescence. <i>Angewandte Chemie</i> , 2020, 132, 10109-10112.	2.0	21
17	Persistent Radical Pairs between N-Substituted Naphthalimide and Carbanion Exhibit pK _a -Dependent UV/Vis Absorption. <i>Chemistry - A European Journal</i> , 2020, 26, 12743-12746.	3.3	2
18	Are pyridinium ylides radicals?. <i>Chemical Communications</i> , 2020, 56, 11287-11290.	4.1	8

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19	Aggregation-Induced Emission with Long-Lived Room-Temperature Phosphorescence from Methylene-Linked Organic Donor-Acceptor Structures. <i>Chemistry - an Asian Journal</i> , 2019, 14, 751-754.	3.3	37
20	Nanoclustered Cascaded Enzymes for Targeted Tumor Starvation and Deoxygenation-Activated Chemotherapy without Systemic Toxicity. <i>ACS Nano</i> , 2019, 13, 8890-8902.	14.6	111
21	Persistent Room-Temperature Radicals from Anionic Naphthalimides: Spin Pairing and Supramolecular Chemistry. <i>Chemistry - A European Journal</i> , 2019, 25, 12497-12501.	3.3	21
22	A combinatory approach towards the design of organic polymer luminescent materials. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9917-9925.	5.5	24
23	Aggregation-Induced Dual-Phosphorescence from Organic Molecules for Nondoped Light-Emitting Diodes. <i>Advanced Materials</i> , 2019, 31, e1904273.	21.0	177
24	Boosting the triplet activity of heavy-atom-free difluoroboron dibenzoylmethane <i>via</i> oxygen-bridged electron donors. <i>Chemical Communications</i> , 2019, 55, 67-70.	4.1	27
25	Highly Selective and Efficient Synthesis of 7-Aminoquinolines and Their Applications as Golgi-Localized Probes. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 954-959.	2.8	40
26	Ultralong UV/mechano-excited room temperature phosphorescence from purely organic cluster excitons. <i>Nature Communications</i> , 2019, 10, 5161.	12.8	216
27	Waterborne polyacrylates with thermally activated delayed fluorescence and two-state phosphorescence. <i>Materials Chemistry Frontiers</i> , 2018, 2, 559-565.	5.9	15
28	Acidity-triggered TAT-presenting nanocarriers augment tumor retention and nuclear translocation of drugs. <i>Nano Research</i> , 2018, 11, 5716-5734.	10.4	27
29	Phosphorescence Tuning through Heavy Atom Placement in Unsymmetrical Difluoroboron β^2 -Diketone Materials. <i>Chemistry - A European Journal</i> , 2018, 24, 1859-1869.	3.3	37
30	Cancer Chemoradiotherapy Duo: Nano-Enabled Targeting of DNA Lesion Formation and DNA Damage Response. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35734-35744.	8.0	30
31	Proton-Activated "Off-On" Room-Temperature Phosphorescence from Purely Organic Thioethers. <i>Angewandte Chemie</i> , 2018, 130, 16278-16282.	2.0	34
32	Proton-Activated "Off-On" Room-Temperature Phosphorescence from Purely Organic Thioethers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16046-16050.	13.8	130
33	Hierarchical Multiplexing Nanodroplets for Imaging-Guided Cancer Radiotherapy via DNA Damage Enhancement and Concomitant DNA Repair Prevention. <i>ACS Nano</i> , 2018, 12, 5684-5698.	14.6	83
34	Protonation-Induced Room-Temperature Phosphorescence in Fluorescent Polyurethane. <i>Journal of Physical Chemistry A</i> , 2017, 121, 4225-4232.	2.5	31
35	Curved fractal structures of pyridine-substituted β^2 -diketone crystals. <i>CrystEngComm</i> , 2017, 19, 2283-2287.	2.6	2
36	How side-chain substituents and substrates influence mechanochromic luminescence: case study with pyrene. <i>RSC Advances</i> , 2017, 7, 46721-46725.	3.6	3

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37	Macroscopic Wires from Fluorophore-Quencher Dyads with Long-Lived Blue Emission. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7183-7190.	2.5	5
38	Conjugated Microporous Polymer Nanosheets for Overall Water Splitting Using Visible Light. <i>Advanced Materials</i> , 2017, 29, 1702428.	21.0	302
39	AIE-active β -diketones containing pyridiniums: fluorogenic binding to cellulose and water-vapour-recoverable mechanochromic luminescence. <i>Materials Chemistry Frontiers</i> , 2017, 1, 693-696.	5.9	17
40	Versatile Room-Temperature Phosphorescent Materials Prepared from <i>N</i> -Substituted Naphthalimides: Emission Enhancement and Chemical Conjugation. <i>Angewandte Chemie</i> , 2016, 128, 10026-10030.	2.0	75
41	5-Hydroxypyran-4-one derivatives as potential therapeutic iron-chelating agents. <i>ChemistrySelect</i> , 2016, 1, 297-300.	1.5	4
42	Aggregation-induced intersystem crossing: a novel strategy for efficient molecular phosphorescence. <i>Nanoscale</i> , 2016, 8, 17422-17426.	5.6	151
43	Versatile Room-Temperature Phosphorescent Materials Prepared from <i>N</i> -Substituted Naphthalimides: Emission Enhancement and Chemical Conjugation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9872-9876.	13.8	343
44	External Heavy-Atom Effect via Orbital Interactions Revealed by Single-Crystal X-ray Diffraction. <i>Journal of Physical Chemistry A</i> , 2016, 120, 5791-5797.	2.5	58
45	UV gelation of single-component polyacrylates bearing dinitrobenzoate side groups. <i>Chemical Communications</i> , 2016, 52, 9383-9386.	4.1	3
46	Small quinolinium-based enzymatic probes via blue-to-red ratiometric fluorescence. <i>Analyst</i> , 2016, 141, 1483-1487.	3.5	15
47	Conjugated polymer-enhanced enantioselectivity in fluorescent sensing. <i>Chemical Science</i> , 2016, 7, 3614-3620.	7.4	29
48	Efficient and tunable fluorescence energy transfer via long-lived polymer excitons. <i>Polymer Chemistry</i> , 2015, 6, 1698-1702.	3.9	7
49	Waterborne Polyurethanes with Tunable Fluorescence and Room-Temperature Phosphorescence. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17209-17216.	8.0	57
50	Aggregation-Induced Emission from Fluorophore-Quencher Dyads with Long-Lived Luminescence. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8854-8859.	2.5	20
51	Enantioselective Fluorescent Recognition in the Fluorous Phase: Enhanced Reactivity and Expanded Chiral Recognition. <i>Journal of the American Chemical Society</i> , 2015, 137, 3747-3750.	13.7	85
52	Tailoring Oxygen Sensitivity with Halide Substitution in Difluoroboron Dibenzoylmethane Polylactide Materials. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23633-23643.	8.0	72
53	Polymerization-Enhanced Intersystem Crossing: New Strategy to Achieve Long-Lived Excitons. <i>Macromolecular Rapid Communications</i> , 2015, 36, 298-303.	3.9	59
54	Sensitization of europium(III) luminescence in water with β -diketone-poly(ethylene glycol) macroligand. <i>Science China Chemistry</i> , 2014, 57, 243-247.	8.2	2

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55	General Design Strategy for Aromatic Ketone-Based Single-Component Dual-Emissive Materials. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2279-2284.	8.0	114
56	Polyion complex micellar nanoparticles for integrated fluorometric detection and bacteria inhibition in aqueous media. <i>Biomaterials</i> , 2014, 35, 1618-1626.	11.4	75
57	Highly Fluorescent Dye-Aggregate-Enhanced Energy-Transfer Nanoparticles for Neuronal Cell Imaging. <i>Advanced Optical Materials</i> , 2013, 1, 549-553.	7.3	19
58	Hydrochromic fluorescence of organo-boronium-avobenzene complexes. <i>Analytical Methods</i> , 2012, 4, 2641.	2.7	19
59	A mechanistic investigation of mechanochromic luminescent organoboron materials. <i>Journal of Materials Chemistry</i> , 2012, 22, 17332.	6.7	103
60	Alkyl chain length effects on solid-state difluoroboron \hat{I}^2 -diketonate mechanochromic luminescence. <i>Journal of Materials Chemistry</i> , 2011, 21, 8409.	6.7	161
61	Reversible solid-state mechanochromic fluorescence from a boron lipid dye. <i>Journal of Materials Chemistry</i> , 2011, 21, 8295.	6.7	121
62	Arene effects on difluoroboron \hat{I}^2 -diketonate mechanochromic luminescence. <i>Journal of Materials Chemistry</i> , 2011, 21, 8401.	6.7	110
63	Fabrication and Degradation of Nanofibers Based on Luminescent Boron Dye-PLGA Blends. <i>ACS Symposium Series</i> , 2010, , 33-42.	0.5	2
64	Iron Tris(dibenzoylmethane- \hat{I} -poly lactide). <i>Macromolecules</i> , 2010, 43, 4909-4920.	4.8	51
65	Polymorphism and Reversible Mechanochromic Luminescence for Solid-State Difluoroboron Avobenzene. <i>Journal of the American Chemical Society</i> , 2010, 132, 2160-2162.	13.7	765
66	Mechanochromic Luminescence Quenching: Force-Enhanced Singlet-to-Triplet Intersystem Crossing for Iodide-Substituted Difluoroboron- \hat{I} -Dibenzoylmethane- \hat{I} -Dodecane in the Solid State. <i>Inorganic Chemistry</i> , 2010, 49, 10747-10749.	4.0	85
67	Luminescent Donor-Acceptor \hat{I}^2 -Diketones: Modulation of Emission by Solvent Polarity and Group II Metal Binding. <i>Journal of Fluorescence</i> , 2009, 19, 881-889.	2.5	16
68	A dual-emissive-materials design concept enables tumour hypoxia imaging. <i>Nature Materials</i> , 2009, 8, 747-751.	27.5	941
69	Difluoroboron Dibenzoylmethane PCL-PLA Block Copolymers: Matrix Effects on Room Temperature Phosphorescence. <i>Macromolecules</i> , 2009, 42, 3162-3169.	4.8	66
70	Synthesis and Fluorescent Properties of Difluoroboron Dibenzoylmethane Polycaprolactone. <i>Macromolecules</i> , 2009, 42, 3092-3097.	4.8	48
71	Role of Boron in the Polymer Chemistry and Photophysical Properties of Difluoroboron- \hat{I} -Dibenzoylmethane Poly lactide. <i>Macromolecules</i> , 2009, 42, 8627-8633.	4.8	76
72	Emission Color Tuning with Polymer Molecular Weight for Difluoroboron Dibenzoylmethane- \hat{I} -Poly lactide. <i>Advanced Materials</i> , 2008, 20, 2099-2104.	21.0	111

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73	Multi-Emissive Difluoroboron Dibenzoylmethane Polylactide Exhibiting Intense Fluorescence and Oxygen-Sensitive Room-Temperature Phosphorescence. <i>Journal of the American Chemical Society</i> , 2007, 129, 8942-8943.	13.7	527
74	Homogeneous graft copolymerization of chitosan with methyl methacrylate by γ -irradiation via a phthaloylchitosan intermediate. <i>Polymer International</i> , 2004, 53, 1491-1494.	3.1	10
75	Origin of Red-Shifted Phosphorescence from Triphenylamines: Triplet Excimer or Impurity?. <i>Angewandte Chemie</i> , 0, , .	2.0	2