

# Xiaolin Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,668  
citations

361413

20  
h-index

345221

36  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of anthrazoline photocatalysts for promoting amination and amidation reactions. <i>Chemical Communications</i> , 2022, 58, 3529-3532.	4.1	7
2	Developing luminescent ratiometric thermometers based on copolymers containing Platinum(II) isocyanide complex. <i>Dyes and Pigments</i> , 2021, 184, 108815.	3.7	4
3	A fibrous thiazolothiazole-bridged viologen polymer for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18506-18514.	10.3	26
4	In situ heterogeneous interface construction boosting fast ion/electron transfer for high-performances lithium/potassium storage. <i>Energy Storage Materials</i> , 2021, 37, 55-66.	18.0	60
5	Twofold C-H Activation-Based Enantio- and Diastereoselective C-H Arylation Using Diarylacetylenes as Rare Arylating Reagents. <i>Angewandte Chemie</i> , 2021, 133, 20587-20592.	2.0	11
6	Twofold C-H Activation-Based Enantio- and Diastereoselective C-H Arylation Using Diarylacetylenes as Rare Arylating Reagents. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20424-20429.	13.8	58
7	Effect of Adsorption Structure upon Directional Charge Transfer and Electronic Coupling in a Hybrid Dye Sensitizer based on a Cadmium Sulfide Quantum Dot. <i>Energy Technology</i> , 2021, 9, 2100565.	3.8	0
8	Recent Progress in Engineering Metal Halide Perovskites for Efficient Visible-Light-Driven Photocatalysis. <i>ChemSusChem</i> , 2020, 13, 4005-4025.	6.8	79
9	Ultrafast Reaction Mechanisms in Perovskite Based Photocatalytic C-C Coupling. <i>ACS Energy Letters</i> , 2020, 5, 566-571.	17.4	61
10	Rhodium(III)-Catalyzed Atroposelective Synthesis of Biaryls by C-H Activation and Intermolecular Coupling with Sterically Hindered Alkynes. <i>Angewandte Chemie</i> , 2020, 132, 13390-13396.	2.0	32
11	Rhodium(III)-Catalyzed Atroposelective Synthesis of Biaryls by C-H Activation and Intermolecular Coupling with Sterically Hindered Alkynes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13288-13294.	13.8	98
12	Multinuclear 2-(Quinolin-2-yl)quinoxaline-Coordinated Iridium(III) Complexes Tethered by Carbazole Derivatives: Synthesis and Photophysics. <i>Inorganic Chemistry</i> , 2020, 59, 17096-17108.	4.0	7
13	Lead halide perovskites for photocatalytic organic synthesis. <i>Nature Communications</i> , 2019, 10, 2843.	12.8	263
14	Well-defined structures and nanoscale morphology for all-conjugated BCPs. <i>Micro and Nano Letters</i> , 2019, 14, 928-931.	1.3	1
15	Design, synthesis, crystal structures, and photophysical properties of tetraphenylethene-based quinoline derivatives. <i>Dyes and Pigments</i> , 2019, 171, 107657.	3.7	9
16	Enhanced photoredox activity of CsPbBr <sub>3</sub> nanocrystals by quantitative colloidal ligand exchange. <i>Journal of Chemical Physics</i> , 2019, 151, 204305.	3.0	52
17	Synthesis, Characterization and Photobiological Studies of Ru( $\text{II}$ ) Dyads Derived from $\text{1,10-Phenanthroline}$ Derivatives of $\text{1,10-Phenanthroline}$ . <i>Photochemistry and Photobiology</i> , 2019, 95, 267-279.	2.5	16
18	High-Performance Photoelectrochemical Water Oxidation with Phosphorus-Doped and Metal Phosphide Cocatalyst-Modified $\text{g-C}_3\text{N}_4$ Formation Through Gas Treatment. <i>ChemSusChem</i> , 2019, 12, 898-907.	6.8	29

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19	Lead-Halide Perovskites for Photocatalytic $\alpha$ -Alkylation of Aldehydes. <i>Journal of the American Chemical Society</i> , 2019, 141, 733-738.	13.7	263
20	Stable 2D Bisthienoacenes: Synthesis, Crystal Packing, and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 14442-14447.	3.3	9
21	Plasmon-Enhanced Layered Double Hydroxide Composite $\text{BiVO}_4$ Photoanodes: Layering-Dependent Modulation of the Water-Oxidation Reaction. <i>ACS Applied Energy Materials</i> , 2018, 1, 3577-3586.	5.1	52
22	$\pi$ -Expansive Heteroleptic Ruthenium(II) Complexes as Reverse Saturable Absorbers and Photosensitizers for Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2017, 56, 3245-3259.	4.0	57
23	Photocatalytic degradation of methylene blue solution by diphenylanthrazoline compounds. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3712.	1.9	13
24	Multifunctional Cationic Iridium(III) Complexes Bearing 2-Aryloxazolo[4,5- <i>f</i> ][1,10]phenanthroline ( $\text{N}^+\text{N}$ ) Ligand: Synthesis, Crystal Structure, Photophysics, Mechanochromic/Vapochromic Effects, and Reverse Saturable Absorption. <i>Inorganic Chemistry</i> , 2017, 56, 13715-13731.	4.0	37
25	Synthesis, Aggregation Induced Emission and Mechanochromic Luminescence of New $\hat{\text{I}}^2$ -Diketone Derivatives Bearing Tetraphenylene Moieties. <i>Journal of Fluorescence</i> , 2016, 26, 2005-2013.	2.5	6
26	Tuning the Photophysics and Reverse Saturable Absorption of Heteroleptic Cationic Iridium(III) Complexes via Substituents on the 6,6'-Bis(fluoren-2-yl)-2,2'-biquinoline Ligand. <i>Inorganic Chemistry</i> , 2016, 55, 11908-11919.	4.0	31
27	Synthesis, Luminescent Properties of aza-Boron-Diquinomethene Difluoride Complexes and Their Application for Fluorescent Security Inks. <i>Journal of Fluorescence</i> , 2016, 26, 407-412.	2.5	8
28	Aza-boron-diquinomethene complexes bearing N-aryl chromophores: synthesis, crystal structures, tunable photophysics, the protonation effect and their application as pH sensors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3774-3782.	5.5	20
29	Palladium-Catalyzed Intramolecular Cyclization of Ynamides: Synthesis of 4-Halo-oxazolones. <i>Journal of Organic Chemistry</i> , 2015, 80, 3480-3487.	3.2	36
30	Controlled Synthesis of 1,3,5-Oxadiazin-2-ones and Oxazolones through Regioselective Iodocyclization of Ynamides. <i>Organic Letters</i> , 2015, 17, 2510-2513.	4.6	43
31	A highly efficient and selective probe for $\text{F}^{\text{a}^-}$ detection based on 1H-imidazo[4,5- <i>b</i> ]phenazine derivative. <i>Chinese Chemical Letters</i> , 2015, 26, 339-342.	9.0	17
32	Iodine-Mediated Oxidation of Ynamides: A Facile Access to $\text{N}$ -Monosubstituted $\hat{\text{I}}^2$ -Ketoamides and $\hat{\text{I}}^2$ -Ketoimides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7174-7183.	2.4	27
33	An AIE-active boron-difluoride complex: multi-stimuli-responsive fluorescence and application in data security protection. <i>Chemical Communications</i> , 2014, 50, 12951-12954.	4.1	183
34	Synthesis and luminescent properties of star-burst D- $\hat{\text{I}}^2$ -A compounds based on 1,3,5-triazine core and carbazole end-capped phenylene ethynylene arms. <i>Journal of Luminescence</i> , 2014, 156, 130-136.	3.1	14
35	Synthesis, crystal structures, and photophysical properties of a series of novel tetrahydrobenzodiacridines. <i>Journal of Luminescence</i> , 2013, 134, 566-575.	3.1	1
36	2-(2-Nitroanilino)benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o213-o213.	0.2	0

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37	The synthesis, photophysical and electrochemical properties of a series of novel 3,8,13-substituted triindole derivatives. <i>Dyes and Pigments</i> , 2012, 95, 679-688.	3.7	13
38	Blue-light-emitting multifunctional triphenylamine-centered starburst quinolines: synthesis, electrochemical and photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4704.	2.8	18
39	Supramolecular polymerization of BODIPY dyes extended with rationally designed pyrazole-based motifs. <i>Polymer Chemistry</i> , 0, , .	3.9	7