

Yun Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

300
citations

933447

10
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

381
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional AIE-ESIPT dual mechanism tetraphenylethene-based Schiff base for inkless rewritable paper and a colorimetric/fluorescent dual-channel Zn ²⁺ sensor. <i>Materials Chemistry Frontiers</i> , 2021, 5, 347-354.	5.9	43
2	A series of short axially symmetrically 1,3,6,8-tetrasubstituted pyrene-based green and blue emitters with 4-tert-butylphenyl and arylamine attachments. <i>Dyes and Pigments</i> , 2016, 130, 106-115.	3.7	42
3	Facile integration of low-cost black phosphorus in solution-processed organic solar cells with improved fill factor and device efficiency. <i>Nano Energy</i> , 2018, 53, 345-353.	16.0	39
4	Design and synthesis of a new series of tetra(polycyclic aryl)ethenes: Achieving aggregation-induced emission and efficient solid-state photoluminescence. <i>Dyes and Pigments</i> , 2015, 118, 95-101.	3.7	24
5	A novel 1,8-naphthalimide-based Cu ²⁺ ion fluorescent probe and its bioimaging application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120037.	3.9	22
6	An efficient hemicyanine dyes-based ratiometric fluorescence probe for sulfur dioxide derivatives in live-cells and seawater. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119128.	3.9	20
7	Dipolar 1,3,6,8-tetrasubstituted pyrene-based blue emitters containing electro-transporting benzimidazole moieties: Syntheses, structures, optical properties, electrochemistry and electroluminescence. <i>Dyes and Pigments</i> , 2018, 152, 1-13.	3.7	16
8	An o-hydroxyl aldehyde structure based naphthalimide derivative: Reversible photochromic properties and its application in ClO ⁻ detection in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 154-163.	3.9	14
9	Enzymatic-catalyzed polymerization of water-soluble electrically conductive polymer PEDOT:PSS. <i>Polymers for Advanced Technologies</i> , 2014, 25, 896-899.	3.2	11
10	A new series of pyrenyl-based triaryl amines: syntheses, structures, optical properties, electrochemistry and electroluminescence. <i>RSC Advances</i> , 2016, 6, 9037-9048.	3.6	11
11	Syntheses and crystal structures of four cyanide-bridged trinuclear iron(III)-copper(II)-iron(III) complexes exhibiting abnormal antiferromagnetic coupling. <i>Transition Metal Chemistry</i> , 2015, 40, 437-444.	1.4	9
12	Electron-Coupled PBDIT/CdS Heterostructure Enables Hole Extraction for Efficient Photocatalytic Hydrogen Production. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 25278-25287.	8.0	8
13	Enzyme-Catalyzed Synthesis of Water-Soluble Conjugated Poly[2-(3-thienyl)-Ethoxy-4-Butylsulfonate]. <i>Polymers</i> , 2016, 8, 139.	4.5	7
14	Synthesis, crystal structure, and magnetism of a two-dimensional copper(II) complex with single end-to-end and double end-on azide bridges. <i>Journal of Coordination Chemistry</i> , 2012, 65, 2972-2980.	2.2	6
15	Covalent modification of black phosphorus with alkoxy groups to improve the solubility and ambient stability. <i>Nanoscale</i> , 2021, 13, 14847-14853.	5.6	6
16	Investigation of multi-donor bulk-heterojunction photovoltaic cells based on P3HT:PCBM system. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 684-687.	6.2	5
17	Photoelectrochemical performance and biosensor application for glutathione (GSH) of W-doped BiVO ₄ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10109-10116.	2.2	5
18	Relationship between cis-trans isomerism and optical and electrical properties based on benzimidazole-thiophene copolymer. <i>Synthetic Metals</i> , 2018, 245, 175-181.	3.9	4

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19	Enhanced photoelectrochemical performance by doping Mo into BiVO ₄ lattice. Journal of Materials Science: Materials in Electronics, 2018, 29, 19278-19286.	2.2	2
20	Synthesis, optical properties of a new 4-substituted pyrene and its application for H ₂ O ₂ detection in living cells. Tetrahedron Letters, 2020, 61, 152460.	1.4	2
21	A new mononuclear neutral high-spin iron(III) complex with the different tridentate ligands 5-bromosalicylaldehyde (pyridin-2-yl)hydrazone and 5-bromosalicylaldehyde thiosemicarbazone. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 252-255.	0.5	2
22	Crystal structure of 2-benzoylpyrene, C ₂₃ H ₁₄ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 547-549.	0.3	1