

Qi Zou

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,666
citations

516710

16
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

2082
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoconductance from the Bent-to-Planar Photocycle between Ground and Excited States in Single-Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2022, 144, 10042-10052.	13.7	18
2	Lighting up solid states using a rubber. <i>Nature Communications</i> , 2021, 12, 908.	12.8	21
3	Enhancing the Operability of Photoexcitation-Controlled Aggregation-Induced Emissive Molecules in the Organic Phase. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6182-6189.	4.6	20
4	The stepwise photochromic reactivity of diarylethene tuned by selective ions and fabrication of a molecular logic circuit. <i>Dyes and Pigments</i> , 2021, 191, 109361.	3.7	6
5	Polarization-enhanced photoelectric performance in a molecular ferroelectric hexane-1,6-diammonium pentaiodobismuth (HDA-BiI ₅)-based solar device. <i>RSC Advances</i> , 2020, 10, 1198-1203.	3.6	10
6	Cumulene Wires Display Increasing Conductance with Increasing Length. <i>Nano Letters</i> , 2020, 20, 8415-8419.	9.1	47
7	An excitation-dependent ratiometric dual-emission strategy for the large-scale enhancement of fluorescent tint control. <i>Nanoscale</i> , 2020, 12, 12773-12778.	5.6	9
8	Using Deep Learning to Identify Molecular Junction Characteristics. <i>Nano Letters</i> , 2020, 20, 3320-3325.	9.1	27
9	Engineering stable radicals using photochromic triggers. <i>Nature Communications</i> , 2020, 11, 945.	12.8	25
10	A Fluorescence-Phosphorescence-Phosphorescence Triple-Channel Emission Strategy for Full-Color Luminescence. <i>Small</i> , 2020, 16, e1906475.	10.0	45
11	A monomolecular platform with varying gated photochromism. <i>RSC Advances</i> , 2020, 10, 42194-42199.	3.6	8
12	The "etwinkling star" materials: highly superior molecular switches for bioimaging. <i>Science China Chemistry</i> , 2019, 62, 657-658.	8.2	0
13	Orthogonally Incorporating Dual-Fluorescence Control into Gated Photochromism for Multifunctional Molecular Switching. <i>Chemistry - A European Journal</i> , 2019, 25, 15281-15287.	3.3	17
14	Permethylaton Introduces Destructive Quantum Interference in Saturated Silanes. <i>Journal of the American Chemical Society</i> , 2019, 141, 15471-15476.	13.7	28
15	Directing isomerization reactions of cumulenes with electric fields. <i>Nature Communications</i> , 2019, 10, 4482.	12.8	97
16	A unimolecular platform based on diarylethene with multiple stimuli-gated photochromism. <i>Dyes and Pigments</i> , 2019, 164, 91-96.	3.7	15
17	A New Dicyano-vinyl Modified Difurylperhydrocyclopentene Photoswitch: Fluorescent Properties, Sensing Ability and <i>in vivo</i> Application. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 2492.	1.3	2
18	Rational Design of a Green-Light-Mediated Unimolecular Platform for Fast Switchable Acidic Sensing. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 550-556.	4.6	36

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19	Cu ²⁺ -Selectivity gated photochromism in Schiff-modified diarylethenes with a star-shaped structure. <i>Journal of Materials Chemistry C</i> , 2017, 5, 282-289.	5.5	34
20	A photochromic prototype based on difurylperhydrocyclopentene with remarkable photoswitching behavior and in vivo application. <i>Chemical Communications</i> , 2017, 53, 9570-9573.	4.1	12
21	Sequential Block Copolymer Self-Assemblies Controlled by Metal-Ligand Stoichiometry. <i>Langmuir</i> , 2016, 32, 6429-6436.	3.5	12
22	Synthesis and photochromism of a spirooxazine derivative featuring a carbazole moiety: Fast thermal bleaching and excellent fatigue resistance. <i>Dyes and Pigments</i> , 2014, 107, 174-181.	3.7	19
23	Configurable photochromism of an unsymmetrical dithienylethene derivative by Cu ²⁺ ions or water. <i>Dyes and Pigments</i> , 2014, 111, 1-7.	3.7	15
24	Photochromic Materials: More Than Meets The Eye. <i>Advanced Materials</i> , 2013, 25, 378-399.	21.0	810
25	Unsymmetrical diarylethenes as molecular keypad locks with tunable photochromism and fluorescence via Cu ²⁺ and CN ⁻ coordinations. <i>Chemical Communications</i> , 2012, 48, 2095.	4.1	243
26	New photochromic chemosensors for Hg ²⁺ and F ⁻ . <i>Tetrahedron</i> , 2011, 67, 915-921.	1.9	90