Qi Zou

List of Publications by Year in descending order

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	Photochromic Materials: More Than Meets The Eye. Advanced Materials, 2013, 25, 378-399.	21.0	810
2	Unsymmetrical diarylethenes as molecular keypad locks with tunable photochromism and fluorescence via Cu2+ and CNâ^' coordinations. Chemical Communications, 2012, 48, 2095.	4.1	243
3	Directing isomerization reactions of cumulenes with electric fields. Nature Communications, 2019, 10, 4482.	12.8	97
4	New photochromic chemosensors for Hg2+ and Fâ^'. Tetrahedron, 2011, 67, 915-921.	1.9	90
5	Cumulene Wires Display Increasing Conductance with Increasing Length. Nano Letters, 2020, 20, 8415-8419.	9.1	47
6	A Fluorescenceâ€“Phosphorescenceâ€“Phosphorescence Tripleâ€Channel Emission Strategy for Fullâ€Color Luminescence. Small, 2020, 16, e1906475.	10.0	45
7	Rational Design of a Green-Light-Mediated Unimolecular Platform for Fast Switchable Acidic Sensing. Journal of Physical Chemistry Letters, 2018, 9, 550-556.	4.6	36
8	Cu²⁺-Selectivity gated photochromism in Schiff-modified diarylethenes with a star-shaped structure. Journal of Materials Chemistry C, 2017, 5, 282-289.	5.5	34
9	Permethylation Introduces Destructive Quantum Interference in Saturated Silanes. Journal of the American Chemical Society, 2019, 141, 15471-15476.	13.7	28
10	Using Deep Learning to Identify Molecular Junction Characteristics. Nano Letters, 2020, 20, 3320-3325.	9.1	27
11	Engineering stable radicals using photochromic triggers. Nature Communications, 2020, 11, 945.	12.8	25
12	Lighting up solid states using a rubber. Nature Communications, 2021, 12, 908.	12.8	21
13	Enhancing the Operability of Photoexcitation-Controlled Aggregation-Induced Emissive Molecules in the Organic Phase. Journal of Physical Chemistry Letters, 2021, 12, 6182-6189.	4.6	20
14	Synthesis and photochromism of a spirooxazine derivative featuring aÂcarbazole moiety: Fast thermal bleaching and excellent fatigue resistance. Dyes and Pigments, 2014, 107, 174-181.	3.7	19
15	Photoconductance from the Bent-to-Planar Photocycle between Ground and Excited States in Single-Molecule Junctions. Journal of the American Chemical Society, 2022, 144, 10042-10052.	13.7	18
16	Orthogonally Incorporating Dualâ€Fluorescence Control into Gated Photochromism for Multifunctional Molecular Switching. Chemistry - A European Journal, 2019, 25, 15281-15287.	3.3	17
17	Configurable photochromism of an unsymmetrical dithienylethene derivative by Cu2+ ions or water. Dyes and Pigments, 2014, 111, 1-7.	3.7	15
18	A unimolecular platform based on diarylethene with multiple stimuli-gated photochromism. Dyes and Pigments, 2019, 164, 91-96.	3.7	15

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19	Sequential Block Copolymer Self-Assemblies Controlled by Metalâ€“Ligand Stoichiometry. Langmuir, 2016, 32, 6429-6436.	3.5	12
20	A photochromic prototype based on difurylperhydrocyclopentene with remarkable photoswitching behavior and in vivo application. Chemical Communications, 2017, 53, 9570-9573.	4.1	12
21	Polarization-enhanced photoelectric performance in a molecular ferroelectric hexane-1,6-diammonium pentaiodobismuth (HDA-BiI5)-based solar device. RSC Advances, 2020, 10, 1198-1203.	3.6	10
22	An excitation-dependent ratiometric dual-emission strategy for the large-scale enhancement of fluorescent tint control. Nanoscale, 2020, 12, 12773-12778.	5.6	9
23	A monomolecular platform with varying gated photochromism. RSC Advances, 2020, 10, 42194-42199.	3.6	8
24	The stepwise photochromic reactivity of diarylethene tuned by selective ions and fabrication of a molecular logic circuit. Dyes and Pigments, 2021, 191, 109361.	3.7	6
25	A New Dicyano-vinyl Modified Difurylperhydrocyclopentene Photoswitch: Fluorescent Properties, Sensing Ability and in vivo Application. Chinese Journal of Organic Chemistry, 2019, 39, 2492.	1.3	2
26	The â€œtwinkling starâ€•materials: highly superior molecular switches for bioimaging. Science China Chemistry, 2019, 62, 657-658.	8.2	0