

Wenbo Chen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

368
citations

933447

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1199594

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13
times ranked

455
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-resonance features of destructive quantum interference in single-molecule thiophene junctions achieved by electrochemical gating. <i>Nature Materials</i> , 2019, 18, 364-369.	27.5	198
2	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
3	Engineering stable radicals using photochromic triggers. <i>Nature Communications</i> , 2020, 11, 945.	12.8	25
4	Catalyst-free, direct electrochemical trifluoromethylation/cyclization of N-arylacrylamides using TfNHNHBoc as a CF ₃ source. <i>Chinese Chemical Letters</i> , 2022, 33, 221-224.	9.0	19
5	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
6	Friedel-Crafts trifluoromethylthiolation of electron-rich (hetero)arenes with trifluoromethylthio-saccharin in 2,2,2-trifluoroethanol (TFE). <i>Chinese Chemical Letters</i> , 2019, 30, 2279-2281.	9.0	15
7	A unimolecular platform based on diarylethene with multiple stimuli-gated photochromism. <i>Dyes and Pigments</i> , 2019, 164, 91-96.	3.7	15
8	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
9	Low Tunneling Decay of Iodine-Terminated Alkane Single-Molecule Junctions. <i>Nanoscale Research Letters</i> , 2018, 13, 121.	5.7	12
10	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
11	Synthesis of S-monofluoromethyl phosphorothioates from PV-H compounds and PhSO ₂ SCH ₂ F. <i>Chinese Chemical Letters</i> , 2021, 32, 453-456.	9.0	6
12	Quantum interference enhanced thermopower in single-molecule thiophene junctions. <i>Chinese Chemical Letters</i> , 2022, 33, 523-526.	9.0	5