

Weijun Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,697
citations

516710

16
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

2667
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature phosphorescence from organic aggregates. <i>Nature Reviews Materials</i> , 2020, 5, 869-885.	48.7	786
2	White light emission from a single organic molecule with dual phosphorescence at room temperature. <i>Nature Communications</i> , 2017, 8, 416.	12.8	621
3	Rational Molecular Design for Achieving Persistent and Efficient Pure Organic Room-Temperature Phosphorescence. <i>CheM</i> , 2016, 1, 592-602.	11.7	610
4	Highly Efficient Circularly Polarized Electroluminescence from Aggregation-Induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. <i>Advanced Functional Materials</i> , 2018, 28, 1800051.	14.9	302
5	Designing Efficient and Ultralong Pure Organic Room-Temperature Phosphorescent Materials by Structural Isomerism. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7997-8001.	13.8	224
6	Ultralong UV/mechano-excited room temperature phosphorescence from purely organic cluster excitons. <i>Nature Communications</i> , 2019, 10, 5161.	12.8	216
7	Boosting the efficiency of organic persistent room-temperature phosphorescence by intramolecular triplet-triplet energy transfer. <i>Nature Communications</i> , 2019, 10, 1595.	12.8	194
8	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12473-12477.	13.8	171
9	Ultrafast Delivery of Aggregation-Induced Emission Nanoparticles and Pure Organic Phosphorescent Nanocrystals by Saponin Encapsulation. <i>Journal of the American Chemical Society</i> , 2017, 139, 14792-14799.	13.7	114
10	New Wine in Old Bottles: Prolonging Room-Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9293-9298.	13.8	105
11	Bright solid-state red-emissive BODIPYs: facile synthesis and their high-contrast mechanochromic properties. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3471-3478.	5.5	81
12	Turning On Solid-State Luminescence by Phototriggered Subtle Molecular Conformation Variations. <i>Advanced Materials</i> , 2021, 33, e2006844.	21.0	67
13	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. <i>Angewandte Chemie</i> , 2018, 130, 12653-12657.	2.0	49
14	An Enzyme-Activatable Aggregation-Induced Emission Probe: Intraoperative Pathological Fluorescent Diagnosis of Pancreatic Cancer via Specific Cathepsin E. <i>Advanced Materials</i> , 2022, 34, e2107444.	21.0	42
15	Uncommon Aggregation-Induced Emission Molecular Materials with Highly Planar Conformations. <i>Advanced Optical Materials</i> , 2018, 6, 1701394.	7.3	37
16	Photoresponsive aggregation-induced emission polymer film for anti-counterfeiting. <i>Chinese Chemical Letters</i> , 2021, 32, 3882-3885.	9.0	19
17	Dynamic Visible Monitoring of Heterogeneous Local Strain Response through an Organic Mechanoresponsive AIE Luminogen. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22129-22136.	8.0	16
18	New Wine in Old Bottles: Prolonging Room-Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. <i>Angewandte Chemie</i> , 2020, 132, 9379-9384.	2.0	14

#	ARTICLE	IF	CITATIONS
19	Engineering molecular self-assembly of theranostic nanoprobe for dual-modal imaging-guided precise chemotherapy. <i>Science China Chemistry</i> , 2021, 64, 2045-2052.	8.2	10
20	Water-soluble bright NIR AIEgens with hybrid ROS for wash-free mitochondrial "off-on" imaging and photodynamic therapy. <i>Chemical Communications</i> , 2022, 58, 6393-6396.	4.1	9
21	Boosting ultralong organic phosphorescence performance by synergistic heavy-atom effect and multiple intermolecular interactions in molecular crystal. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6334-6340.	5.5	8
22	Type I photosensitizer based on AIE chromophore tricyano-methylene-pyridine for photodynamic therapy. <i>Green Chemical Engineering</i> , 2023, 4, 324-330.	6.3	2
23	Aggregation-Induced Emission: Dynamic Visualization of Stress/Strain Distribution and Fatigue Crack Propagation by an Organic Mechanoresponsive AIE Luminogen (<i>Adv. Mater.</i> 44/2018). <i>Advanced Materials</i> , 2018, 30, 1870333.	21.0	0