

Ming Chen

List of Publications by Year in descending order

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39
papers

2,394
citations

201674

27
h-index

315739

38
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40
all docs

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docs citations

40
times ranked

2811
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Emissive Carbon Dots/Organosilicon Composites for Efficient and Stable Luminescent Solar Concentrators. <i>ACS Applied Energy Materials</i> , 2022, 5, 1781-1792.	5.1	18
2	Synthesis and photophysical properties of quinoxaline-based blue aggregation-induced emission molecules. <i>Canadian Journal of Chemistry</i> , 2022, 100, 370-377.	1.1	1
3	Strategies in boosting photosensitization for biomedical applications. <i>Science China Chemistry</i> , 2022, 65, 647-649.	8.2	16
4	Click Synthesis Enabled Sulfur Atom Strategy for Polymerization-Enhanced and Two-Photon Photosensitization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	26
5	Solid-state intramolecular motions in continuous fibers driven by ambient humidity for fluorescent sensors. <i>National Science Review</i> , 2021, 8, nwaa135.	9.5	36
6	The apple dihydrochalcone phloretin suppresses growth and improves chemosensitivity of breast cancer cells via inhibition of cytoprotective autophagy. <i>Food and Function</i> , 2021, 12, 177-190.	4.6	25
7	Biologically Excretable Aggregation-Induced Emission Dots for Visualizing Through the Marmosets Intravitaly: Horizons in Future Clinical Nanomedicine. <i>Advanced Materials</i> , 2021, 33, e2008123.	21.0	63
8	Bioapplications Manipulated by AIEgens with Nonlinear Optical Effect. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 25-37.	2.6	6
9	Polymorph selectivity of an AIE luminogen under nano-confinement to visualize polymer microstructures. <i>Chemical Science</i> , 2020, 11, 997-1005.	7.4	46
10	Manipulating Solid-State Intramolecular Motion toward Controlled Fluorescence Patterns. <i>ACS Nano</i> , 2020, 14, 2090-2098.	14.6	57
11	Multifaceted functionalities constructed from pyrazine-based AIEgen system. <i>Coordination Chemistry Reviews</i> , 2020, 422, 213472.	18.8	39
12	Tuning Push-Pull Electronic Effects of AIEgens to Boost the Theranostic Efficacy for Colon Cancer. <i>Journal of the American Chemical Society</i> , 2020, 142, 11442-11450.	13.7	63
13	Evoking Phototherapy by Capturing Intramolecular Bond Stretching Vibration-Induced Dark-State Energy. <i>ACS Nano</i> , 2020, 14, 4265-4275.	14.6	53
14	Fluorescence Turn-On Visualization of Microscopic Processes for Self-Healing Gels by AIEgens and Anticounterfeiting Application. <i>Chemistry of Materials</i> , 2019, 31, 5683-5690.	6.7	52
15	Tailoring the Molecular Properties with Isomerism Effect of AIEgens. <i>Advanced Functional Materials</i> , 2019, 29, 1903834.	14.9	31
16	Aggregation-induced emission luminogen for in vivo three-photon fluorescence lifetime microscopic imaging. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 12, 1940005.	1.0	13
17	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. <i>ACS Nano</i> , 2019, 13, 3618-3628.	14.6	157
18	1 + 1 >> 2: Dramatically Enhancing the Emission Efficiency of TPE-Based AIEgens but Keeping their Emission Color through Tailored Alkyl Linkages. <i>Advanced Functional Materials</i> , 2018, 28, 1707210.	14.9	73

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19	Unveiling the Different Emission Behavior of Polytriazoles Constructed from Pyrazine-Based AIE Monomers by Click Polymerization. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12181-12188.	8.0	38
20	Regio- and Stereoselective Polymerization of Diynes with Inorganic Comonomer: A Facile Strategy to Conjugated Poly(<i>p</i> -arylene dihalodienes) with Processability and Postfunctionalizability. <i>Macromolecules</i> , 2018, 51, 3497-3503.	4.8	3
21	White-Light Emission of a Binary Light-Harvesting Platform Based on an Amphiphilic Organic Cage. <i>Chemistry of Materials</i> , 2018, 30, 1285-1290.	6.7	98
22	Malonitrile-Functionalized Tetraphenylpyrazine: Aggregation-Induced Emission, Ratiometric Detection of Hydrogen Sulfide, and Mechanochromism. <i>Advanced Functional Materials</i> , 2018, 28, 1704689.	14.9	124
23	Strategies to Enhance the Photosensitization: Polymerization and the Donor-Acceptor Even-Odd Effect. <i>Angewandte Chemie</i> , 2018, 130, 15409-15413.	2.0	35
24	Highly Emissive AIEgens with Multiple Functions: Facile Synthesis, Chromism, Specific Lipid Droplet Imaging, Apoptosis Monitoring, and In Vivo Imaging. <i>Chemistry of Materials</i> , 2018, 30, 7892-7901.	6.7	68
25	Strategies to Enhance the Photosensitization: Polymerization and the Donor-Acceptor Even-Odd Effect. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15189-15193.	13.8	198
26	Side-chain effect of perylene diimide tetramer-based non-fullerene acceptors for improving the performance of organic solar cells. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2104-2108.	5.9	13
27	Utilizing a Pyrazine-Containing Aggregation-Induced Emission Luminogen as an Efficient Photosensitizer for Imaging-Guided Two-Photon Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2018, 24, 16603-16608.	3.3	23
28	Sulfur-bridged tetraphenylethylene AIEgens for deep-blue organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6534-6542.	5.5	30
29	Rational design of red AIEgens with a new core structure from non-emissive heteroaromatics. <i>Chemical Science</i> , 2018, 9, 7829-7834.	7.4	50
30	Ionization and Anion- π Interaction: A New Strategy for Structural Design of Aggregation-Induced Emission Luminogens. <i>Journal of the American Chemical Society</i> , 2017, 139, 16974-16979.	13.7	201
31	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
32	Aggregation-Induced Emission Luminogen with Deep-Red Emission for Through-Skull Three-Photon Fluorescence Imaging of Mouse. <i>ACS Nano</i> , 2017, 11, 10452-10461.	14.6	156
33	Triphenylamine-functionalized tetraphenylpyrazine: facile preparation and multifaceted functionalities. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2901-2908.	5.5	82
34	Tetraphenylpyrazine-Based Luminogens with Aggregation-Enhanced Emission Characteristics: Preparation and Property. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 1316.	1.3	13
35	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. <i>Chemical Science</i> , 2015, 6, 1932-1937.	7.4	259
36	Influence of the number and substitution position of phenyl groups on the aggregation-enhanced emission of benzene-cored luminogens. <i>Chemical Communications</i> , 2015, 51, 4830-4833.	4.1	47

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37	N-type pyrazine and triazole-based luminogens with aggregation-enhanced emission characteristics. <i>Chemical Communications</i> , 2015, 51, 10710-10713.	4.1	30
38	A Polytriazole Synthesized by 1,3-Dipolar Polycycloaddition Showing Aggregation-Enhanced Emission and Utility in Explosive Detection. <i>Macromolecular Rapid Communications</i> , 2013, 34, 796-802.	3.9	35
39	Click Synthesis Enabled Sulfur Atom Strategy for Polymerization-Enhanced and Two-Photon Photosensitization. <i>Angewandte Chemie</i> , 0, , .	2.0	1