Ming Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9130618/publications.pdf

Version: 2024-02-01

39 papers	2,394 citations	201674 27 h-index	315739 38 g-index
40 all docs	40 docs citations	40 times ranked	2811 citing authors

#	Article	IF	Citations
1	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. Chemical Science, 2015, 6, 1932-1937.	7.4	259
2	Ionization and Anionâ^Ï€‹sup›+‹/sup› Interaction: A New Strategy for Structural Design of Aggregation-Induced Emission Luminogens. Journal of the American Chemical Society, 2017, 139, 16974-16979.	13.7	201
3	Strategies to Enhance the Photosensitization: Polymerization and the Donorâ€“Acceptor Evenâ€“Odd Effect. Angewandte Chemie - International Edition, 2018, 57, 15189-15193.	13.8	198
4	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. ACS Nano, 2019, 13, 3618-3628.	14.6	157
5	Aggregation-Induced Emission Luminogen with Deep-Red Emission for Through-Skull Three-Photon Fluorescence Imaging of Mouse. ACS Nano, 2017, 11, 10452-10461.	14.6	156
6	Malonitrileâ€Functionalized Tetraphenylpyrazine: Aggregationâ€Induced Emission, Ratiometric Detection of Hydrogen Sulfide, and Mechanochromism. Advanced Functional Materials, 2018, 28, 1704689.	14.9	124
7	Ultrafast Delivery of Aggregation-Induced Emission Nanoparticles and Pure Organic Phosphorescent Nanocrystals by Saponin Encapsulation. Journal of the American Chemical Society, 2017, 139, 14792-14799.	13.7	114
8	White-Light Emission of a Binary Light-Harvesting Platform Based on an Amphiphilic Organic Cage. Chemistry of Materials, 2018, 30, 1285-1290.	6.7	98
9	Triphenylamine-functionalized tetraphenylpyrazine: facile preparation and multifaceted functionalities. Journal of Materials Chemistry C, 2016, 4, 2901-2908.	5.5	82
10	1 + 1 >> 2: Dramatically Enhancing the Emission Efficiency of TPEâ€Based AIEgens but Keeping their Emission Color through Tailored Alkyl Linkages. Advanced Functional Materials, 2018, 28, 1707210.	14.9	73
11	Highly Emissive AIEgens with Multiple Functions: Facile Synthesis, Chromism, Specific Lipid Droplet Imaging, Apoptosis Monitoring, and In Vivo Imaging. Chemistry of Materials, 2018, 30, 7892-7901.	6.7	68
12	Tuning Pushâ€“Pull Electronic Effects of AIEgens to Boost the Theranostic Efficacy for Colon Cancer. Journal of the American Chemical Society, 2020, 142, 11442-11450.	13.7	63
13	Biologically Excretable Aggregationâ€Induced Emission Dots for Visualizing Through the Marmosets Intravitally: Horizons in Future Clinical Nanomedicine. Advanced Materials, 2021, 33, e2008123.	21.0	63
14	Manipulating Solid-State Intramolecular Motion toward Controlled Fluorescence Patterns. ACS Nano, 2020, 14, 2090-2098.	14.6	57
15	Evoking Photothermy by Capturing Intramolecular Bond Stretching Vibration-Induced Dark-State Energy. ACS Nano, 2020, 14, 4265-4275.	14.6	53
16	Fluorescence Turn-On Visualization of Microscopic Processes for Self-Healing Gels by AIEgens and Anticounterfeiting Application. Chemistry of Materials, 2019, 31, 5683-5690.	6.7	52
17	Rational design of red AIEgens with a new core structure from non-emissive heteroaromatics. Chemical Science, 2018, 9, 7829-7834.	7.4	50
18	Influence of the number and substitution position of phenyl groups on the aggregation-enhanced emission of benzene-cored luminogens. Chemical Communications, 2015, 51, 4830-4833.	4.1	47

#	Article	IF	Citations
19	Polymorph selectivity of an AIE luminogen under nano-confinement to visualize polymer microstructures. Chemical Science, 2020, 11, 997-1005.	7.4	46
20	Multifaceted functionalities constructed from pyrazine-based AIEgen system. Coordination Chemistry Reviews, 2020, 422, 213472.	18.8	39
21	Unveiling the Different Emission Behavior of Polytriazoles Constructed from Pyrazine-Based AIE Monomers by Click Polymerization. ACS Applied Materials & Interfaces, 2018, 10, 12181-12188.	8.0	38
22	Solid-state intramolecular motions in continuous fibers driven by ambient humidity for fluorescent sensors. National Science Review, 2021, 8, nwaa135.	9.5	36
23	A Polytriazole Synthesized by 1,3â€Dipolar Polycycloaddition Showing Aggregationâ€Enhanced Emission and Utility in Explosive Detection. Macromolecular Rapid Communications, 2013, 34, 796-802.	3.9	35
24	Strategies to Enhance the Photosensitization: Polymerization and the Donorâ€“Acceptor Evenâ€“Odd Effect. Angewandte Chemie, 2018, 130, 15409-15413.	2.0	35
25	Tailoring the Molecular Properties with Isomerism Effect of AIEgens. Advanced Functional Materials, 2019, 29, 1903834.	14.9	31
26	N-type pyrazine and triazole-based luminogens with aggregation-enhanced emission characteristics. Chemical Communications, 2015, 51, 10710-10713.	4.1	30
27	Sulfur-bridged tetraphenylethylene AIEgens for deep-blue organic light-emitting diodes. Journal of Materials Chemistry C, 2018, 6, 6534-6542.	5.5	30
28	Click Synthesis Enabled Sulfur Atom Strategy for Polymerizationâ€Enhanced and Twoâ€Photon Photosensitization. Angewandte Chemie - International Edition, 2022, 61, .	13.8	26
29	The apple dihydrochalcone phloretin suppresses growth and improves chemosensitivity of breast cancer cells via inhibition of cytoprotective autophagy. Food and Function, 2021, 12, 177-190.	4.6	25
30	Utilizing a Pyrazineâ€Containing Aggregationâ€Induced Emission Luminogen as an Efficient Photosensitizer for Imagingâ€Guided Twoâ€Photon Photodynamic Therapy. Chemistry - A European Journal, 2018, 24, 16603-16608.	3.3	23
31	Highly Emissive Carbon Dots/Organosilicon Composites for Efficient and Stable Luminescent Solar Concentrators. ACS Applied Energy Materials, 2022, 5, 1781-1792.	5.1	18
32	Strategies in boosting photosensitization for biomedical applications. Science China Chemistry, 2022, 65, 647-649.	8.2	16
33	Side-chain effect of perylene diimide tetramer-based non-fullerene acceptors for improving the performance of organic solar cells. Materials Chemistry Frontiers, 2018, 2, 2104-2108.	5.9	13
34	Aggregation-induced emission luminogen for in vivo three-photon fluorescence lifetime microscopic imaging. Journal of Innovative Optical Health Sciences, 2019, 12, 1940005.	1.0	13
35	Tetraphenylpyrazine-Based Luminogens with Aggregation-Enhanced Emission Characteristics: Preparation and Property. Chinese Journal of Organic Chemistry, 2016, 36, 1316.	1.3	13
36	Bioapplications Manipulated by AIEgens with Nonlinear Optical Effect. Chemical Research in Chinese Universities, 2021, 37, 25-37.	2.6	6

#	Article	IF	Citations
37	Regio- and Stereoselective Polymerization of Diynes with Inorganic Comonomer: A Facile Strategy to Conjugated Poly(p-arylene dihalodiene)s with Processability and Postfunctionalizability. Macromolecules, 2018, 51, 3497-3503.	4.8	3
38	Synthesis and photophysical properties of quinoxaline-based blue aggregation-induced emission molecules. Canadian Journal of Chemistry, 2022, 100, 370-377.	1.1	1
39	Click Synthesis Enabled Sulfur Atom Strategy for Polymerizationâ€Enhanced and Twoâ€Photon Photosensitization. Angewandte Chemie, 0, , .	2.0	1