

Zheng Zheng

List of Publications by Year in descending order

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27
papers

1,601
citations

394421

19
h-index

526287

27
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30
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30
docs citations

30
times ranked

1739
citing authors

#	ARTICLE	IF	CITATIONS
1	Bright Near-Infrared Aggregation-Induced Emission Luminogens with Strong Two-Photon Absorption, Excellent Organelle Specificity, and Efficient Photodynamic Therapy Potential. <i>ACS Nano</i> , 2018, 12, 8145-8159.	14.6	281
2	In Situ Monitoring Apoptosis Process by a Self-Reporting Photosensitizer. <i>Journal of the American Chemical Society</i> , 2019, 141, 5612-5616.	13.7	196
3	Highly efficient singlet oxygen generation, two-photon photodynamic therapy and melanoma ablation by rationally designed mitochondria-specific near-infrared AIEgens. <i>Chemical Science</i> , 2020, 11, 2494-2503.	7.4	131
4	Aggregation-Induced Nonlinear Optical Effects of AIEgen Nanocrystals for Ultradeep In Vivo Bioimaging. <i>Advanced Materials</i> , 2019, 31, e1904799.	21.0	126
5	Tumor-Exocytosed Exosome/Aggregation-Induced Emission Luminogen Hybrid Nanovesicles Facilitate Efficient Tumor Penetration and Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13836-13843.	13.8	114
6	Substituent Group Variations Directing the Molecular Packing, Electronic Structure, and Aggregation-Induced Emission Property of Isophorone Derivatives. <i>Journal of Organic Chemistry</i> , 2013, 78, 3222-3234.	3.2	86
7	AIEgens for microbial detection and antimicrobial therapy. <i>Biomaterials</i> , 2021, 268, 120598.	11.4	86
8	A Simple Approach to Bioconjugation at Diverse Levels: Metal-Free Click Reactions of Activated Alkynes with Native Groups of Biotargets without Prefunctionalization. <i>Research</i> , 2018, 2018, 3152870.	5.7	86
9	Schiff base particles with aggregation-induced enhanced emission: random aggregation preventing π - π stacking. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6952.	5.5	59
10	Single injection and multiple treatments: An injectable nanozyme hydrogel as AIEgen reservoir and release controller for efficient tumor therapy. <i>Nano Today</i> , 2021, 37, 101091.	11.9	56
11	Mitochondria-Targeting Phototheranostics by Aggregation-Induced NIR Emission Luminogens: Modulating Intramolecular Motion by Electron Acceptor Engineering for Multimodal Synergistic Therapy. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	51
12	Four new two-photon absorbing imidazo[4,5-f]1,10-phenanthroline dye derivatives with different dipole moment orientation based on different groups: synthesis, optical characterization and bioimaging. <i>Journal of Materials Chemistry C</i> , 2013, 1, 822-830.	5.5	50
13	Aggregation induced emission in the rotatable molecules: the essential role of molecular interaction. <i>Journal of Materials Chemistry</i> , 2012, 22, 16927.	6.7	48
14	Patient-derived microvesicles/AIE luminogen hybrid system for personalized sonodynamic cancer therapy in patient-derived xenograft models. <i>Biomaterials</i> , 2021, 272, 120755.	11.4	35
15	Robust Supramolecular Nano-Tunnels Built from Molecular Bricks**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7148-7154.	13.8	28
16	Bonsai-inspired AIE nanohybrid photosensitizer based on vermiculite nanosheets for ferroptosis-assisted oxygen self-sufficient photodynamic cancer therapy. <i>Nano Today</i> , 2022, 44, 101477.	11.9	24
17	Tumor-Exocytosed Exosome/Aggregation-Induced Emission Luminogen Hybrid Nanovesicles Facilitate Efficient Tumor Penetration and Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 13940-13947.	2.0	23
18	Intra- and Intermolecular Synergistic Engineering of Aggregation-Induced Emission Luminogens to Boost Three-Photon Absorption for Through-Skull Brain Imaging. <i>ACS Nano</i> , 2022, 16, 6444-6454.	14.6	22

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19	Photon-induced intramolecular charge transfer with the influence of D/A group and mode: optical physical properties and bio-imaging. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7026.	5.5	21
20	AI Egen-Based Bionic Nanozymes for the Interventional Photodynamic Therapy-Based Treatment of Orthotopic Colon Cancer. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26394-26403.	8.0	18
21	Visible-near infrared skull optical clearing window for in vivo cortical vasculature imaging and targeted manipulation. <i>Journal of Biophotonics</i> , 2020, 13, e202000142.	2.3	17
22	Silver supramolecular complexes generated from isophorone-based ligands: crystal structures and enhanced nonlinear optical properties through metal complexation. <i>Dalton Transactions</i> , 2014, 43, 1139-1150.	3.3	15
23	Turning on Light Emission of a Dark Pro-Aggregation-Induced Emission Luminogen in Aqueous Media Through Reductase-Modulated Derotation. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000080.	3.6	12
24	A novel drug susceptibility testing AI Egen with spatiotemporal resolved progress-reporting characteristic for therapy of drug-resistant tumor. <i>Materials Today</i> , 2022, 61, 117-128.	14.2	7
25	Robust Supramolecular Nano-Tunnels Built from Molecular Bricks**. <i>Angewandte Chemie</i> , 2021, 133, 7224-7230.	2.0	4
26	4-(Imidazol-1-yl)benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o524-o524.	0.2	3
27	Simple-Aggregation-Induced Emission Luminogens for Nondoped Solution-Processed Organic Light-Emitting Diodes with Emission Close to Pure Red in the Standard Red, Green, and Blue Gamut. <i>Advanced Photonics Research</i> , 2021, 2, 2100004.	3.6	2