

Michelle M S Lee

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,373
citations

393982

19
h-index

676716

22
g-index

23
all docs

23
docs citations

23
times ranked

2055
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational design of a water-soluble NIR AIEgen, and its application in ultrafast wash-free cellular imaging and photodynamic cancer cell ablation. <i>Chemical Science</i> , 2018, 9, 3685-3693.	3.7	343
2	Evaluation of Structure-Function Relationships of Aggregation-Induced Emission Luminogens for Simultaneous Dual Applications of Specific Discrimination and Efficient Photodynamic Killing of Gram-Positive Bacteria. <i>Journal of the American Chemical Society</i> , 2019, 141, 16781-16789.	6.6	295
3	Highly Efficient Photosensitizers with Far-Red/Near-Infrared Aggregation-Induced Emission for In Vitro and In Vivo Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, e1802105.	11.1	266
4	Facile Synthesis of Red/NIR AIE Luminogens with Simple Structures, Bright Emissions, and High Photostabilities, and Their Applications for Specific Imaging of Lipid Droplets and Image-Guided Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1704039.	7.8	182
5	Boosting Non-Radiative Decay to Do Useful Work: Development of a Multi-Modality Theranostic System from an AIEgen. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5628-5632.	7.2	180
6	Three-Pronged Attack by Homologous Far-Red/NIR AIEgens to Achieve 1+1>3 Synergistic Enhanced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9610-9616.	7.2	146
7	Theranostics based on AIEgens. <i>Theranostics</i> , 2018, 8, 4925-4956.	4.6	143
8	Engineering Sensor Arrays Using Aggregation-Induced Emission Luminogens for Pathogen Identification. <i>Advanced Functional Materials</i> , 2019, 29, 1805986.	7.8	122
9	Facile synthesis of AIEgens with wide color tunability for cellular imaging and therapy. <i>Chemical Science</i> , 2019, 10, 3494-3501.	3.7	112
10	Ultrafast discrimination of Gram-positive bacteria and highly efficient photodynamic antibacterial therapy using near-infrared photosensitizer with aggregation-induced emission characteristics. <i>Biomaterials</i> , 2020, 230, 119582.	5.7	91
11	A highly efficient and AIE-active theranostic agent from natural herbs. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1454-1461.	3.2	82
12	A Facile Strategy of Boosting Photothermal Conversion Efficiency through State Transformation for Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2105999.	11.1	61
13	Making the Best Use of Excited-State Energy: Multimodality Theranostic Systems Based on Second Near-Infrared (NIR-II) Aggregation-Induced Emission Luminogens (AIEgens)., 2020, 2, 1033-1040.		60
14	Boosting Non-Radiative Decay to Do Useful Work: Development of a Multi-Modality Theranostic System from an AIEgen. <i>Angewandte Chemie</i> , 2019, 131, 5684-5688.	1.6	46
15	Single AIEgen for multiple tasks: Imaging of dual organelles and evaluation of cell viability. <i>Biomaterials</i> , 2020, 242, 119924.	5.7	46
16	SwissKnife-Inspired Multifunctional Fluorescence Probes for Cellular Organelle Targeting Based on Simple AIEgens. <i>Analytical Chemistry</i> , 2019, 91, 2169-2176.	3.2	40
17	Highly efficient phototheranostics of macrophage-engulfed Gram-positive bacteria using a NIR luminogen with aggregation-induced emission characteristics. <i>Biomaterials</i> , 2020, 261, 120340.	5.7	39
18	Fabrics Attached with Highly Efficient Aggregation-Induced Emission Photosensitizer: Toward Self-Antiviral Personal Protective Equipment. <i>ACS Nano</i> , 2021, 15, 13857-13870.	7.3	38

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19	A lipophilic AIEgen for lipid droplet imaging and evaluation of the efficacy of HIF-1 targeting drugs. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1516-1523.	2.9	34
20	Three-Pronged Attack by Homologous Far-Red/NIR AIEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 9697-9703.	1.6	22
21	A ratiometric theranostic system for visualization of ONOO [•] species and reduction of drug-induced hepatotoxicity. <i>Biomaterials Science</i> , 2022, 10, 1083-1089.	2.6	12
22	One-step light-up metabolic probes for <i>in situ</i> discrimination and killing of intracellular bacteria. <i>Materials Chemistry Frontiers</i> , 2022, 6, 450-458.	3.2	8
23	Programmed Self-Assembly of Protein-Coated AIE-Featured Nanoparticles with Dual Imaging and Targeted Therapy to Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29641-29649.	4.0	5