

Yuanjing Cai

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,243
citations

331670

21
h-index

434195

31
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31
all docs

31
docs citations

31
times ranked

2814
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneously boosting the conjugation, brightness and solubility of organic fluorophores by using AIEgens. <i>Chemical Science</i> , 2020, 11, 8438-8447.	7.4	32
2	Free Radical Chemistry of Phosphasilenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16007-16012.	13.8	12
3	Biradical-Featured Stable Organic-Molecule Photothermal Materials for Highly Efficient Solar-Driven Water Evaporation. <i>Advanced Materials</i> , 2020, 32, e1908537.	21.0	149
4	Chemie freier Radikale von Phosphasilenen. <i>Angewandte Chemie</i> , 2020, 132, 16141-16146.	2.0	3
5	Dragonfly-shaped near-infrared AIEgen with optimal fluorescence brightness for precise image-guided cancer surgery. <i>Biomaterials</i> , 2020, 248, 120036.	11.4	71
6	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
7	Non-aromatic annulene-based aggregation-induced emission system via aromaticity reversal process. <i>Nature Communications</i> , 2019, 10, 2952.	12.8	125
8	Synthesis of an efficient far-red/near-infrared luminogen with AIE characteristics for <i>in vivo</i> bioimaging applications. <i>Chemical Communications</i> , 2019, 55, 5615-5618.	4.1	32
9	Highly efficient photothermal nanoagent achieved by harvesting energy via excited-state intramolecular motion within nanoparticles. <i>Nature Communications</i> , 2019, 10, 768.	12.8	296
10	An Easily Accessible Ionic Aggregation-Induced Emission Luminogen with Hydrogen-Bonding-Switchable Emission and Wash-Free Imaging Ability. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5011-5015.	13.8	73
11	Deciphering the working mechanism of aggregation-induced emission of tetraphenylethylene derivatives by ultrafast spectroscopy. <i>Chemical Science</i> , 2018, 9, 4662-4670.	7.4	150
12	Ultrabright red AIEgens for two-photon vascular imaging with high resolution and deep penetration. <i>Chemical Science</i> , 2018, 9, 2705-2710.	7.4	98
13	Tetraphenylpyrazine-based luminogens with full-colour emission. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1310-1316.	5.9	44
14	An Easily Accessible Ionic Aggregation-Induced Emission Luminogen with Hydrogen-Bonding-Switchable Emission and Wash-Free Imaging Ability. <i>Angewandte Chemie</i> , 2018, 130, 5105-5109.	2.0	63
15	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
16	Facile access to deep red/near-infrared emissive AIEgens for efficient non-doped OLEDs. <i>Chemical Science</i> , 2018, 9, 6118-6125.	7.4	101
17	Polyynes bridged AIE luminogens with red emission: design, synthesis, properties and applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1650-1657.	5.8	50
18	Furan Is Superior to Thiophene: A Furan-Cored AIEgen with Remarkable Chromism and OLED Performance. <i>Advanced Science</i> , 2017, 4, 1700005.	11.2	94

#	ARTICLE	IF	CITATIONS
19	Recent developments in the field of photoluminescent organically modified cyclosiloxanes. Dalton Transactions, 2017, 46, 3086-3094.	3.3	2
20	Tetraphenylfuran: aggregation-induced emission or aggregation-caused quenching?. Materials Chemistry Frontiers, 2017, 1, 1125-1129.	5.9	150
21	Highly Efficient Nondoped OLEDs with Negligible Efficiency Roll-off Fabricated from Aggregation-induced Delayed Fluorescence Luminogens. Angewandte Chemie - International Edition, 2017, 56, 12971-12976.	13.8	320
22	An acidic pH independent piperazine-TPE AIEgen as a unique bioprobe for lysosome tracing. Chemical Science, 2017, 8, 7593-7603.	7.4	112
23	Siloles in optoelectronic devices. Journal of Materials Chemistry C, 2017, 5, 7375-7389.	5.5	62
24	Introductory lecture: recent research progress on aggregation-induced emission. Faraday Discussions, 2017, 196, 9-30.	3.2	36
25	Silole-Based Cyclosiloxanes with High Solid-State Fluorescence Quantum Yields and Their AIE Properties. ACS Symposium Series, 2016, , 137-155.	0.5	1
26	A Luminescent Nitrogen-Containing Polycyclic Aromatic Hydrocarbon Synthesized by Photocyclodehydrogenation with Unprecedented Regioselectivity. Chemistry - A European Journal, 2015, 21, 17973-17980.	3.3	17
27	AEE-active cyclic tetraphenylsilole derivatives with ~100% solid-state fluorescence quantum efficiency. Dalton Transactions, 2015, 44, 12970-12975.	3.3	16
28	Synthesis and High Solid-State Fluorescence of Cyclic Silole Derivatives. Organometallics, 2015, 34, 78-85.	2.3	20
29	Ring-Shaped Silafluorene Derivatives as Efficient Solid-State UV-Fluorophores: Synthesis, Characterization, and Photoluminescent Properties. Chemistry - A European Journal, 2014, 20, 14040-14050.	3.3	10
30	High solid-state fluorescence in ring-shaped AEE-active tetraphenylsilole derivatives. Chemical Communications, 2014, 50, 12714-12717.	4.1	12
31	Synthesis and Photophysical Properties of Two Strongly Fluorescent Bis(diquinaldinatoalumino)-9-silafluorenes. Organometallics, 2013, 32, 6871-6874.	2.3	10