

Junkai Liu

List of Publications by Year in descending order

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38
papers

2,664
citations

218677

26
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

2576
citing authors

#	ARTICLE	IF	CITATIONS
1	How do molecular interactions affect fluorescence behavior of AIEgens in solution and aggregate states?. <i>Science China Chemistry</i> , 2022, 65, 135-144.	8.2	31
2	Click Synthesis Enabled Sulfur Atom Strategy for Polymerization-Enhanced and Two-Photon Photosensitization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	26
3	Oxygen Quenching-Resistant Nanoaggregates with Aggregation-Induced Delayed Fluorescence for Time-Resolved Mapping of Intracellular Microviscosity. <i>ACS Nano</i> , 2022, 16, 6176-6184.	14.6	7
4	A Discrete Platinum(II) Metallacycle Harvesting Triplet Excitons for Solution-Processed Deep-Red Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	5
5	Through-Space Interaction of Tetraphenylethylene: What, Where, and How. <i>Journal of the American Chemical Society</i> , 2022, 144, 7901-7910.	13.7	72
6	Visualizing changes of molecular conformation in the solid-state by a common structural determination technique: single crystal X-ray diffraction. <i>Materials Chemistry Frontiers</i> , 2021, 5, 341-346.	5.9	12
7	How to Manipulate Through-Space Conjugation and Clusteroluminescence of Simple AIEgens with Isolated Phenyl Rings. <i>Journal of the American Chemical Society</i> , 2021, 143, 9565-9574.	13.7	97
8	A Biomimetic Aggregation-Induced Emission Photosensitizer with Antigen-Presenting and Hitchhiking Function for Lipid Droplet Targeted Photodynamic Immunotherapy. <i>Advanced Materials</i> , 2021, 33, e2102322.	21.0	83
9	Janus luminogens with bended intramolecular charge transfer: Toward molecular transistor and brain imaging. <i>Matter</i> , 2021, 4, 3286-3300.	10.0	12
10	Time-Dependent Photodynamic Therapy for Multiple Targets: A Highly Efficient AIE-Active Photosensitizer for Selective Bacterial Elimination and Cancer Cell Ablation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9470-9477.	13.8	153
11	Time-Dependent Photodynamic Therapy for Multiple Targets: A Highly Efficient AIE-Active Photosensitizer for Selective Bacterial Elimination and Cancer Cell Ablation. <i>Angewandte Chemie</i> , 2020, 132, 9557-9564.	2.0	22
12	New Wine in Old Bottles: Prolonging Room-Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. <i>Angewandte Chemie</i> , 2020, 132, 9379-9384.	2.0	14
13	New Wine in Old Bottles: Prolonging Room-Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9293-9298.	13.8	105
14	Constitutional Isomerization Enables Bright NIR-II AIEgen for Brain Inflammation Imaging. <i>Advanced Functional Materials</i> , 2020, 30, 1908125.	14.9	175
15	Planar and Twisted Molecular Structure Leads to the High Brightness of Semiconducting Polymer Nanoparticles for NIR-IIa Fluorescence Imaging. <i>Journal of the American Chemical Society</i> , 2020, 142, 15146-15156.	13.7	177
16	Near-Infrared AIE Dots with Chemiluminescence for Deep-Tissue Imaging. <i>Advanced Materials</i> , 2020, 32, e2004685.	21.0	96
17	Room Temperature Synthesis of Stable, Printable Cs ₃ Cu ₂ X ₅ (X = I, Tl) ETQq1 1 0.784314 rgB (0.67)	6.7	127
18	Evoking Phototherapy by Capturing Intramolecular Bond Stretching Vibration-Induced Dark-State Energy. <i>ACS Nano</i> , 2020, 14, 4265-4275.	14.6	53

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19	<i>In vivo</i> monitoring of tissue regeneration using a ratiometric lysosomal AIE probe. <i>Chemical Science</i> , 2020, 11, 3152-3163.	7.4	52
20	Killing G(+) or G(âˆ“) Bacteria? The Important Role of Molecular Charge in AIE-Active Photosensitizers. <i>Small Methods</i> , 2020, 4, 2000046.	8.6	114
21	A visible-light-induced “on-off” one-pot synthesis of 3-arylacetylene coumarins with AIE properties. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3346-3353.	2.8	17
22	Two Are Better Than One: A Design Principle for Ultralong-Persistent Luminescence of Pure Organics. <i>Advanced Materials</i> , 2020, 32, e2001026.	21.0	164
23	Mechanochemistry of an Interlocked Poly[2]catenane: From Single Molecule to Bulk Gel. <i>CCS Chemistry</i> , 2020, 2, 513-523.	7.8	52
24	Visualizing and monitoring interface structures and dynamics by luminogens with aggregation-induced emission. <i>Journal of Applied Physics</i> , 2019, 126, 050901.	2.5	19
25	Restriction of Access to the Dark State: A New Mechanistic Model for Heteroatom-Containing AIE Systems. <i>Angewandte Chemie</i> , 2019, 131, 15053-15056.	2.0	34
26	Tailoring the Molecular Properties with Isomerism Effect of AIEgens. <i>Advanced Functional Materials</i> , 2019, 29, 1903834.	14.9	31
27	Restriction of Access to the Dark State: A New Mechanistic Model for Heteroatom-Containing AIE Systems. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14911-14914.	13.8	130
28	Visualization and Manipulation of Molecular Motion in the Solid State through Photoinduced Clusteroluminescence. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7077-7085.	4.6	50
29	Supramolecular Polymerization with Dynamic Self-Sorting Sequence Control. <i>Macromolecules</i> , 2019, 52, 8814-8825.	4.8	40
30	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. <i>Angewandte Chemie</i> , 2019, 131, 4584-4588.	2.0	14
31	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4536-4540.	13.8	87
32	A smart AIEgen-functionalized surface with reversible modulation of fluorescence and wettability. <i>Materials Horizons</i> , 2019, 6, 2032-2039.	12.2	19
33	Visualization of Biogenic Amines and In Vivo Ratiometric Mapping of Intestinal pH by AIE-Active Polyheterocycles Synthesized by Metal-Free Multicomponent Polymerizations. <i>Advanced Functional Materials</i> , 2019, 29, 1902240.	14.9	75
34	Drawing a clear mechanistic picture for the aggregation-induced emission process. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1143-1150.	5.9	64
35	Strategies to Enhance the Photosensitization: Polymerization and the Donor-“Acceptor Even-“Odd Effect. <i>Angewandte Chemie</i> , 2018, 130, 15409-15413.	2.0	35
36	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

#	ARTICLE	IF	CITATIONS
37	Why Do Simple Molecules with Isolated Phenyl Rings Emit Visible Light?. Journal of the American Chemical Society, 2017, 139, 16264-16272.	13.7	201
38	Click Synthesis Enabled Sulfur Atom Strategy for Polymerization-Enhanced and Two-Photon Photosensitization. Angewandte Chemie, 0, , .	2.0	1