Jacky W Y Lam

List of Publications by Year
in descending order

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378 papers	63,338 citations	1371 108 h-index	893 242 g-index
383 all docs	383 docs citations	383 times ranked	22813 citing authors

#	Article	IF	Citations
1	Chiral assembly of organic luminogens with aggregation-induced emission. Chemical Science, 2022, 13, 611-632.	7.4	74
2	In Situ Generation of N -Heteroaromatic Polymers: Metal-Free Multicomponent Polymerization for Photopatterning, Morphological Imaging, and Cr(VI) Sensing. CCS Chemistry, 2022, 4, 2308-2320.	7.8	9
3	Endowing AIE with Extraordinary Potential: A New Au(I)â€Containing AIEgen for Bimodal Bioimagingâ€Guided Multimodal Synergistic Cancer Therapy. Advanced Functional Materials, 2022, 32, 2108199.	14.9	9
4	Metalâ€Based Aggregationâ€Induced Emission Theranostic Systems. ChemMedChem, 2022, 17, .	3.2	12
5	Organic Long-Persistent Luminescence from a Single-Component Aggregate. Journal of the American Chemical Society, 2022, 144, 3050-3062.	13.7	61
6	A ratiometric theranostic system for visualization of ONOO^{â^'} species and reduction of drug-induced hepatotoxicity. Biomaterials Science, 2022, 10, 1083-1089.	5.4	12
7	Novel Quinolizine AIE System: Visualization of Molecular Motion and Elaborate Tailoring for Biological Application**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	31
8	One-step light-up metabolic probes for in situ discrimination and killing of intracellular bacteria. Materials Chemistry Frontiers, 2022, 6, 450-458.	5.9	8
9	Evoking Highly Immunogenic Ferroptosis Aided by Intramolecular Motionâ€Induced Photoâ€Hyperthermia for Cancer Therapy. Advanced Science, 2022, 9, e2104885.	11.2	34
10	Oneâ€Pot Synthesis of Customized Metalâ€“Phenolicâ€Networkâ€Coated AIE Dots for In Vivo Bioimaging. Advanced Science, 2022, 9, e2104997.	11.2	20
11	Molecular Crystal Engineering of Organic Chromophores for NIR-II Fluorescence Quantification of Cerebrovascular Function. ACS Nano, 2022, 16, 3323-3331.	14.6	12
12	Aggregation-Induced Emission Luminogens for Cell Death Research. ACS Bio & Med Chem Au, 2022, 2, 236-257.	3.7	14
13	Click Synthesis Enabled Sulfur Atom Strategy for Polymerizationâ€Enhanced and Twoâ€Photon Photosensitization. Angewandte Chemie - International Edition, 2022, 61, .	13.8	26
14	In-situ generation of poly(quinolizine)s via catalyst-free polyannulations of activated diyne and pyridines. Science China Chemistry, 2022, 65, 789-795.	8.2	2
15	Aggregation-Induced Emission (AIE) in Super-resolution Imaging: Cationic AIE Luminogens (AIEgens) for Tunable Organelle-Specific Imaging and Dynamic Tracking in Nanometer Scale. ACS Nano, 2022, 16, 5932-5942.	14.6	26
16	Oxygen Quenching-Resistant Nanoaggregates with Aggregation-Induced Delayed Fluorescence for Time-Resolved Mapping of Intracellular Microviscosity. ACS Nano, 2022, 16, 6176-6184.	14.6	7
17	A mitochondria-targeted AIE photosensitizer for enhancing specificity and efficacy of ferroptosis inducer. Science China Chemistry, 2022, 65, 870-876.	8.2	12
18	Solutionâ€processed AIEgen NIR OLEDs with EQE Approaching 15â€‰%. Angewandte Chemie, 2022, 134, .	2.0	5

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19	Through-Space Interaction of Tetraphenylethylene: What, Where, and How. Journal of the American Chemical Society, 2022, 144, 7901-7910.	13.7	72
20	Molecular Motion and Nonradiative Decay: Towards Efficient Photothermal and Photoacoustic Systems. Angewandte Chemie - International Edition, 2022, 61, .	13.8	88
21	Molecular Motion and Nonradiative Decay: Towards Efficient Photothermal and Photoacoustic Systems. Angewandte Chemie, 2022, 134, .	2.0	9
22	Multifaceted Cargo Recruitment and Release from Artificial Membraneless Organelles. Small, 2022, 18, .	10.0	21
23	Diversity-Oriented Synthesis of Functional Polymers with Multisubstituted Small Heterocycles by Facile Stereoselective Multicomponent Polymerizations. Macromolecules, 2022, 55, 4389-4401.	4.8	4
24	Secondary through-space interactions facilitated single-molecule white-light emission from clusteroluminogens. Nature Communications, 2022, 13, .	12.8	50
25	Structural and process controls of AIEgens for NIR-II theranostics. Chemical Science, 2021, 12, 3427-3436.	7.4	169
26	Mechanistic connotations of restriction of intramolecular motions (RIM). National Science Review, 2021, 8, nwaa260.	9.5	119
27	Unusual light-driven amplification through unexpected regioselective photogeneration of five-membered azaheterocyclic AIEgen. Chemical Science, 2021, 12, 709-717.	7.4	23
28	Turning On Solidâ€State Luminescence by Phototriggered Subtle Molecular Conformation Variations. Advanced Materials, 2021, 33, e2006844.	21.0	67
29	Enantiomeric Switching of the Circularly Polarized Luminescence Processes in a Hierarchical Biomimetic System by Film Tilting. ACS Nano, 2021, 15, 1397-1406.	14.6	31
30	Robust Supramolecular Nanoâ€Tunnels Built from Molecular Bricks**. Angewandte Chemie - International Edition, 2021, 60, 7148-7154.	13.8	28
31	AIEgens for microbial detection and antimicrobial therapy. Biomaterials, 2021, 268, 120598.	11.4	86
32	Robust Supramolecular Nanoâ€Tunnels Built from Molecular Bricks**. Angewandte Chemie, 2021, 133, 7224-7230.	2.0	4
33	Functional Heterochain Polymers Constructed by Alkyne Multicomponent Polymerizations. Macromolecular Rapid Communications, 2021, 42, 2000386.	3.9	19
34	Hydrazine Detection during Ammonia Electro-oxidation Using an Aggregation-Induced Emission Dye. Journal of the American Chemical Society, 2021, 143, 2433-2440.	13.7	41
35	A biocompatible dual-AIEgen system without spectral overlap for quantitation of microbial viability and monitoring of biofilm formation. Materials Horizons, 2021, 8, 1816-1824.	12.2	7
36	Restriction of Intramolecular Motion(RIM): Investigating AIE Mechanism from Experimental and Theoretical Studies. Chemical Research in Chinese Universities, 2021, 37, 1-15.	2.6	81

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37	Diagnosis of fatty liver disease by a multiphoton-active and lipid-droplet-specific AIEgen with nonaromatic rotors. Materials Chemistry Frontiers, 2021, 5, 1853-1862.	5.9	22
38	Revisiting an ancient inorganic aggregationâ€induced emission system: An enlightenment to clusteroluminescence. Aggregate, 2021, 2, e36.	9.9	40
39	Turning on Light Emission of a Dark Proâ€Aggregationâ€Induced Emission Luminogen in Aqueous Media Through Reductaseâ€Modulated Derotation. Advanced NanoBiomed Research, 2021, 1, 2000080.	3.6	12
40	Facilitation of molecular motion to develop turn-on photoacoustic bioprobe for detecting nitric oxide in encephalitis. Nature Communications, 2021, 12, 960.	12.8	62
41	Catalyst-Free Spontaneous Polymerization with 100% Atom Economy: Facile Synthesis of Photoresponsive Polysulfonates with Multifunctionalities. Jacs Au, 2021, 1, 344-353.	7.9	14
42	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
43	Functionalization of Silk by AIEgens through Facile Bioconjugation: Fullâ€Color Fluorescence and Longâ€Term Bioimaging. Angewandte Chemie, 2021, 133, 12532-12538.	2.0	6
44	Functionalization of Silk by AIEgens through Facile Bioconjugation: Fullâ€Color Fluorescence and Longâ€Term Bioimaging. Angewandte Chemie - International Edition, 2021, 60, 12424-12430.	13.8	46
45	Bioinspired Hydrogels with Muscle-Like Structure for AIEgen-Guided Selective Self-Healing. CCS Chemistry, 2021, 3, 1146-1156.	7.8	42
46	Positive/Negative Phototropism: Controllable Molecular Actuators with Different Bending Behavior. CCS Chemistry, 2021, 3, 1491-1500.	7.8	27
47	Photoresponsive Polymers with Aggregation-Induced Emission. ACS Applied Polymer Materials, 2021, 3, 2290-2309.	4.4	40
48	Making Aggregation-Induced Emission Luminogen More Valuable by Gold: Enhancing Anticancer Efficacy by Suppressing Thioredoxin Reductase Activity. ACS Nano, 2021, 15, 9176-9185.	14.6	41
49	â€œSimpleâ€•Aggregationâ€Induced Emission Luminogens for Nondoped Solutionâ€Processed Organic Lightâ€Emitting Diodes with Emission Close to Pure Red in the Standard Red, Green, and Blue Gamut. Advanced Photonics Research, 2021, 2, 2100004.	3.6	2
50	Enlarging the Reservoir: High Absorption Coefficient Dyes Enable Synergetic Near Infraredâ€I Fluorescence Imaging and Near Infraredâ€I Photothermal Therapy. Advanced Functional Materials, 2021, 31, 2102213.	14.9	47
51	An Air-Stable Organic Radical from a Controllable Photoinduced Domino Reaction of a Hexa-aryl Substituted Anthracene. Journal of Organic Chemistry, 2021, 86, 7359-7369.	3.2	5
52	Visualization and Manipulation of Solid-State Molecular Motions in Cocrystallization Processes. Journal of the American Chemical Society, 2021, 143, 9468-9477.	13.7	52
53	How to Manipulate Through-Space Conjugation and Clusteroluminescence of Simple AIEgens with Isolated Phenyl Rings. Journal of the American Chemical Society, 2021, 143, 9565-9574.	13.7	97
54	Stimuliâ€Responsive AIEgens. Advanced Materials, 2021, 33, e2008071.	21.0	178

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55	Mitochondria-Specific Aggregation-Induced Emission Luminogens for Selective Photodynamic Killing of Fungi and Efficacious Treatment of Keratitis. ACS Nano, 2021, 15, 12129-12139.	14.6	46
56	Cobaltâ€Mediated Switchable Catalysis for the Oneâ€Pot Synthesis of Cyclic Polymers. Angewandte Chemie - International Edition, 2021, 60, 16974-16979.	13.8	23
57	InnenrÃ¼cktitelbild: Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning (Angew. Chem. 35/2021). Angewandte Chemie, 2021, 133, 19643-19643.	2.0	0
58	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. Angewandte Chemie, 2021, 133, 19371-19380.	2.0	2
59	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. Angewandte Chemie - International Edition, 2021, 60, 19222-19231.	13.8	29
60	Real-Time Visualization and Monitoring of Physiological Dynamics by Aggregation-Induced Emission Luminogens (AIEgens). Annual Review of Analytical Chemistry, 2021, 14, 413-435.	5.4	8
61	Cobaltâ€Mediated Switchable Catalysis for the Oneâ€Pot Synthesis of Cyclic Polymers. Angewandte Chemie, 2021, 133, 17111-17116.	2.0	7
62	How Do Molecular Motions Affect Structures and Properties at Molecule and Aggregate Levels?. Journal of the American Chemical Society, 2021, 143, 11820-11827.	13.7	26
63	Side Areaâ€Assisted 3D Evaporator with Antibiofouling Function for Ultraâ€Efficient Solar Steam Generation. Advanced Materials, 2021, 33, e2102258.	21.0	79
64	Hydrophilicityâ€Hydrophobicity Transformation, Thermoresponsive Morphomechanics, and Crack Multifurcation Revealed by AIEgens in Mechanically Strong Hydrogels. Advanced Materials, 2021, 33, e2101500.	21.0	46
65	<scp>Photodegradationâ€Induced Turnâ€On</scp> Luminescence of <scp>Tetraphenylethyleneâ€Based</scp> Trithiocarbonate Polymers^{â€}. Chinese Journal of Chemistry, 2021, 39, 2837-2842.	4.9	4
66	Recent Advances in Aggregationâ€Induced Emission Materials and Their Biomedical and Healthcare Applications. Advanced Healthcare Materials, 2021, 10, e2101055.	7.6	36
67	Sensitive and specific detection of peroxynitrite and in vivo imaging of inflammation by a â€œsimpleâ€•AIE bioprobe. Materials Chemistry Frontiers, 2021, 5, 1830-1835.	5.9	19
68	Phototriggered Aggregationâ€Induced Emission and Direct Generation of 4D Soft Patterns. Advanced Materials, 2021, 33, e2105113.	21.0	40
69	In Situ Generation of Heterocyclic Polymers by Tripleâ€Bond Based Polymerizations. Macromolecular Rapid Communications, 2021, 42, e2100524.	3.9	1
70	Vision redemption: Self-reporting AIEgens for combined treatment of bacterial keratitis. Biomaterials, 2021, 279, 121227.	11.4	15
71	Boosting Cyanobacteria Growth by Fivefold with Aggregation-Induced Emission Luminogens: Toward the Development of a Biofactory. ACS Sustainable Chemistry and Engineering, 2021, 9, 15258-15266.	6.7	9
72	White-light emission from organic aggregates: a review. Advanced Photonics, 2021, 4, .	11.8	25

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73	Unusual Throughâ€Space Interactions between Oxygen Atoms that Mediate Inverse Morphochromism of an AIE Luminogen. Angewandte Chemie - International Edition, 2020, 59, 8552-8559.	13.8	28
74	Timeâ€Dependent Photodynamic Therapy for Multiple Targets: A Highly Efficient AIEâ€Active Photosensitizer for Selective Bacterial Elimination and Cancer Cell Ablation. Angewandte Chemie - International Edition, 2020, 59, 9470-9477.	13.8	153
75	Timeâ€Dependent Photodynamic Therapy for Multiple Targets: A Highly Efficient AIEâ€Active Photosensitizer for Selective Bacterial Elimination and Cancer Cell Ablation. Angewandte Chemie, 2020, 132, 9557-9564.	2.0	22
76	Unusual Throughâ€Space Interactions between Oxygen Atoms that Mediate Inverse Morphochromism of an AIE Luminogen. Angewandte Chemie, 2020, 132, 8630-8637.	2.0	5
77	New AIE-Active Copolymers with Au(I) Isocyanide Acrylate Units. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1490-1496.	3.7	4
78	A â€œsimpleâ€•donorâ€“acceptor AIEgen with multi-stimuli responsive behavior. Materials Horizons, 2020, 7, 135-142.	12.2	77
79	Ultrafast discrimination of Gram-positive bacteria and highly efficient photodynamic antibacterial therapy using near-infrared photosensitizer with aggregation-induced emission characteristics. Biomaterials, 2020, 230, 119582.	11.4	91
80	New Wine in Old Bottles: Prolonging Roomâ€Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. Angewandte Chemie, 2020, 132, 9379-9384.	2.0	14
81	New Wine in Old Bottles: Prolonging Roomâ€Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. Angewandte Chemie - International Edition, 2020, 59, 9293-9298.	13.8	105
82	Polymorph selectivity of an AIE luminogen under nano-confinement to visualize polymer microstructures. Chemical Science, 2020, 11, 997-1005.	7.4	46
83	Constitutional Isomerization Enables Bright NIRâ€II AIEgen for Brainâ€Inflammation Imaging. Advanced Functional Materials, 2020, 30, 1908125.	14.9	175
84	Manipulating Solid-State Intramolecular Motion toward Controlled Fluorescence Patterns. ACS Nano, 2020, 14, 2090-2098.	14.6	57
85	Highly efficient phototheranostics of macrophage-engulfed Gram-positive bacteria using a NIR luminogen with aggregation-induced emission characteristics. Biomaterials, 2020, 261, 120340.	11.4	39
86	Incorporation of Planar Blocks into Twisted Skeletons: Boosting Brightness of Fluorophores for Bioimaging beyond 1500 Nanometer. ACS Nano, 2020, 14, 14228-14239.	14.6	78
87	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
88	Deciphering Structureâ€“Functionality Relationship of Polycarbonate-Based Polyelectrolytes by AIE Technology. Macromolecules, 2020, 53, 5839-5846.	4.8	16
89	Reverse Thinking of the Aggregationâ€Induced Emission Principle: Amplifying Molecular Motions to Boost Photothermal Efficiency of Nanofibers**. Angewandte Chemie - International Edition, 2020, 59, 20371-20375.	13.8	72
90	Reverse Thinking of the Aggregationâ€Induced Emission Principle: Amplifying Molecular Motions to Boost Photothermal Efficiency of Nanofibers**. Angewandte Chemie, 2020, 132, 20551-20555.	2.0	6

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91	Molecular Motions in AIEgen Crystals: Turning on Photoluminescence by Force-Induced Filament Sliding. Journal of the American Chemical Society, 2020, 142, 14608-14618.	13.7	62
92	Aggregate Science: From Structures to Properties. Advanced Materials, 2020, 32, e2001457.	21.0	254
93	Planar and Twisted Molecular Structure Leads to the High Brightness of Semiconducting Polymer Nanoparticles for NIR-IIa Fluorescence Imaging. Journal of the American Chemical Society, 2020, 142, 15146-15156.	13.7	177
94	Simultaneously boosting the conjugation, brightness and solubility of organic fluorophores by using AIEgens. Chemical Science, 2020, 11, 8438-8447.	7.4	32
95	Nearâ€Infrared AIE Dots with Chemiluminescence for Deepâ€Tissue Imaging. Advanced Materials, 2020, 32, e2004685.	21.0	96
96	Aggregationâ€Induced Emission Luminogens for Direct Exfoliation of 2D Layered Materials in Ethanol. Advanced Materials Interfaces, 2020, 7, 2000795.	3.7	5
97	Substitution Activated Precise Phototheranostics through Supramolecular Assembly of AIEgen and Calixarene. Journal of the American Chemical Society, 2020, 142, 15966-15974.	13.7	102
98	Aggregationâ€induced emission luminogen: A new perspective in the photoâ€degradation of organic pollutants. EcoMat, 2020, 2, e12024.	11.9	14
99	Catalyst-Free Multicomponent Tandem Polymerizations of Alkyne and Amines toward Nontraditional Intrinsic Luminescent Poly(aminomaleimide)s. Macromolecules, 2020, 53, 3756-3764.	4.8	34
100	ACQâ€toâ€AIE Transformation: Tuning Molecular Packing by Regioisomerization for Twoâ€Photon NIR Bioimaging. Angewandte Chemie - International Edition, 2020, 59, 12822-12826.	13.8	131
101	ACQâ€toâ€AIE Transformation: Tuning Molecular Packing by Regioisomerization for Twoâ€Photon NIR Bioimaging. Angewandte Chemie, 2020, 132, 12922-12926.	2.0	25
102	Multifunctional Supramolecular Assemblies with Aggregation-Induced Emission (AIE) for Cell Line Identification, Cell Contamination Evaluation, and Cancer Cell Discrimination. ACS Nano, 2020, 14, 7552-7563.	14.6	59
103	Visualizing semipermeability of the cell membrane using a pH-responsive ratiometric AIEgen. Chemical Science, 2020, 11, 5753-5758.	7.4	26
104	Tuning molecular emission of organic emitters from fluorescence to phosphorescence through push-pull electronic effects. Nature Communications, 2020, 11, 2617.	12.8	117
105	Evoking Photothermy by Capturing Intramolecular Bond Stretching Vibration-Induced Dark-State Energy. ACS Nano, 2020, 14, 4265-4275.	14.6	53
106	Design of AIEgens for near-infrared IIb imaging through structural modulation at molecular and morphological levels. Nature Communications, 2020, 11, 1255.	12.8	283
107	â€œLivingâ€luminogens: light driven ACQ-to-AIE transformation accompanied with solid-state actuation. Materials Horizons, 2020, 7, 1566-1572.	12.2	71
108	AIEgens: An emerging fluorescent sensing tool to aid food safety and quality control. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 2297-2329.	11.7	39

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109	Single AIEgen for multiple tasks: Imaging of dual organelles and evaluation of cell viability. Biomaterials, 2020, 242, 119924.	11.4	46
110	Aggregationsinduzierte Emission: Einblicke auf Aggregatebene. Angewandte Chemie, 2020, 132, 9972-9993.	2.0	96
111	Threeâ€Pronged Attack by Homologous Farâ€red/NIR AIEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. Angewandte Chemie, 2020, 132, 9697-9703.	2.0	22
112	Threeâ€Pronged Attack by Homologous Farâ€red/NIR AIEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. Angewandte Chemie - International Edition, 2020, 59, 9610-9616.	13.8	146
113	Aggregationâ€Induced Emission: New Vistas at the Aggregate Level. Angewandte Chemie - International Edition, 2020, 59, 9888-9907.	13.8	821
114	In vivomonitoring of tissue regeneration using a ratiometric lysosomal AIE probe. Chemical Science, 2020, 11, 3152-3163.	7.4	52
115	Multifunctional Au I â€based AIEgens: Manipulating Molecular Structures and Boosting Specific Cancer Cell Imaging and Theranostics. Angewandte Chemie, 2020, 132, 7163-7171.	2.0	17
116	Highly Stable and Bright NIR-II AIE Dots for Intraoperative Identification of Ureter. ACS Applied Materials & Interfaces, 2020, 12, 8040-8049.	8.0	50
117	A lipophilic AIEgen for lipid droplet imaging and evaluation of the efficacy of HIF-1 targeting drugs. Journal of Materials Chemistry B, 2020, 8, 1516-1523.	5.8	34
118	Phage-Guided Targeting, Discriminative Imaging, and Synergistic Killing of Bacteria by AIE Bioconjugates. Journal of the American Chemical Society, 2020, 142, 3959-3969.	13.7	143
119	Less is more: Silver-AIE core@shell nanoparticles for multimodality cancer imaging and synergistic therapy. Biomaterials, 2020, 238, 119834.	11.4	48
120	Red AIEâ€Active Fluorescent Probes with Tunable Organelleâ€Specific Targeting. Advanced Functional Materials, 2020, 30, 1909268.	14.9	85
121	Highly efficient singlet oxygen generation, two-photon photodynamic therapy and melanoma ablation by rationally designed mitochondria-specific near-infrared AIEgens. Chemical Science, 2020, 11, 2494-2503.	7.4	131
122	Bioinspired Simultaneous Changes in Fluorescence Color, Brightness, and Shape of Hydrogels Enabled by AIEgens. Advanced Materials, 2020, 32, e1906493.	21.0	160
123	Facile Synthesis of Efficient Luminogens with AIE Features for Threeâ€Photon Fluorescence Imaging of the Brain through the Intact Skull. Advanced Materials, 2020, 32, e2000364.	21.0	103
124	Cancer cell discrimination and dynamic viability monitoring through wash-free bioimaging using AIEgens. Chemical Science, 2020, 11, 7676-7684.	7.4	45
125	Dragonfly-shaped near-infrared AIEgen with optimal fluorescence brightness for precise image-guided cancer surgery. Biomaterials, 2020, 248, 120036.	11.4	71
126	Killing G(+) or G(â^') Bacteria? The Important Role of Molecular Charge in AIEâ€Active Photosensitizers. Small Methods, 2020, 4, 2000046.	8.6	114

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127	Two Are Better Than One: A Design Principle for Ultralongâ€Persistent Luminescence of Pure Organics. Advanced Materials, 2020, 32, e2001026.	21.0	164
128	One stone, three birds: one AIEgen with three colors for fast differentiation of three pathogens. Chemical Science, 2020, 11, 4730-4740.	7.4	59
129	Multifunctional Au^Iâ€based AIEgens: Manipulating Molecular Structures and Boosting Specific Cancer Cell Imaging and Theranostics. Angewandte Chemie - International Edition, 2020, 59, 7097-7105.	13.8	49
130	Facile Synthesis of Functional Processable Fluoropolydienes by Alkyne-Based Multicomponent Polycouplings. Macromolecules, 2020, 53, 9859-9868.	4.8	4
131	Circularly polarized luminescence from AIEgens. Journal of Materials Chemistry C, 2020, 8, 3284-3301.	5.5	141
132	Visualizing and monitoring interface structures and dynamics by luminogens with aggregation-induced emission. Journal of Applied Physics, 2019, 126, 050901.	2.5	19
133	Restriction of Access to the Dark State: A New Mechanistic Model for Heteroatomâ€Containing AIE Systems. Angewandte Chemie, 2019, 131, 15053-15056.	2.0	34
134	Sparks fly when AIE meets with polymers. Materials Chemistry Frontiers, 2019, 3, 2207-2220.	5.9	68
135	A Functioning Macroscopic â€œRubik's Cubeâ€•Assembled via Controllable Dynamic Covalent Interactions. Advanced Materials, 2019, 31, e1902365.	21.0	84
136	Tunable circularly polarized luminescence from molecular assemblies of chiral AIEgens. Materials Chemistry Frontiers, 2019, 3, 1768-1778.	5.9	74
137	Tailoring the Molecular Properties with Isomerism Effect of AIEgens. Advanced Functional Materials, 2019, 29, 1903834.	14.9	31
138	Restriction of Access to the Dark State: A New Mechanistic Model for Heteroatomâ€Containing AIE Systems. Angewandte Chemie - International Edition, 2019, 58, 14911-14914.	13.8	130
139	Non-aromatic annulene-based aggregation-induced emission system via aromaticity reversal process. Nature Communications, 2019, 10, 2952.	12.8	125
140	Aggregationâ€Induced Nonlinear Optical Effects of AIEgen Nanocrystals for Ultradeep In Vivo Bioimaging. Advanced Materials, 2019, 31, e1904799.	21.0	126
141	Visualization and Manipulation of Molecular Motion in the Solid State through Photoinduced Clusteroluminescence. Journal of Physical Chemistry Letters, 2019, 10, 7077-7085.	4.6	50
142	Supramolecular Polymerization with Dynamic Self-Sorting Sequence Control. Macromolecules, 2019, 52, 8814-8825.	4.8	40
143	Hydrogels: A Functioning Macroscopic â€œRubik's Cubeâ€•Assembled via Controllable Dynamic Covalent Interactions (Adv. Mater. 40/2019). Advanced Materials, 2019, 31, 1970286.	21.0	0
144	Three-Component Regio- and Stereoselective Polymerizations toward Functional Chalcogen-Rich Polymers with AIE-Activities. Journal of the American Chemical Society, 2019, 141, 14712-14719.	13.7	47

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145	Molecular Motion in the Solid State. , 2019, 1, 425-431.		71
146	Tuning Organelle Specificity and Photodynamic Therapy Efficiency by Molecular Function Design. ACS Nano, 2019, 13, 11283-11293.	14.6	199
147	Super-Resolution Visualization of Self-Assembling Helical Fibers Using Aggregation-Induced Emission Luminogens in Stimulated Emission Depletion Nanoscopy. ACS Nano, 2019, 13, 11863-11873.	14.6	45
148	Aggregation-induced emission: fundamental understanding and future developments. Materials Horizons, 2019, 6, 428-433.	12.2	564
149	Pyrene-based blue emitters with aggregation-induced emission features for high-performance organic light-emitting diodes. Journal of Materials Chemistry C, 2019, 7, 2283-2290.	5.5	78
150	Facile emission color tuning and circularly polarized light generation of single luminogen in engineering robust forms. Materials Horizons, 2019, 6, 405-411.	12.2	41
151	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. Angewandte Chemie, 2019, 131, 4584-4588.	2.0	14
152	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. Angewandte Chemie - International Edition, 2019, 58, 4536-4540.	13.8	87
153	Molecular Transmission: Visible and Rate-Controllable Photoreactivity and Synergy of Aggregation-Induced Emission and Hostâ€“Guest Assembly. Chemistry of Materials, 2019, 31, 1092-1100.	6.7	46
154	A New Strategy toward â€œSimpleâ€•Waterâ€Soluble AIE Probes for Hypoxia Detection. Advanced Functional Materials, 2019, 29, 1903278.	14.9	58
155	In Situ Generation of Azonia-Containing Polyelectrolytes for Luminescent Photopatterning and Superbug Killing. Journal of the American Chemical Society, 2019, 141, 11259-11268.	13.7	78
156	A smart AIEgen-functionalized surface with reversible modulation of fluorescence and wettability. Materials Horizons, 2019, 6, 2032-2039.	12.2	19
157	Structure, Assembly, and Function of (Latent)-Chiral AIEgens. , 2019, 1, 192-202.		70
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