

Dong Wang

List of Publications by Year in descending order

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686
papers

101,232
citations

239

144
h-index

309

290
g-index

719
all docs

719
docs citations

719
times ranked

34590
citing authors

#	ARTICLE	IF	CITATIONS
1	Type I AIE photosensitizers: Mechanism and application. <i>View</i> , 2022, 3, 20200121.	2.7	72
2	<i>In Situ</i> Generation of <i>N</i> -Heteroaromatic Polymers: Metal-Free Multicomponent Polymerization for Photopatterning, Morphological Imaging, and Cr(VI) Sensing. <i>CCS Chemistry</i> , 2022, 4, 2308-2320.	4.6	9
3	Endowing AIE with Extraordinary Potential: A New Au(I)-Containing AIEgen for Bimodal Bioimaging-Guided Multimodal Synergistic Cancer Therapy. <i>Advanced Functional Materials</i> , 2022, 32, 2108199.	7.8	9
4	Brain-Targeted Aggregation-Induced Emission Nanoparticles with Near-Infrared Imaging at 1550 nm Boosts Orthotopic Glioblastoma Theranostics. <i>Advanced Materials</i> , 2022, 34, e2106082.	11.1	75
5	Seeing the unseen: AIE luminogens for super-resolution imaging. <i>Coordination Chemistry Reviews</i> , 2022, 451, 214279.	9.5	48
6	How do molecular interactions affect fluorescence behavior of AIEgens in solution and aggregate states?. <i>Science China Chemistry</i> , 2022, 65, 135-144.	4.2	31
7	Altering Chain Flexibility of Aliphatic Polyesters for Yellow-Green Clusteroluminescence in 38% Quantum Yield. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	83
8	Altering Chain Flexibility of Aliphatic Polyesters for Yellow-Green Clusteroluminescence in 38% Quantum Yield. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7
9	Cationization to boost both type I and type II ROS generation for photodynamic therapy. <i>Biomaterials</i> , 2022, 280, 121255.	5.7	67
10	Metal-Based Aggregation-Induced Emission Theranostic Systems. <i>ChemMedChem</i> , 2022, 17, .	1.6	12
11	Syntheses, properties, and applications of CO ₂ -based functional polymers. <i>Cell Reports Physical Science</i> , 2022, 3, 100719.	2.8	39
12	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, .	7.8	51
13	A Hierarchical Structure of Flower-Like Zinc Oxide and Poly(Vinyl Alcohol-co-Ethylene) Nanofiber Hybrid Membranes for High-Performance Air Filters. <i>ACS Omega</i> , 2022, 7, 3030-3036.	1.6	9
14	Unveiling the crucial contributions of electrostatic and dispersion interactions to the ultralong room-temperature phosphorescence of H-bond crosslinked poly(vinyl alcohol) films. <i>Materials Horizons</i> , 2022, 9, 1081-1088.	6.4	42
15	Tuning non-radiative decay channels via symmetric/asymmetric substituent effects on phenazine derivatives and their phototherapy switch between dynamic and thermal processes. <i>Materials Chemistry Frontiers</i> , 2022, 6, 316-324.	3.2	3
16	Autonomous Visualization of Damage in Polymers by Metal-Free Polymerizations of Microencapsulated Activated Alkynes. <i>Advanced Science</i> , 2022, 9, e2105395.	5.6	8
17	Novel Quinoline AIE System: Visualization of Molecular Motion and Elaborate Tailoring for Biological Application**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	31
18	The role of amide (n,π*) transitions in polypeptide clusteroluminescence. <i>Cell Reports Physical Science</i> , 2022, 3, 100716.	2.8	29

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19	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
20	Fused Heterocyclic Polymers with Aggregation-Induced Emission: Synthesis and Applications. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3120-3130.	2.0	15
21	Bringing Inherent Charges into Aggregation-Induced Emission Research. <i>Accounts of Chemical Research</i> , 2022, 55, 197-208.	7.6	40
22	NIR-II Aggregation-Induced Emission Luminogens for Tumor Phototheranostics. <i>Biosensors</i> , 2022, 12, 46.	2.3	15
23	Polymerizations of Activated Alkynes. <i>Progress in Polymer Science</i> , 2022, 126, 101503.	11.8	25
24	Aggregation caused quenching to aggregation induced emission transformation: a precise tuning based on BN-doped polycyclic aromatic hydrocarbons toward subcellular organelle specific imaging. <i>Chemical Science</i> , 2022, 13, 3129-3139.	3.7	58
25	Evoking Highly Immunogenic Ferroptosis Aided by Intramolecular Motion-Induced Photo-Hyperthermia for Cancer Therapy. <i>Advanced Science</i> , 2022, 9, e2104885.	5.6	34
26	One-Pot Synthesis of Customized Metal-Phenolic Network-Coated AIE Dots for In Vivo Bioimaging. <i>Advanced Science</i> , 2022, 9, e2104997.	5.6	20
27	Deep-Red Aggregation-Induced Emission Luminogen Based on Dithiofulvalene-Fused Benzothiadiazole for Lipid Droplet-Specific Imaging. , 2022, 4, 159-164.		28
28	Facile synthesis of hierarchical SnSe nanosheets-hydrogel evaporators for sustainable solar-powered desalination. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10672-10681.	5.2	12
29	The fast-growing field of photo-driven theranostics based on aggregation-induced emission. <i>Chemical Society Reviews</i> , 2022, 51, 1983-2030.	18.7	168
30	In Situ Electrospinning of Aggregation-Induced Emission Nanofibrous Dressing for Wound Healing. <i>Small Methods</i> , 2022, 6, e2101247.	4.6	57
31	Aggregation-Induced Emission Luminogen-Based Dual-Mode Enzyme-Linked Immunosorbent Assay for Ultrasensitive Detection of Cancer Biomarkers in a Broad Concentration Range. <i>ACS Sensors</i> , 2022, 7, 766-774.	4.0	13
32	Aggregation-Induced Emission Luminogens for Cell Death Research. <i>ACS Bio & Med Chem Au</i> , 2022, 2, 236-257.	1.7	14
33	NIR-II Absorbing Charge Transfer Complexes for Synergistic Photothermal-Chemodynamic Antimicrobial Therapy and Wounds Healing. , 2022, 4, 692-700.		16
34	Click Synthesis Enabled Sulfur Atom Strategy for Polymerization-Enhanced and Two-Photon Photosensitization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	26
35	Surfactant-Inspired Coassembly Strategy to Integrate Aggregation-Induced Emission Photosensitizer with Organosilica Nanoparticles for Efficient Theranostics. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	23
36	Acceptor Planarization and Donor Rotation: A Facile Strategy for Realizing Synergistic Cancer Phototherapy <i>via</i> Type I PDT and PTT. <i>ACS Nano</i> , 2022, 16, 4162-4174.	7.3	121

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37	Deep-Brain Three-Photon Imaging Enabled by Aggregation-Induced Emission Luminogens with Near-Infrared-III Excitation. <i>ACS Nano</i> , 2022, 16, 6712-6724.	7.3	40
38	Effective Therapy of Drug-Resistant Bacterial Infection by Killing Planktonic Bacteria and Destructing Biofilms with Cationic Photosensitizer Based on Phosphindole Oxide. <i>Small</i> , 2022, 18, e2200743.	5.2	27
39	Multimodal Imaging-Guided Photothermal Immunotherapy Based on a Versatile NIR-III Aggregation-Induced Emission Luminogen. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7
40	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.	7.3	22
41	Multimodal Imaging-Guided Photothermal Immunotherapy Based on a Versatile NIR-III Aggregation-Induced Emission Luminogen. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	78
42	Aggregation-Induced emission luminogens for augmented photosynthesis. <i>Exploration</i> , 2022, 2, .	5.4	19
43	Recent advances in aggregation-induced emission luminogens in photoacoustic imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2560-2583.	3.3	7
44	A mitochondria-targeted AIE photosensitizer for enhancing specificity and efficacy of ferroptosis inducer. <i>Science China Chemistry</i> , 2022, 65, 870-876.	4.2	12
45	Tumor-derived exosomes co-delivering aggregation-induced emission luminogens and proton pump inhibitors for tumor glutamine starvation therapy and enhanced type-I photodynamic therapy. <i>Biomaterials</i> , 2022, 283, 121462.	5.7	75
46	Synchronously boosting type-I photodynamic and photothermal efficacies via molecular manipulation for pancreatic cancer theranostics in the NIR-II window. <i>Biomaterials</i> , 2022, 283, 121476.	5.7	48
47	Aggregation-Induced Emission Boosting the Study of Polymer Science. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200080.	2.0	13
48	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.	6.2	24
49	Cellular organelle-targeted smart AIEgens in tumor detection, imaging and therapeutics. <i>Coordination Chemistry Reviews</i> , 2022, 462, 214508.	9.5	10
50	Precise Molecular Engineering of Type I Photosensitizers with Near-Infrared Aggregation-Induced Emission for Image-Guided Photodynamic Killing of Multidrug-Resistant Bacteria. <i>Advanced Science</i> , 2022, 9, e2104079.	5.6	55
51	A cell membrane-targeting AIE photosensitizer as a necroptosis inducer for boosting cancer theranostics. <i>Chemical Science</i> , 2022, 13, 5929-5937.	3.7	40
52	Photo-Enhanced Chemotherapy Performance in Bladder Cancer Treatment via Albumin Coated AIE Aggregates. <i>ACS Nano</i> , 2022, 16, 7535-7546.	7.3	37
53	A green and efficient strategy facilitates continuous solar-induced steam generation based on tea-assisted synthesis of gold nanoflowers. <i>Nano Research</i> , 2022, 15, 6705-6712.	5.8	7
54	Type-I AIE photosensitizer triggered cascade catalysis system for tumor targeted therapy and postoperative recurrence suppression. <i>Chemical Engineering Journal</i> , 2022, 446, 136381.	6.6	17

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55	Aggregation-induced emission polymers. , 2022, , 45-86.		1
56	Activated Internal ^{Alkyne-Based} Polymerization. Chinese Journal of Chemistry, 2022, 40, 2001-2013.	2.6	9
57	Molecular Motion and Nonradiative Decay: Towards Efficient Photothermal and Photoacoustic Systems. Angewandte Chemie - International Edition, 2022, 61, .	7.2	88
58	Molecular Motion and Nonradiative Decay: Towards Efficient Photothermal and Photoacoustic Systems. Angewandte Chemie, 2022, 134, .	1.6	9
59	Aggregation-Induced Emission Nanoparticles for Single Near-Infrared Light-Triggered Photodynamic and Photothermal Antibacterial Therapy. ACS Nano, 2022, 16, 7961-7970.	7.3	61
60	AI-Egen-Based Bionic Nanozymes for the Interventional Photodynamic Therapy-Based Treatment of Orthotopic Colon Cancer. ACS Applied Materials & Interfaces, 2022, 14, 26394-26403.	4.0	18
61	Aggregation-induced emission: An emerging concept in brain science. Biomaterials, 2022, 286, 121581.	5.7	20
62	Visualization and monitoring of dynamic damaging"healing processes of polymers by using AI-Egen-loaded multifunctional microcapsules. Journal of Materials Chemistry A, 2022, 10, 15438-15448.	5.2	8
63	Diversity-Oriented Synthesis of Functional Polymers with Multisubstituted Small Heterocycles by Facile Stereoselective Multicomponent Polymerizations. Macromolecules, 2022, 55, 4389-4401.	2.2	4
64	AI-E-Active Photosensitizers: Manipulation of Reactive Oxygen Species Generation and Applications in Photodynamic Therapy. Biosensors, 2022, 12, 348.	2.3	24
65	Three"Pronged Attack by Hybrid Nanoplatform Involving MXenes, Upconversion Nanoparticle and Aggregation"Induced Emission Photosensitizer for Potent Cancer Theranostics. Small Methods, 2022, 6, .	4.6	11
66	"One Stone, Four Birds"-Ion Engineering to Fabricate Versatile Core"Shell Organosilica Nanoparticles for Intelligent Nanotheranostics. ACS Nano, 2022, 16, 9785-9798.	7.3	19
67	A potent luminogen with NIR-IIb excitable AIE features for ultradeep brain vascular and hemodynamic three-photon imaging. Biomaterials, 2022, 287, 121612.	5.7	15
68	Achieving diversified emissive behaviors of AIE, TADF, RTP, dual-RTP and mechanoluminescence from simple organic molecules by positional isomerism. Journal of Materials Chemistry C, 2022, 10, 10009-10016.	2.7	11
69	Near-Infrared-Emissive AIE Bioconjugates: Recent Advances and Perspectives. Molecules, 2022, 27, 3914.	1.7	8
70	Secondary through-space interactions facilitated single-molecule white-light emission from clusteroluminogens. Nature Communications, 2022, 13, .	5.8	50
71	Cascade C"H-Activated Polyannulations toward Ring-Fused Heteroaromatic Polymers for Intracellular pH Mapping and Cancer Cell Killing. Journal of the American Chemical Society, 2022, 144, 11788-11801.	6.6	16
72	Bacterial targeted AIE photosensitizers synergistically promote chemotherapy for the treatment of inflammatory cancer. Chemical Engineering Journal, 2022, 447, 137579.	6.6	17

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73	Boric Acid-Activated Room-Temperature Phosphorescence and Thermally Activated Delayed Fluorescence for Efficient Solid-State Photoluminescence Materials. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	17
74	Self-Assembled Metallacage with Second Near-Infrared Aggregation-Induced Emission for Enhanced Multimodal Theranostics. <i>Journal of the American Chemical Society</i> , 2022, 144, 12825-12833.	6.6	84
75	Biomimetic Nanoplatform Loading Type I Aggregation-Induced Emission Photosensitizer and Glutamine Blockade to Regulate Nutrient Partitioning for Enhancing Antitumor Immunotherapy. <i>ACS Nano</i> , 2022, 16, 10742-10753.	7.3	26
76	Lipid Droplet-Specific Red Aggregation-Induced Emission Luminogens: Fast Light-Up of Gram-Positive Pathogens for Identification of Bacteria. , 2022, 4, 1523-1530.		10
77	AIEgens in Solar Energy Utilization: Advances and Opportunities. <i>Langmuir</i> , 2022, 38, 8719-8732.	1.6	6
78	Aliphatic Polyesters with White-Light Clusteroluminescence. <i>Journal of the American Chemical Society</i> , 2022, 144, 15286-15294.	6.6	67
79	A novel drug susceptibility testing AIEgen with spatiotemporal resolved progress-reporting characteristic for therapy of drug-resistant tumor. <i>Materials Today</i> , 2022, 61, 117-128.	8.3	7
80	Innovative Verfahren zur Synthese von Luminogenen mit aggregationsinduzierter Emission. <i>Angewandte Chemie</i> , 2021, 133, 15856-15876.	1.6	9
81	Innovative Synthetic Procedures for Luminogens Showing Aggregation-Induced Emission. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15724-15742.	7.2	72
82	Solid-state intramolecular motions in continuous fibers driven by ambient humidity for fluorescent sensors. <i>National Science Review</i> , 2021, 8, nwa135.	4.6	36
83	Structural and process controls of AIEgens for NIR-II theranostics. <i>Chemical Science</i> , 2021, 12, 3427-3436.	3.7	169
84	NIR- AIEgens: A Win-Win Integration towards Bioapplications. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7476-7487.	7.2	253
85	NIR- AIEgens: A Win-Win Integration towards Bioapplications. <i>Angewandte Chemie</i> , 2021, 133, 7552-7563.	1.6	49
86	Mechanochromic Fluorescent Polymers Enabled by AIE Processes. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000311.	2.0	49
87	Inorganic-Organic Nanocomposites Based on Aggregation-Induced Emission Luminogens. <i>Advanced Functional Materials</i> , 2021, 31, 2006952.	7.8	31
88	One-Step Multicomponent Polymerizations for the Synthesis of Multifunctional AIE Polymers. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000471.	2.0	20
89	pH-responsive copper-cluster-based dual-emission ratiometric fluorescent probe for imaging of bacterial metabolism. <i>Talanta</i> , 2021, 221, 121621.	2.9	15
90	Zwitterionic AIEgens: Rational Molecular Design for NIR- Fluorescence Imaging-Guided Synergistic Phototherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2007026.	7.8	87

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91	<sc>Aggregation-Induced Emission: A Rising Star in Chemistry and Materials Science. Chinese Journal of Chemistry, 2021, 39, 677-689.	2.6	69
92	Mechanistic connotations of restriction of intramolecular motions (RIM). National Science Review, 2021, 8, nwa260.	4.6	119
93	Unusual light-driven amplification through unexpected regioselective photogeneration of five-membered azaheterocyclic AIEgen. Chemical Science, 2021, 12, 709-717.	3.7	23
94	AIEgens for microbial detection and antimicrobial therapy. Biomaterials, 2021, 268, 120598.	5.7	86
95	Fluorescent sensing of nucleus density assists in identifying tumor cells using an AIE luminogen. Chemical Engineering Journal, 2021, 410, 128183.	6.6	7
96	AIE-based luminescence probes for metal ion detection. Coordination Chemistry Reviews, 2021, 429, 213693.	9.5	157
97	Wash-free detection and bioimaging by AIEgens. Materials Chemistry Frontiers, 2021, 5, 723-743.	3.2	25
98	Recent advances in cation sensing using aggregation-induced emission. Materials Chemistry Frontiers, 2021, 5, 659-708.	3.2	99
99	A near-infrared AIE probe for super-resolution imaging and nuclear lipid droplet dynamic study. Materials Chemistry Frontiers, 2021, 5, 3043-3049.	3.2	37
100	Aggregation-Induced Generation of Reactive Oxygen Species: Mechanism and Photosensitizer Construction. Molecules, 2021, 26, 268.	1.7	47
101	A low-cost and green-solvent-processable hole-transport material enabled by a traditional bidentate ligand for highly efficient inverted perovskite solar cells. Journal of Materials Chemistry C, 2021, 9, 8930-8938.	2.7	8
102	Fluorescent polymer cubosomes and hexosomes with aggregation-induced emission. Chemical Science, 2021, 12, 5495-5504.	3.7	31
103	Recent Advances of AIEgens for Targeted Imaging of Subcellular Organelles. Chemical Research in Chinese Universities, 2021, 37, 52-65.	1.3	12
104	An easily available ratiometric AIE probe for nitroxyl visualization <i>in vitro</i> and <i>in vivo</i> . Materials Chemistry Frontiers, 2021, 5, 1817-1823.	3.2	15
105	Rapid membrane-specific AIEgen featuring with wash-free imaging and sensitive light-excited killing of cells, bacteria, and fungi. Materials Chemistry Frontiers, 2021, 5, 2724-2729.	3.2	8
106	A DNA tetrahedron-loaded natural photosensitizer with aggregation-induced emission characteristics for boosting fluorescence imaging-guided photodynamic therapy. Materials Chemistry Frontiers, 2021, 5, 5410-5417.	3.2	10
107	A Novel Fluorescent Probe for ATP Detection Based on Synergetic Effect of Aggregation-induced Emission and Counterion Displacement. Chemical Research in Chinese Universities, 2021, 37, 166-170.	1.3	5
108	Functional Polymer Systems with Aggregation-Induced Emission and Stimuli Responses. Topics in Current Chemistry, 2021, 379, 7.	3.0	26

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109	Recent Advances of Aggregation-induced Emission Materials in Phototheranostics. Chinese Journal of Luminescence, 2021, 42, 361-378.	0.2	1
110	A biocompatible dual-AIEgen system without spectral overlap for quantitation of microbial viability and monitoring of biofilm formation. Materials Horizons, 2021, 8, 1816-1824.	6.4	7
111	Switching energy dissipation pathway: <i>in situ</i> proton-induced transformation of AIE-active self-assemblies to boost photodynamic therapy. Biomaterials Science, 2021, 9, 4301-4307.	2.6	6
112	Diagnosis of fatty liver disease by a multiphoton-active and lipid-droplet-specific AIEgen with nonaromatic rotors. Materials Chemistry Frontiers, 2021, 5, 1853-1862.	3.2	22
113	Hydrogen peroxide-responsive AIE probe for imaging-guided organelle targeting and photodynamic cancer cell ablation. Materials Chemistry Frontiers, 2021, 5, 3489-3496.	3.2	28
114	Aggregate Science: Much to Explore in the Meso World. Matter, 2021, 4, 338-349.	5.0	74
115	Clusteroluminescence from Cluster Excitons in Small Heterocyclics Free of Aromatic Rings. Advanced Science, 2021, 8, 2004299.	5.6	49
116	Pillar[5]arene-Modified Gold Nanorods as Nanocarriers for Multimodal Imaging-Guided Synergistic Photodynamic-Photothermal Therapy. Advanced Functional Materials, 2021, 31, 2009924.	7.8	64
117	Efficient Killing of Multidrug-Resistant Internalized Bacteria by AIEgens In Vivo. Advanced Science, 2021, 8, 2001750.	5.6	49
118	Direct Visualization of Chiral Amplification of Chiral Aggregation Induced Emission Molecules in Nematic Liquid Crystals. ACS Nano, 2021, 15, 4956-4966.	7.3	71
119	Hypoxia-activated probe for NIR fluorescence and photoacoustic dual-mode tumor imaging. IScience, 2021, 24, 102261.	1.9	23
120	Cost-effective resource utilization for waste biomass: A simple preparation method of photo-thermal biochar cakes (BCs) toward dye wastewater treatment with solar energy. Environmental Research, 2021, 194, 110720.	3.7	39
121	Upregulating Aggregation-Induced-Emission Nanoparticles with Blood-Tumor Barrier Permeability for Precise Photothermal Eradication of Brain Tumors and Induction of Local Immune Responses. Advanced Materials, 2021, 33, e2008802.	11.1	54
122	Water-Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIR-Photothermal Anti-Bacterial Therapy. Angewandte Chemie, 2021, 133, 11864-11868.	1.6	16
123	Water-Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIR-Photothermal Anti-Bacterial Therapy. Angewandte Chemie - International Edition, 2021, 60, 11758-11762.	7.2	91
124	CO ₂ -Involved and Isocyanide-Based Three-Component Polymerization toward Functional Heterocyclic Polymers with Self-Assembly and Sensing Properties. Macromolecules, 2021, 54, 4112-4119.	2.2	9
125	Photoresponsive Polymers with Aggregation-Induced Emission. ACS Applied Polymer Materials, 2021, 3, 2290-2309.	2.0	40
126	Improving Image-Guided Surgical and Immunological Tumor Treatment Efficacy by Photothermal and Photodynamic Therapies Based on a Multifunctional NIR AIEgen. Advanced Materials, 2021, 33, e2101158.	11.1	125

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127	A Feasible Strategy of Fabricating Type I Photosensitizer for Photodynamic Therapy in Cancer Cells and Pathogens. <i>ACS Nano</i> , 2021, 15, 7735-7743.	7.3	95
128	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.	6.2	56
129	Precise Molecular Engineering of Small Organic Phototheranostic Agents toward Multimodal Imaging-Guided Synergistic Therapy. <i>ACS Nano</i> , 2021, 15, 7328-7339.	7.3	79
130	More is less: Creation of pathogenic microbe-related theranostic oriented AIEgens. <i>Biomaterials</i> , 2021, 271, 120725.	5.7	23
131	Making Aggregation-Induced Emission Luminogen More Valuable by Gold: Enhancing Anticancer Efficacy by Suppressing Thioredoxin Reductase Activity. <i>ACS Nano</i> , 2021, 15, 9176-9185.	7.3	41
132	Good Steel Used in the Blade: Well-Tailored Type-II Photosensitizers with Aggregation-Induced Emission Characteristics for Precise Nuclear Targeting Photodynamic Therapy. <i>Advanced Science</i> , 2021, 8, e2100524.	5.6	94
133	Aggregation-Induced Emission Luminogens Sensitized Quasi-2D Hybrid Perovskites with Unique Photoluminescence and High Stability for Fabricating White Light-Emitting Diodes. <i>Advanced Science</i> , 2021, 8, e2100811.	5.6	16
134	Enlarging the Reservoir: High Absorption Coefficient Dyes Enable Synergetic Near Infrared-Fluorescence Imaging and Near Infrared-Photothermal Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2102213.	7.8	47
135	Cationic Tricyclic AIEgens for Concomitant Bacterial Discrimination and Inhibition. <i>Advanced Healthcare Materials</i> , 2021, 10, 2100136.	3.9	8
136	Conjugated Polymers with Aggregation-Induced Emission Characteristics for Fluorescence Imaging and Photodynamic Therapy. <i>ChemMedChem</i> , 2021, 16, 2330-2338.	1.6	20
137	Patient-derived microvesicles/AIE luminogen hybrid system for personalized sonodynamic cancer therapy in patient-derived xenograft models. <i>Biomaterials</i> , 2021, 272, 120755.	5.7	35
138	Visualization and Manipulation of Solid-State Molecular Motions in Cocrystallization Processes. <i>Journal of the American Chemical Society</i> , 2021, 143, 9468-9477.	6.6	52
139	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.	6.6	97
140	Stimuli-Responsive AIEgens. <i>Advanced Materials</i> , 2021, 33, e2008071.	11.1	178
141	Mitochondria-Specific Aggregation-Induced Emission Luminogens for Selective Photodynamic Killing of Fungi and Efficacious Treatment of Keratitis. <i>ACS Nano</i> , 2021, 15, 12129-12139.	7.3	46
142	AIEgens enabled ultrasensitive point-of-care test for multiple targets of food safety: Aflatoxin B1 and cyclopiazonic acid as an example. <i>Biosensors and Bioelectronics</i> , 2021, 182, 113188.	5.3	109
143	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. <i>Angewandte Chemie</i> , 2021, 133, 19371-19380.	1.6	2
144	Molecular Engineering of High-Performance Aggregation-Induced Emission Photosensitizers to Boost Cancer Theranostics Mediated by Acid-Triggered Nucleus-Targeted Nanovectors. <i>ACS Nano</i> , 2021, 15, 10689-10699.	7.3	50

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145	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19222-19231.	7.2	29
146	Graphene Oxide Based Fluorescent DNA Aptasensor for Liver Cancer Diagnosis and Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2102645.	7.8	12
147	Bright Bacterium for Hypoxia-Tolerant Photodynamic Therapy Against Orthotopic Colon Tumors by an Interventional Method. <i>Advanced Science</i> , 2021, 8, e2004769.	5.6	64
148	Synergistic Enhancement of Fluorescence and Magnetic Resonance Signals Assisted by Albumin Aggregate for Dual-Modal Imaging. <i>ACS Nano</i> , 2021, 15, 9924-9934.	7.3	27
149	Tailoring Noncovalent Interactions to Activate Persistent Room-Temperature Phosphorescence from Doped Polyacrylonitrile Films. <i>Advanced Functional Materials</i> , 2021, 31, 2101656.	7.8	83
150	One-for-all phototheranostics: Single component AIE dots as multi-modality theranostic agent for fluorescence-photoacoustic imaging-guided synergistic cancer therapy. <i>Biomaterials</i> , 2021, 274, 120892.	5.7	55
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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