Dan Ding

List of Publications by Citations

200 papers	12,598 citations	59 h-index	108 g-index
219 ext. papers	15,342 ext. citations	11.5 avg, IF	6.99 L-index

#	Paper	IF	Citations
200	Bioprobes based on AIE fluorogens. *Accounts of Chemical Research*, **2013**, 46, 2441-53	24.3	1406
199	Biocompatible Nanoparticles with Aggregation-Induced Emission Characteristics as Far-Red/Near-Infrared Fluorescent Bioprobes for In Vitro and In Vivo Imaging Applications. *Advanced Functional Materials*, **2012**, 22, 771-779	15.6	545
198	Intraparticle Molecular Orbital Engineering of Semiconducting Polymer Nanoparticles as Amplified Theranostics for in Vivo Photoacoustic Imaging and Photothermal Therapy. *ACS Nano*, **2016**, 10, 4472-81	16.7	389
197	Near-Infrared Afterglow Luminescent Aggregation-Induced Emission Dots with Ultrahigh Tumor-to-Liver Signal Ratio for Promoted Image-Guided Cancer Surgery. *Nano Letters*, **2019**, 19, 318-330	11.5	295
196	Photostable fluorescent organic dots with aggregation-induced emission (AIE dots) for noninvasive long-term cell tracing. *Scientific Reports*, **2013**, 3, 1150	4.9	290
195	A Highly Efficient and Photostable Photosensitizer with Near-Infrared Aggregation-Induced Emission for Image-Guided Photodynamic Anticancer Therapy. *Advanced Materials*, **2017**, 29, 1700548	24	280
194	Molecular Motion in Aggregates: Manipulating TICT for Boosting Photothermal Theranostics. *Journal of the American Chemical Society*, **2019**, 141, 5359-5368	16.4	276
193	Semiconducting Oligomer Nanoparticles as an Activatable Photoacoustic Probe with Amplified Brightness for In Vivo Imaging of pH. *Advanced Materials*, **2016**, 28, 3662-8	24	219
192	Ultrabright organic dots with aggregation-induced emission characteristics for real-time two-photon intravital vasculature imaging. *Advanced Materials*, **2013**, 25, 6083-8	24	218
191	Light-driven transformable optical agent with adaptive functions for boosting cancer surgery outcomes. *Nature Communications*, **2018**, 9, 1848	17.4	216
190	Massively Evoking Immunogenic Cell Death by Focused Mitochondrial Oxidative Stress using an AIE Luminogen with a Twisted Molecular Structure. *Advanced Materials*, **2019**, 31, e1904914	24	215
189	Covalently combining carbon nanotubes with anticancer agent: preparation and antitumor activity. *ACS Nano*, **2009**, 3, 2740-50	16.7	210
188	Regulating Near-Infrared Photodynamic Properties of Semiconducting Polymer Nanotheranostics for Optimized Cancer Therapy. *ACS Nano*, **2017**, 11, 8998-9009	16.7	199
187	Highly efficient photothermal nanoagent achieved by harvesting energy via excited-state intramolecular motion within nanoparticles. *Nature Communications*, **2019**, 10, 768	17.4	184
186	Regulating the Photophysical Property of Organic/Polymer Optical Agents for Promoted Cancer Phototheranostics. *Advanced Materials*, **2020**, 32, e1806331	24	176
185	Achieving Persistent, Efficient, and Robust Room-Temperature Phosphorescence from Pure Organics for Versatile Applications. *Advanced Materials*, **2019**, 31, e1807222	24	175
184	Mitochondrion-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics Synergistically Boosts the Radiosensitivity of Cancer Cells to Ionizing Radiation. *Advanced Materials*, **2017**, 29, 1606167	24	173

183	Highly Stable Organic Small Molecular Nanoparticles as an Advanced and Biocompatible Phototheranostic Agent of Tumor in Living Mice. *ACS Nano*, **2017**, 11, 7177-7188	16.7	173
182	Metal-Organic-Framework-Assisted In Vivo Bacterial Metabolic Labeling and Precise Antibacterial Therapy. *Advanced Materials*, **2018**, 30, e1706831	24	172
181	Chemiluminescence-Guided Cancer Therapy Using a Chemiexcited Photosensitizer. *CheM*, **2017**, 3, 991-1007	19.1	169
180	Aggregation-induced red-NIR emission organic nanoparticles as effective and photostable fluorescent probes for bioimaging. *Journal of Materials Chemistry*, **2012**, 22, 15128		156
179	Activatable Fluorescent Nanoprobe with Aggregation-Induced Emission Characteristics for Selective In Vivo Imaging of Elevated Peroxynitrite Generation. *Advanced Materials*, **2016**, 28, 7249-56	24	151
178	Biomarker Displacement Activation: A General Host-Guest Strategy for Targeted Phototheranostics in Vivo. *Journal of the American Chemical Society*, **2018**, 140, 4945-4953	16.4	150
177	Conjugated Polymer Based Nanoparticles as Dual-Modal Probes for Targeted In Vivo Fluorescence and Magnetic Resonance Imaging. *Advanced Functional Materials*, **2012**, 22, 3107-3115	15.6	147
176	Design of superior phototheranostic agents guided by Jablonski diagrams. *Chemical Society Reviews*, **2020**, 49, 8179-8234	58.5	145
175	Calixarene-Based Supramolecular AIE Dots with Highly Inhibited Nonradiative Decay and Intersystem Crossing for Ultrasensitive Fluorescence Image-Guided Cancer Surgery. *Angewandte Chemie - International Edition*, **2020**, 59, 10008-10012	16.4	144
174	Folic acid-functionalized two-photon absorbing nanoparticles for targeted MCF-7 cancer cell imaging. *Chemical Communications*, **2011**, 47, 7323-5	5.8	139
173	Amphiphilic semiconducting polymer as multifunctional nanocarrier for fluorescence/photoacoustic imaging guided chemo-photothermal therapy. *Biomaterials*, **2017**, 145, 168-177	15.6	135
172	Long wavelength excitable near-infrared fluorescent nanoparticles with aggregation-induced emission characteristics for image-guided tumor resection. *Chemical Science*, **2017**, 8, 2782-2789	9.4	131
171	Lipid-PEG-folate encapsulated nanoparticles with aggregation induced emission characteristics: cellular uptake mechanism and two-photon fluorescence imaging. *Small*, **2012**, 8, 3655-63	11	128
170	Precise and long-term tracking of adipose-derived stem cells and their regenerative capacity via superb bright and stable organic nanodots. *ACS Nano*, **2014**, 8, 12620-31	16.7	124
169	Multifunctional Conjugated Polymer Nanoparticles for Image-Guided Photodynamic and Photothermal Therapy. *Small*, **2017**, 13, 1602807	11	122
168	Corannulene-Incorporated AIE Nanodots with Highly Suppressed Nonradiative Decay for Boosted Cancer Phototheranostics In Vivo. *Advanced Materials*, **2018**, 30, e1801065	24	120
167	Constitutional Isomerization Enables Bright NIR-II AIEgen for Brain-Inflammation Imaging. *Advanced Functional Materials*, **2020**, 30, 1908125	15.6	109
166	Organic Dots with Aggregation-Induced Emission (AIE Dots) Characteristics for Dual-Color Cell Tracing. *Chemistry of Materials*, **2013**, 25, 4181-4187	9.6	108

165	Aggregation-Induced Emission Luminogens: Union Is Strength, Gathering Illuminates Healthcare. *Advanced Healthcare Materials*, **2018**, 7, e1800477	10.1	107
164	Conjugated polymer amplified far-red/near-infrared fluorescence from nanoparticles with aggregation-induced emission characteristics for targeted in vivo imaging. *Advanced Healthcare Materials*, **2013**, 2, 500-7	10.1	105
163	Unity Makes Strength: How Aggregation-Induced Emission Luminogens Advance the Biomedical Field. *Advanced Biology*, **2018**, 2, 1800074	3.5	97
162	Multilayered semiconducting polymer nanoparticles with enhanced NIR fluorescence for molecular imaging in cells, zebrafish and mice. *Chemical Science*, **2016**, 7, 5118-5125	9.4	97
161	High performance photosensitizers with aggregation-induced emission for image-guided photodynamic anticancer therapy. *Materials Horizons*, **2017**, 4, 1110-1114	14.4	96
160	Bright far-red/near-infrared conjugated polymer nanoparticles for in vivo bioimaging. *Small*, **2013**, 9, 3093-102	11	95
159	Conjugated polyelectrolyte-cisplatin complex nanoparticles for simultaneous in vivo imaging and drug tracking. *Nanoscale*, **2011**, 3, 1997-2002	7.7	92
158	Nanospheres-incorporated implantable hydrogel as a trans-tissue drug delivery system. *ACS Nano*, **2011**, 5, 2520-34	16.7	92
157	AIEgen-based theranostic system: targeted imaging of cancer cells and adjuvant amplification of antitumor efficacy of paclitaxel. *Chemical Science*, **2017**, 8, 2191-2198	9.4	91
156	High Performance of Simple Organic Phosphorescence Host-Guest Materials and their Application in Time-Resolved Bioimaging. *Advanced Materials*, **2021**, 33, e2007811	24	82
155	Peptide-Induced AIEgen Self-Assembly: A New Strategy to Realize Highly Sensitive Fluorescent Light-Up Probes. *Analytical Chemistry*, **2016**, 88, 3872-8	7.8	81
154	Self-assembly-induced far-red/near-infrared fluorescence light-up for detecting and visualizing specific protein-Peptide interactions. *ACS Nano*, **2014**, 8, 1475-84	16.7	76
153	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	16.4	76
152	Singlet oxygen-responsive micelles for enhanced photodynamic therapy. *Journal of Controlled Release*, **2017**, 260, 12-21	11.7	72
151	A Noncovalent Fluorescence Turn-on Strategy for Hypoxia Imaging. *Angewandte Chemie - International Edition*, **2019**, 58, 2377-2381	16.4	69
150	Cisplatin-loaded gelatin-poly(acrylic acid) nanoparticles: synthesis, antitumor efficiency in vivo and penetration in tumors. *European Journal of Pharmaceutics and Biopharmaceutics*, **2011**, 79, 142-9	5.7	69
149	Triggered ferroptotic polymer micelles for reversing multidrug resistance to chemotherapy. *Biomaterials*, **2019**, 223, 119486	15.6	68
148	Dual Fluorescent- and Isotopic-Labelled Self-Assembling Vancomycin for in vivo Imaging of Bacterial Infections. *Angewandte Chemie - International Edition*, **2017**, 56, 2356-2360	16.4	67

147	Fluorescence bioimaging with conjugated polyelectrolytes. *Nanoscale*, **2012**, 4, 6150-65	7.7	67
146	Ternary Chalcogenide Nanosheets with Ultrahigh Photothermal Conversion Efficiency for Photoacoustic Theranostics. *Small*, **2017**, 13, 1604139	11	63
145	Boosting Fluorescence-Photoacoustic-Raman Properties in One Fluorophore for Precise Cancer Surgery. *CheM*, **2019**, 5, 2657-2677	16.2	62
144	An miRNA Delivery System for Restoring Infarcted Myocardium. *ACS Nano*, **2019**, 13, 9880-9894	16.7	62
143	A fluorescent light-up nanoparticle probe with aggregation-induced emission characteristics and tumor-acidity responsiveness for targeted imaging and selective suppression of cancer cells. *Materials Horizons*, **2015**, 2, 100-105	14.4	60
142	Multifunctional Micelles Dually Responsive to Hypoxia and Singlet Oxygen: Enhanced Photodynamic Therapy via Interactively Triggered Photosensitizer Delivery. *ACS Applied Materials & Interfaces*, **2018**, 10, 17117-17128	9.5	59
141	Light-up bioprobe with aggregation-induced emission characteristics for real-time apoptosis imaging in target cancer cells. *Journal of Materials Chemistry B*, **2014**, 2, 231-238	7.3	59
140	A Dual-Functional Photosensitizer for Ultraefficient Photodynamic Therapy and Synchronous Anticancer Efficacy Monitoring. *Advanced Functional Materials*, **2019**, 29, 1902673	15.6	58
139	Gathering brings strength: How organic aggregates boost disease phototheranostics. *Aggregate*, **2021**, 2, 95-113	22.9	58
138	Supramolecular Aggregation-Induced Emission Nanodots with Programmed Tumor Microenvironment Responsiveness for Image-Guided Orthotopic Pancreatic Cancer Therapy. *ACS Nano*, **2020**, 14, 5121-5134	16.7	57
137	PEGylated conjugated polyelectrolytes containing 2,1,3-benzoxadiazole units for targeted cell imaging. *Polymer Chemistry*, **2012**, 3, 1567	4.9	54
136	Fluorescent light-up probe with aggregation-induced emission characteristics for in vivo imaging of cell apoptosis. *Organic and Biomolecular Chemistry*, **2013**, 11, 7289-96	3.9	52
135	Photoacoustic Imaging of Embryonic Stem Cell-Derived Cardiomyocytes in Living Hearts with Ultrasensitive Semiconducting Polymer Nanoparticles. *Advanced Functional Materials*, **2018**, 28, 1704939	15.6	51
134	The odd–even effect of alkyl chain in organic room temperature phosphorescence luminogens and the corresponding in vivo imaging. *Materials Chemistry Frontiers*, **2019**, 3, 1391-1397	7.8	50
133	Tracking of Mesenchymal Stem Cell-Derived Extracellular Vesicles Improving Mitochondrial Function in Renal Ischemia-Reperfusion Injury. *ACS Nano*, **2020**, 14, 4014-4026	16.7	50
132	9,9-Dimethylxanthene Derivatives with Room-Temperature Phosphorescence: Substituent Effects and Emissive Properties. *Angewandte Chemie - International Edition*, **2020**, 59, 9946-9951	16.4	49
131	Bright far-red/near-infrared fluorescent conjugated polymer nanoparticles for targeted imaging of HER2-positive cancer cells. *Polymer Chemistry*, **2013**, 4, 4326	4.9	48
130	Tumor accumulation, penetration, and antitumor response of cisplatin-loaded gelatin/poly(acrylic acid) nanoparticles. *ACS Applied Materials & Interfaces*, **2012**, 4, 1838-46	9.5	48

129	Bright single-chain conjugated polymer dots embedded nanoparticles for long-term cell tracing and imaging. *Small*, **2014**, 10, 1212-9	11	47
128	Dragonfly-shaped near-infrared AIEgen with optimal fluorescence brightness for precise image-guided cancer surgery. *Biomaterials*, **2020**, 248, 120036	15.6	46
127	Substitution Activated Precise Phototheranostics through Supramolecular Assembly of AIEgen and Calixarene. *Journal of the American Chemical Society*, **2020**, 142, 15966-15974	16.4	46
126	In Vivo Real-Time Imaging of Extracellular Vesicles in Liver Regeneration via Aggregation-Induced Emission Luminogens. *ACS Nano*, **2019**, 13, 3522-3533	16.7	44
125	Drug delivery with nanospherical supramolecular cell penetrating peptide-taxol conjugates containing a high drug loading. *Journal of Colloid and Interface Science*, **2015**, 453, 15-20	9.3	44
124	Supramolecular Nanofibers of Curcumin for Highly Amplified Radiosensitization of Colorectal Cancers to Ionizing Radiation. *Advanced Functional Materials*, **2018**, 28, 1707140	15.6	44
123	Multicolor Photo-Crosslinkable AIEgens toward Compact Nanodots for Subcellular Imaging and STED Nanoscopy. *Small*, **2017**, 13, 1702128	11	44
122	AIEgen based light-up probes for live cell imaging. *Science China Chemistry*, **2016**, 59, 53-61	7.9	43
121	Bioinspired Coordination Micelles Integrating High Stability, Triggered Cargo Release, and Magnetic Resonance Imaging. *ACS Applied Materials & Interfaces*, **2017**, 9, 80-91	9.5	43
120	Conjugated Polymer Nanodots as Ultrastable Long-Term Trackers to Understand Mesenchymal Stem Cell Therapy in Skin Regeneration. *Advanced Functional Materials*, **2015**, 25, 4263-4273	15.6	43
119	Spatiotemporal Control of Supramolecular Self-Assembly and Function. *ACS Applied Materials & Interfaces*, **2017**, 9, 10012-10018	9.5	42
118	Proline Isomerization-Regulated Tumor Microenvironment-Adaptable Self-Assembly of Peptides for Enhanced Therapeutic Efficacy. *Nano Letters*, **2019**, 19, 7965-7976	11.5	41
117	Hypoxia-tropic nanozymes as oxygen generators for tumor-favoring theranostics. *Biomaterials*, **2020**, 230, 119635	15.6	41
116	Hyperbranched conjugated polyelectrolyte for dual-modality fluorescence and magnetic resonance cancer imaging. *Small*, **2012**, 8, 3523-30	11	40
115	Tocilizumab-Conjugated Polymer Nanoparticles for NIR-II Photoacoustic-Imaging-Guided Therapy of Rheumatoid Arthritis. *Advanced Materials*, **2020**, 32, e2003399	24	40
114	Endoplasmic reticulum targeted AIE bioprobe as a highly efficient inducer of immunogenic cell death. *Science China Chemistry*, **2020**, 63, 1428-1434	7.9	38
113	J-aggregates of meso-[2.2]paracyclophanyl-BODIPY dye for NIR-II imaging. *Nature Communications*, **2021**, 12, 2376	17.4	37
112	Conjugated oligoelectrolyte-polyhedral oligomeric silsesquioxane loaded pH-responsive nanoparticles for targeted fluorescence imaging of cancer cell nucleus. *Chemical Communications*, **2011**, 47, 9837-9	5.8	36

111	Clearable Black Phosphorus Nanoconjugate for Targeted Cancer Phototheranostics. *ACS Applied Materials & Interfaces*, **2020**, 12, 18342-18351	9.5	34
110	Alleviating the Liver Toxicity of Chemotherapy via pH-Responsive Hepatoprotective Prodrug Micelles. *ACS Applied Materials & Interfaces*, **2018**, 10, 21836-21846	9.5	33
109	Photostable pH-Sensitive Near-Infrared Aggregation-Induced Emission Luminogen for Long-Term Mitochondrial Tracking. *ACS Applied Materials & Interfaces*, **2019**, 11, 13134-13139	9.5	31
108	Heat inactivation of serum interferes with the immunoanalysis of antibodies to SARS-CoV-2. *Journal of Clinical Laboratory Analysis*, **2020**, 34, e23411	3	30
107	Evoking Photothermy by Capturing Intramolecular Bond Stretching Vibration-Induced Dark-State Energy. *ACS Nano*, **2020**, 14, 4265-4275	16.7	28
106	Biocompatible organic dots with aggregation-induced emission for in vitro and in vivo fluorescence imaging. *Science China Chemistry*, **2013**, 56, 1228-1233	7.9	28
105	Organic/polymer photothermal nanoagents for photoacoustic imaging and photothermal therapy in vivo. *Science China Materials*, **2019**, 62, 1740-1758	7.1	27
104	Biocompatible fluorescent supramolecular nanofibrous hydrogel for long-term cell tracking and tumor imaging applications. *Scientific Reports*, **2015**, 5, 16680	4.9	27
103	Janus nanogels of PEGylated Taxol and PLGA-PEG-PLGA copolymer for cancer therapy. *Nanoscale*, **2013**, 5, 9902-7	7.7	27
102	A Systematic Strategy of Combinational Blow for Overcoming Cascade Drug Resistance via NIR-Light-Triggered Hyperthermia. *Advanced Materials*, **2021**, 33, e2100599	24	27
101	Controlled Fabrication of Functional Capsules Based on the Synergistic Interaction between Polyphenols and MOFs under Weak Basic Condition. *ACS Applied Materials & Interfaces*, **2017**, 9, 14258-14264	9.5	26
100	AIEgens Conjugation Improves the Photothermal Efficacy and Near-Infrared Imaging of Heptamethine Cyanine IR-780. *ACS Applied Materials & Interfaces*, **2020**, 12, 16114-16124	9.5	26
99	Enzyme-instructed self-assembly leads to the activation of optical properties for selective fluorescence detection and photodynamic ablation of cancer cells. *Journal of Materials Chemistry B*, **2018**, 6, 2566-2573	7.3	26
98	Aggregation-induced emission luminogen-assisted stimulated emission depletion nanoscopy for super-resolution mitochondrial visualization in live cells. *Nano Research*, **2018**, 11, 6023-6033	10	26
97	Composite Hydrogel Modified by IGF-1C Domain Improves Stem Cell Therapy for Limb Ischemia. *ACS Applied Materials & Interfaces*, **2018**, 10, 4481-4493	9.5	25
96	Hydrogen bonding boosted the persistent room temperature phosphorescence of pure organic compounds for multiple applications. *Journal of Materials Chemistry C*, **2019**, 7, 9095-9101	7.1	25
95	Zoledronic acid prevents the tumor-promoting effects of mesenchymal stem cells via MCP-1 dependent recruitment of macrophages. *Oncotarget*, **2015**, 6, 26018-28	3.3	25
94	Surface-Induced Hydrogelation for Fluorescence and Naked-Eye Detections of Enzyme Activity in Blood. *Analytical Chemistry*, **2016**, 88, 7318-23	7.8	24

93	Superior antitumor effect of extremely high drug loading self-assembled paclitaxel nanofibers. *International Journal of Pharmaceutics*, **2017**, 526, 217-224	6.5	23
92	Ratiometric co-delivery of multiple chemodrugs in a single nanocarrier. *European Journal of Pharmaceutical Sciences*, **2017**, 107, 16-23	5.1	23
91	Manipulating the intramolecular motion of AIEgens for boosted biomedical applications. *Science China Chemistry*, **2019**, 62, 929-932	7.9	22
90	In vivo cancer research using aggregation-induced emission organic nanoparticles. *Drug Discovery Today*, **2017**, 22, 1412-1420	8.8	21
89	Far-red/near-infrared fluorescence light-up probes for specific in vitro and in vivo imaging of a tumour-related protein. *Scientific Reports*, **2016**, 6, 23190	4.9	21
88	Guest-host doped strategy for constructing ultralong-lifetime near-infrared organic phosphorescence materials for bioimaging.. *Nature Communications*, **2022**, 13, 186	17.4	21
87	Construction and biofunctional evaluation of electrospun vascular graft loaded with selenocystamine for in situ catalytic generation of nitric oxide. *Materials Science and Engineering C*, **2014**, 45, 491-6	8.3	20
86	β-galactosidase responsive AIE fluorogene for identification and removal of senescent cancer cells. *Science China Chemistry*, **2020**, 63, 398-403	7.9	19
85	Facilitation of molecular motion to develop turn-on photoacoustic bioprobe for detecting nitric oxide in encephalitis. *Nature Communications*, **2021**, 12, 960	17.4	19
84	Simultaneously boosting the conjugation, brightness and solubility of organic fluorophores by using AIEgens. *Chemical Science*, **2020**, 11, 8438-8447	9.4	18
83	Supramolecular Self-Assembly-Facilitated Aggregation of Tumor-Specific Transmembrane Receptors for Signaling Activation and Converting Immunologically Cold to Hot Tumors. *Advanced Materials*, **2021**, 33, e2008518	24	18
82	Polymeric Nitric Oxide Delivery Nanoplatforms for Treating Cancer, Cardiovascular Diseases, and Infection. *Advanced Healthcare Materials*, **2021**, 10, e2001550	10.1	18
81	A Noncovalent Fluorescence Turn-on Strategy for Hypoxia Imaging. *Angewandte Chemie*, **2019**, 131, 2399-2403	3.6	17
80	9,9-Dimethylxanthene Derivatives with Room-Temperature Phosphorescence: Substituent Effects and Emissive Properties. *Angewandte Chemie*, **2020**, 132, 10032-10037	3.6	17
79	Nanospheres of doxorubicin as cross-linkers for a supramolecular hydrogelation. *Scientific Reports*, **2015**, 5, 8764	4.9	16
78	Reperfusion combined with intraarterial administration of resveratrol-loaded nanoparticles improved cerebral ischemia-reperfusion injury in rats. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2020**, 28, 102208	6	16
77	Enlarging the Reservoir: High Absorption Coefficient Dyes Enable Synergetic Near Infrared-II Fluorescence Imaging and Near Infrared-I Photothermal Therapy. *Advanced Functional Materials*, **2021**, 31, 2102213	15.6	16
76	Topology dictates function: controlled ROS production and mitochondria accumulation via curved carbon materials. *Journal of Materials Chemistry B*, **2017**, 5, 4918-4925	7.3	15

75	A fluorescence and photoactivity dual-activatable prodrug with self-synergistic magnification of the anticancer effect. *Materials Chemistry Frontiers*, **2019**, 3, 1349-1356	7.8	15
74	Ultrastable and colorful afterglow from organic luminophores in amorphous nanocomposites: advanced anti-counterfeiting and in vivo imaging application. *Nano Research*, **2020**, 13, 1035-1043	10	15
73	Seeing the fate and mechanism of stem cells in treatment of ionizing radiation-induced injury using highly near-infrared emissive AIE dots. *Biomaterials*, **2019**, 188, 107-117	15.6	15
72	Tunable Aggregation-Induced Emission of Tetraphenylethylene via Short Peptide-Directed Self-Assembly. *Advanced Materials Interfaces*, **2017**, 4, 1600183	4.6	14
71	Amplification of near-infrared fluorescence in semiconducting polymer nanoprobe for grasping the behaviors of systemically administered endothelial cells in ischemia treatment. *Biomaterials*, **2017**, 143, 109-119	15.6	14
70	Enzymatic induction of supramolecular order and bioactivity. *Nanoscale*, **2016**, 8, 10768-73	7.7	14
69	Boosting Room Temperature Phosphorescence Performance by Alkyl Modification for Intravital Orthotopic Lung Tumor Imaging. *Small*, **2021**, 17, e2005449	11	14
68	Novel "Carrier-Free" Nanofiber Codelivery Systems with the Synergistic Antitumor Effect of Paclitaxel and Tetrandrine through the Enhancement of Mitochondrial Apoptosis. *ACS Applied Materials & Interfaces*, **2020**, 12, 10096-10106	9.5	13
67	A peptide-based aggregation-induced emission bioprobe for selective detection and photodynamic killing of Gram-negative bacteria. *Biomaterials Science*, **2021**, 9, 437-442	7.4	13
66	Direct visualization and real-time monitoring of dissipative self-assembly by synchronously coupled aggregation-induced emission. *Materials Chemistry Frontiers*, **2017**, 1, 2651-2655	7.8	12
65	Polymerization-induced photothermy: A non-donor-acceptor approach to highly effective near-infrared photothermal conversion nanoparticles. *Biomaterials*, **2020**, 255, 120179	15.6	12
64	Amplification of Activated Near-Infrared Afterglow Luminescence by Introducing Twisted Molecular Geometry for Understanding Neutrophil-Involved Diseases.. *Journal of the American Chemical Society*, **2022**,	16.4	12
63	Sonosenzitized AIE dots with capacities of immunogenic cell death induction and multivalent blocking of PD-L1 for amplified anti-tumor immunotherapy. *CCS Chemistry*,1-33	7.2	12
62	Targeted Enrichment of Enzyme-Instructed Assemblies in Cancer Cell Lysosomes Turns Immunologically Cold Tumors Hot. *Angewandte Chemie - International Edition*, **2021**, 60, 26994	16.4	12
61	Calixarene-Based Supramolecular AIE Dots with Highly Inhibited Nonradiative Decay and Intersystem Crossing for Ultrasensitive Fluorescence Image-Guided Cancer Surgery. *Angewandte Chemie*, **2020**, 132, 10094-10098	3.6	11
60	Photoacoustic Imaging: Semiconducting Oligomer Nanoparticles as an Activatable Photoacoustic Probe with Amplified Brightness for In Vivo Imaging of pH (Adv. Mater. 19/2016). *Advanced Materials*, **2016**, 28, 3606	24	11
59	Nanostructure formation-induced fluorescence turn-on for selectively detecting protein thiols in solutions, bacteria and live cells. *Chemical Communications*, **2015**, 51, 10758-61	5.8	11
58	Pyrene-based water dispersible orange emitter for one- and two-photon fluorescence cellular imaging. *Polymer Chemistry*, **2012**, 3, 2464	4.9	11

57	Far-Red/Near-Infrared Emissive (1,3-Dimethyl)barbituric Acid-Based AIEgens for High-Contrast Detection of Metastatic Tumors in the Lung. *Chemistry - an Asian Journal*, **2019**, 14, 871-876	4.5	11
56	Dual Fluorescent- and Isotopic-Labelled Self-Assembling Vancomycin for in vivo Imaging of Bacterial Infections. *Angewandte Chemie*, **2017**, 129, 2396-2400	3.6	10
55	Reduction-triggered formation of EFK8 molecular hydrogel for 3D cell culture. *RSC Advances*, **2014**, 4, 30168	3.7	10
54	imaging/detection of MRSA bacterial infections in mice using fluorescence labelled polymeric nanoparticles carrying vancomycin as the targeting agent. *Journal of Biomaterials Science, Polymer Edition*, **2020**, 31, 293-309	3.5	10
53	Controlled ROS production by corannulene: the vehicle makes a difference. *Biomaterials Science*, **2017**, 5, 1236-1240	7.4	9
52	Advances in Prostate-Specific Membrane Antigen (PSMA)-Targeted Phototheranostics of Prostate Cancer. *Small Structures*,2200036	8.7	9
51	When Molecular Probes Meet Self-Assembly: An Enhanced Quenching Effect. *Angewandte Chemie*, **2015**, 127, 4905-4909	3.6	8
50	Enabling AIEgens close assembly in tumor-overexpressed protein cluster for boosted image-guided cancer surgery. *Science China Chemistry*, **2020**, 63, 1694-1702	7.9	7
49	Building-block crosslinking micelles for enhancing cellular transfection of biocompatible polycations. *Science China Materials*, **2021**, 64, 241-251	7.1	7
48	Boosting Photoacoustic Effect via Intramolecular Motions Amplifying Thermal-to-Acoustic Conversion Efficiency for Adaptive Image-Guided Cancer Surgery. *Angewandte Chemie - International Edition*, **2021**, 60, 21047-21055	16.4	7
47	Aggregation-induced emission luminogens for image-guided surgery in non-human primates. *Nature Communications*, **2021**, 12, 6485	17.4	6
46	Cancer Immunotherapy: Massively Evoking Immunogenic Cell Death by Focused Mitochondrial Oxidative Stress using an AIE Luminogen with a Twisted Molecular Structure (Adv. Mater. 52/2019). *Advanced Materials*, **2019**, 31, 1970372	24	6
45	Sensitive and specific detection of peroxynitrite and in vivo imaging of inflammation by a simple AIE bioprobe. *Materials Chemistry Frontiers*, **2021**, 5, 1830-1835	7.8	6
44	A specific environment-sensitive near-infrared fluorescent turn-on probe for synergistic enhancement of anticancer activity of a chemo-drug. *Biomaterials Science*, **2017**, 5, 1622-1628	7.4	5
43	Fluorescence Imaging: Bright Far-Red/Near-Infrared Conjugated Polymer Nanoparticles for In Vivo Bioimaging (Small 18/2013). *Small*, **2013**, 9, 3092-3092	11	5
42	Strategies in boosting photosensitization for biomedical applications. *Science China Chemistry*, **2022**, 65, 647	7.9	5
41	Highly Bright AIE Nanoparticles by Regulating the Substituent of Rhodanine for Precise Early Detection of Atherosclerosis and Drug Screening.. *Advanced Materials*, **2021**, e2106994	24	5
40	Large extended donor-acceptor polymers for highly efficient in vivo near-infrared photoacoustic imaging and photothermal tumor therapy. *Science China Chemistry*, **2021**, 64, 2180	7.9	5

39	Aggregation-induced emission (AIE)-guided dynamic assembly for disease imaging and therapy. *Advanced Drug Delivery Reviews*, **2021**, 179, 114028	18.5	5
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