

Guangxue Feng

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

6,044
citations

47
h-index

77
g-index

91
ext. papers

7,021
ext. citations

10.7
avg, IF

6.32
L-index

#	Paper	IF	Citations
84	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 , e2200743 ¹¹	13.6	4
83	Smart Tetraphenylethene-Based Luminescent Metal-Organic Frameworks with Amide-Assisted Thermofluorochromics and Piezofluorochromics.. <i>Advanced Science</i> , 2022 , e2200850	13.6	3
82	Cationization to boost both type I and type II ROS generation for photodynamic therapy. <i>Biomaterials</i> , 2021 , 280, 121255	15.6	6
81	Boosting Photothermal Theranostics via TICT and Molecular Motions for Photohyperthermia Therapy of Muscle-Invasive Bladder Cancer. <i>Advanced Healthcare Materials</i> , 2021 , e2101063	10.1	3
80	Recent advances of AIE light-up probes for photodynamic therapy. <i>Chemical Science</i> , 2021 , 12, 6488-6506	9.4	58
79	Modulating Cell Specificity and Subcellular Localization by Molecular Charges and Lipophilicity. <i>Chemistry of Materials</i> , 2020 , 32, 10383-10393	9.6	5
78	Fast and High-Throughput Evaluation of Photodynamic Effect by Monitoring Specific Protein Oxidation with MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 12176-12184	7.8	
77	Design of superior phototheranostic agents guided by Jablonski diagrams. <i>Chemical Society Reviews</i> , 2020 , 49, 8179-8234	58.5	145
76	NIR-II Excitable Conjugated Polymer Dots with Bright NIR-I Emission for Deep In Vivo Two-Photon Brain Imaging Through Intact Skull. <i>Advanced Functional Materials</i> , 2019 , 29, 1808365	15.6	56
75	Bioimaging: NIR-II Excitable Conjugated Polymer Dots with Bright NIR-I Emission for Deep In Vivo Two-Photon Brain Imaging Through Intact Skull (Adv. Funct. Mater. 15/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970095	15.6	2
74	Visualize Embryogenesis and Cell Fate Using Fluorescent Probes with Aggregation-Induced Emission. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3737-3744	9.5	9
73	Polymeric nanorods with aggregation-induced emission characteristics for enhanced cancer targeting and imaging. <i>Nanoscale</i> , 2018 , 10, 5869-5874	7.7	27
72	Organic nanoparticles with ultrahigh quantum yield and aggregation-induced emission characteristics for cellular imaging and real-time two-photon lung vasculature imaging. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2630-2636	7.3	16
71	Artemisinin and AIEgen Conjugate for Mitochondria-Targeted and Image-Guided Chemo- and Photodynamic Cancer Cell Ablation. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 11546-11553	9.5	66
70	Dual modal ultra-bright nanodots with aggregation-induced emission and gadolinium-chelation for vascular integrity and leakage detection. <i>Biomaterials</i> , 2018 , 152, 77-85	15.6	27
69	Aggregation-Induced Emission (AIE) Dots: Emerging Theranostic Nanolights. <i>Accounts of Chemical Research</i> , 2018 , 51, 1404-1414	24.3	358
68	Aggregation-Induced Emission Probe for Specific Turn-On Quantification of Soluble Transferrin Receptor: An Important Disease Marker for Iron Deficiency Anemia and Kidney Diseases. <i>Analytical Chemistry</i> , 2018 , 90, 1154-1160	7.8	33

67	Organic Mitoprobes based on Fluorogens with Aggregation-Induced Emission. <i>Israel Journal of Chemistry</i> , 2018 , 58, 860-873	3.4	9
66	Polymer Nanoparticles: Multifunctional Conjugated Polymer Nanoparticles for Image-Guided Photodynamic and Photothermal Therapy (Small 3/2017). <i>Small</i> , 2017 , 13,	11	2
65	Zinc(II)-Tetradentate-Coordinated Probe with Aggregation-Induced Emission Characteristics for Selective Imaging and Photoinactivation of Bacteria. <i>ACS Omega</i> , 2017 , 2, 546-553	3.9	31
64	Functionality and versatility of aggregation-induced emission luminogens. <i>Applied Physics Reviews</i> , 2017 , 4, 021307	17.3	118
63	Precise Two-Photon Photodynamic Therapy using an Efficient Photosensitizer with Aggregation-Induced Emission Characteristics. <i>Advanced Materials</i> , 2017 , 29, 1701076	24	204
62	Ultrasmall Conjugated Polymer Nanoparticles with High Specificity for Targeted Cancer Cell Imaging. <i>Advanced Science</i> , 2017 , 4, 1600407	13.6	30
61	A two-channel responsive fluorescent probe with AIE characteristics and its application for selective imaging of superoxide anions in living cells. <i>Chemical Communications</i> , 2017 , 53, 1653-1656	5.8	86
60	Antibacterial Narrow-Band-Gap Conjugated Oligoelectrolytes with High Photothermal Conversion Efficiency. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16063-16066	16.4	63
59	Antibacterial Narrow-Band-Gap Conjugated Oligoelectrolytes with High Photothermal Conversion Efficiency. <i>Angewandte Chemie</i> , 2017 , 129, 16279-16282	3.6	8
58	Highly efficient photosensitizers with aggregation-induced emission characteristics obtained through precise molecular design. <i>Chemical Communications</i> , 2017 , 53, 8727-8730	5.8	65
57	Multifunctional Conjugated Polymer Nanoparticles for Image-Guided Photodynamic and Photothermal Therapy. <i>Small</i> , 2017 , 13, 1602807	11	122
56	Real-time naked-eye multiplex detection of toxins and bacteria using AIEgens with the assistance of graphene oxide. <i>Faraday Discussions</i> , 2017 , 196, 363-375	3.6	11
55	AIEgen based light-up probes for live cell imaging. <i>Science China Chemistry</i> , 2016 , 59, 53-61	7.9	43
54	Specific Light-Up Probe with Aggregation-Induced Emission for Facile Detection of Chymase. <i>Analytical Chemistry</i> , 2016 , 88, 9111-7	7.8	32
53	Structure-Dependent cis/trans Isomerization of Tetraphenylethene Derivatives: Consequences for Aggregation-Induced Emission. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6192-6	16.4	64
52	Decoration of porphyrin with tetraphenylethene: converting a fluorophore with aggregation-caused quenching to aggregation-induced emission enhancement. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4690-4695	7.3	51
51	Multifunctional organic nanoparticles with aggregation-induced emission (AIE) characteristics for targeted photodynamic therapy and RNA interference therapy. <i>Chemical Communications</i> , 2016 , 52, 2752-5	5.8	76
50	A Photostable Far-Red/Near-Infrared Conjugated Polymer Photosensitizer with Aggregation-Induced Emission for Image-Guided Cancer Cell Ablation. <i>Macromolecules</i> , 2016 , 49, 5017-5025	5.5	75

49	Structure-Dependent cis/trans Isomerization of Tetraphenylethene Derivatives: Consequences for Aggregation-Induced Emission. <i>Angewandte Chemie</i> , 2016 , 128, 6300-6304	3.6	16
48	Silole-Based Red Fluorescent Organic Dots for Bright Two-Photon Fluorescence In vitro Cell and In vivo Blood Vessel Imaging. <i>Small</i> , 2016 , 12, 782-92	11	66
47	Real-Time Specific Light-Up Sensing of Transferrin Receptor: Image-Guided Photodynamic Ablation of Cancer Cells through Controlled Cytomembrane Disintegration. <i>Analytical Chemistry</i> , 2016 , 88, 4841-8	7.8	45
46	Multifunctional AIEgens for Future Theranostics. <i>Small</i> , 2016 , 12, 6528-6535	11	107
45	A Porphyrin-Based Conjugated Polymer for Highly Efficient In Vitro and In Vivo Photothermal Therapy. <i>Small</i> , 2016 , 12, 6243-6254	11	102
44	Mechanism-Guided Design and Synthesis of a Mitochondria-Targeting Artemisinin Analogue with Enhanced Anticancer Activity. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13770-13774	16.4	72
43	Mechanism-Guided Design and Synthesis of a Mitochondria-Targeting Artemisinin Analogue with Enhanced Anticancer Activity. <i>Angewandte Chemie</i> , 2016 , 128, 13974-13978	3.6	10
42	Biocompatible Red Fluorescent Organic Nanoparticles with Tunable Size and Aggregation-Induced Emission for Evaluation of Blood-Brain Barrier Damage. <i>Advanced Materials</i> , 2016 , 28, 8760-8765	24	66
41	Far Red/Near-Infrared AIE Dots for Image-Guided Photodynamic Cancer Cell Ablation. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 21193-200	9.5	83
40	Organometallic Conjugated Polyelectrolytes: Synthesis and Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 27-36	3.2	2
39	Image-guided combination chemotherapy and photodynamic therapy using a mitochondria-targeted molecular probe with aggregation-induced emission characteristics. <i>Chemical Science</i> , 2015 , 6, 4580-4586	9.4	155
38	Narrow band gap conjugated polyelectrolytes for photothermal killing of bacteria. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 7340-7346	7.3	36
37	Biocompatible Green and Red Fluorescent Organic Dots with Remarkably Large Two-Photon Action Cross Sections for Targeted Cellular Imaging and Real-Time Intravital Blood Vascular Visualization. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 14965-74	9.5	77
36	A light-up probe with aggregation-induced emission characteristics (AIE) for selective imaging, naked-eye detection and photodynamic killing of Gram-positive bacteria. <i>Chemical Communications</i> , 2015 , 51, 12490-3	5.8	148
35	Effect of AIE substituents on the fluorescence of tetraphenylethene-containing BODIPY derivatives. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15168-76	9.5	71
34	Photodynamic Therapy: A Multifunctional Probe with Aggregation-Induced Emission Characteristics for Selective Fluorescence Imaging and Photodynamic Killing of Bacteria Over Mammalian Cells (Adv. Healthcare Mater. 5/2015). <i>Advanced Healthcare Materials</i> , 2015 , 4, 636-636	10.1	1
33	Biocompatible Nanoparticles Based on Diketo-Pyrrolo-Pyrrole (DPP) with Aggregation-Induced Red/NIR Emission for In Vivo Two-Photon Fluorescence Imaging. <i>Advanced Functional Materials</i> , 2015 , 25, 2857-2866	15.6	194
32	A fluorescent light-up probe based on AIE and ESIPT processes for β -galactosidase activity detection and visualization in living cells. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 9168-9172	7.3	93

31	A multifunctional probe with aggregation-induced emission characteristics for selective fluorescence imaging and photodynamic killing of bacteria over mammalian cells. <i>Advanced Healthcare Materials</i> , 2015 , 4, 659-63	10.1	76
30	Conjugated polymer microparticles for selective cancer cell image-guided photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 1135-1141	7.3	22
29	A fluorescent light-up nanoparticle probe with aggregation-induced emission characteristics and tumor-acidity responsiveness for targeted imaging and selective suppression of cancer cells. <i>Materials Horizons</i> , 2015 , 2, 100-105	14.4	60
28	Flexible Asymmetric Supercapacitor Based on Structure-Optimized Mn3O4/Reduced Graphene Oxide Nanohybrid Paper with High Energy and Power Density. <i>Advanced Functional Materials</i> , 2015 , 25, 7291-7299	15.6	137
27	Cellular and Mitochondrial Dual-Targeted Organic Dots with Aggregation-Induced Emission Characteristics for Image-Guided Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2015 , 4, 2667-76	10.1	64
26	A cell apoptosis probe based on fluorogen with aggregation induced emission characteristics. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4875-82	9.5	57
25	Two-dimensional metal-organic framework with wide channels and responsive turn-on fluorescence for the chemical sensing of volatile organic compounds. <i>Journal of the American Chemical Society</i> , 2014 , 136, 7241-4	16.4	527
24	Rational design of fluorescent light-up probes based on an AIE luminogen for targeted intracellular thiol imaging. <i>Chemical Communications</i> , 2014 , 50, 295-7	5.8	89
23	Mitochondria-targeted cancer therapy using a light-up probe with aggregation-induced-emission characteristics. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 14225-9	16.4	303
22	Light-up bioprobe with aggregation-induced emission characteristics for real-time apoptosis imaging in target cancer cells. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 231-238	7.3	59
21	Targeted and image-guided photodynamic cancer therapy based on organic nanoparticles with aggregation-induced emission characteristics. <i>Chemical Communications</i> , 2014 , 50, 8757-60	5.8	168
20	A fluorescent light-up probe with AIE characteristics for specific mitochondrial imaging to identify differentiating brown adipose cells. <i>Chemical Communications</i> , 2014 , 50, 8312-5	5.8	94
19	Reversible photoswitching conjugated polymer nanoparticles for cell and ex vivo tumor imaging. <i>Nanoscale</i> , 2014 , 6, 4141-7	7.7	48
18	Cell imaging using red fluorescent light-up probes based on an environment-sensitive fluorogen with intramolecular charge transfer characteristics. <i>Chemical Communications</i> , 2014 , 50, 9497-500	5.8	17
17	Fluorogen-peptide conjugates with tunable aggregation-induced emission characteristics for bioprobe design. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 14302-10	9.5	39
16	Ultrabright organic dots with aggregation-induced emission characteristics for cell tracking. <i>Biomaterials</i> , 2014 , 35, 8669-77	15.6	84
15	A fluorescent light-up probe with "AIE + ESIPT" characteristics for specific detection of lysosomal esterase. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3438-3442	7.3	156
14	Bright single-chain conjugated polymer dots embedded nanoparticles for long-term cell tracing and imaging. <i>Small</i> , 2014 , 10, 1212-9	11	47

13	Mitochondria-Targeted Cancer Therapy Using a Light-Up Probe with Aggregation-Induced-Emission Characteristics. <i>Angewandte Chemie</i> , 2014 , 126, 14449-14453	3.6	39
12	Bright quantum-dot-sized single-chain conjugated polyelectrolyte nanoparticles: synthesis, characterization and application for specific extracellular labeling and imaging. <i>Small</i> , 2014 , 10, 3110-8	11	21
11	Bright and Photostable Organic Fluorescent Dots with Aggregation-Induced Emission Characteristics for Noninvasive Long-Term Cell Imaging. <i>Advanced Functional Materials</i> , 2014 , 24, 635-643	15.6	195
10	Ultrabright organic dots with aggregation-induced emission characteristics for real-time two-photon intravital vasculature imaging. <i>Advanced Materials</i> , 2013 , 25, 6083-8	24	218
9	Hyperbranched conjugated polyelectrolytes for biological sensing and imaging. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 705-15	4.8	28
8	Bright far-red/near-infrared fluorescent conjugated polymer nanoparticles for targeted imaging of HER2-positive cancer cells. <i>Polymer Chemistry</i> , 2013 , 4, 4326	4.9	48
7	Bright far-red/near-infrared conjugated polymer nanoparticles for in vivo bioimaging. <i>Small</i> , 2013 , 9, 3093-102	11	95
6	A facile strategy toward conjugated polyelectrolyte with oligopeptide as pendants for biological applications. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 4511-5	9.5	13
5	Fluorescence Imaging: Bright Far-Red/Near-Infrared Conjugated Polymer Nanoparticles for In Vivo Bioimaging (Small 18/2013). <i>Small</i> , 2013 , 9, 3092-3092	11	5
4	Fluorescence bioimaging with conjugated polyelectrolytes. <i>Nanoscale</i> , 2012 , 4, 6150-65	7.7	67
3	Highly sensitive light-up near-infrared fluorescent probe for detection and imaging of β -glucuronidase in human serum, living cells and tumor-bearing mice. <i>Science China Materials</i> , 1	7.1	0
2	Smart Metal-Organic Frameworks with Reversible Luminescence/Magnetic Switch Behavior for HCl Vapor Detection. <i>Advanced Functional Materials</i> , 2106925	15.6	6
1	Size Optimization of Organic Nanoparticles with Aggregation-Induced Emission Characteristics for Improved ROS Generation and Photodynamic Cancer Cell Ablation. <i>Small</i> , 2202242	11	1