

Quli Fan

List of Publications by Year in descending order

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379
papers

18,802
citations

10351

72
h-index

19136

118
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381
all docs

381
docs citations

381
times ranked

18850
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Step Electrochemical Synthesis of Graphene/Polyaniline Composite Film and Its Applications. <i>Advanced Functional Materials</i> , 2011, 21, 2989-2996.	7.8	487
2	A high quantum yield molecule-protein complex fluorophore for near-infrared II imaging. <i>Nature Communications</i> , 2017, 8, 15269.	5.8	458
3	Preparation of MoS ₂ -Polyvinylpyrrolidone Nanocomposites for Flexible Nonvolatile Rewritable Memory Devices with Reduced Graphene Oxide Electrodes. <i>Small</i> , 2012, 8, 3517-3522.	5.2	393
4	Transferring Biomarker into Molecular Probe: Melanin Nanoparticle as a Naturally Active Platform for Multimodality Imaging. <i>Journal of the American Chemical Society</i> , 2014, 136, 15185-15194.	6.6	338
5	Amphiphilic Graphene Composites. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9426-9429.	7.2	325
6	Highly conductive three-dimensional MnO ₂ -carbon nanotube-graphene-Ni hybrid foam as a binder-free supercapacitor electrode. <i>Nanoscale</i> , 2014, 6, 1079-1085.	2.8	325
7	Lanthanide-Doped Na _x ScF ₃ Nanocrystals: Crystal Structure Evolution and Multicolor Tuning. <i>Journal of the American Chemical Society</i> , 2012, 134, 8340-8343.	6.6	315
8	Recent Developments in Top-Emitting Organic Light-Emitting Diodes. <i>Advanced Materials</i> , 2010, 22, 5227-5239.	11.1	298
9	Polyfluorene-based semiconductors combined with various periodic table elements for organic electronics. <i>Progress in Polymer Science</i> , 2012, 37, 1192-1264.	11.8	280
10	All-in-One Phototheranostics: Single Laser Triggers NIR-Fluorescence/Photoacoustic Imaging Guided Photothermal/Photodynamic/Chemo Combination Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1901480.	7.8	278
11	Bioapplications of small molecule Aza-BODIPY: from rational structural design to <i>in vivo</i> investigations. <i>Chemical Society Reviews</i> , 2020, 49, 7533-7567.	18.7	255
12	Self-Assembly of Reduced Graphene Oxide into Three-Dimensional Architecture by Divalent Ion Linkage. <i>Journal of Physical Chemistry C</i> , 2010, 114, 22462-22465.	1.5	225
13	Perylene-Diimide-Based Nanoparticles as Highly Efficient Photoacoustic Agents for Deep Brain Tumor Imaging in Living Mice. <i>Advanced Materials</i> , 2015, 27, 843-847.	11.1	222
14	Bulk Heterojunction Polymer Memory Devices with Reduced Graphene Oxide as Electrodes. <i>ACS Nano</i> , 2010, 4, 3987-3992.	7.3	215
15	Degradable Semiconducting Oligomer Amphiphile for Ratiometric Photoacoustic Imaging of Hypochlorite. <i>ACS Nano</i> , 2017, 11, 4174-4182.	7.3	202
16	Renal-Clearable Molecular Semiconductor for Second Near-Infrared Fluorescence Imaging of Kidney Dysfunction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15120-15127.	7.2	202
17	Thermally activated triplet exciton release for highly efficient tri-mode organic afterglow. <i>Nature Communications</i> , 2020, 11, 842.	5.8	194
18	Polyrotaxane-based supramolecular theranostics. <i>Nature Communications</i> , 2018, 9, 766.	5.8	191

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19	Microwave-Assisted Growth and Characterization of Water-Dispersed CdTe/CdS Core-Shell Nanocrystals with High Photoluminescence. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13370-13374.	1.2	183
20	Microwave-Assisted Synthesis of Water-Dispersed CdTe Nanocrystals with High Luminescent Efficiency and Narrow Size Distribution. <i>Chemistry of Materials</i> , 2007, 19, 359-365.	3.2	181
21	Upconversion NIR-II fluorophores for mitochondria-targeted cancer imaging and photothermal therapy. <i>Nature Communications</i> , 2020, 11, 6183.	5.8	176
22	Organic Semiconducting Photoacoustic Nanodroplets for Laser-Activatable Ultrasound Imaging and Combinational Cancer Therapy. <i>ACS Nano</i> , 2018, 12, 2610-2622.	7.3	174
23	Diketopyrrolopyrrole-based semiconducting polymer nanoparticles for <i>in vivo</i> second near-infrared window imaging and image-guided tumor surgery. <i>Chemical Science</i> , 2018, 9, 3105-3110.	3.7	173
24	Three-Dimensional Nitrogen-Doped Carbon Nanotubes/Graphene Structure Used as a Metal-Free Electrocatalyst for the Oxygen Reduction Reaction. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24592-24597.	1.5	167
25	Engineering Melanin Nanoparticles as an Efficient Drug-Delivery System for Imaging-Guided Chemotherapy. <i>Advanced Materials</i> , 2015, 27, 5063-5069.	11.1	166
26	Dual Lock-and-Key-Controlled Nanoprobes for Ultrahigh Specific Fluorescence Imaging in the Second Near-Infrared Window. <i>Advanced Materials</i> , 2018, 30, e1801140.	11.1	166
27	Activatable Semiconducting Theranostics: Simultaneous Generation and Ratiometric Photoacoustic Imaging of Reactive Oxygen Species In Vivo. <i>Advanced Materials</i> , 2018, 30, e1707509.	11.1	165
28	Impact of Semiconducting Perylene Diimide Nanoparticle Size on Lymph Node Mapping and Cancer Imaging. <i>ACS Nano</i> , 2017, 11, 4247-4255.	7.3	157
29	Monodisperse Six-Armed Triazatruxenes: Microwave-Enhanced Synthesis and Highly Efficient Pure-Deep-Blue Electroluminescence. <i>Macromolecules</i> , 2006, 39, 3707-3709.	2.2	155
30	Unexpected One-Pot Method to Synthesize Spiro[fluorene-9,9'-xanthene] Building Blocks for Blue-Light-Emitting Materials. <i>Organic Letters</i> , 2006, 8, 2787-2790.	2.4	153
31	Fluorene-substituted pyrenes: Novel pyrene derivatives as emitters in nondoped blue OLEDs. <i>Organic Electronics</i> , 2006, 7, 155-162.	1.4	148
32	The synthesis of shape-controlled MnO ₂ /graphene composites via a facile one-step hydrothermal method and their application in supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12818.	5.2	148
33	Solvent-free atom transfer radical polymerization for the preparation of poly(poly(ethyleneglycol)) Tj ETQq1 1 0.784314 rgBT /Overlook Biomaterials, 2007, 28, 5426-5436.	5.7	146
34	Multifunctional Thermosensitive Liposomes Based on Natural Phase-Change Material: Near-Infrared Light-Triggered Drug Release and Multimodal Imaging-Guided Cancer Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10540-10553.	4.0	146
35	Phototheranostic Metal-Phenolic Networks with Antioxosomal PD-L1 Enhanced Ferroptosis for Synergistic Immunotherapy. <i>Journal of the American Chemical Society</i> , 2022, 144, 787-797.	6.6	142
36	Invoking ultralong room temperature phosphorescence of purely organic compounds through H-aggregation engineering. <i>Materials Horizons</i> , 2019, 6, 1259-1264.	6.4	131

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37	İE-Conjugated Chelating Polymers with Charged Iridium Complexes in the Backbones: Synthesis, Characterization, Energy Transfer, and Electrochemical Properties. <i>Chemistry - A European Journal</i> , 2006, 12, 4351-4361.	1.7	128
38	Semiconducting polymer nanotheranostics for NIR-II/Photoacoustic imaging-guided photothermal initiated nitric oxide/photothermal therapy. <i>Biomaterials</i> , 2019, 217, 119304.	5.7	128
39	J-Aggregate squaraine nanoparticles with bright NIR-II fluorescence for imaging guided photothermal therapy. <i>Chemical Communications</i> , 2018, 54, 13395-13398.	2.2	123
40	Engineering Lysosome-Targeting BODIPY Nanoparticles for Photoacoustic Imaging and Photodynamic Therapy under Near-Infrared Light. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12039-12047.	4.0	121
41	Bioorthogonal-targeted 1064Ånm excitation theranostic nanoplatform for precise NIR-IIa fluorescence imaging guided efficient NIR-II photothermal therapy. <i>Biomaterials</i> , 2020, 243, 119934.	5.7	119
42	Synthesis of CdTe Nanocrystals through Program Process of Microwave Irradiation. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13352-13356.	1.2	118
43	FlashMemory Effect for Polyfluorenes with OnChain Iridium(III) Complexes. <i>Advanced Functional Materials</i> , 2011, 21, 979-985.	7.8	113
44	Novel aza-BODIPY based small molecular NIR-II fluorophores for <i>in vivo</i> imaging. <i>Chemical Communications</i> , 2019, 55, 10920-10923.	2.2	113
45	Deciphering the intersystem crossing in near-infrared BODIPY photosensitizers for highly efficient photodynamic therapy. <i>Chemical Science</i> , 2019, 10, 3096-3102.	3.7	113
46	Recent Advances on Activatable NIR-II Fluorescence Probes for Biomedical Imaging. <i>Advanced Optical Materials</i> , 2019, 7, 1900917.	3.6	111
47	Biocompatible small organic molecule phototheranostics for NIR-II fluorescence/photoacoustic imaging and simultaneous photodynamic/photothermal combination therapy. <i>Materials Chemistry Frontiers</i> , 2019, 3, 650-655.	3.2	109
48	Water-Soluble Cationic Poly(p-phenyleneethynylene)s (PPEs): Effects of Acidity and Ionic Strength on Optical Behavior. <i>Macromolecules</i> , 2005, 38, 2927-2936.	2.2	108
49	A Photoacoustic Probe for the Imaging of Tumor Apoptosis by Caspase-Mediated Macrocyclization and Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4886-4890.	7.2	108
50	Highly Water-Stable Lanthanide-Oxalate MOFs with Remarkable Proton Conductivity and Tunable Luminescence. <i>Advanced Materials</i> , 2017, 29, 1701804.	11.1	106
51	Hyperbranched Oxadiazole-Containing Polyfluorenes: Toward Stable Blue Light PLEDs. <i>Macromolecules</i> , 2005, 38, 6755-6758.	2.2	104
52	Gadolinium-Chelated Conjugated Polymer-Based Nanotheranostics for Photoacoustic/Magnetic Resonance/NIR-II Fluorescence Imaging-Guided Cancer Photothermal Therapy. <i>Theranostics</i> , 2019, 9, 4168-4181.	4.6	103
53	A General Strategy for the Facile Synthesis of 2,7-Dibromo-9-heterofluorenes. <i>Organic Letters</i> , 2006, 8, 203-205.	2.4	100
54	Single-Molecule Analysis of MicroRNA and Logic Operations Using a Smart Plasmonic Nanobiosensor. <i>Journal of the American Chemical Society</i> , 2018, 140, 3988-3993.	6.6	97

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55	Efficient 9-alkylphenyl-9-pyrenylfluorene substituted pyrene derivatives with improved hole injection for blue light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2006, 16, 4074.	6.7	95
56	Organic Semiconducting Nanoparticles as Efficient Photoacoustic Agents for Lightening Early Thrombus and Monitoring Thrombolysis in Living Mice. <i>ACS Nano</i> , 2017, 11, 3298-3310.	7.3	94
57	Photoinduced Charge-Variable Conjugated Polyelectrolyte Brushes Encapsulating Upconversion Nanoparticles for Promoted siRNA Release and Collaborative Photodynamic Therapy under NIR Light Irradiation. <i>Advanced Functional Materials</i> , 2017, 27, 1702592.	7.8	91
58	A Single Composition Architecture-Based Nanoprobe for Ratiometric Photoacoustic Imaging of Glutathione (GSH) in Living Mice. <i>Small</i> , 2018, 14, e1703400.	5.2	89
59	High performance one-for-all phototheranostics: NIR-II fluorescence imaging guided mitochondria-targeting phototherapy with a single-dose injection and 808Ånm laser irradiation. <i>Biomaterials</i> , 2020, 231, 119671.	5.7	87
60	Engineering a Hydrogen Sulfide-Based Nanomodulator to Normalize Hyperactive Photothermal Immunogenicity for Combination Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2008481.	11.1	87
61	Facile Synthesis of Complicated 9,9-Diarylfluorenes Based on BF ₃ ·Et ₂ O-Mediated Friedel-Crafts Reaction. <i>Organic Letters</i> , 2006, 8, 3701-3704.	2.4	86
62	Manipulating Nonradiative Decay Channel by Intermolecular Charge Transfer for Exceptionally Improved Photothermal Conversion. <i>ACS Nano</i> , 2019, 13, 12006-12014.	7.3	84
63	Organic Semiconducting Macromolecular Dyes for NIR-II Photoacoustic Imaging and Photothermal Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2104650.	7.8	84
64	DNA biosensors based on water-soluble conjugated polymers. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2154-2164.	5.3	82
65	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. <i>Advanced Functional Materials</i> , 2017, 27, 1700493.	7.8	82
66	Kinetically Controlled Assembly of a Spirocyclic Aromatic Hydrocarbon into Polyhedral Micro/Nanocrystals. <i>ACS Nano</i> , 2012, 6, 5309-5319.	7.3	80
67	A new colorimetric and fluorescent ratiometric sensor for Hg ²⁺ based on 4-pyren-1-yl-pyrimidine. <i>Tetrahedron</i> , 2012, 68, 3129-3134.	1.0	80
68	Synthesis, Structure, and Optoelectronic Properties of Phosphafluorene Copolymers. <i>Organic Letters</i> , 2008, 10, 2913-2916.	2.4	79
69	Self-Assembly of Semiconducting-Plasmonic Gold Nanoparticles with Enhanced Optical Property for Photoacoustic Imaging and Photothermal Therapy. <i>Theranostics</i> , 2017, 7, 2177-2185.	4.6	79
70	Multifunctional supramolecular vesicles for combined photothermal/photodynamic/hypoxia-activated chemotherapy. <i>Chemical Communications</i> , 2018, 54, 10328-10331.	2.2	78
71	Synthesis, Characterization, and Fluorescence Quenching of Novel Cationic Phenyl-Substituted Poly(p-phenylenevinylene)s. <i>Macromolecules</i> , 2003, 36, 6976-6984.	2.2	77
72	Synthesis of Conjugated Ionic Block Copolymers by Controlled Radical Polymerization. <i>Macromolecules</i> , 2003, 36, 304-310.	2.2	76

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73	Bio-erasable Intermolecular Donor-Acceptor Interaction of Organic Semiconducting Nanoprobes for Activatable NIR-II Fluorescence Imaging. <i>Advanced Functional Materials</i> , 2019, 29, 1807376.	7.8	76
74	1300 nm absorption two-acceptor semiconducting polymer nanoparticles for NIR-II photoacoustic imaging system guided NIR-II photothermal therapy. <i>Chemical Communications</i> , 2019, 55, 9487-9490.	2.2	74
75	The production of carbon microtubes by the carbonization of catkins and their use in the oxygen reduction reaction. <i>Carbon</i> , 2011, 49, 5292-5297.	5.4	73
76	Endogenous oxygen generating multifunctional theranostic nanoplatform for enhanced photodynamic-photothermal therapy and multimodal imaging. <i>Theranostics</i> , 2019, 9, 7697-7713.	4.6	73
77	Amphiphilic Semiconducting Oligomer for Near-Infrared Photoacoustic and Fluorescence Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12332-12339.	4.0	72
78	Stimuli-Responsive Reversible Switching of Intersystem Crossing in Pure Organic Material for Smart Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11105-11111.	7.2	72
79	Near-infrared small molecule coupled with rigidness and flexibility for high-performance multimodal imaging-guided photodynamic and photothermal synergistic therapy. <i>Nanoscale Horizons</i> , 2021, 6, 177-185.	4.1	71
80	Synthesis and properties of polyurethane modified with aminoethylaminopropyl poly(dimethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	1.3	70
81	Dragon fruit-like biocage as an iron trapping nanoplatform for high efficiency targeted cancer multimodality imaging. <i>Biomaterials</i> , 2015, 69, 30-37.	5.7	70
82	A Novel Multimodal NIR-II Nanoprobe for the Detection of Metastatic Lymph Nodes and Targeting Chemo-Photothermal Therapy in Oral Squamous Cell Carcinoma. <i>Theranostics</i> , 2019, 9, 391-404.	4.6	70
83	Light programmable/erasable organic field-effect transistor ambipolar memory devices based on the pentacene/PVK active layer. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5220-5225.	2.7	69
84	A highly water-soluble triblock conjugated polymer for <i>in vivo</i> NIR-II imaging and photothermal therapy of cancer. <i>Polymer Chemistry</i> , 2018, 9, 3118-3126.	1.9	69
85	Double-acceptor conjugated polymers for NIR-II fluorescence imaging and NIR-II photothermal therapy applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1002-1008.	2.9	66
86	Generation of hydroxyl radical-activatable ratiometric near-infrared bimodal probes for early monitoring of tumor response to therapy. <i>Nature Communications</i> , 2021, 12, 6145.	5.8	66
87	Generating New Cross-Relaxation Pathways by Coating Prussian Blue on NaNdF_{4} To Fabricate Enhanced Photothermal Agents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8536-8540.	7.2	64
88	Tumor Microenvironment-Responsive Fe(III)-Porphyrin Nanotheranostics for Tumor Imaging and Targeted Chemodynamic-Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53634-53645.	4.0	64
89	NIR-II fluorescence imaging guided tumor-specific NIR-II photothermal therapy enhanced by starvation mediated thermal sensitization strategy. <i>Biomaterials</i> , 2021, 275, 120935.	5.7	63
90	Cationic Conjugated Polymer/Hyaluronan-Doxorubicin Complex for Sensitive Fluorescence Detection of Hyaluronidase and Tumor-Targeting Drug Delivery and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21529-21537.	4.0	62

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91	Nitric oxide activatable photosensitizer accompanying extremely elevated two-photon absorption for efficient fluorescence imaging and photodynamic therapy. <i>Chemical Science</i> , 2018, 9, 999-1005.	3.7	62
92	Novel H-Shaped Persistent Architecture Based on a Dispiro Building Block System. <i>Organic Letters</i> , 2006, 8, 1363-1366.	2.4	60
93	Fluorene and silafluorene conjugated copolymer: A new blue light-emitting polymer. <i>Synthetic Metals</i> , 2006, 156, 1161-1167.	2.1	60
94	Structural, electronic, and optical properties of 9-heterofluorenes: A quantum chemical study. <i>Journal of Computational Chemistry</i> , 2007, 28, 2091-2101.	1.5	60
95	NIR-Excitation Phototheranostic Nanomedicine for Fluorescence/Photoacoustic Tumor Imaging and Targeted Photothermal-Photonic Thermodynamic Therapy. <i>Small</i> , 2021, 17, e2102527.	5.2	60
96	Microwave-enhanced multiple Suzuki couplings toward highly luminescent starburst monodisperse macromolecules. <i>Chemical Communications</i> , 2006, , 1959.	2.2	58
97	Multifunctional Theranostic Liposomes Loaded with a Hypoxia-Activated Prodrug for Cascade-Activated Tumor Selective Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 39410-39423.	4.0	58
98	Dynamic-Covalent Hydrogel with NIR-Triggered Drug Delivery for Localized Chemo-Photothermal Combination Therapy. <i>Biomacromolecules</i> , 2020, 21, 556-565.	2.6	58
99	Synthesis of Conjugated ⁺ Acidic Block Copolymers by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2002, 35, 9875-9881.	2.2	57
100	Facial Control Intramolecular Charge Transfer of Quinoid Conjugated Polymers for Efficient in Vivo NIR-II Imaging. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16311-16319.	4.0	57
101	Formation of graphene oxide gel via the π -stacked supramolecular self-assembly. <i>RSC Advances</i> , 2012, 2, 12204.	1.7	55
102	Monodispersed Brush-Like Conjugated Polyelectrolyte Nanoparticles with Efficient and Visualized siRNA Delivery for Gene Silencing. <i>Biomacromolecules</i> , 2013, 14, 3643-3652.	2.6	55
103	Grafted semiconducting polymer amphiphiles for multimodal optical imaging and combination phototherapy. <i>Chemical Science</i> , 2020, 11, 10553-10570.	3.7	55
104	Preparation of graphene supported nickel nanoparticles and their application to methanol electrooxidation in alkaline medium. <i>New Journal of Chemistry</i> , 2012, 36, 1108.	1.4	54
105	NIR-II Dye-Based Multifunctional Telechelic Glycopolymers for NIR-IIa Fluorescence Imaging-Guided Stimuli-Responsive Chemo-Photothermal Combination Therapy. , 2020, 2, 174-183.		54
106	Organic semiconducting nanoprobe with redox-activatable NIR-II fluorescence for <i>in vivo</i> real-time monitoring of drug toxicity. <i>Chemical Communications</i> , 2019, 55, 27-30.	2.2	53
107	Enhancing tumor penetration and targeting using size-minimized and zwitterionic nanomedicines. <i>Journal of Controlled Release</i> , 2016, 237, 115-124.	4.8	52
108	Individual Au-Nanocube Based Plasmonic Nanoprobe for Cancer Relevant MicroRNA Biomarker Detection. <i>ACS Sensors</i> , 2017, 2, 1435-1440.	4.0	52

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109	Conjugated Polymer Nanoparticles with Absorption beyond 1000 nm for NIR-II Fluorescence Imaging System Guided NIR-II Photothermal Therapy. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4171-4179.	2.0	51
110	A Series of Red-Light-Emitting Iridium Complexes: Structures, Excited State Properties, and Application in Electroluminescent Devices. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2177-2185.	1.0	50
111	Cationic Conjugated Polymer/Fluoresceinamine-Hyaluronan Complex for Sensitive Fluorescence Detection of CD44 and Tumor-Targeted Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19144-19153.	4.0	49
112	Tandem activated photodynamic and chemotherapy: Using pH-Sensitive nanosystems to realize different tumour distributions of photosensitizer/prodrug for amplified combination therapy. <i>Biomaterials</i> , 2019, 219, 119393.	5.7	49
113	A Highly Selective, Colorimetric, and Fluorometric Multisignaling Chemosensor for Hg ²⁺ Based on Poly(<i>p</i> -phenyleneethynylene) Containing Benzo[2,1,3]thiadiazole. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1212-1215.	2.0	48
114	Synthesis of large-scale undoped and nitrogen-doped amorphous graphene on MgO substrate by chemical vapor deposition. <i>Journal of Materials Chemistry</i> , 2012, 22, 19679.	6.7	48
115	Perylene Diimide-Grafted Polymeric Nanoparticles Chelated with Gd ³⁺ for Photoacoustic/ ¹ T-Weighted Magnetic Resonance Imaging-Guided Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30458-30469.	4.0	48
116	Plasmonic Nanobiosensor Based on Hairpin DNA for Detection of Trace Oligonucleotides Biomarker in Cancers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2459-2466.	4.0	47
117	NIR-Absorbing Dye Functionalized Supramolecular Vesicles for Chemo-photothermal Synergistic Therapy. <i>ACS Applied Bio Materials</i> , 2018, 1, 70-78.	2.3	47
118	Hyper-Branched Phosphorescent Conjugated Polyelectrolytes for Time-Resolved Heparin Sensing. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4562-4568.	4.0	46
119	Inner salt-shaped small molecular photosensitizer with extremely enhanced two-photon absorption for mitochondrial-targeted photodynamic therapy. <i>Chemical Communications</i> , 2017, 53, 1680-1683.	2.2	46
120	Iodine-Rich Semiconducting Polymer Nanoparticles for CT/Fluorescence Dual-Modal Imaging-Guided Enhanced Photodynamic Therapy. <i>Small</i> , 2020, 16, e1905641.	5.2	46
121	Synthesis, morphology and photophysics of novel hybrid organic-inorganic polyhedral oligomeric silsesquioxane-tethered poly(fluorenyleneethynylene)s. <i>Polymer</i> , 2006, 47, 1970-1978.	1.8	45
122	Ir-Conjugated Chelating Polymers with a Charged Iridium Complex in the Backbones: Toward Saturated-Red Phosphorescent Polymer Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1166-1175.	1.5	45
123	Facile synthesis of Au-SnO ₂ hybrid nanospheres with enhanced photoelectrochemical biosensing performance. <i>Nanoscale</i> , 2014, 6, 6315-6321.	2.8	45
124	Water-Soluble Iridium(III)-Containing Conjugated Polyelectrolytes with Weakened Energy Transfer Properties for Multicolor Protein Sensing Applications. <i>Macromolecules</i> , 2011, 44, 8763-8770.	2.2	44
125	Target-Induced Conjunction of Split Aptamer Fragments and Assembly with a Water-Soluble Conjugated Polymer for Improved Protein Detection. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3406-3412.	4.0	44
126	Thioflavin T as an Efficient G-Quadruplex Inducer for the Highly Sensitive Detection of Thrombin Using a New Förster Resonance Energy Transfer System. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16458-16465.	4.0	44

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127	Maximizing Aggregation of Organic Fluorophores to Prolong Fluorescence Lifetime for Two-Photon Fluorescence Lifetime Imaging. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800299.	3.9	44
128	An ultrasensitive label-free biosensor for assaying of sequence-specific DNA-binding protein based on amplifying fluorescent conjugated polymer. <i>Biosensors and Bioelectronics</i> , 2013, 41, 218-224.	5.3	43
129	Homogeneous near-infrared emissive polymeric nanoparticles based on amphiphilic diblock copolymers with perylene diimide and PEG pendants: self-assembly behavior and cellular imaging application. <i>Polymer Chemistry</i> , 2014, 5, 1372-1380.	1.9	43
130	A small-molecule probe for ratiometric photoacoustic imaging of hydrogen sulfide in living mice. <i>Chemical Communications</i> , 2019, 55, 5934-5937.	2.2	43
131	Side chain engineering of semiconducting polymers for improved NIR-II fluorescence imaging and photothermal therapy. <i>Chemical Engineering Journal</i> , 2022, 428, 132098.	6.6	43
132	A water-soluble phosphorescent conjugated polymer brush for tumor-targeted photodynamic therapy. <i>Polymer Chemistry</i> , 2017, 8, 5836-5844.	1.9	41
133	High Density Glycopolymers Functionalized Perylene Diimide Nanoparticles for Tumor-Targeted Photoacoustic Imaging and Enhanced Photothermal Therapy. <i>Biomacromolecules</i> , 2017, 18, 3375-3386.	2.6	41
134	A perylene diimide zwitterionic polymer for photoacoustic imaging guided photothermal/photodynamic synergistic therapy with single near-infrared irradiation. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3395-3403.	2.9	41
135	Chemiluminescence-initiated and <i>in situ</i> -enhanced photoisomerization for tissue-depth-independent photo-controlled drug release. <i>Chemical Science</i> , 2019, 10, 1401-1409.	3.7	41
136	Starlike polymer brush-based ultrasmall nanoparticles with simultaneously improved NIR-II fluorescence and blood circulation for efficient orthotopic glioblastoma imaging. <i>Biomaterials</i> , 2021, 275, 120916.	5.7	40
137	Highly Selective Anionic Counterion-based Fluorescent Sensor for Hg ²⁺ by Grafted Conjugated Polyelectrolytes. <i>Macromolecular Rapid Communications</i> , 2010, 31, 2160-2165.	2.0	39
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