Chang-Feng Wu

List of Publications by Year
in descending order

175 papers	12,769 citations	25034 57 h-index	24982 109 g-index
183 all docs	183 docs citations	183 times ranked	10915 citing authors

#	Article	IF	Citations
1	Allâ€inâ€One Photoacoustic Theranostics Using Multiâ€Functional Nanoparticles. Advanced Functional Materials, 2022, 32, 2107624.	14.9	6
2	Lightâ€Harvesting Fluorescent Spherical Nucleic Acids Selfâ€Assembled from a DNAâ€Grafted Conjugated Polymer for Amplified Detection of Nucleic Acids. Angewandte Chemie - International Edition, 2022, 61, .	13.8	25
3	Long-Term In Vivo Glucose Monitoring by Polymer-Dot Transducer in an Injectable Hydrogel Implant. Analytical Chemistry, 2022, 94, 2195-2203.	6.5	9
4	Multicolor Photoacoustic Volumetric Imaging of Subcellular Structures. ACS Nano, 2022, 16, 3231-3238.	14.6	3
5	Confining Fluorescent Probes in Nanochannels to Construct Reusable Nanosensors for Ion Current and Fluorescence Dual Gating. Nanomaterials, 2022, 12, 1468.	4.1	2
6	Recent advances in semiconducting polymer dots as optical probes for biosensing. Biomaterials Science, 2021, 9, 328-346.	5.4	34
7	Enhancing the Longâ€Term Stability of a Polymer Dot Glucose Transducer by Using an Enzymatic Cascade Reaction System. Advanced Healthcare Materials, 2021, 10, e2001019.	7.6	18
8	A biodegradable nano-photosensitizer with photoactivatable singlet oxygen generation for synergistic phototherapy. Journal of Materials Chemistry B, 2021, 9, 4826-4831.	5.8	8
9	Multimode Time-Resolved Superresolution Microscopy Revealing Chain Packing and Anisotropic Single Carrier Transport in Conjugated Polymer Nanowires. Nano Letters, 2021, 21, 4255-4261.	9.1	13
10	Reversible Ratiometric NADH Sensing Using Semiconducting Polymer Dots. Angewandte Chemie, 2021, 133, 12114-12119.	2.0	8
11	Measuring Cellular Uptake of Polymer Dots for Quantitative Imaging and Photodynamic Therapy. Analytical Chemistry, 2021, 93, 7071-7078.	6.5	11
12	Reversible Ratiometric NADH Sensing Using Semiconducting Polymer Dots. Angewandte Chemie - International Edition, 2021, 60, 12007-12012.	13.8	37
13	Expansion Microscopy with Multifunctional Polymer Dots. Advanced Materials, 2021, 33, e2007854.	21.0	18
14	Switchable stimulated Raman scattering microscopy with photochromic vibrational probes. Nature Communications, 2021, 12, 3089.	12.8	48
15	Lightâ€Controlled Precise Delivery of NIRâ€Responsive Semiconducting Polymer Nanoparticles with Promoted Vascular Permeability. Advanced Healthcare Materials, 2021, 10, e2100569.	7.6	16
16	Monitoring Metabolites Using an NAD(P)Hâ€sensitive Polymer Dot and a Metaboliteâ€Specific Enzyme. Angewandte Chemie, 2021, 133, 19480-19485.	2.0	8
17	Monitoring Metabolites Using an NAD(P)Hâ€sensitive Polymer Dot and a Metaboliteâ€Specific Enzyme. Angewandte Chemie - International Edition, 2021, 60, 19331-19336.	13.8	19
18	Improving the Accuracy of Pdot-Based Continuous Glucose Monitoring by Using External Ratiometric Calibration. Analytical Chemistry, 2021, 93, 2359-2366.	6.5	11

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19	NIR-II Fluorescence Imaging Reveals Bone Marrow Retention of Small Polymer Nanoparticles. Nano Letters, 2021, 21, 798-805.	9.1	48
20	Thermoacoustic endoscopy. Applied Physics Letters, 2020, 116, .	3.3	15
21	Near-Infrared Polymer Dots with Aggregation-Induced Emission for Tumor Imaging. ACS Applied Polymer Materials, 2020, 2, 74-79.	4.4	23
22	Semiconducting Polymer Dots with Dualâ€Enhanced NIRâ€IIa Fluorescence for Throughâ€Skull Mouseâ€Brain Imaging. Angewandte Chemie, 2020, 132, 3720-3727.	2.0	30
23	Semiconducting Polymer Dots with Dualâ€Enhanced NIRâ€IIa Fluorescence for Throughâ€Skull Mouseâ€Brain Imaging. Angewandte Chemie - International Edition, 2020, 59, 3691-3698.	13.8	171
24	Fluorination Enhances NIRâ€II Fluorescence of Polymer Dots for Quantitative Brain Tumor Imaging. Angewandte Chemie - International Edition, 2020, 59, 21049-21057.	13.8	108
25	Fluorination Enhances NIRâ€II Fluorescence of Polymer Dots for Quantitative Brain Tumor Imaging. Angewandte Chemie, 2020, 132, 21235-21243.	2.0	15
26	Thermosensitive Polymer Dot Nanocomposites for Trimodal Computed Tomography/Photoacoustic/Fluorescence Imaging-Guided Synergistic Chemo-Photothermal Therapy. ACS Applied Materials & Interfaces, 2020, 12, 51174-51184.	8.0	23
27	Narrow-band polymer dots with pronounced fluorescence fluctuations for dual-color super-resolution imaging. Nanoscale, 2020, 12, 7522-7526.	5.6	14
28	NIR-IIb excitable bright polymer dots with deep-red emission for in vivo through-skull three-photon fluorescence bioimaging. Nano Research, 2020, 13, 2632-2640.	10.4	24
29	Fluorescent Bioconjugates for Super-Resolution Optical Nanoscopy. Bioconjugate Chemistry, 2020, 31, 1857-1872.	3.6	30
30	Bioconjugation of IgG Secondary Antibodies to Polymer Dots for Multicolor Subcellular Imaging. ACS Applied Nano Materials, 2020, 3, 2214-2220.	5.0	17
31	Ultrasmall Semiconducting Polymer Dots with Rapid Clearance for Second Nearâ€Infrared Photoacoustic Imaging and Photothermal Cancer Therapy. Advanced Functional Materials, 2020, 30, 1909673.	14.9	107
32	Fluorescent chemo-sensors based on â€œdually smartâ€•optical micro/nano-waveguides lithographically fabricated with AIE composite resins. Materials Horizons, 2020, 7, 1782-1789.	12.2	19
33	In vivo dynamic cell tracking with long-wavelength excitable and near-infrared fluorescent polymer dots. Biomaterials, 2020, 254, 120139.	11.4	30
34	Metalloporphyrin loaded semiconducting polymer dots as potent photosensitizers via triplet-triplet energy transfer. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 383, 111988.	3.9	8
35	Efficient synthesis and facile functionalization of highly fluorescent spiro[pyrrol-pyran]. Dyes and Pigments, 2019, 171, 107777.	3.7	4
36	Quinoxaline-Based Semiconducting Polymer Dots for in Vivo NIR-II Fluorescence Imaging. Macromolecules, 2019, 52, 5735-5740.	4.8	46

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37	Polymer Dots Compartmentalized in Liposomes as a Photocatalyst for In Situ Hydrogen Therapy. Angewandte Chemie, 2019, 131, 2770-2774.	2.0	12
38	Spiro[pyrrol-benzopyran]-based probe with high asymmetry for chiroptical sensing via circular dichroism. Chemical Communications, 2019, 55, 7438-7441.	4.1	9
39	A BODIPYâ€Based Donor/Donorâ€“Acceptor System: Towards Highly Efficient Longâ€Wavelengthâ€Excitable Nearâ€IR Polymer Dots with Narrow and Strong Absorption Features. Angewandte Chemie, 2019, 131, 7082-7086.	2.0	4
40	Semiconducting Polymer Dots with Modulated Photoblinking for Highâ€Order Superâ€Resolution Optical Fluctuation Imaging. Advanced Optical Materials, 2019, 7, 1900007.	7.3	18
41	A BODIPYâ€Based Donor/Donorâ€“Acceptor System: Towards Highly Efficient Longâ€Wavelengthâ€Excitable Nearâ€IR Polymer Dots with Narrow and Strong Absorption Features. Angewandte Chemie - International Edition, 2019, 58, 7008-7012.	13.8	57
42	Cooperative Blinking from Dye Ensemble Activated by Energy Transfer for Super-resolution Cellular Imaging. Analytical Chemistry, 2019, 91, 4179-4185.	6.5	14
43	Liveâ€cell imaging of octaarginineâ€modified polymer dots via single particle tracking. Cell Proliferation, 2019, 52, e12556.	5.3	19
44	Utilizing Polymer Micelle to Control Dye J-aggregation and Enhance Its Theranostic Capability. IScience, 2019, 22, 229-239.	4.1	26
45	Nearâ€Infrared Broadband Polymerâ€Dot Modulator with High Optical Nonlinearity for Ultrafast Pulsed Lasers. Laser and Photonics Reviews, 2019, 13, 1800326.	8.7	28
46	Polymer Dots Compartmentalized in Liposomes as a Photocatalyst for In Situ Hydrogen Therapy. Angewandte Chemie - International Edition, 2019, 58, 2744-2748.	13.8	72
47	Compact Conjugated Polymer Dots with Covalently Incorporated Metalloporphyrins for Hypoxia Bioimaging. ChemBioChem, 2019, 20, 521-525.	2.6	17
48	Imaging Fast Cellular Uptake of Polymer Dots via Receptor-Mediated Endocytosis. Journal of Analysis and Testing, 2018, 2, 61-68.	5.1	2
49	Ultrabright Polymer-Dot Transducer Enabled Wireless Glucose Monitoring via a Smartphone. ACS Nano, 2018, 12, 5176-5184.	14.6	97
50	Semiconducting polymer nanoparticles for amplified photoacoustic imaging. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2018, 10, e1510.	6.1	8
51	Therapeutic Considerations and Conjugated Polymerâ€Based Photosensitizers for Photodynamic Therapy. Macromolecular Rapid Communications, 2018, 39, 1700614.	3.9	67
52	Purification of Semiconducting Polymer Dots by Size Exclusion Chromatography Prior to Cytotoxicity Assay and Stem Cell Labeling. Analytical Chemistry, 2018, 90, 5569-5575.	6.5	19
53	Biodegradable Polymer Nanoparticles for Photodynamic Therapy by Bioluminescence Resonance Energy Transfer. Biomacromolecules, 2018, 19, 201-208.	5.4	54
54	In vivo theranostics with near-infrared-emitting carbon dotsâ€”highly efficient photothermal therapy based on passive targeting after intravenous administration. Light: Science and Applications, 2018, 7, 91.	16.6	289

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55	Ratiometric Fluorescent Detection of Intracellular Singlet Oxygen by Semiconducting Polymer Dots. Analytical Chemistry, 2018, 90, 14629-14634.	6.5	52
56	A Tunable Optofluidic Microlaser in a Photostable Conjugated Polymer. Advanced Materials, 2018, 30, e1804556.	21.0	44
57	Enhanced bandwidth of white light communication using nanomaterial phosphors. Nanotechnology, 2018, 29, 455708.	2.6	21
58	Mesoporous Carbon Nanospheres as a Multifunctional Carrier for Cancer Theranostics. Theranostics, 2018, 8, 663-675.	10.0	99
59	Brightness Enhancement of Near-Infrared Semiconducting Polymer Dots for in Vivo Whole-Body Cell Tracking in Deep Organs. ACS Applied Materials & Interfaces, 2018, 10, 26928-26935.	8.0	30
60	Semiconducting Polymer Nanocavities: Porogenic Synthesis, Tunable Hostâ€“Guest Interactions, and Enhanced Drug/siRNA Delivery. Small, 2018, 14, e1800239.	10.0	34
61	Mesoporous Carbon Nanospheres as Broadband Saturable Absorbers for Pulsed Laser Generation. Advanced Optical Materials, 2018, 6, 1800606.	7.3	23
62	Supramolecular Polymer Dot Ensemble for Ratiometric Detection of Lectins and Targeted Delivery of Imaging Agents. ACS Applied Materials & Interfaces, 2017, 9, 3272-3276.	8.0	12
63	Semiconductor Polymer Dots: Small Photoblinking Semiconductor Polymer Dots for Fluorescence Nanoscopy (Adv. Mater. 5/2017). Advanced Materials, 2017, 29, .	21.0	3
64	Photo-Cross-Linkable Polymer Dots with Stable Sensitizer Loading and Amplified Singlet Oxygen Generation for Photodynamic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 3419-3431.	8.0	56
65	Semiconducting polymer dots with bright narrow-band emission at 800 nm for biological applications. Chemical Science, 2017, 8, 3390-3398.	7.4	67
66	Nanoscale metalâ€“organic frameworks coated with poly(vinyl alcohol) for ratiometric peroxynitrite sensing through FRET. Chemical Science, 2017, 8, 5101-5106.	7.4	57
67	Real-Time Imaging of Endocytosis and Intracellular Trafficking of Semiconducting Polymer Dots. ACS Applied Materials & Interfaces, 2017, 9, 21200-21208.	8.0	36
68	Dual fluorescence polymorphs: Wide-range emission from blue to red regulated by TICT and their dynamic electron state behavior under external pressure. Dyes and Pigments, 2017, 145, 294-300.	3.7	19
69	Enhanced Phototherapy by Nanoparticle-Enzyme via Generation and Photolysis of Hydrogen Peroxide. Nano Letters, 2017, 17, 4323-4329.	9.1	188
70	Semiconducting polymer dots with photosensitizer loading and peptide modification for enhanced cell penetration and photodynamic effect. Chinese Chemical Letters, 2017, 28, 2164-2168.	9.0	9
71	Multilayered upconversion nanocomposites with dual photosensitizing functions for enhanced photodynamic therapy. Journal of Materials Chemistry B, 2017, 5, 8169-8177.	5.8	14
72	Thiophene-fused 1,10-phenanthroline toward a far-red emitting conjugated polymer and its polymer dots: synthesis, properties and subcellular imaging. Materials Chemistry Frontiers, 2017, 1, 2638-2642.	5.9	15

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73	OCT imaging detection of brain blood vessels in mouse, based on semiconducting polymer nanoparticles. Analyst, The, 2017, 142, 4503-4510.	3.5	9
74	Multicolor Photoâ€Crosslinkable AIEgens toward Compact Nanodots for Subcellular Imaging and STED Nanoscopy. Small, 2017, 13, 1702128.	10.0	56
75	Lightâ€Induced PEGylation and Functionalization of Semiconductor Polymer Dots. ChemNanoMat, 2017, 3, 755-759.	2.8	10
76	Full-colour carbon dots: integration of multiple emission centres into single particles. Nanoscale, 2017, 9, 13326-13333.	5.6	31
77	Highly absorbing multispectral near-infrared polymer nanoparticles from one conjugated backbone for photoacoustic imaging and photothermal therapy. Biomaterials, 2017, 144, 42-52.	11.4	107
78	Multicolor Super-resolution Fluorescence Microscopy with Blue and Carmine Small Photoblinking Polymer Dots. ACS Nano, 2017, 11, 8084-8091.	14.6	74
79	Highly fluorescent hyperbranched BODIPY-based conjugated polymer dots for cellular imaging. Chemical Communications, 2017, 53, 8612-8615.	4.1	27
80	Sialylglycan-Assembled Supra-Dots for Ratiometric Probing and Blocking of Human-Infecting Influenza Viruses. ACS Applied Materials & Interfaces, 2017, 9, 25164-25170.	8.0	15
81	A PIID-DTBT based semi-conducting polymer dots with broad and strong optical absorption in the visible-light region: Highly effective contrast agents for multiscale and multi-spectral photoacoustic imaging. Nano Research, 2017, 10, 64-76.	10.4	36
82	Small Photoblinking Semiconductor Polymer Dots for Fluorescence Nanoscopy. Advanced Materials, 2017, 29, 1604850.	21.0	78
83	Semiconductor Polymer Dots for Optical Imaging and Phototherapy. , 2017, , .		0
84	Bright Polymer Dots Tracking Stem Cell Engraftment and Migration to Injured Mouse Liver. Theranostics, 2017, 7, 1820-1834.	10.0	46
85	The biocompatibility studies of polymer dots on pregnant mice and fetuses. Nanotheranostics, 2017, 1, 261-271.	5.2	8
86	Deep-red polymer dots with bright two-photon fluorescence and high biocompatibility for in vivo mouse brain imaging. Optics Communications, 2017, 399, 120-126.	2.1	16
87	Organic Nanodots for Superresolution Optical Imaging. , 2017, , .		0
88	Incorporation of Porphyrin to Ï€-Conjugated Backbone for Polymer-Dot-Sensitized Photodynamic Therapy. Biomacromolecules, 2016, 17, 2128-2136.	5.4	94
89	FRET acceptor suppressed single-particle photobleaching in semiconductor polymer dots. Optics Letters, 2016, 41, 2370.	3.3	7
90	Facile Synthesis, Macroscopic Separation, E/Z Isomerization, and Distinct AIE properties of Pure Stereoisomers of an Oxetane-Substituted Tetraphenylethene Luminogen. Chemistry of Materials, 2016, 28, 6628-6636.	6.7	71

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91	Nanoparticles Incorporated inside Single-Crystals: Enhanced Fluorescent Properties. Chemistry of Materials, 2016, 28, 7537-7543.	6.7	52
92	Enhanced single-particle brightness and photostability of semiconductor polymer dots by enzymatic oxygen scavenging system. Optical Materials, 2016, 62, 1-6.	3.6	17
93	Supercontinuum generation from 437 to 2850â€‰nm in a tapered fluorotellurite microstructured fiber. Laser Physics Letters, 2016, 13, 125101.	1.4	4
94	White light-emitting diodes of high color rendering index with polymer dot phosphors. RSC Advances, 2016, 6, 106225-106229.	3.6	7
95	In Vivo Dynamic Monitoring of Small Molecules with Implantable Polymer-Dot Transducer. ACS Nano, 2016, 10, 6769-6781.	14.6	132
96	Chiral fluorescent films of gold nanoclusters and photonic cellulose with modulated fluorescence emission. Journal of Materials Chemistry C, 2016, 4, 1764-1768.	5.5	35
97	Three-dimensional free-standing ZnO/graphene composite foam for photocurrent generation and photocatalytic activity. Applied Catalysis B: Environmental, 2016, 187, 367-374.	20.2	100
98	Tapered fluorotellurite microstructured fibers for broadband supercontinuum generation. Optics Letters, 2016, 41, 634.	3.3	43
99	Amplified Singlet Oxygen Generation in Semiconductor Polymer Dots for Photodynamic Cancer Therapy. ACS Applied Materials & Interfaces, 2016, 8, 3624-3634.	8.0	124
100	A New Cubic Phase for a NaYF₄ Host Matrix Offering High Upconversion Luminescence Efficiency. Advanced Materials, 2015, 27, 5528-5533.	21.0	94
101	Semiconductor Polymer Dots Induce Proliferation in Human Gastric Mucosal and Adenocarcinoma Cells. Macromolecular Bioscience, 2015, 15, 318-327.	4.1	10
102	Nanoparticle Probes for Structural and Functional Photoacoustic Molecular Tomography. BioMed Research International, 2015, 2015, 1-11.	1.9	23
103	Squaraine-Based Polymer Dots with Narrow, Bright Near-Infrared Fluorescence for Biological Applications. Journal of the American Chemical Society, 2015, 137, 173-178.	13.7	145
104	Single-Chain Semiconducting Polymer Dots. Langmuir, 2015, 31, 499-505.	3.5	8
105	Combination of carbon dot and polymer dot phosphors for white light-emitting diodes. Nanoscale, 2015, 7, 12045-12050.	5.6	176
106	Covalent Patterning and Rapid Visualization of Latent Fingerprints with Photo-Cross-Linkable Semiconductor Polymer Dots. ACS Applied Materials & Interfaces, 2015, 7, 14477-14484.	8.0	77
107	Silica-encapsulated semiconductor polymer dots as stable phosphors for white light-emitting diodes. Journal of Materials Chemistry C, 2015, 3, 7281-7285.	5.5	13
108	Enhanced photocurrent generation of bio-inspired graphene/ZnO composite films. Journal of Materials Chemistry A, 2015, 3, 12016-12022.	10.3	39

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109	Highly efficient near-infrared organic dots based on novel AEE fluorogen for specific cancer cell imaging. RSC Advances, 2015, 5, 36837-36844.	3.6	26
110	Dual mode emission of coreâ€“shell rare earth nanoparticles for fluorescence encoding. Journal of Materials Chemistry C, 2015, 3, 6314-6321.	5.5	24
111	Brightness calibrates particle size in single particle fluorescence imaging. Optics Letters, 2015, 40, 1242.	3.3	26
112	Flying upconversion fluorescent particles and direct observation of energy transfer and depopulation processes. CrystEngComm, 2015, 17, 587-591.	2.6	1
113	Multi-ion cooperative processes in Yb3+ clusters. Light: Science and Applications, 2014, 3, e193-e193.	16.6	148
114	Conjugated Polymer Dots for Ultraâ€Stable Fullâ€Color Fluorescence Patterning. Small, 2014, 10, 4270-4275.	10.0	78
115	Growth of hexagonal phase sodium rare earth tetrafluorides induced by heterogeneous cubic phase core. RSC Advances, 2014, 4, 13490.	3.6	11
116	Semiconducting polymer dots with monofunctional groups. Chemical Communications, 2014, 50, 5604-5607.	4.1	15
117	Europium-Complex-Grafted Polymer Dots for Amplified Quenching and Cellular Imaging Applications. Langmuir, 2014, 30, 8607-8614.	3.5	36
118	Yellow Fluorescent Semiconducting Polymer Dots with High Brightness, Small Size, and Narrow Emission for Biological Applications. ACS Macro Letters, 2014, 3, 1051-1054.	4.8	20
119	Size-Dependent Property and Cell Labeling of Semiconducting Polymer Dots. ACS Applied Materials & Interfaces, 2014, 6, 10802-10812.	8.0	74
120	Improved Ultraviolet Upconversion Emissions of Ho³⁺ in Hexagonal NaYF₄ Microcrystals Under 980 nm Excitation. Journal of Nanoscience and Nanotechnology, 2014, 14, 3490-3493.	0.9	4
121	Ratiometric Luminescent Detection of Bacterial Spores with Terbium Chelated Semiconducting Polymer Dots. Analytical Chemistry, 2013, 85, 9087-9091.	6.5	114
122	Internal structure-mediated ultrafast energy transfer in self-assembled polymer-blend dots. Nanoscale, 2013, 5, 7265.	5.6	14
123	Multicolor Fluorescent Semiconducting Polymer Dots with Narrow Emissions and High Brightness. ACS Nano, 2013, 7, 376-384.	14.6	197
124	Highly Fluorescent Semiconducting Polymer Dots for Biology and Medicine. Angewandte Chemie - International Edition, 2013, 52, 3086-3109.	13.8	954
125	Enhanced deep-ultraviolet upconversion emission of Gd3+ sensitized by Yb3+ and Ho3+ in Î²-NaLuF4 microcrystals under 980 nm excitation. Journal of Materials Chemistry C, 2013, 1, 2485.	5.5	72
126	Ultrasensitive Detection of Proteins on Western Blots with Semiconducting Polymer Dots. Macromolecular Rapid Communications, 2013, 34, 785-790.	3.9	18

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127	Lyophilization of Semiconducting Polymer Dot Bioconjugates. Analytical Chemistry, 2013, 85, 4316-4320.	6.5	20
128	Semiconducting Polymer Dots Doped with Europium Complexes Showing Ultranarrow Emission and Long Luminescence Lifetime for Timeâ€Gated Cellular Imaging. Angewandte Chemie - International Edition, 2013, 52, 11294-11297.	13.8	92
129	Generation of functionalized and robust semiconducting polymer dots with polyelectrolytes. Chemical Communications, 2012, 48, 3161.	4.1	46
130	A compact and highly fluorescent orange-emitting polymer dot for specific subcellular imaging. Chemical Communications, 2012, 48, 1778.	4.1	109
131	Importance of Having Low-Density Functional Groups for Generating High-Performance Semiconducting Polymer Dots. ACS Nano, 2012, 6, 5429-5439.	14.6	108
132	A versatile method for generating semiconducting polymer dot nanocomposites. Nanoscale, 2012, 4, 7246.	5.6	31
133	Tracking of Single Charge Carriers in a Conjugated Polymer Nanoparticle. Nano Letters, 2012, 12, 1300-1306.	9.1	63
134	Stable Functionalization of Small Semiconducting Polymer Dots via Covalent Crossâ€Linking and Their Application for Specific Cellular Imaging. Advanced Materials, 2012, 24, 3498-3504.	21.0	120
135	Covalent Crossâ€Linking: Stable Functionalization of Small Semiconducting Polymer Dots via Covalent Crossâ€Linking and Their Application for Specific Cellular Imaging (Adv. Mater. 26/2012). Advanced Materials, 2012, 24, 3577-3577.	21.0	0
136	Near-Infrared Fluorescent Dye-Doped Semiconducting Polymer Dots. ACS Nano, 2011, 5, 1468-1475.	14.6	202
137	Photosensitizer-doped conjugated polymer nanoparticles with high cross-sections for one- and two-photon excitation. Nanoscale, 2011, 3, 1451.	5.6	77
138	Copper(ii) and iron(ii) ion sensing with semiconducting polymer dots. Chemical Communications, 2011, 47, 2820.	4.1	160
139	Ratiometric Temperature Sensing with Semiconducting Polymer Dots. Journal of the American Chemical Society, 2011, 133, 8146-8149.	13.7	361
140	Development of Ultrabright Semiconducting Polymer Dots for Ratiometric pH Sensing. Analytical Chemistry, 2011, 83, 1448-1455.	6.5	245
141	Design of Highly Emissive Polymer Dot Bioconjugates for Inâ€...Vivo Tumor Targeting. Angewandte Chemie - International Edition, 2011, 50, 3430-3434.	13.8	330
142	Ultrabright and Bioorthogonal Labeling of Cellular Targets Using Semiconducting Polymer Dots and Click Chemistry. Angewandte Chemie - International Edition, 2010, 49, 9436-9440.	13.8	215
143	Bioconjugation of Ultrabright Semiconducting Polymer Dots for Specific Cellular Targeting. Journal of the American Chemical Society, 2010, 132, 15410-15417.	13.7	494
144	Amplified energy transfer in conjugated polymer nanoparticle tags and sensors. Nanoscale, 2010, 2, 1999.	5.6	191

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145	Ratiometric Singleâ€Nanoparticle Oxygen Sensors for Biological Imaging. Angewandte Chemie - International Edition, 2009, 48, 2741-2745.	13.8	345
146	Gold nanoparticles as a contrast agent forin vivotumor imaging with photoacoustic tomography. Nanotechnology, 2009, 20, 395102.	2.6	214
147	Nanoscale 3D Tracking with Conjugated Polymer Nanoparticles. Journal of the American Chemical Society, 2009, 131, 18410-18414.	13.7	126
148	Swelling-Controlled Polymer Phase and Fluorescence Properties of Polyfluorene Nanoparticles. Langmuir, 2008, 24, 5855-5861.	3.5	121
149	Multicolor Conjugated Polymer Dots for Biological Fluorescence Imaging. ACS Nano, 2008, 2, 2415-2423.	14.6	656
150	Energy Transfer in a Nanoscale Multichromophoric System:â€‰ Fluorescent Dye-Doped Conjugated Polymer Nanoparticles. Journal of Physical Chemistry C, 2008, 112, 1772-1781.	3.1	210
151	Gold Nanoparticles as Contrast Agent for in Vivo Photoacoustic Tomography of Tumor. , 2008, , .		1
152	Conjugated Polymer Dots for Multiphoton Fluorescence Imaging. Journal of the American Chemical Society, 2007, 129, 12904-12905.	13.7	301
153	Highly Luminescent Eu3+Chelate Nanoparticles Prepared by a Reprecipitationâ^'Encapsulation Method. Langmuir, 2007, 23, 1591-1595.	3.5	56
154	A study of the luminescence properties of Eu3+ -doped borate crystal and glass. Solid State Communications, 2007, 141, 436-439.	1.9	35
155	Preparation and Encapsulation of Highly Fluorescent Conjugated Polymer Nanoparticles. Langmuir, 2006, 22, 2956-2960.	3.5	348
156	Energy Transfer Mediated Fluorescence from Blended Conjugated Polymer Nanoparticles. Journal of Physical Chemistry B, 2006, 110, 14148-14154.	2.6	188
157	Finite-element-based photoacoustic tomography: phantom and chicken bone experiments. Applied Optics, 2006, 45, 3177.	2.1	23
158	Metal nanoshells as a contrast agent in near-infrared diffuse optical tomography. Optics Communications, 2005, 253, 214-221.	2.1	47
159	A new probe using hybrid virus-dye nanoparticles for near-infrared fluorescence tomography. Optics Communications, 2005, 255, 366-374.	2.1	37
160	Modified spontaneous emission of europium complex nanoclusters embedded in colloidal silica spheres. Chemical Physics Letters, 2005, 403, 129-134.	2.6	20
161	Imaging of small nanoparticle-containing objects by finite-element-based photoacoustic tomography. Optics Letters, 2005, 30, 3054.	3.3	45
162	Single Molecule Nanoparticles of the Conjugated Polymer MEHâ^'PPV, Preparation and Characterization by Near-Field Scanning Optical Microscopy. Journal of Physical Chemistry B, 2005, 109, 8543-8546.	2.6	235

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163	Intense ultraviolet upconversion luminescence from Yb3+ and Tm3+ codoped amorphous fluoride particles synthesized by pulsed laser ablation. Optics Communications, 2004, 242, 215-219.	2.1	49
164	Laser selective spectroscopy of europium complex embedded in colloidal silica spheres. Chemical Physics Letters, 2004, 388, 400-405.	2.6	22
165	Infrared-to-visible upconversion luminescence of Er3+ and Yb3+ co-doped germanate glass. Journal of Non-Crystalline Solids, 2004, 347, 52-55.	3.1	18
166	Spontaneous growth and luminescence of Si/SiOx core-shell nanowires. Chemical Physics Letters, 2003, 378, 368-373.	2.6	21
167	Infrared-to-ultraviolet up-conversion luminescence from AlF3: 0.2%Tm3+, 10%Yb3+ particles prepared by pulsed laser ablation. Solid State Communications, 2003, 125, 377-379.	1.9	8
168	Photoluminescence from surfactant-assembled Y2O3:Eu nanotubes. Applied Physics Letters, 2003, 82, 520-522.	3.3	170
169	Enhancement of ultraviolet upconversion in Yb3+ and Tm3+ codoped amorphous fluoride film prepared by pulsed laser deposition. Journal of Applied Physics, 2003, 93, 4328-4330.	2.5	81
170	Highly ConcentratedSi1â^'xCxAlloy with an Ordered Superstructure. Physical Review Letters, 2003, 90, 245503.	7.8	6
171	Infrared-to-violet upconversion from Yb3+ and Er3+ codoped amorphous fluoride film prepared by pulsed laser deposition. Journal of Applied Physics, 2002, 92, 6936-6938.	2.5	42
172	Near-infrared-to-visible photon upconversion in Mo-doped rutile titania. Chemical Physics Letters, 2002, 366, 205-210.	2.6	10
173	Up-converting Yb3+â€“Er3+ co-doped amorphous fluoride thin films prepared by pulsed-laser deposition for visible light source. Solid State Communications, 2001, 120, 211-214.	1.9	6
174	In vivo imaging and tracking of exosomes for theranostics. Journal of Innovative Optical Health Sciences, 0, , 2130005.	1.0	4
175	Lightâ€Harvesting Fluorescent Spherical Nucleic Acids Selfâ€Assembled from a DNAâ€Grafted Conjugated Polymer for Amplified Detection of Nucleic Acids. Angewandte Chemie, 0, , .	2.0	0