Fangmao Ye

List of Publications by Year
in descending order

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32 papers	2,218 citations	361413 20 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	2634 citing authors

#	Article	IF	Citations
1	Ratiometric Temperature Sensing with Semiconducting Polymer Dots. Journal of the American Chemical Society, 2011, 133, 8146-8149.	13.7	361
2	Development of Ultrabright Semiconducting Polymer Dots for Ratiometric pH Sensing. Analytical Chemistry, 2011, 83, 1448-1455.	6.5	245
3	Near-Infrared Fluorescent Dye-Doped Semiconducting Polymer Dots. ACS Nano, 2011, 5, 1468-1475.	14.6	202
4	Multicolor Fluorescent Semiconducting Polymer Dots with Narrow Emissions and High Brightness. ACS Nano, 2013, 7, 376-384.	14.6	197
5	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
6	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
7	Hybrid Semiconducting Polymer Dotâ€“Quantum Dot with Narrow-Band Emission, Near-Infrared Fluorescence, and High Brightness. Journal of the American Chemical Society, 2012, 134, 7309-7312.	13.7	113
8	A compact and highly fluorescent orange-emitting polymer dot for specific subcellular imaging. Chemical Communications, 2012, 48, 1778.	4.1	109
9	Importance of Having Low-Density Functional Groups for Generating High-Performance Semiconducting Polymer Dots. ACS Nano, 2012, 6, 5429-5439.	14.6	108
10	High-intensity near-IR fluorescence in semiconducting polymer dots achieved by cascade FRET strategy. Chemical Science, 2013, 4, 2143.	7.4	89
11	Optical painting and fluorescence activated sorting of single adherent cells labelled with photoswitchable Pdots. Nature Communications, 2016, 7, 11468.	12.8	85
12	Single Molecule Spectroscopy Studies of Diffusion in Mesoporous Silica Thin Films. Journal of Physical Chemistry B, 2006, 110, 9164-9170.	2.6	72
13	What can be learned from single molecule spectroscopy? Applications to solâ€“gel-derived silica materials. Physical Chemistry Chemical Physics, 2009, 11, 66-82.	2.8	52
14	Generation of functionalized and robust semiconducting polymer dots with polyelectrolytes. Chemical Communications, 2012, 48, 3161.	4.1	46
15	Toxicity and oxidative stress induced by semiconducting polymer dots in RAW264.7 mouse macrophages. Nanoscale, 2015, 7, 10085-10093.	5.6	37
16	Lanthanideâ€Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. Angewandte Chemie - International Edition, 2017, 56, 14908-14912.	13.8	32
17	A versatile method for generating semiconducting polymer dot nanocomposites. Nanoscale, 2012, 4, 7246.	5.6	31
18	Probing Chemical Interactions at the Single-Molecule Level in Mesoporous Silica Thin Films. Journal of Physical Chemistry C, 2007, 111, 6772-6780.	3.1	24

#	Article	IF	Citations
19	Light-induced crosslinkable semiconducting polymer dots. Chemical Science, 2015, 6, 2102-2109.	7.4	22
20	Fluorescence Spectroscopy Studies of Silica Film Polarity Gradients Prepared by Infusion-Withdrawal Dip-Coating. Chemistry of Materials, 2010, 22, 2970-2977.	6.7	20
21	Lyophilization of Semiconducting Polymer Dot Bioconjugates. Analytical Chemistry, 2013, 85, 4316-4320.	6.5	20
22	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
23	Ultrasensitive Detection of Proteins on Western Blots with Semiconducting Polymer Dots. Macromolecular Rapid Communications, 2013, 34, 785-790.	3.9	18
24	Molecular Orientation and Its Influence on Autocorrelation Amplitudes in Single-Molecule Imaging Experiments. Analytical Chemistry, 2007, 79, 6465-6472.	6.5	15
25	Semiconducting polymer dots with monofunctional groups. Chemical Communications, 2014, 50, 5604-5607.	4.1	15
26	Single-Chain Semiconducting Polymer Dots. Langmuir, 2015, 31, 499-505.	3.5	8
27	Following the Growth Process in Macroporous Methylsilsesquioxane Films at the Single Macropore Level by Confocal Correlation Spectroscopy. Chemistry of Materials, 2007, 19, 6528-6535.	6.7	6
28	Lanthanideâ€Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. Angewandte Chemie, 2017, 129, 15104-15108.	2.0	3
29	Ultrasensitive Protein Detection on Dot Blots and Western Blots with Semiconducting Polymer Dots. Methods in Molecular Biology, 2015, 1314, 131-137.	0.9	2
30	Highly fluorescent semiconducting polymer dots for single-molecule imaging and biosensing. Proceedings of SPIE, 2013, , .	0.8	1
31	Probing the interior of synaptic vesicles with internalized nanoparticles. , 2012, 8232, .		0
32	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