

# Zhe Zhang

## List of Publications by Year in descending order

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23  
papers

952  
citations

567281

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642732

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times ranked

1067  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiconducting Polymer Dots with Dual-Enhanced NIR-IIa Fluorescence for Through-Skull Mouse-Brain Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3691-3698.	13.8	171
2	Fluorination Enhances NIR-II Fluorescence of Polymer Dots for Quantitative Brain Tumor Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21049-21057.	13.8	108
3	Ultrasmall Semiconducting Polymer Dots with Rapid Clearance for Second Near-Infrared Photoacoustic Imaging and Photothermal Cancer Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 1909673.	14.9	107
4	Polymethine-Based Semiconducting Polymer Dots with Narrow-Band Emission and Absorption/Emission Maxima at NIR-II for Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 983-989.	13.8	69
5	A non-luminescent Eu-MOF-based "turn-on" sensor towards an anthrax biomarker through single-crystal to single-crystal phase transition. <i>Chemical Communications</i> , 2019, 55, 14918-14921.	4.1	64
6	Highly Efficient Orange-Red/Red Excimer Fluorescence from Dimeric $\pi$ - $\pi$ Stacking of Perylene and Its Nanoparticle Applications. <i>Journal of Physical Chemistry C</i> , 2019, 123, 13047-13056.	3.1	53
7	NIR-II Fluorescence Imaging Reveals Bone Marrow Retention of Small Polymer Nanoparticles. <i>Nano Letters</i> , 2021, 21, 798-805.	9.1	48
8	Electronic Nose with an Air Sensor Matrix for Detecting Beef Freshness. <i>Journal of Bionic Engineering</i> , 2008, 5, 67-73.	5.0	47
9	Tetraphenylethylene-Based Emissive Supramolecular Metallacages Assembled by Terpyridine Ligands. <i>CCS Chemistry</i> , 2020, 2, 337-348.	7.8	39
10	Adjusting Nitrogen Atom Orientations of Pyridine Ring in Tetraphenylsilane-Based Hosts for Highly Efficient Blue Phosphorescent Organic Light-Emitting Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 24793-24802.	8.0	34
11	Brightness Enhancement of Near-Infrared Semiconducting Polymer Dots for in Vivo Whole-Body Cell Tracking in Deep Organs. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26928-26935.	8.0	30
12	Semiconducting Polymer Dots with Dual-Enhanced NIR-IIa Fluorescence for Through-Skull Mouse-Brain Imaging. <i>Angewandte Chemie</i> , 2020, 132, 3720-3727.	2.0	30
13	In vivo dynamic cell tracking with long-wavelength excitable and near-infrared fluorescent polymer dots. <i>Biomaterials</i> , 2020, 254, 120139.	11.4	30
14	Near-Infrared Polymer Dots with Aggregation-Induced Emission for Tumor Imaging. <i>ACS Applied Polymer Materials</i> , 2020, 2, 74-79.	4.4	23
15	Dual fluorescence polymorphs: Wide-range emission from blue to red regulated by TICT and their dynamic electron state behavior under external pressure. <i>Dyes and Pigments</i> , 2017, 145, 294-300.	3.7	19
16	Bioconjugation of IgG Secondary Antibodies to Polymer Dots for Multicolor Subcellular Imaging. <i>ACS Applied Nano Materials</i> , 2020, 3, 2214-2220.	5.0	17
17	Fluorination Enhances NIR-II Fluorescence of Polymer Dots for Quantitative Brain Tumor Imaging. <i>Angewandte Chemie</i> , 2020, 132, 21235-21243.	2.0	15
18	Cooperative Blinking from Dye Ensemble Activated by Energy Transfer for Super-resolution Cellular Imaging. <i>Analytical Chemistry</i> , 2019, 91, 4179-4185.	6.5	14

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19	Long-Term <i>In Vivo</i> Glucose Monitoring by Polymer-Dot Transducer in an Injectable Hydrogel Implant. <i>Analytical Chemistry</i> , 2022, 94, 2195-2203.	6.5	9
20	An electrochemical modification strategy to fabricate NiFeCuPt polymetallic carbon matrices on nickel foam as stable electrocatalysts for water splitting. <i>Chemical Science</i> , 2022, 13, 8876-8884.	7.4	8
21	Restorable piezochromism phenomenon in an AIE molecular crystal: combined synchronous Raman scattering. <i>Faraday Discussions</i> , 2017, 196, 415-426.	3.2	7
22	Polymethine-Based Semiconducting Polymer Dots with Narrow Band Emission and Absorption/Emission Maxima at NIR-II for Bioimaging. <i>Angewandte Chemie</i> , 2021, 133, 996-1002.	2.0	7
23	Identification of electronic descriptors for catalytic activity of transition-metal and non-metal doped MoS <sub>2</sub> . <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 15101-15106.	2.8	3