

# Xuefei Wang

## List of Publications by Year in descending order

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27  
papers

874  
citations

471371

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526166

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A BODIPY-Based Fluorescent Probe for Detection of Subnanomolar Phosgene with Rapid Response and High Selectivity. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 13920-13927.	4.0	91
2	Cancer Cell Membrane-Biomimetic Nanoprobes with Two-Photon Excitation and Near-Infrared Emission for Intravital Tumor Fluorescence Imaging. <i>ACS Nano</i> , 2018, 12, 1350-1358.	7.3	88
3	A Fluorescent Probe for Hydrogen Peroxide in Vivo Based on the Modulation of Intramolecular Charge Transfer. <i>Analytical Chemistry</i> , 2017, 89, 5278-5284.	3.2	86
4	Core-Shell Gold Nanorod@Layered Double Hydroxide Nanomaterial with Highly Efficient Photothermal Conversion and Its Application in Antibacterial and Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 29630-29640.	4.0	86
5	Synthesis and Physical Properties of the Conjugated Dendrons Bearing Twisted Acenes Used in Solution Processing of Organic Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 11136-11141.	4.0	58
6	Conjugated Polymer-Based Hybrid Nanoparticles with Two-Photon Excitation and Near-Infrared Emission Features for Fluorescence Bioimaging within the Biological Window. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20640-20648.	4.0	52
7	Old is new again: a chemical probe for targeting mitochondria and monitoring mitochondrial membrane potential in cells. <i>Analyst, The</i> , 2015, 140, 5849-5854.	1.7	50
8	Enhancement of the Aggregation-Induced Emission by Hydrogen Bond for Visualizing Hypochlorous Acid in an Inflammation Model and a Hepatocellular Carcinoma Model. <i>Analytical Chemistry</i> , 2020, 92, 2830-2838.	3.2	42
9	Interface Engineering of a Compatible PEDOT Derivative Bilayer for High-Performance Inverted Perovskite Solar Cells. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600948.	1.9	40
10	An ionic liquid crystal-based solid polymer electrolyte with desirable ion-conducting channels for superior performance ambient-temperature lithium batteries. <i>Polymer Chemistry</i> , 2018, 9, 4674-4682.	1.9	34
11	Flower-like Surface of Three-Metal-Component Layered Double Hydroxide Composites for Improved Antibacterial Activity of Lysozyme. <i>Bioconjugate Chemistry</i> , 2018, 29, 2090-2099.	1.8	32
12	Synthesis, Single Crystal, and Physical Properties of Asymmetrical Thiophene/Selenophene-Fused Twistacenes. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2677-2682.	1.7	29
13	Semiconducting Nanocomposite with AI Egen-Triggered Enhanced Photoluminescence and Photodegradation for Dual-Modality Tumor Imaging and Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1903733.	7.8	22
14	Borate-modified carbon dots as a probe for quercetin in plants. <i>Analyst, The</i> , 2021, 146, 590-596.	1.7	20
15	Photoswitching Near-Infrared Fluorescence from Polymer Nanoparticles Catapults Signals over the Region of Noises and Interferences for Enhanced Sensitivity. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 4399-4406.	4.0	18
16	A new colorimetric, near-infrared fluorescent probe for rapid detection of palladium with high sensitivity and selectivity. <i>Talanta</i> , 2018, 183, 164-171.	2.9	18
17	Mitochondria-Targeted Sensor Array with Aggregation-Induced Emission Luminogens for Identification of Various Cells. <i>Analytical Chemistry</i> , 2020, 92, 14444-14451.	3.2	17
18	Benzothiazolium Derivative-Capped Silica Nanocomposites for $\beta$ -Amyloid Imaging <i>In Vivo</i> . <i>Analytical Chemistry</i> , 2021, 93, 12617-12627.	3.2	16

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19	A red mitochondria-targeted AlEgen for visualizing H <sub>2</sub> S in living cells and tumours. <i>Analyst</i> , 2019, 144, 3381-3388.	1.7	15
20	Si-Rhodamine Derivatives for Brain Fluorescence Imaging and Monitoring of H <sub>2</sub> S in the Brain of Schizophrenic Mice before and after Treatment. <i>Analytical Chemistry</i> , 2022, 94, 1813-1822.	3.2	15
21	A Colorimetric Fluorescent Probe for SO <sub>2</sub> Derivatives-Bisulfite and Sulfite at Nanomolar Level. <i>Journal of Fluorescence</i> , 2017, 27, 1767-1775.	1.3	14
22	The photo-/thermo-chromism of spiropyran in alkanes as a temperature abuse indicator in the cold chain of vaccines. <i>New Journal of Chemistry</i> , 2020, 44, 15350-15353.	1.4	10
23	Animated Electrochemistry Simulation Modules. <i>Journal of Chemical Education</i> , 2022, 99, 752-758.	1.1	6
24	Rigid axially symmetrical C <sub>60</sub> -BODIPY triplet photosensitizers: effect of bridge length on singlet oxygen generation. <i>New Journal of Chemistry</i> , 2020, 44, 20419-20427.	1.4	5
25	Correlative dual-alternating-color photoswitching fluorescence imaging and AFM enable ultrastructural analyses of complex structures with nanoscale resolution. <i>Nanoscale</i> , 2020, 12, 17203-17212.	2.8	4
26	Morphology and Composition of Insoluble Brown Carbon from Biomass Burning. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 1574-1580.	1.2	4
27	Evolution of the precursor solution and effect on morphology of perovskite film. <i>Chemical Physics Letters</i> , 2018, 711, 194-198.	1.2	2