Xuefei Wang

List of Publications by Year in Descending Order

25 papers	580 citations	14 h-index	24 g-index
27 ext. papers	741 ext. citations	6.8 avg, IF	3.8 L-index

#	Paper	IF	Citations
25	Animated Electrochemistry Simulation Modules. *Journal of Chemical Education*, **2022**, 99, 752-758	2.4	
24	Borate-modified carbon dots as a probe for quercetin in plants. *Analyst, The*, **2021**, 146, 590-596	5	3
23	Benzothiazolium Derivative-Capped Silica Nanocomposites for Amyloid Imaging. *Analytical Chemistry*, **2021**, 93, 12617-12627	7.8	5
22	Enhancement of the Aggregation-Induced Emission by Hydrogen Bond for Visualizing Hypochlorous Acid in an Inflammation Model and a Hepatocellular Carcinoma Model. *Analytical Chemistry*, **2020**, 92, 2830-2838	7.8	15
21	Mitochondria-Targeted Sensor Array with Aggregation-Induced Emission Luminogens for Identification of Various Cells. *Analytical Chemistry*, **2020**, 92, 14444-14451	7.8	3
20	Correlative dual-alternating-color photoswitching fluorescence imaging and AFM enable ultrastructural analyses of complex structures with nanoscale resolution. *Nanoscale*, **2020**, 12, 17203-17212	7.7	3
19	Rigid axially symmetrical C60-BODIPY triplet photosensitizers: effect of bridge length on singlet oxygen generation. *New Journal of Chemistry*, **2020**, 44, 20419-20427	3.6	2
18	The photo-/thermo-chromism of spiropyran in alkanes as a temperature abuse indicator in the cold chain of vaccines. *New Journal of Chemistry*, **2020**, 44, 15350-15353	3.6	1
17	A red mitochondria-targeted AIEgen for visualizing HS in living cells and tumours. *Analyst, The*, **2019**, 144, 3381-3388	5	9
16	Semiconducting Nanocomposite with AIEgen-Triggered Enhanced Photoluminescence and Photodegradation for Dual-Modality Tumor Imaging and Therapy. *Advanced Functional Materials*, **2019**, 29, 1903733	15.6	17
15	Core-Shell Gold Nanorod@Layered Double Hydroxide Nanomaterial with Highly Efficient Photothermal Conversion and Its Application in Antibacterial and Tumor Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 29630-29640	9.5	52
14	A new colorimetric, near-infrared fluorescent probe for rapid detection of palladium with high sensitivity and selectivity. *Talanta*, **2018**, 183, 164-171	6.2	11
13	Cancer Cell Membrane-Biomimetic Nanoprobes with Two-Photon Excitation and Near-Infrared Emission for Intravital Tumor Fluorescence Imaging. *ACS Nano*, **2018**, 12, 1350-1358	16.7	71
12	An ionic liquid crystal-based solid polymer electrolyte with desirable ion-conducting channels for superior performance ambient-temperature lithium batteries. *Polymer Chemistry*, **2018**, 9, 4674-4682	4.9	18
11	Flower-like Surface of Three-Metal-Component Layered Double Hydroxide Composites for Improved Antibacterial Activity of Lysozyme. *Bioconjugate Chemistry*, **2018**, 29, 2090-2099	6.3	21
10	Evolution of the precursor solution and effect on morphology of perovskite film. *Chemical Physics Letters*, **2018**, 711, 194-198	2.5	1
9	Interface Engineering of a Compatible PEDOT Derivative Bilayer for High-Performance Inverted Perovskite Solar Cells. *Advanced Materials Interfaces*, **2017**, 4, 1600948	4.6	31

8	A BODIPY-Based Fluorescent Probe for Detection of Subnanomolar Phosgene with Rapid Response and High Selectivity. *ACS Applied Materials & Interfaces*, **2017**, 9, 13920-13927	9.5	62
7	A Fluorescent Probe for Hydrogen Peroxide in Vivo Based on the Modulation of Intramolecular Charge Transfer. *Analytical Chemistry*, **2017**, 89, 5278-5284	7.8	65
6	A Colorimetric Fluorescent Probe for SO Derivatives-Bisulfite and Sulfite at Nanomolar Level. *Journal of Fluorescence*, **2017**, 27, 1767-1775	2.4	9
5	Photoswitching Near-Infrared Fluorescence from Polymer Nanoparticles Catapults Signals over the Region of Noises and Interferences for Enhanced Sensitivity. *ACS Applied Materials & Interfaces* , **2016**, 8, 4399-406	9.5	14
4	Old is new again: a chemical probe for targeting mitochondria and monitoring mitochondrial membrane potential in cells. *Analyst, The*, **2015**, 140, 5849-54	5	42
3	Conjugated Polymer-Based Hybrid Nanoparticles with Two-Photon Excitation and Near-Infrared Emission Features for Fluorescence Bioimaging within the Biological Window. *ACS Applied Materials & Interfaces*, **2015**, 7, 20640-8	9.5	45
2	Synthesis, Single Crystal, and Physical Properties of Asymmetrical Thiophene/Selenophene-Fused Twistacenes. *Chemistry - an Asian Journal*, **2015**, 10, 2677-82	4.5	27
1	Synthesis and physical properties of the conjugated dendrons bearing twisted acenes used in solution processing of organic light-emitting diodes. *ACS Applied Materials & Interfaces*, **2013**, 5, 11136-41	9.5	51