

# Yanmei Si

## List of Publications by Year in descending order

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16  
papers

814  
citations

623188

14  
h-index

940134

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g-index

16  
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16  
docs citations

16  
times ranked

1113  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zeolitic imidazolate framework-8 for ratiometric fluorescence sensing tetracyclines in environmental water based on AIE effects. <i>Analytica Chimica Acta</i> , 2022, 1199, 339576.	2.6	26
2	Atomic-Level and Modulated Interfaces of Photocatalyst Heterostructure Constructed by External Defect-Induced Strategy: A Critical Review. <i>Small</i> , 2021, 17, e2004980.	5.2	63
3	Gradient Hydrogen Migration Modulated with Self-Adapting S Vacancy in Copper-Doped ZnIn <sub>2</sub> S <sub>4</sub> Nanosheet for Photocatalytic Hydrogen Evolution. <i>ACS Nano</i> , 2021, 15, 15238-15248.	7.3	173
4	Target MicroRNA-Responsive DNA Hydrogel-Based Surface-Enhanced Raman Scattering Sensor Arrays for MicroRNA-Marked Cancer Screening. <i>Analytical Chemistry</i> , 2020, 92, 2649-2655.	3.2	78
5	Alkyne/Ruthenium(II) Complex-Based Ratiometric Surface-Enhanced Raman Scattering Nanoprobe for In Vitro and Ex Vivo Tracking of Carbon Monoxide. <i>Analytical Chemistry</i> , 2020, 92, 924-931.	3.2	23
6	A novel surface-enhanced Raman scattering-based ratiometric approach for detection of hyaluronidase in urine. <i>Talanta</i> , 2020, 215, 120915.	2.9	17
7	Au-Ag alloy/porous-SiO <sub>2</sub> core/shell nanoparticle-based surface-enhanced Raman scattering nanoprobe for ratiometric imaging analysis of nitric oxide in living cells. <i>Talanta</i> , 2019, 205, 120116.	2.9	13
8	Nanoconjugates of Ag/Au/Carbon Nanotube for Alkyne-Mediated Ratiometric SERS Imaging of Hypoxia in Hepatic Ischemia. <i>Analytical Chemistry</i> , 2019, 91, 4529-4536.	3.2	42
9	Oligonucleotide Cross-Linked Hydrogel for Recognition and Quantitation of MicroRNAs Based on a Portable Glucometer Readout. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 7792-7799.	4.0	50
10	Porous SiO <sub>2</sub> -coated Au-Ag alloy nanoparticles for the alkyne-mediated ratiometric Raman imaging analysis of hydrogen peroxide in live cells. <i>Analytica Chimica Acta</i> , 2019, 1057, 1-10.	2.6	17
11	Alkyne-DNA-Functionalized Alloyed Au/Ag Nanospheres for Ratiometric Surface-Enhanced Raman Scattering Imaging Assay of Endonuclease Activity in Live Cells. <i>Analytical Chemistry</i> , 2018, 90, 3898-3905.	3.2	65
12	Alkyne-based surface-enhanced Raman scattering nanoprobe for ratiometric imaging analysis of caspase 3 in live cells and tissues. <i>Analytica Chimica Acta</i> , 2018, 1043, 115-122.	2.6	25
13	rGO/AuNPs/tetraphenylporphyrin nanoconjugate-based electrochemical sensor for highly sensitive detection of cadmium ions. <i>Analytical Methods</i> , 2018, 10, 3631-3636.	1.3	26
14	A novel SERS nanoprobe for the ratiometric imaging of hydrogen peroxide in living cells. <i>Chemical Communications</i> , 2016, 52, 8553-8556.	2.2	85
15	A phosphorylation-sensitive tyrosine-tailored magnetic particle for electrochemically probing free organophosphates in blood. <i>Analyst</i> , 2014, 139, 5466-5471.	1.7	10
16	Ultrasensitive Electroanalysis of Low-Level Free MicroRNAs in Blood by Maximum Signal Amplification of Catalytic Silver Deposition Using Alkaline Phosphatase-Incorporated Gold Nanoclusters. <i>Analytical Chemistry</i> , 2014, 86, 10406-10414.	3.2	101