

# Xuming Sun

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11  
papers

519  
citations

9  
h-index

16  
g-index

16  
ext. papers

608  
ext. citations

13.2  
avg, IF

3.62  
L-index

#	Paper	IF	Citations
11	Plasmonic silver nanoshells for drug and metabolite detection. <i>Nature Communications</i> , <b>2017</b> , 8, 220	17.4	117
10	Metabolic Fingerprinting on a Plasmonic Gold Chip for Mass Spectrometry Based Diagnostics. <i>ACS Central Science</i> , <b>2018</b> , 4, 223-229	16.8	83
9	Diagnosis and prognosis of myocardial infarction on a plasmonic chip. <i>Nature Communications</i> , <b>2020</b> , 11, 1654	17.4	55
8	Extraction, detection, and profiling of serum biomarkers using designed Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @HA core-shell particles. <i>Nano Research</i> , <b>2018</b> , 11, 68-79	10	50
7	Plasmonic nanoshells enhanced laser desorption/ionization mass spectrometry for detection of serum metabolites. <i>Analytica Chimica Acta</i> , <b>2017</b> , 950, 147-155	6.6	49
6	Detection and Inhibition of Bacteria on a Dual-Functional Silver Platform. <i>Small</i> , <b>2019</b> , 15, e1803051	11	47
5	Magnetic Squashing of Circulating Tumor Cells on Plasmonic Substrates for Ultrasensitive NIR Fluorescence Detection. <i>Small Methods</i> , <b>2019</b> , 3, 1800474	12.8	44
4	Designed Microdevices for In Vitro Diagnostics. <i>Small Methods</i> , <b>2017</b> , 1, 1700196	12.8	35
3	A Plasmonic Mass Spectrometry Approach for Detection of Small Nutrients and Toxins. <i>Nano-Micro Letters</i> , <b>2018</b> , 10, 52	19.5	30
2	Bacteria Inhibition: Detection and Inhibition of Bacteria on a Dual-Functional Silver Platform (Small 3/2019). <i>Small</i> , <b>2019</b> , 15, 1970020	11	5
1	Circulating Tumor Cells: Magnetic Squashing of Circulating Tumor Cells on Plasmonic Substrates for Ultrasensitive NIR Fluorescence Detection (Small Methods 2/2019). <i>Small Methods</i> , <b>2019</b> , 3, 1970004 <sup>12.8</sup>	12.8	4