

Xuming Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5313124/publications.pdf>

Version: 2024-02-01

15
papers

678
citations

1040018

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1281846

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16
all docs

16
docs citations

16
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic silver nanoshells for drug and metabolite detection. Nature Communications, 2017, 8, 220.	12.8	166
2	Metabolic Fingerprinting on a Plasmonic Gold Chip for Mass Spectrometry Based <i>in Vitro</i> Diagnostics. ACS Central Science, 2018, 4, 223-229.	11.3	106
3	Diagnosis and prognosis of myocardial infarction on a plasmonic chip. Nature Communications, 2020, 11, 1654.	12.8	83
4	Extraction, detection, and profiling of serum biomarkers using designed Fe ₃ O ₄ @SiO ₂ @HA core-shell particles. Nano Research, 2018, 11, 68-79.	10.4	65
5	Plasmonic nanoshells enhanced laser desorption/ionization mass spectrometry for detection of serum metabolites. Analytica Chimica Acta, 2017, 950, 147-155.	5.4	62
6	Detection and Inhibition of Bacteria on a Dual-Functional Silver Platform. Small, 2019, 15, e1803051.	10.0	54
7	Magnetic "Squashing" of Circulating Tumor Cells on Plasmonic Substrates for Ultrasensitive NIR Fluorescence Detection. Small Methods, 2019, 3, 1800474.	8.6	52
8	Designed Microdevices for In Vitro Diagnostics. Small Methods, 2017, 1, 1700196.	8.6	43
9	A Plasmonic Mass Spectrometry Approach for Detection of Small Nutrients and Toxins. Nano-Micro Letters, 2018, 10, 52.	27.0	37
10	Circulating Tumor Cells: Magnetic "Squashing" of Circulating Tumor Cells on Plasmonic Substrates for Ultrasensitive NIR Fluorescence Detection (Small Methods 2/2019). Small Methods, 2019, 3, 1970004.	8.6	5
11	Bacteria Inhibition: Detection and Inhibition of Bacteria on a Dual-Functional Silver Platform (Small) Tj ETQq1 1 0.784314 rgBJ /Overl	10.0	5
12	Novel surface engineered micro-needles towards bio-analytical applications. , 2016, , .		0
13	Analysis of small metabolites using novel alloy nanoparticles. , 2017, , .		0
14	Polymer-metal composites for sensitive detection of metabolites by mass spectrometry. , 2017, , .		0
15	Size-selected Core-shell Nanoalloys for Laser Desorption/ionization Detection of Small Metabolites. , 2018, , .		0