Junrong Li

List of Publications by Year
in descending order

16 papers	532 citations	687363 13 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	698 citing authors

#	Article	IF	Citations
1	A novel colorimetric biosensor based on non-aggregated Au@Ag coreâ€“shell nanoparticles for methamphetamine and cocaine detection. Talanta, 2017, 175, 338-346.	5.5	74
2	A digital single-molecule nanopillar SERS platform for predicting and monitoring immune toxicities in immunotherapy. Nature Communications, 2021, 12, 1087.	12.8	62
3	Multiplexed SERS Detection of Soluble Cancer Protein Biomarkers with Goldâ€“Silver Alloy Nanoboxes and Nanoyeast Single-Chain Variable Fragments. Analytical Chemistry, 2018, 90, 10377-10384.	6.5	59
4	Native MicroRNA Targets Trigger Selfâ€Assembly of Nanozymeâ€Patterned Hollowed Nanocuboids with Optimal Interparticle Gaps for Plasmonicâ€Activated Cancer Detection. Small, 2019, 15, e1904689.	10.0	53
5	Simple and rapid colorimetric detection of melanoma circulating tumor cells using bifunctional magnetic nanoparticles. Analyst, The, 2017, 142, 4788-4793.	3.5	47
6	Facile One-Pot Synthesis of Nanodot-Decorated Goldâ€“Silver Alloy Nanoboxes for Single-Particle Surface-Enhanced Raman Scattering Activity. ACS Applied Materials & Interfaces, 2018, 10, 32526-32535.	8.0	45
7	Simultaneous enzymatic and SERS properties of bifunctional chitosan-modified popcorn-like Au-Ag nanoparticles for high sensitive detection of melamine in milk powder. Talanta, 2015, 140, 204-211.	5.5	41
8	Synthesis of size-tunable chitosan encapsulated goldâ€“silver nanoflowers and their application in SERS imaging of living cells. Physical Chemistry Chemical Physics, 2015, 17, 21261-21267.	2.8	36
9	The Growing Impact of Micro/Nanomaterialâ€Based Systems in Precision Oncology: Translating â€œMultiomicsâ€•Technologies. Advanced Functional Materials, 2020, 30, 1909306.	14.9	25
10	Coreâ€“shell Fructus Broussonetia-like Au@Ag@Pt nanoparticles as highly efficient peroxidase mimetics for supersensitive resonance-enhanced Raman sensing. Analytical Methods, 2016, 8, 2097-2105.	2.7	21
11	A high-resolution study of in situ surface-enhanced Raman scattering nanotag behavior in biological systems. Journal of Colloid and Interface Science, 2019, 537, 536-546.	9.4	20
12	Amplification-Free SARS-CoV-2 Detection Using Nanoyeast-scFv and Ultrasensitive Plasmonic Nanobox-Integrated Nanomixing Microassay. Analytical Chemistry, 2021, 93, 10251-10260.	6.5	19
13	Toward precision oncology: SERS microfluidic systems for multiplex biomarker analysis in liquid biopsy. Materials Advances, 2022, 3, 1459-1471.	5.4	19
14	Ultrasensitive melanoma biomarker detection using a microchip SERS immunoassay with anisotropic Auâ€“Ag alloy nanoboxes. RSC Advances, 2020, 10, 28778-28785.	3.6	6
15	A tipâ€“gap mesh-like bilayer SERS substrate for highly sensitive detection. Analytical Methods, 2018, 10, 2251-2256.	2.7	4
16	Multiomics: The Growing Impact of Micro/Nanomaterialâ€Based Systems in Precision Oncology: Translating â€œMultiomicsâ€•Technologies (Adv. Funct. Mater. 37/2020). Advanced Functional Materials, 2020, 30, 2070248.	14.9	1