

Dan Sun

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

426
citations

933447

10
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive and Simultaneous Detection of Two Cytokines Secreted by Single Cell in Microfluidic Droplets via Magnetic-Field Amplified SERS. <i>Analytical Chemistry</i> , 2019, 91, 2551-2558.	6.5	71
2	Label-Free Detection of Multiplexed Metabolites at Single-Cell Level via a SERS-Microfluidic Droplet Platform. <i>Analytical Chemistry</i> , 2019, 91, 15484-15490.	6.5	58
3	Cellular heterogeneity identified by single-cell alkaline phosphatase (ALP) <i>via</i> a SERS-microfluidic droplet platform. <i>Lab on A Chip</i> , 2019, 19, 335-342.	6.0	55
4	Smart Surface-Enhanced Resonance Raman Scattering Nanoprobe for Monitoring Cellular Alkaline Phosphatase Activity during Osteogenic Differentiation. <i>ACS Sensors</i> , 2020, 5, 1758-1767.	7.8	36
5	Glucose oxidase probe as a surface-enhanced Raman scattering sensor for glucose. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7513-7520.	3.7	32
6	Tumor Microenvironment-Activated Degradable Multifunctional Nanoreactor for Synergistic Cancer Therapy and Glucose SERS Feedback. <i>IScience</i> , 2020, 23, 101274.	4.1	30
7	Construction of highly sensitive surface-enhanced Raman scattering (SERS) nanosensor aimed for the testing of glucose in urine. <i>RSC Advances</i> , 2016, 6, 53800-53803.	3.6	24
8	Glucose-bridged silver nanoparticle assemblies for highly sensitive molecular recognition of sialic acid on cancer cells via surface-enhanced raman scattering spectroscopy. <i>Talanta</i> , 2018, 179, 200-206.	5.5	24
9	Distinguishing cancer cell lines at a single living cell level via detection of sialic acid by dual-channel plasmonic imaging and by using a SERS-microfluidic droplet platform. <i>Mikrochimica Acta</i> , 2019, 186, 367.	5.0	18
10	MicroRNA-21 expression in single living cells revealed by fluorescence and SERS dual-response microfluidic droplet platform. <i>Lab on A Chip</i> , 2022, 22, 2165-2172.	6.0	12
11	Determination of vitamins B2, B3, B6 and B7 in corn steep liquor by NIR and PLSR. <i>Transactions of Tianjin University</i> , 2012, 18, 372-377.	6.4	10
12	A recyclable silver ions-specific surface-enhanced Raman scattering (SERS) sensor. <i>Talanta</i> , 2017, 171, 159-165.	5.5	10
13	Ultrasensitive Raman sensing of alkaline phosphatase activity in serum based on an enzyme-catalyzed reaction. <i>Analytical Methods</i> , 2019, 11, 3501-3505.	2.7	10
14	Enzyme-triggered click chemistry combined with surface-enhanced Raman spectroscopy for the simple and sensitive detection of alkaline phosphatase activity from complex biological samples. <i>Analyst</i> , The, 2022, 147, 2494-2499.	3.5	9
15	Quantitative Determination of Urine Glucose: Combination of Laminar Flow in Microfluidic Chip with SERS Probe Technique. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 899-904.	2.6	8
16	A Smartphone-assisted Paper-based Analytical Device for Fluorescence Assay of Hg ²⁺ . <i>Chemical Research in Chinese Universities</i> , 2019, 35, 972-977.	2.6	8
17	Label-free and ultrasensitive SERS detection of pesticide residues using 3D hot-junction of a Raman enhancing montmorillonite/silver nanoparticles nanocomposite. <i>Analytical Methods</i> , 2022, 14, 1134-1139.	2.7	4
18	Metformin hydrochloride action on cell membrane N-cadherin expression and cell nucleus revealed by SERS nanoprobe. <i>Talanta</i> , 2021, 232, 122442.	5.5	3

#	ARTICLE	IF	CITATIONS
19	Synthesis of cross-linked magnetic composite microspheres containing carboxyl groups. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2008, 3, 81-87.	0.4	2
20	Electrostimulus Associated PD-L1 Expression on Cell Membrane Revealed by Immune SERS Nanoprobes. <i>Analyst</i> , The, 2022, , .	3.5	2