Dan Sun

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10071522/publications.pdf

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20	426	933447 10	752698 20
papers	citations	h-index	g-index

20	20	20	601
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrostimulus Associated PD-L1 Expression on Cell Membrane Revealed by Immune SERS Nanoprobes. Analyst, The, 2022, , .	3.5	2
2	Label-free and ultrasensitive SERS detection of pesticide residues using 3D hot-junction of a Raman enhancing montmorillonite/silver nanoparticles nanocomposite. Analytical Methods, 2022, 14, 1134-1139.	2.7	4
3	Enzyme-triggered click chemistry combined with surface-enhanced Raman spectroscopy for the simple and sensitive detection of alkaline phosphatase activity from complex biological samples. Analyst, The, 2022, 147, 2494-2499.	3.5	9
4	MicroRNA-21 expression in single living cells revealed by fluorescence and SERS dual-response microfluidic droplet platform. Lab on A Chip, 2022, 22, 2165-2172.	6.0	12
5	Metformin hydrochloride action on cell membrane N-cadherin expression and cell nucleus revealed by SERS nanoprobes. Talanta, 2021, 232, 122442.	5.5	3
6	Smart Surface-Enhanced Resonance Raman Scattering Nanoprobe for Monitoring Cellular Alkaline Phosphatase Activity during Osteogenic Differentiation. ACS Sensors, 2020, 5, 1758-1767.	7.8	36
7	Tumor Microenvironment-Activated Degradable Multifunctional Nanoreactor for Synergistic Cancer Therapy and Glucose SERS Feedback. IScience, 2020, 23, 101274.	4.1	30
8	Cellular heterogeneity identified by single-cell alkaline phosphatase (ALP) via a SERRS-microfluidic droplet platform. Lab on A Chip, 2019, 19, 335-342.	6.0	55
9	Ultrasensitive Raman sensing of alkaline phosphatase activity in serum based on an enzyme-catalyzed reaction. Analytical Methods, 2019, 11, 3501-3505.	2.7	10
10	Distinguishing cancer cell lines at aÂsingle living cell level via detection of sialic acid by dual-channel plasmonic imaging and by using a SERS-microfluidic droplet platform. Mikrochimica Acta, 2019, 186, 367.	5.0	18
11	Label-Free Detection of Multiplexed Metabolites at Single-Cell Level via a SERS-Microfluidic Droplet Platform. Analytical Chemistry, 2019, 91, 15484-15490.	6.5	58
12	A Smartphone-assisted Paper-based Analytical Device for Fluorescence Assay of Hg2+. Chemical Research in Chinese Universities, 2019, 35, 972-977.	2.6	8
13	Ultrasensitive and Simultaneous Detection of Two Cytokines Secreted by Single Cell in Microfluidic Droplets via Magnetic-Field Amplified SERS. Analytical Chemistry, 2019, 91, 2551-2558.	6.5	71
14	Glucose-bridged silver nanoparticle assemblies for highly sensitive molecular recognition of sialic acid on cancer cells via surface-enhanced raman scattering spectroscopy. Talanta, 2018, 179, 200-206.	5.5	24
15	Quantitative Determination of Urine Glucose: Combination of Laminar Flow in Microfluidic Chip with SERS Probe Technique. Chemical Research in Chinese Universities, 2018, 34, 899-904.	2.6	8
16	A recyclable silver ions-specific surface-enhanced Raman scattering (SERS) sensor. Talanta, 2017, 171, 159-165.	5.5	10
17	Construction of highly sensitive surface-enhanced Raman scattering (SERS) nanosensor aimed for the testing of glucose in urine. RSC Advances, 2016, 6, 53800-53803.	3.6	24
18	Glucose oxidase probe as a surface-enhanced Raman scattering sensor for glucose. Analytical and Bioanalytical Chemistry, 2016, 408, 7513-7520.	3.7	32

#	Article	IF	Citations
19	Determination of vitamins B2, B3, B6 and B7 in corn steep liquor by NIR and PLSR. Transactions of Tianjin University, 2012, 18, 372-377.	6.4	10
20	Synthesis of cross-linked magnetic composite microspheres containing carboxyl groups. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2008, 3, 81-87.	0.4	2