

Ling Lin

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

754
citations

516710

16
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

882
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanofluidics for single-cell analysis. <i>Chinese Chemical Letters</i> , 2022, 33, 1752-1756.	9.0	16
2	Emerging open microfluidics for cell manipulation. <i>Chemical Society Reviews</i> , 2021, 50, 5333-5348.	38.1	54
3	Metabolism-Based Capture and Analysis of Circulating Tumor Cells in an Open Space. <i>Analytical Chemistry</i> , 2021, 93, 6955-6960.	6.5	19
4	3D microfluidic tumor models for biomimetic engineering of glioma niche and detection of cell morphology, migration and phenotype change. <i>Talanta</i> , 2021, 234, 122702.	5.5	9
5	Microfluidic droplet-based functional materials for cell manipulation. <i>Lab on A Chip</i> , 2021, 21, 4311-4329.	6.0	21
6	Mitigation of drug metabolism in cell co-culture microcapsule model using a microfluidic chip platform coupled to mass spectrometry. <i>Chinese Chemical Letters</i> , 2020, 31, 451-454.	9.0	41
7	Controllable Synthesis of Multicompartmental Particles Using 3D Microfluidics. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2225-2229.	13.8	45
8	ATP-responsive mitochondrial probes for monitoring metabolic processes of glioma stem cells in a 3D model. <i>Chemical Science</i> , 2020, 11, 2744-2749.	7.4	20
9	Monitoring H_2O_2 on the Surface of Single Cells with Liquid Crystal Elastomer Microspheres. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9282-9287.	13.8	47
10	A tumor microenvironment model coupled with a mass spectrometry system to probe the metabolism of drug-loaded nanoparticles. <i>Chemical Communications</i> , 2019, 55, 10218-10221.	4.1	12
11	Multifunctional Regulation of 3D Cell-Laden Microsphere Culture on an Integrated Microfluidic Device. <i>Analytical Chemistry</i> , 2019, 91, 12283-12289.	6.5	31
12	Radical-Triggered Chemiluminescence of Phenanthroline Derivatives: An Insight into Radical-Aromatic Interaction. <i>ACS Omega</i> , 2019, 4, 15004-15011.	3.5	13
13	Homogenous deposition of matrix-analyte cocrystals on gold-nanobowl arrays for improving MALDI-MS signal reproducibility. <i>Chemical Communications</i> , 2019, 55, 2166-2169.	4.1	14
14	Nongenetically Encoded and Erasable Imaging Strategy for Receptor-Specific Glycans on Live Cells. <i>Analytical Chemistry</i> , 2019, 91, 2600-2604.	6.5	18
15	Preparation and electrocatalytic properties of gold nanoparticles loaded carbon nanotubes. <i>Chinese Chemical Letters</i> , 2018, 29, 1633-1636.	9.0	5
16	Combination of nano-material enrichment and dead-end filtration for uniform and rapid sample preparation in matrix-assisted laser desorption/ionization mass spectrometry. <i>Talanta</i> , 2018, 181, 217-223.	5.5	9
17	MoS ₂ -LA-PEI nanocomposite carrier for real-time imaging of ATP metabolism in glioma stem cells co-cultured with endothelial cells on a microfluidic system. <i>Biosensors and Bioelectronics</i> , 2018, 99, 142-149.	10.1	24
18	Micro/nanofluidics-enabled single-cell biochemical analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 99, 66-74.	11.4	43

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19	DNA-Mediated rolling circle amplification for ultrasensitive detection of thrombin using MALDI-TOF mass spectrometry. <i>Chemical Communications</i> , 2018, 54, 11546-11549.	4.1	19
20	Live imaging of cell membrane-localized MT1-MMP activity on a microfluidic chip. <i>Chemical Communications</i> , 2018, 54, 11435-11438.	4.1	10
21	Reconstituting Glioma Perivascular Niches on a Chip for Insights into Chemoresistance of Glioma. <i>Analytical Chemistry</i> , 2018, 90, 10326-10333.	6.5	31
22	Integrated Microfluidic Platform with Multiple Functions To Probe Tumor-Endothelial Cell Interaction. <i>Analytical Chemistry</i> , 2017, 89, 10037-10044.	6.5	54
23	Redox cycling of iron by carbon dot enhanced chemiluminescence: mechanism of electron-hole induction in carbon dot. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21604-21611.	2.8	31
24	Investigation of carbon deposition induced by pyrolytic decomposition of ethylene. <i>RSC Advances</i> , 2017, 7, 29639-29644.	3.6	2
25	Quantum dots-enhanced chemiluminescence: Mechanism and application. <i>Coordination Chemistry Reviews</i> , 2014, 263-264, 86-100.	18.8	166