Ling Lin

List of Publications by Year
in descending order

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	Quantum dots-enhanced chemiluminescence: Mechanism and application. Coordination Chemistry Reviews, 2014, 263-264, 86-100.	18.8	166
2	Integrated Microfluidic Platform with Multiple Functions To Probe Tumorâ€“Endothelial Cell Interaction. Analytical Chemistry, 2017, 89, 10037-10044.	6.5	54
3	Emerging open microfluidics for cell manipulation. Chemical Society Reviews, 2021, 50, 5333-5348.	38.1	54
4	Monitoring H₂O₂ on the Surface of Single Cells with Liquid Crystal Elastomer Microspheres. Angewandte Chemie - International Edition, 2020, 59, 9282-9287.	13.8	47
5	Controllable Synthesis of Multicompartmental Particles Using 3D Microfluidics. Angewandte Chemie - International Edition, 2020, 59, 2225-2229.	13.8	45
6	Micro/nanofluidics-enabled single-cell biochemical analysis. TrAC - Trends in Analytical Chemistry, 2018, 99, 66-74.	11.4	43
7	Imitation of drug metabolism in cell co-culture microcapsule model using a microfluidic chip platform coupled to mass spectrometry. Chinese Chemical Letters, 2020, 31, 451-454.	9.0	41
8	Redox cycling of iron by carbon dot enhanced chemiluminescence: mechanism of electronâ€“hole induction in carbon dot. Physical Chemistry Chemical Physics, 2017, 19, 21604-21611.	2.8	31
9	Reconstituting Glioma Perivascular Niches on a Chip for Insights into Chemoresistance of Glioma. Analytical Chemistry, 2018, 90, 10326-10333.	6.5	31
10	Multifunctional Regulation of 3D Cell-Laden Microsphere Culture on an Integrated Microfluidic Device. Analytical Chemistry, 2019, 91, 12283-12289.	6.5	31
11	MoS2-LA-PEI nanocomposite carrier for real-time imaging of ATP metabolism in glioma stem cells co-cultured with endothelial cells on a microfluidic system. Biosensors and Bioelectronics, 2018, 99, 142-149.	10.1	24
12	Microfluidic droplet-based functional materials for cell manipulation. Lab on A Chip, 2021, 21, 4311-4329.	6.0	21
13	ATP-responsive mitochondrial probes for monitoring metabolic processes of glioma stem cells in a 3D model. Chemical Science, 2020, 11, 2744-2749.	7.4	20
14	DNA-Mediated rolling circle amplification for ultrasensitive detection of thrombin using MALDI-TOF mass spectrometry. Chemical Communications, 2018, 54, 11546-11549.	4.1	19
15	Metabolism-Based Capture and Analysis of Circulating Tumor Cells in an Open Space. Analytical Chemistry, 2021, 93, 6955-6960.	6.5	19
16	Nongenetically Encoded and Erasable Imaging Strategy for Receptor-Specific Glycans on Live Cells. Analytical Chemistry, 2019, 91, 2600-2604.	6.5	18
17	Nanofluidics for single-cell analysis. Chinese Chemical Letters, 2022, 33, 1752-1756.	9.0	16
18	Homogenous deposition of matrixâ€“analyte cocrystals on gold-nanobowl arrays for improving MALDI-MS signal reproducibility. Chemical Communications, 2019, 55, 2166-2169.	4.1	14

#	Article	IF	Citations
19	Radical-Triggered Chemiluminescence of Phenanthroline Derivatives: An Insight into Radicalâ€“Aromatic Interaction. ACS Omega, 2019, 4, 15004-15011.	3.5	13
20	A tumor microenvironment model coupled with a mass spectrometry system to probe the metabolism of drug-loaded nanoparticles. Chemical Communications, 2019, 55, 10218-10221.	4.1	12
21	Live imaging of cell membrane-localized MT1-MMP activity on a microfluidic chip. Chemical Communications, 2018, 54, 11435-11438.	4.1	10
22	Combination of nano-material enrichment and dead-end filtration for uniform and rapid sample preparation in matrix-assisted laser desorption/ionization mass spectrometry. Talanta, 2018, 181, 217-223.	5.5	9
23	3D microfluidic tumor models for biomimetic engineering of glioma niche and detection of cell morphology, migration and phenotype change. Talanta, 2021, 234, 122702.	5.5	9
24	Preparation and electrocatalytic properties of gold nanoparticles loaded carbon nanotubes. Chinese Chemical Letters, 2018, 29, 1633-1636.	9.0	5
25	Investigation of carbon deposition induced by pyrolytic decomposition of ethylene. RSC Advances, 2017, 7, 29639-29644.	3.6	2