

Yong Liang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Counting and Recognizing Single Bacterial Cells by a Lanthanide-Encoding Inductively Coupled Plasma Mass Spectrometric Approach. <i>Analytical Chemistry</i> , 2019, 91, 8341-8349.	6.5	37
2	Metabolism-Based Click-Mediated Platform for Specific Imaging and Quantification of Cell Surface Sialic Acids. <i>Analytical Chemistry</i> , 2017, 89, 538-543.	6.5	23
3	An ongoing path of element-labeling/tagging strategies toward quantitative bioanalysis using ICP-MS. <i>Applied Spectroscopy Reviews</i> , 2016, 51, 117-128.	6.7	18
4	Click Chemistry Mediated Eu-Tagging: Activity-Based Specific Quantification and Simultaneous Activity Evaluation of CYP3A4 Using ¹⁵³ Eu Species-Unspecific Isotope Dilution Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 3688-3692.	6.5	17
5	Viruslike Element-Tagged Nanoparticle Inductively Coupled Plasma Mass Spectrometry Signal Multiplier: Membrane Biomarker Mediated Cell Counting. <i>Analytical Chemistry</i> , 2019, 91, 4948-4952.	6.5	16
6	Connecting the Dots Between Hypercholesterolemia and Alzheimer's Disease: A Potential Mechanism Based on 27-Hydroxycholesterol. <i>Frontiers in Neuroscience</i> , 2022, 16, 842814.	2.8	15
7	A chemical hub for absolute quantification of a targeted protein: orthogonal integration of elemental and molecular mass spectrometry. <i>Chemical Communications</i> , 2014, 50, 6578-6581.	4.1	13
8	Inhibitory Covalent Labeling and Clickable-Eu-Tagging-Based ICPMS: Measurement of pH-Dependent Absolute Activities of the Cathepsins in Hepatocyte Lysosomes. <i>Analytical Chemistry</i> , 2019, 91, 7032-7038.	6.5	13
9	Quantification and visualization of glutathione S-transferase omega 1 in cells using inductively coupled plasma mass spectrometry (ICP-MS) and fluorescence microscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2373-2381.	3.7	12
10	Screening and verification of CYP3A4 inhibitors from Bushen-Yizhi formula to enhance the bioavailability of osthole in rat plasma. <i>Journal of Ethnopharmacology</i> , 2022, 282, 114643.	4.1	11
11	Single-cell fucosylation breakdown: Switching fucose to europium. <i>IScience</i> , 2021, 24, 102397.	4.1	4
12	Insights into oral bioavailability enhancement of therapeutic herbal constituents by cytochrome P450 3A inhibition. <i>Drug Metabolism Reviews</i> , 2021, 53, 1-17.	3.6	3
13	A Biochemical Lanthanide-Encoding Approach Enables Quantitative Monitoring of the Bacterial Response to Vancomycin Treatment. <i>Biochemistry</i> , 2020, 59, 3523-3528.	2.5	0