

Yiran Liang

List of Publications by Year in descending order

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11
papers

680
citations

933447

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h-index

1281871

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docs citations

12
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-Free Profiling of up to 200 Single-Cell Proteomes per Day Using a Dual-Column Nanoflow Liquid Chromatography Platform. <i>Analytical Chemistry</i> , 2022, 94, 6017-6025.	6.5	39
2	Ultrasensitive single-cell proteomics workflow identifies >1000 protein groups per mammalian cell. <i>Chemical Science</i> , 2021, 12, 1001-1006.	7.4	165
3	Adapting a Low-Cost and Open-Source Commercial Pipetting Robot for Nanoliter Liquid Handling. <i>SLAS Technology</i> , 2021, 26, 311-319.	1.9	17
4	Fully Automated Sample Processing and Analysis Workflow for Low-Input Proteome Profiling. <i>Analytical Chemistry</i> , 2021, 93, 1658-1666.	6.5	72
5	Cell-Type-Specific Proteomics Analysis of a Small Number of Plant Cells by Integrating Laser Capture Microdissection with a Nanodroplet Sample Processing Platform. <i>Current Protocols</i> , 2021, 1, e153.	2.9	17
6	In-Depth Mass Spectrometry-Based Single-Cell and Nanoscale Proteomics. <i>Methods in Molecular Biology</i> , 2021, 2185, 159-179.	0.9	6
7	Improved Single-Cell Proteome Coverage Using Narrow-Bore Packed NanoLC Columns and Ultrasensitive Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 2665-2671.	6.5	141
8	Benchtop-compatible sample processing workflow for proteome profiling of ≈ 100 mammalian cells. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4587-4596.	3.7	46
9	Spatially Resolved Proteome Mapping of Laser Capture Microdissected Tissue with Automated Sample Transfer to Nanodroplets. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1864-1874.	3.8	105
10	Nanowell-mediated two-dimensional liquid chromatography enables deep proteome profiling of ≈ 1000 mammalian cells. <i>Chemical Science</i> , 2018, 9, 6944-6951.	7.4	33
11	Spatially Resolved Proteome Profiling of ≈ 200 Cells from Tomato Fruit Pericarp by Integrating Laser-Capture Microdissection with Nanodroplet Sample Preparation. <i>Analytical Chemistry</i> , 2018, 90, 11106-11114.	6.5	31