

Jiangjiang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,274
citations

471509

17
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1754
citing authors

#	ARTICLE	IF	CITATIONS
1	Paper Spray for Direct Analysis of Complex Mixtures Using Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 877-880.	13.8	620
2	Development, Characterization, and Application of Paper Spray Ionization. <i>Analytical Chemistry</i> , 2010, 82, 2463-2471.	6.5	599
3	Leaf Spray: Direct Chemical Analysis of Plant Material and Living Plants by Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 7608-7613.	6.5	219
4	Quantitative paper spray mass spectrometry analysis of drugs of abuse. <i>Analyst, The</i> , 2013, 138, 4443.	3.5	116
5	Biological Tissue Diagnostics Using Needle Biopsy and Spray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 9221-9225.	6.5	83
6	Direct Mass Spectrometry Analysis of Biofluid Samples Using Slug-Flow Microextraction Nano-electrospray Ionization. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14124-14127.	13.8	81
7	Analysis of Biological Samples Using Paper Spray Mass Spectrometry: An Investigation of Impacts by the Substrates, Solvents and Elution Methods. <i>Chromatographia</i> , 2013, 76, 1339-1346.	1.3	75
8	Fabrication of Microwell Arrays Based on Two-Dimensional Ordered Polystyrene Microspheres for High-Throughput Single-Cell Analysis. <i>Analytical Chemistry</i> , 2010, 82, 9418-9424.	6.5	67
9	Controlled photopolymerization of hydrogel microstructures inside microchannels for bioassays. <i>Lab on A Chip</i> , 2009, 9, 1301.	6.0	48
10	A microfluidic approach for anticancer drug analysis based on hydrogel encapsulated tumor cells. <i>Analytica Chimica Acta</i> , 2010, 665, 7-14.	5.4	38
11	Enabling Quantitative Analysis in Ambient Ionization Mass Spectrometry: Internal Standard Coated Capillary Samplers. <i>Analytical Chemistry</i> , 2013, 85, 5632-5636.	6.5	35
12	Direct mass spectrometry analysis of untreated samples of ultralow amounts using extraction nano-electrospray. <i>Analytical Methods</i> , 2013, 5, 6686.	2.7	34
13	Development of miniature mass spectrometry systems for bioanalysis outside the conventional laboratories. <i>Bioanalysis</i> , 2014, 6, 1497-1508.	1.5	25
14	A simple microfluidic chlorine gas sensor based on gas-liquid chemiluminescence of luminol-chlorine system. <i>Analytica Chimica Acta</i> , 2008, 622, 143-149.	5.4	23
15	Mass spectrometry imaging for biomedical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5645-5653.	3.7	19
16	Measurements of Surface Tension of Organic Solvents Using a Simple Microfabricated Chip. <i>Analytical Chemistry</i> , 2007, 79, 371-377.	6.5	17
17	A microfluidic photolithography for controlled encapsulation of single cells inside hydrogel microstructures. <i>Science China Chemistry</i> , 2012, 55, 494-501.	8.2	13
18	Using a circular groove surrounded inlet to generate monodisperse droplets inside a microfluidic chip in a gravity-driven manner. <i>Journal of Micromechanics and Microengineering</i> , 2008, 18, 095014.	2.6	11

#	ARTICLE	IF	CITATIONS
19	A microchip to analyze single crystal growth and size-controllability. Science in China Series B: Chemistry, 2009, 52, 1014-1020.	0.8	3
20	Data Processing and Analysis for Mass Spectrometry Imaging. Methods in Molecular Biology, 2015, 1203, 195-209.	0.9	3
21	Inside Cover: Paper Spray for Direct Analysis of Complex Mixtures Using Mass Spectrometry (Angew.) Tj ETQq1 1 0.784314 rgBT /Over	13.8	1
22	Innentitelbild: Paper Spray for Direct Analysis of Complex Mixtures Using Mass Spectrometry (Angew.) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.9	0
23	Innenr¼cktitelbild: Direct Mass Spectrometry Analysis of Biofluid Samples Using Slug-Flow Microextraction Nano-Electrospray Ionization (Angew. Chem. 51/2014). Angewandte Chemie, 2014, 126, 14499-14499.	2.0	0