Josiane P P Lafleur

List of Publications by Year
in descending order

20	860	567281 15	752698 20
papers	citations	h-index	g-index

20	20	20	1560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in lab-on-a-chip for biosensing applications. Biosensors and Bioelectronics, 2016, 76, 213-233.	10.1	193
2	Recent advances in X-ray compatible microfluidics for applications in soft materials and life sciences. Lab on A Chip, 2016, 16, 4263-4295.	6.0	91
3	Gold nanoparticle-based optical microfluidic sensors for analysis of environmental pollutants. Lab on A Chip, 2012, 12, 4651.	6.0	81
4	Rapid and simple preparation of thiolâ€“ene emulsion-templated monoliths and their application as enzymatic microreactors. Lab on A Chip, 2015, 15, 2162-2172.	6.0	51
5	Rapid photochemical surface patterning of proteins in thiolâ€“ene based microfluidic devices. Analyst, The, 2013, 138, 845-849.	3.5	49
6	Speciation of Chromium by High-Performance Thin-Layer Chromatography with Direct Determination by Laser Ablation Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2008, 80, 6821-6823.	6.5	44
7	Miniaturised centrifugal solid phase extraction platforms for in-field sampling, pre-concentration and spectrometric detection of organic pollutants in aqueous samples. Talanta, 2010, 81, 722-726.	5.5	42
8	Thiol-ene Monolithic Pepsin Microreactor with a 3D-Printed Interface for Efficient UPLC-MS Peptide Mapping Analyses. Analytical Chemistry, 2017, 89, 4573-4580.	6.5	41
9	Fabrication and bonding of thiol-ene-based microfluidic devices. Journal of Micromechanics and Microengineering, 2013, 23, 037002.	2.6	40
10	Surface functionalized thiolâ€ene waveguides for fluorescence biosensing in microfluidic devices. Electrophoresis, 2014, 35, 282-288.	2.4	39
11	Pre-concentration of trace metals on centrifugal microfluidic discs with direct determination by laser ablation inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2009, 24, 1511.	3.0	36
12	Microfluidic Platform for the Continuous Production and Characterization of Multilamellar Vesicles: A Synchrotron Small-Angle X-ray Scattering (SAXS) Study. Journal of Physical Chemistry Letters, 2017, 8, 73-79.	4.6	34
13	Automated microfluidic sample-preparation platform for high-throughput structural investigation of proteins by small-angle X-ray scattering. Journal of Applied Crystallography, 2011, 44, 1090-1099.	4.5	31
14	Direct monitoring of calcium-triggered phase transitions in cubosomes using small-angle X-ray scattering combined with microfluidics. Journal of Applied Crystallography, 2016, 49, 2005-2014.	4.5	26
15	Induction heating-electrothermal vaporization for direct mercury analysis of a single human hair strand by inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2005, 20, 1315.	3.0	24
16	Roll-to-plate fabrication of microfluidic devices with rheology-modified thiol-ene resins. Journal of Micromechanics and Microengineering, 2016, 26, 075014.	2.6	11
17	An all thiolâ€“ene microchip for solid phase extraction featuring an in situ polymerized monolith and integrated 3D replica-molded emitter for direct electrospray mass spectrometry. Analytical Methods, 2018, 10, 2854-2862.	2.7	10
18	Induction heating-electrothermal vaporization for direct mercury determination in a single human hair by atomic fluorescence and atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2007, 22, 326.	3.0	8

#	Article	IF	Citations
19	On-a-chip tryptic digestion of transthyretin: a step toward an integrated microfluidic system for the follow-up of familial transthyretin amyloidosis. Analyst, The, 2018, 143, 1077-1086.	3.5	8
20	Fabrication of Biomolecule Microarrays Using Rapid Photochemical Surface Patterning in Thiolâ€“Ene-Based Microfluidic Devices. Methods in Molecular Biology, 2018, 1771, 171-182.	0.9	1