

# Josiane P P Lafleur

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

860  
citations

567281

15  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of Biomolecule Microarrays Using Rapid Photochemical Surface Patterning in Thiol-ene-Based Microfluidic Devices. <i>Methods in Molecular Biology</i> , 2018, 1771, 171-182.	0.9	1
2	On-a-chip tryptic digestion of transthyretin: a step toward an integrated microfluidic system for the follow-up of familial transthyretin amyloidosis. <i>Analyst</i> , The, 2018, 143, 1077-1086.	3.5	8
3	An all thiol-ene microchip for solid phase extraction featuring an <i>in situ</i> polymerized monolith and integrated 3D replica-molded emitter for direct electrospray mass spectrometry. <i>Analytical Methods</i> , 2018, 10, 2854-2862.	2.7	10
4	Thiol-ene Monolithic Pepsin Microreactor with a 3D-Printed Interface for Efficient UPLC-MS Peptide Mapping Analyses. <i>Analytical Chemistry</i> , 2017, 89, 4573-4580.	6.5	41
5	Microfluidic Platform for the Continuous Production and Characterization of Multilamellar Vesicles: A Synchrotron Small-Angle X-ray Scattering (SAXS) Study. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 73-79.	4.6	34
6	Roll-to-plate fabrication of microfluidic devices with rheology-modified thiol-ene resins. <i>Journal of Micromechanics and Microengineering</i> , 2016, 26, 075014.	2.6	11
7	Direct monitoring of calcium-triggered phase transitions in cubosomes using small-angle X-ray scattering combined with microfluidics. <i>Journal of Applied Crystallography</i> , 2016, 49, 2005-2014.	4.5	26
8	Recent advances in X-ray compatible microfluidics for applications in soft materials and life sciences. <i>Lab on A Chip</i> , 2016, 16, 4263-4295.	6.0	91
9	Recent advances in lab-on-a-chip for biosensing applications. <i>Biosensors and Bioelectronics</i> , 2016, 76, 213-233.	10.1	193
10	Rapid and simple preparation of thiol-ene emulsion-templated monoliths and their application as enzymatic microreactors. <i>Lab on A Chip</i> , 2015, 15, 2162-2172.	6.0	51
11	Surface functionalized thiol-ene waveguides for fluorescence biosensing in microfluidic devices. <i>Electrophoresis</i> , 2014, 35, 282-288.	2.4	39
12	Rapid photochemical surface patterning of proteins in thiol-ene based microfluidic devices. <i>Analyst</i> , The, 2013, 138, 845-849.	3.5	49
13	Fabrication and bonding of thiol-ene-based microfluidic devices. <i>Journal of Micromechanics and Microengineering</i> , 2013, 23, 037002.	2.6	40
14	Gold nanoparticle-based optical microfluidic sensors for analysis of environmental pollutants. <i>Lab on A Chip</i> , 2012, 12, 4651.	6.0	81
15	Automated microfluidic sample-preparation platform for high-throughput structural investigation of proteins by small-angle X-ray scattering. <i>Journal of Applied Crystallography</i> , 2011, 44, 1090-1099.	4.5	31
16	Miniaturised centrifugal solid phase extraction platforms for in-field sampling, pre-concentration and spectrometric detection of organic pollutants in aqueous samples. <i>Talanta</i> , 2010, 81, 722-726.	5.5	42
17	Pre-concentration of trace metals on centrifugal microfluidic discs with direct determination by laser ablation inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1511.	3.0	36
18	Speciation of Chromium by High-Performance Thin-Layer Chromatography with Direct Determination by Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2008, 80, 6821-6823.	6.5	44

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19	Induction heating-electrothermal vaporization for direct mercury determination in a single human hair by atomic fluorescence and atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 326.	3.0	8
20	Induction heating-electrothermal vaporization for direct mercury analysis of a single human hair strand by inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 1315.	3.0	24