Mary Amasia

List of Publications by Year
in descending order

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9 papers	1,026 citations	1040056 9 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	1271 citing authors

#	Article	IF	Citations
1	Centrifugal microfluidics for biomedical applications. Lab on A Chip, 2010, 10, 1758.	6.0	617
2	Centrifugal microfluidic platform for rapid PCR amplification using integrated thermoelectric heating and ice-valving. Sensors and Actuators B: Chemical, 2012, 161, 1191-1197.	7.8	102
3	Large-volume centrifugal microfluidic device for blood plasma separation. Bioanalysis, 2010, 2, 1701-1710.	1.5	93
4	Flow-enhanced electrochemical immunosensors on centrifugal microfluidic platforms. Lab on A Chip, 2013, 13, 3747.	6.0	69
5	Lab-on-DVD: standard DVD drives as a novel laser scanning microscope for image based point of care diagnostics. Lab on A Chip, 2013, 13, 1578.	6.0	53
6	Isothermal solid-phase recombinase polymerase amplification on microfluidic digital versatile discs (DVDs). RSC Advances, 2015, 5, 29987-29995.	3.6	37
7	Numerical modeling and experimental validation of uniform microchamber filling in centrifugal microfluidics. Lab on A Chip, 2010, 10, 876.	6.0	31
8	Serum complement enhances the responses of genotoxin- and oxidative stress-sensitive Escherichia coli bioreporters. Biosensors and Bioelectronics, 2013, 46, 175-182.	10.1	12
9	Experimental validation of numerical study on thermoelectric-based heating in an integrated centrifugal microfluidic platform for polymerase chain reaction amplification. Biomicrofluidics, 2013, 7, 14106.	2.4	12