Bingwen Yu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11211800/publications.pdf

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15	396	1163117 8	1058476 14
papers	citations	h-index	g-index

15	15	15	518
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-priming compartmentalization digital LAMP for point-of-care. Lab on A Chip, 2012, 12, 4755.	6.0	123
2	Digital PCR on an integrated self-priming compartmentalization chip. Lab on A Chip, 2014, 14, 1176-1185.	6.0	117
3	A scalable self-priming fractal branching microchannel net chip for digital PCR. Lab on A Chip, 2017, 17, 1655-1665.	6.0	59
4	A nanoliter self-priming compartmentalization chip for point-of-care digital PCR analysis. Biomedical Microdevices, 2015, 17, 64.	2.8	22
5	An integrated microfluidic system for bovine DNA purification and digital PCR detection. Analytical Biochemistry, 2015, 491, 55-57.	2.4	16
6	A localized temporary negative pressure assisted microfluidic device for detecting keratin 19 in A549 lung carcinoma cells with digital PCR. Analytical Methods, 2015, 7, 2006-2011.	2.7	15
7	High-speed photographic analysis of microwave plasma torch source behaviour. Journal of Analytical Atomic Spectrometry, 2016, 31, 759-766.	3.0	12
8	Development of particle swarm optimizationâ€“support vector regression (<scp>PSOâ€SVR</scp>) coupled with microwave plasma torchâ€“atomic emission spectrometry for quality control of ginsengs. Journal of Chemometrics, 2017, 31, e2862.	1.3	9
9	Support vector machine classification for determination of geographical origin of Chinese ginseng using microwave plasma torch-atomic emission spectrometry. Analytical Methods, 2016, 8, 5079-5086.	2.7	8
10	Development of a novel kilowatt microwave plasma torch source for atomic emission spectrometry. Chemical Research in Chinese Universities, 2017, 33, 709-713.	2.6	4
11	A nanoliter self-priming compartmentalization chip for point-of-care digital PCR analysis. Biomedical Microdevices, 2015, 17, 9970.	2.8	4
12	Electromagnetic properties of a new microwave plasma torch with double resonance configuration. Chemical Research in Chinese Universities, 2016, 32, 549-555.	2.6	3
13	Feasibility of peak volume algorithm in electrothermal vaporization microwave plasma atomic emission spectrometry. Journal of Chemometrics, 2018, 32, e3027.	1.3	2
14	Structure and fabrication details of an integrated modularized microfluidic system. Data in Brief, 2015, 5, 461-467.	1.0	1
15	Investigation of self-ignition characteristics of the microwave plasma torch. Journal of Analytical Atomic Spectrometry, 2017, 32, 1595-1600.	3.0	1