

Bingwen Yu

List of Publications by Year in descending order

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15
papers

396
citations

1163117

8
h-index

1058476

14
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15
all docs

15
docs citations

15
times ranked

518
citing authors

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