Jian Gao

List of Publications by Year in descending order

13 papers	719 citations	1040056 9 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	1125 citing authors

#	Article	IF	Citations
1	Nanotube assisted microwave electroporation for single cell pathogen identification and antimicrobial susceptibility testing. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 17, 246-253.	3.3	21
2	A Multiplex Electrochemical Biosensor for Bloodstream Infection Diagnosis. SLAS Technology, 2017, 22, 466-474.	1.9	34
3	Sensitive SERS detection of lead ions via DNAzyme based quadratic signal amplification. Talanta, 2017, 171, 185-189.	5.5	25
4	Electrokinetic Separation of Polystyrene Microspheres in Conductive Media on a Microfluidic Chip. Chinese Journal of Analytical Chemistry, 2015, 43, 176-180.	1.7	2
5	A sensitive SERS detection of miRNA using a label-free multifunctional probe. Chemical Communications, 2015, 51, 16836-16839.	4.1	52
6	Structure Studies on Order Assemblage of CadmiumII Complexes. , 2015, , .		2
7	Single Cell Antimicrobial Susceptibility Testing by Confined Microchannels and Electrokinetic Loading. Analytical Chemistry, 2013, 85, 3971-3976.	6.5	91
8	Electrokinetic focusing and separation of mammalian cells in conductive biological fluids. Analyst, The, 2012, 137, 5215.	3.5	41
9	A Hybrid Electrokinetic-Microfluidic Chip for Isolating CTCs in Physiological Sample. , 2012, , .		0
10	Hybrid electrokinetic manipulation in high-conductivity media. Lab on A Chip, 2011, 11, 1770.	6.0	88
11	System Integration - A Major Step toward Lab on a Chip. Journal of Biological Engineering, 2011, 5, 6.	4.7	76
12	Micro-Total-Analysis Systems Based on a Laser Valve for Single Cells Auto Injection and Analysis. , 2011, , .		0
13	Integration of single cell injection, cell lysis, separation and detection of intracellular constituents on a microfluidic chipElectronic supplementary information (ESI) available: Video showing a single erythrocyte transported through the microchannel, docking (adhering) at a particular point and then being lysed. See http://www.rsc.org/suppdata/lc/b3/b310552k/. Lab on A Chip, 2004, 4, 47.	6.0	287