

Jian Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11371634/publications.pdf>

Version: 2024-02-01

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	Integration of single cell injection, cell lysis, separation and detection of intracellular constituents on a microfluidic chip Electronic 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
2	Single Cell Antimicrobial Susceptibility Testing by Confined Microchannels and Electrokinetic Loading. Analytical Chemistry, 2013, 85, 3971-3976.	6.5	91
3	Hybrid electrokinetic manipulation in high-conductivity media. Lab on A Chip, 2011, 11, 1770.	6.0	88
4	System Integration - A Major Step toward Lab on a Chip. Journal of Biological Engineering, 2011, 5, 6.	4.7	76
5	A sensitive SERS detection of miRNA using a label-free multifunctional probe. Chemical Communications, 2015, 51, 16836-16839.	4.1	52
6	Electrokinetic focusing and separation of mammalian cells in conductive biological fluids. Analyst, The, 2012, 137, 5215.	3.5	41
7	A Multiplex Electrochemical Biosensor for Bloodstream Infection Diagnosis. SLAS Technology, 2017, 22, 466-474.	1.9	34
8	Sensitive SERS detection of lead ions via DNAzyme based quadratic signal amplification. Talanta, 2017, 171, 185-189.	5.5	25
9	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
10	Electrokinetic Separation of Polystyrene Microspheres in Conductive Media on a Microfluidic Chip. Chinese Journal of Analytical Chemistry, 2015, 43, 176-180.	1.7	2
11	Structure Studies on Order Assemblage of CadmiumII Complexes. , 2015, , .		2
12	Micro-Total-Analysis Systems Based on a Laser Valve for Single Cells Auto Injection and Analysis. , 2011, , .		0
13	A Hybrid Electrokinetic-Microfluidic Chip for Isolating CTCs in Physiological Sample. , 2012, , .		0