

Shady Gawad

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

1,489
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Single cell dielectric spectroscopy. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 61-70.	2.8	365
2	Impedance spectroscopy flow cytometry: On-chip label-free cell differentiation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2005, 65A, 124-132.	1.5	348
3	Dielectric spectroscopy in a micromachined flow cytometer: theoretical and practical considerations. <i>Lab on A Chip</i> , 2004, 4, 241.	6.0	284
4	Dielectric spectroscopy of single cells: time domain analysis using Maxwell's mixture equation. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 1-8.	2.8	122
5	High speed multi-frequency impedance analysis of single particles in a microfluidic cytometer using maximum length sequences. <i>Lab on A Chip</i> , 2007, 7, 1034.	6.0	107
6	Cell immersion and cell dipping in microfluidic devices Electronic supplementary information (ESI) available: cell dipping video sequence from which Fig. 7 was extracted and cell dipping video sequence with close-ups. See http://www.rsc.org/suppdata/lc/b3/b311210a/ . <i>Lab on A Chip</i> , 2004, 4, 148.	6.0	81
7	Broadband single cell impedance spectroscopy using maximum length sequences: theoretical analysis and practical considerations. <i>Measurement Science and Technology</i> , 2007, 18, 2859-2868.	2.6	75
8	Impedance spectroscopy using maximum length sequences: Application to single cell analysis. <i>Review of Scientific Instruments</i> , 2007, 78, 054301.	1.3	50
9	The Application of Microfluidics in Biology. <i>Methods in Molecular Biology</i> , 2010, 583, 55-80.	0.9	48
10	Impedance Spectroscopy and Optical Analysis of Single Biological Cells and Organisms in Microsystems. <i>Methods in Molecular Biology</i> , 2010, 583, 149-182.	0.9	9