

Benjamin G Hawkins

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8325009/benjamin-g-hawkins-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

527

citations

7

h-index

9

g-index

9

ext. papers

580

ext. citations

4.6

avg, IF

3.45

L-index

#	Paper	IF	Citations
8	Rare Cell Capture in Microfluidic Devices. <i>Chemical Engineering Science</i> , 2011 , 66, 1508-1522	4.4	153
7	Continuous-flow particle separation by 3D Insulative dielectrophoresis using coherently shaped, dc-biased, ac electric fields. <i>Analytical Chemistry</i> , 2007 , 79, 7291-300	7.8	138
6	Microfluidic devices for terahertz spectroscopy of biomolecules. <i>Optics Express</i> , 2008 , 16, 1577-82	3.3	85
5	Electrothermal flow effects in insulating (electrodeless) dielectrophoresis systems. <i>Electrophoresis</i> , 2010 , 31, 3622-33	3.6	78
4	Automated dielectrophoretic characterization of <i>Mycobacterium smegmatis</i> . <i>Analytical Chemistry</i> , 2011 , 83, 3507-15	7.8	41
3	Characterization of silver nanoparticle-infused tissue adhesive for ophthalmic use. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015 , 55, 67-74	4.1	12
2	Characterization of a hybrid dielectrophoresis and immunocapture microfluidic system for cancer cell capture. <i>Electrophoresis</i> , 2013 , 34, 2970-9	3.6	12
1	High-Sensitivity in Dielectrophoresis Separations. <i>Micromachines</i> , 2020 , 11,	3.3	3