

Benjamin G Hawkins

List of Publications by Year in Descending Order

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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	High-Sensitivity in Dielectrophoresis Separations. <i>Micromachines</i> , 2020 , 11,	3.3	3
7	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
6	Characterization of a hybrid dielectrophoresis and immunocapture microfluidic system for cancer cell capture. <i>Electrophoresis</i> , 2013 , 34, 2970-9	3.6	12
5	Rare Cell Capture in Microfluidic Devices. <i>Chemical Engineering Science</i> , 2011 , 66, 1508-1522	4.4	153
4	Automated dielectrophoretic characterization of Mycobacterium smegmatis. <i>Analytical Chemistry</i> , 2011 , 83, 3507-15	7.8	41
3	Electrothermal flow effects in insulating (electrodeless) dielectrophoresis systems. <i>Electrophoresis</i> , 2010 , 31, 3622-33	3.6	78
2	Microfluidic devices for terahertz spectroscopy of biomolecules. <i>Optics Express</i> , 2008 , 16, 1577-82	3.3	85
1	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