

Javier Atencia

List of Publications by Year in descending order

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14
papers

1,285
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative analysis of chemotaxis towards toluene by <i>Pseudomonas putida</i> in a convection-free microfluidic device. <i>Biotechnology and Bioengineering</i> , 2015, 112, 896-904.	3.3	35
2	Lab-on-Chip Clinorotation System for Live-Cell Microscopy Under Simulated Microgravity. <i>Cellular and Molecular Bioengineering</i> , 2014, 7, 165-170.	2.1	4
3	Pneumatic valves in folded 2D and 3D fluidic devices made from plastic films and tapes. <i>Lab on A Chip</i> , 2014, 14, 1665-1668.	6.0	28
4	Research Spotlight: Measurement and validation of cell-based assays with microfluidics at the National Institute of Standards and Technology. <i>Bioanalysis</i> , 2012, 4, 1849-1854.	1.5	1
5	A robust diffusion-based gradient generator for dynamic cell assays. <i>Lab on A Chip</i> , 2012, 12, 309-316.	6.0	60
6	Magnetic connectors for microfluidic applications. <i>Lab on A Chip</i> , 2010, 10, 246-249.	6.0	43
7	The microfluidic palette: A diffusive gradient generator with spatio-temporal control. <i>Lab on A Chip</i> , 2009, 9, 2707.	6.0	121
8	A vacuum manifold for rapid world-to-chip connectivity of complex PDMS microdevices. <i>Lab on A Chip</i> , 2009, 9, 1298.	6.0	26
9	Using pattern homogenization of binary grayscale masks to fabricate microfluidic structures with 3D topography. <i>Lab on A Chip</i> , 2007, 7, 1567.	6.0	24
10	Steady flow generation in microcirculatory systems. <i>Lab on A Chip</i> , 2006, 6, 567.	6.0	31
11	Capillary inserts in microcirculatory systems. <i>Lab on A Chip</i> , 2006, 6, 575.	6.0	7
12	Controlled microfluidic interfaces. <i>Nature</i> , 2005, 437, 648-655.	27.8	856
13	Minimization of Cogging Force in Flat Permanent Magnet Linear Motors. <i>IEEJ Transactions on Industry Applications</i> , 2005, 125, 456-460.	0.2	2
14	Magnetically-driven biomimetic micro pumping using vortices. <i>Lab on A Chip</i> , 2004, 4, 598.	6.0	47