

Katherine J Humphry

List of Publications by Year in descending order

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9
papers

2,408
citations

1163117
8
h-index

1474206
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g-index

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all docs

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docs citations

9
times ranked

3045
citing authors

#	ARTICLE	IF	CITATIONS
1	Droplet-Based Microfluidic Platforms for the Encapsulation and Screening of Mammalian Cells and Multicellular Organisms. <i>Chemistry and Biology</i> , 2008, 15, 427-437.	6.0	620
2	Biocompatible surfactants for water-in-fluorocarbon emulsions. <i>Lab on A Chip</i> , 2008, 8, 1632.	6.0	589
3	Controlled encapsulation of single-cells into monodisperse picolitre drops. <i>Lab on A Chip</i> , 2008, 8, 1262.	6.0	444
4	Particle Segregation and Dynamics in Confined Flows. <i>Physical Review Letters</i> , 2009, 102, 094503.	7.8	431
5	Axial and lateral particle ordering in finite Reynolds number channel flows. <i>Physics of Fluids</i> , 2010, 22, .	4.0	121
6	Microwave dielectric heating of drops in microfluidic devices. <i>Lab on A Chip</i> , 2009, 9, 1701.	6.0	86
7	Suppression of instabilities in multiphase flow by geometric confinement. <i>Physical Review E</i> , 2009, 79, 056310.	2.1	67
8	Nucleation and solidification in static arrays of monodisperse drops. <i>Lab on A Chip</i> , 2009, 9, 1859.	6.0	49
9	Effect of atomic disorder on transport through magnetic tunnel junctions. <i>Journal of Applied Physics</i> , 2003, 93, 7522-7524.	2.5	1