

Elliot J Smith

List of Publications by Year in descending order

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10
papers

619
citations

1040056

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1281871

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docs citations

11
times ranked

803
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Controlled Propulsion of Catalytic Microengines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10875-10878.	13.8	145
2	Lab-in-a-Tube: Detection of Individual Mouse Cells for Analysis in Flexible Split-Wall Microtube Resonator Sensors. <i>Nano Letters</i> , 2011, 11, 4037-4042.	9.1	106
3	Combined Surface Plasmon and Classical Waveguiding through Metamaterial Fiber Design. <i>Nano Letters</i> , 2010, 10, 1-5.	9.1	103
4	Lab-in-a-tube: ultracompact components for on-chip capture and detection of individual micro-/nanoorganisms. <i>Lab on A Chip</i> , 2012, 12, 1917.	6.0	88
5	Magnetic Microhelix Coil Structures. <i>Physical Review Letters</i> , 2011, 107, 097204.	7.8	82
6	Polymer delamination: towards unique three-dimensional microstructures. <i>Soft Matter</i> , 2011, 7, 11309.	2.7	29
7	Local-Illuminated Ultrathin Silicon Nanomembranes with Photovoltaic Effect and Negative Transconductance. <i>Advanced Materials</i> , 2010, 22, 3667-3671.	21.0	18
8	Dynamics of radial-magnetized microhelix coils. <i>Physical Review B</i> , 2011, 84, .	3.2	15
9	Asymmetric drag in oscillatory motion: Ratchet effect without an asymmetric potential. <i>Physical Review E</i> , 2013, 87, 052122.	2.1	6
10	Optical components for lab-in-a-tube systems. <i>Proceedings of SPIE</i> , 2011, , .	0.8	2