

# Elliot J Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11657103/publications.pdf>

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10  
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citations

1040056

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1281871

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docs citations

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803  
citing authors

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