

# Erik S Hamilton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1692374/publications.pdf>

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10  
papers

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1937685

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1872680

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g-index

10  
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docs citations

10  
times ranked

28  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct macro-to-micro interface method for microfluidics. Journal of Micromechanics and Microengineering, 2020, 30, 057001.	2.6	4
2	3D Hydrodynamic Focusing in Microscale Optofluidic Channels Formed with a Single Sacrificial Layer. Micromachines, 2020, 11, 349.	2.9	11
3	Enhanced Detection of Single Viruses On-Chip via Hydrodynamic Focusing. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-6.	2.9	12
4	3D hydrodynamic focusing in microscale channels formed with two photoresist layers. Microfluidics and Nanofluidics, 2019, 23, 1.	2.2	9
5	Three-Dimensional Hydrodynamic Focusing Designs for Integrated Optofluidic Detection Enhancement. , 2019, , .		0
6	3D Hydrodynamic Focusing for Optofluidics Using a Stacked Channel Design. , 2018, , .		2
7	Antireflective light-blocking layers using a liquid top matte coating. Journal of Micro/Nanolithography, MEMS, and MOEMS, 2018, 17, 1.	0.9	0
8	Mitigating Water Absorption in Waveguides Made From Unannealed PECVD SiO <sub>2</sub> . IEEE Photonics Technology Letters, 2017, 29, 806-809.	2.5	7
9	Optimization of Y-splitting antiresonant reflecting optical waveguides-based rib waveguides. Optical Engineering, 2016, 55, 100505.	1.0	1
10	Silicate overcoat layers for the improvement of PECVD SiO <sub>2</sub> optofluidic waveguides. , 2015, , .		1