

Erik S Hamilton

List of Publications by Year in descending order

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10
papers

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citations

1937685

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1872680

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g-index

10
all docs

10
docs citations

10
times ranked

28
citing authors

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