

Vahid Ganjalizadeh

List of Publications by Year in descending order

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13
papers

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1478505

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1588992

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64
citing authors

#	ARTICLE	IF	CITATIONS
1	Optofluidic Lab-on-a-Chip Fluorescence Sensor Using Integrated Buried ARROW (bARROW) Waveguides. <i>Micromachines</i> , 2017, 8, 252.	2.9	13
2	Fast custom wavelet analysis technique for single molecule detection and identification. <i>Nature Communications</i> , 2022, 13, 1035.	12.8	13
3	Multi-channel velocity multiplexing of single virus detection on an optofluidic chip. <i>Optics Letters</i> , 2018, 43, 4425.	3.3	11
4	3D Hydrodynamic Focusing in Microscale Optofluidic Channels Formed with a Single Sacrificial Layer. <i>Micromachines</i> , 2020, 11, 349.	2.9	11
5	Optimized ARROW-Based MMI Waveguides for High Fidelity Excitation Patterns for Optofluidic Multiplexing. <i>IEEE Journal of Quantum Electronics</i> , 2018, 54, 1-7.	1.9	10
6	3D hydrodynamic focusing in microscale channels formed with two photoresist layers. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	2.2	9
7	Free-Space Excitation of Optofluidic Devices for Pattern-Based Single Particle Detection. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 884-887.	2.5	3
8	Design, analysis and optimization of a novel capacitive pressure sensor based on vertical comb-grid configuration. , 2014, , .		2
9	Buried Rib SiO ₂ Multimode Interference Waveguides for Optofluidic Multiplexing. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1487-1490.	2.5	2
10	A novel pressure sensor based on optofluidic micro-ring resonator. , 2014, , .		0
11	High fidelity MMI-based multi-spot excitation for optofluidic multiplexing. , 2017, , .		0
12	Three-Dimensional Hydrodynamic Focusing Designs for Integrated Optofluidic Detection Enhancement. , 2019, , .		0
13	High Fidelity MMI Excitation Patterns for Optofluidic Multiplexing. , 2018, , .		0