

Yoav Linzon

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

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1684188
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1474206
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16
all docs

16
docs citations

16
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermochemical hydrolysis of macroalgae Ulva for biorefinery: Taguchi robust design method. Scientific Reports, 2016, 6, 27761.	3.3	22
2	Complex Fiber Micro-Knots. Sensors, 2018, 18, 1273.	3.8	15
3	Dynamical range and stability enhancement in electrically fused microknot optical resonators. Applied Optics, 2017, 56, 5726.	1.8	15
4	Liquid Mass Sensing Using Resonating Microplates under Harsh Drop and Spray Conditions. Research Letters in Physics, 2014, 2014, 1-8.	0.2	13
5	Fused Microknot Optical Resonators in Folded Photonic Tapers for in-Liquid Durable Sensing. Sensors, 2018, 18, 1352.	3.8	8
6	Vapor Sensing with Polymer Coated Straight Optical Fiber Microtapers Based on Index Sensitive Interference Spectroscopy of Surface Stress Birefringence. Sensors, 2020, 20, 2675.	3.8	5
7	In-liquid durable sensing with fused microknot optical transmission resonators: Folded versus straight configuration on hydrophilic and hydrophobic substrates. Sensors and Actuators A: Physical, 2019, 288, 21-26.	4.1	4
8	Optimizing contact area geometry and taper composition in microknot resonators. Journal of Applied Physics, 2019, 125, 233103.	2.5	3
9	Effect of localized doping in microknot fiber resonators for resonance-shift based sensing. Optics Communications, 2021, 490, 126931.	2.1	2
10	Liquid mass sensing of glucose in solution with resonating microplates. , 2015, , .		0
11	Dynamical range and stability enhancement in electrically fused microknot optical resonators. , 2017, , .		0
12	Dynamical range and stability enhancement in electrically fused microknot optical resonators. , 2017, , .		0
13	Stress Distribution Profile Imaging With Spectral Fabry-Perot Interferometry in Thin Layer Substrates for Surface Micromachining. Micromachines, 2017, 8, 294.	2.9	0
14	Towards Versatile Folded Microfibers: Folded versus Straight Configuration on Hydrophilic and Hydrophobic Substrates. , 2019, , .		0
15	Towards Versatile Folded Microfibers: Folded versus Straight Configuration on Hydrophilic and Hydrophobic Substrates. , 2019, , .		0
16	Towards Versatile Folded Microfibers: Folded Versus Straight Configuration on Hydrophilic and Hydrophobic Substrates. , 2019, , .		0