

Mustafa Tahsin GÃœeler

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

291
citations

1040056

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1125743

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docs citations

14
times ranked

380
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid fabrication of microfluidic PDMS devices from reusable PDMS molds using laser ablation. <i>Journal of Micromechanics and Microengineering</i> , 2016, 26, 035008.	2.6	70
2	A versatile plug microvalve for microfluidic applications. <i>Sensors and Actuators A: Physical</i> , 2017, 265, 224-230.	4.1	35
3	Assessment of PMMA and polystyrene based microfluidic chips fabricated using CO2 laser machining. <i>Applied Surface Science</i> , 2020, 534, 147642.	6.1	34
4	Impedance-based viscoelastic flow cytometry. <i>Electrophoresis</i> , 2019, 40, 906-913.	2.4	29
5	Capacitive detection of single bacterium from drinking water with a detailed investigation of electrical flow cytometry. <i>Sensors and Actuators A: Physical</i> , 2018, 269, 454-463.	4.1	23
6	Focusing-free impedimetric differentiation of red blood cells and leukemia cells: A system optimization. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127531.	7.8	21
7	Self-powered disposable prothrombin time measurement device with an integrated effervescent pump. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 350-357.	7.8	19
8	Capacitive solvent sensing with interdigitated microelectrodes. <i>Microsystem Technologies</i> , 2016, 22, 659-668.	2.0	15
9	Tape-roll inertial microfluidics. <i>Sensors and Actuators A: Physical</i> , 2019, 299, 111630.	4.1	15
10	A simple approach for the fabrication of 3D microelectrodes for impedimetric sensing. <i>Journal of Micromechanics and Microengineering</i> , 2015, 25, 095019.	2.6	10
11	Alternative screening method for analyzing the water samples through an electrical microfluidics chip with classical microbiological assay comparison of <i>P. aeruginosa</i> . <i>Talanta</i> , 2020, 219, 121293.	5.5	7
12	Fabricating plasma bonded microfluidic chips by CO2 laser machining of PDMS by the application of viscoelastic particle focusing and droplet generation. <i>Journal of Manufacturing Processes</i> , 2022, 73, 260-268.	5.9	7
13	Definition and detection of simulation noise via imaginary simulated particles in comparison with an electrical microfluidic chip noise. <i>Microsystem Technologies</i> , 2021, 27, 2075-2089.	2.0	1