Mustafa Tahsin GÃœler

List of Publications by Year
in descending order

13	291	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	380
all docs	docs citations	times ranked	citing authors

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