

Ender Yildirim

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

291
citations

759233

12
h-index

888059

17
g-index

24
all docs

24
docs citations

24
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	A capillary driven microfluidic chip for SERS based hCG detection. Biosensors and Bioelectronics, 2022, 195, 113660.	10.1	35
2	Development of a microfluidic platform to maintain viability of micro-dissected tumor slices in culture. Biomicrofluidics, 2022, 16, 034103.	2.4	1
3	Flow rate-controlled pipetting for microfluidics: second-generation flexible hydraulic reservoir (FHRv2). Microfluidics and Nanofluidics, 2021, 25, 1.	2.2	3
4	A microfluidic device enabling drug resistance analysis of leukemia cells via coupled dielectrophoretic detection and impedimetric counting. Scientific Reports, 2021, 11, 13193.	3.3	4
5	Investigation of process-affected zone in ultrasonic embossing of microchannels on thermoplastic substrates. Journal of Manufacturing Processes, 2020, 50, 394-402.	5.9	10
6	Multiplex enumeration of <i>Escherichia coli</i> and <i>Salmonella enteritidis</i> in a passive capillary microfluidic chip. Analytical Methods, 2020, 12, 3788-3796.	2.7	12
7	Modeling and fabrication of electrostatically actuated diaphragms for on-chip valving of MEMS-compatible microfluidic systems. Journal of Micromechanics and Microengineering, 2020, 30, 115001.	2.6	12
8	A Novel Microfluidic Method Utilizing a Hydrofoil Structure to Improve Circulating Tumor Cell Enrichment: Design and Analytical Validation. Micromachines, 2020, 11, 981.	2.9	4
9	Lab on a chip: A versatile integration with spectroscopic techniques. , 2020, , 139-152.		0
10	Low-Cost Microfabrication Tool Box. Micromachines, 2020, 11, 135.	2.9	12
11	Fast fluorometric enumeration of E. coli using passive chip. Journal of Microbiological Methods, 2019, 164, 105680.	1.6	13
12	Numerical study on effects of computational domain length on flow field in standing wave thermoacoustic couple. Cryogenics, 2019, 98, 139-147.	1.7	11
13	SERS-based ultrafast and sensitive detection of luteinizing hormone in human serum using a passive microchip. Sensors and Actuators B: Chemical, 2018, 269, 314-321.	7.8	20
14	A novel zero-dead-volume sample loading interface for microfluidic devices: flexible hydraulic reservoir (FHR). Journal of Micromechanics and Microengineering, 2018, 28, 097001.	2.6	4
15	Implementation and characterization of an absorption filter for on-chip fluorescent imaging. Sensors and Actuators B: Chemical, 2017, 242, 318-323.	7.8	9
16	Analysis and testing of a contraction-and-expansion micromixer for micromilled microfluidics. Microsystem Technologies, 2017, 23, 4797-4804.	2.0	4
17	Investigation on replication of microfluidic channels by hot embossing. Materials and Manufacturing Processes, 2017, 32, 1838-1844.	4.7	22
18	Fluorescent on-chip imager by using a tunable absorption filter. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Phaseguides as tunable passive microvalves for liquid routing in complex microfluidic networks. Lab on A Chip, 2014, 14, 3334.	6.0	24
20	Phaseguide assisted liquid lamination for magnetic particle-based assays. Lab on A Chip, 2014, 14, 2334-2343.	6.0	20
21	A normally closed electrostatic parylene microvalve for micro total analysis systems. Sensors and Actuators A: Physical, 2012, 181, 81-86.	4.1	41
22	Electrostatic energy harvesting by droplet-based multi-phase microfluidics. Microfluidics and Nanofluidics, 2012, 13, 107-111.	2.2	17
23	An electrostatically actuated parylene microvalve for lab-on-a-chip applications. , 2011, , .		1
24	Analysis and characterization of an electrostatically actuated in-plane parylene microvalve. Journal of Micromechanics and Microengineering, 2011, 21, 105009.	2.6	12