

Ayoola T Brimmo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

277
citations

1040056

9
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated adipose-tissue-on-chip nanoplasmonic biosensing platform for investigating obesity-associated inflammation. <i>Lab on A Chip</i> , 2018, 18, 3550-3560.	6.0	68
2	Sustainable energy development in Nigeria: Wind, hydropower, geothermal and nuclear (Vol. 1). <i>Renewable and Sustainable Energy Reviews</i> , 2017, 74, 474-490.	16.4	39
3	3D Printed Microfluidic Probes. <i>Scientific Reports</i> , 2018, 8, 10995.	3.3	35
4	Stagnation point flows in analytical chemistry and life sciences. <i>RSC Advances</i> , 2017, 7, 51206-51232.	3.6	33
5	Recent Advances and Perspectives in Microfluidicsâ€Based Singleâ€Cell Biosensing Techniques. <i>Small Methods</i> , 2017, 1, 1700192.	8.6	18
6	Microelectrofluidic probe for sequential cell separation and patterning. <i>Lab on A Chip</i> , 2019, 19, 4052-4063.	6.0	18
7	Herringbone Microfluidic Probe for Multiplexed Affinityâ€Capture of Prostate Circulating Tumor Cells. <i>Advanced Materials Technologies</i> , 2021, 6, 2100053.	5.8	17
8	Microfluidic Probes and Quadrupoles: A new era of open microfluidics. <i>IEEE Nanotechnology Magazine</i> , 2017, 11, 20-31.	1.3	15
9	A new vacuum membrane distillation system using an aspirator: concept modeling and optimization. <i>Desalination and Water Treatment</i> , 2016, 57, 12915-12928.	1.0	9
10	Noncontact Multiphysics Probe for Spatiotemporal Resolved Singleâ€Cell Manipulation and Analyses. <i>Small</i> , 2021, 17, 2100801.	10.0	9
11	Transient heat transfer computational model for the stopped aluminium reduction pot â€ Cooling techniques evaluation. <i>Applied Thermal Engineering</i> , 2014, 73, 116-127.	6.0	7
12	Modeling In-Cylinder Water Injection in a 2-Stroke Internal Combustion Engine. <i>Energy Procedia</i> , 2015, 75, 2331-2336.	1.8	7
13	Airplugâ€Mediated Isolation and Centralization of Single Tâ€Cells in Rectangular Microwells for Biosensing. <i>Advanced Therapeutics</i> , 2020, 3, 1900085.	3.2	1
14	Microfluidic Probe for Multiphysics Enabled Single Cell Manipulation. , 2020, , .		1
15	Conically Stabilized Turbulent Premixed Lean-Flames Sustainability. <i>Energy Procedia</i> , 2017, 142, 3820-3826.	1.8	0
16	Rapid prototyping of microfluidic probes for biomedical applications. , 2018, , .		0
17	Investigation of biosensing bias with single cells located in rectangular microwells. , 2019, , .		0
18	Electrically Actuated Concentration of Microparticles through Levitation and Convective Flows in Evaporating Droplets. <i>ACS Applied Bio Materials</i> , 2020, 3, 1845-1852.	4.6	0

#	ARTICLE	IF	CITATIONS
19	Noncontact Multiphysics Probes: Noncontact Multiphysics Probe for Spatiotemporal Resolved Single-Cell Manipulation and Analyses (Small 24/2021). Small, 2021, 17, 2170118.	10.0	0