Burcu Gumuscu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9500087/publications.pdf

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12	194	1040056 9	1199594 12
papers	citations	h-index	g-index

15	15	15	325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effective biodegradation of 2,4,6-trinitrotoluene using a novel bacterial strain isolated from TNT-contaminated soil. International Biodeterioration and Biodegradation, 2013, 85, 35-41.	3.9	45
2	Desalination by Electrodialysis Using a Stack of Patterned Ionâ€Selective Hydrogels on a Microfluidic Device. Advanced Functional Materials, 2016, 26, 8685-8693.	14.9	26
3	Large scale patterning of hydrogel microarrays using capillary pinning. Lab on A Chip, 2015, 15, 664-667.	6.0	24
4	Compartmentalized 3D Tissue Culture Arrays under Controlled Microfluidic Delivery. Scientific Reports, 2017, 7, 3381.	3.3	22
5	Photopatterning of Hydrogel Microarrays in Closed Microchips. Biomacromolecules, 2015, 16, 3802-3810.	5.4	20
6	Enhanced ion transport using geometrically structured charge selective interfaces. Lab on A Chip, 2018, 18, 1652-1660.	6.0	14
7	Highly Sensitive Determination of 2,4,6-Trinitrotoluene and Related Byproducts Using a Diol Functionalized Column for High Performance Liquid Chromatography. PLoS ONE, 2014, 9, e99230.	2.5	14
8	Exploiting biased reptation for continuous flow preparative DNA fractionation in a versatile microfluidic platform. Microsystems and Nanoengineering, 2017, 3, 17001.	7.0	10
9	Separation-encoded microparticles for single-cell western blotting. Lab on A Chip, 2020, 20, 64-73.	6.0	9
10	Complete dissipation of 2,4,6-trinitrotoluene by in-vessel composting. RSC Advances, 2015, 5, 51812-51819.	3.6	6
11	Capillary Pinning Assisted Patterning of Cell-Laden Hydrogel Microarrays in Microchips. Methods in Molecular Biology, 2018, 1771, 225-238.	0.9	2
12	Self-powered microfluidic device for the colorimetric detection of lithium via sequential reagent mixing. Research on Engineering Structures and Materials, 2021, , .	0.4	0