

Ya-Yu Chiang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

447
citations

1163117

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1125743

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g-index

18
all docs

18
docs citations

18
times ranked

847
citing authors

#	ARTICLE	IF	CITATIONS
1	A microfluidic array with cellular valving for single cell co-culture. Lab on A Chip, 2011, 11, 231-237.	6.0	169
2	Microarrays for the scalable production of metabolically relevant tumour spheroids: a tool for modulating chemosensitivity traits. Lab on A Chip, 2011, 11, 419-428.	6.0	78
3	Microfluidic construction of minimalistic neuronal co-cultures. Lab on A Chip, 2013, 13, 1402.	6.0	66
4	Bioinspired Durable Superhydrophobic Surface from a Hierarchically Wrinkled Nanoporous Polymer. ACS Applied Materials & Interfaces, 2019, 11, 40875-40885.	8.0	41
5	Ultrafast cell switching for recording cell surface transitions: new insights into epidermal growth factor receptor signalling. Lab on A Chip, 2013, 13, 1031.	6.0	18
6	Sol-gel-derived hierarchically wrinkled mesoporous ceramics for enhancement of cell alignment. Chemical Engineering Journal, 2021, 405, 126572.	12.7	18
7	Development of Real-Time Transendothelial Electrical Resistance Monitoring for an In Vitro Blood-Brain Barrier System. Micromachines, 2021, 12, 37.	2.9	18
8	Bio-O-Pump: a novel portable microfluidic device driven by osmotic pressure. Sensors and Actuators B: Chemical, 2019, 284, 736-743.	7.8	15
9	A core-annular liquid-liquid microextractor for continuous processing. Chemical Engineering Journal, 2021, 405, 126677.	12.7	7
10	Whole Cell Quenched Flow Analysis. Analytical Chemistry, 2013, 85, 11560-11567.	6.5	5
11	Preparation of Neuronal Co-cultures with Single Cell Precision. Journal of Visualized Experiments, 2014, , .	0.3	4
12	Hydrodynamic Snaring Array for Trapping and Perfusion Culture of Single Cell. Sensors and Actuators B: Chemical, 2020, 312, 127966.	7.8	3
13	Scale-out production in core-annular liquid-liquid microextractor. Journal of Flow Chemistry, 0, , 1.	1.9	2
14	Continuous low surface tension and high viscosity two phases liquid separation. Sensors and Actuators B: Chemical, 2022, 365, 131957.	7.8	2
15	An adjustable liquid-liquid microfluidic extraction device. , 2017, , .		1
16	Bridging Two Cultures: Minimalistic Networks Prepared by Microfluidic Arraying, and Open Access Compartments for Electrophysiology. Neuromethods, 2015, , 39-56.	0.3	0
17	Record the Single Cell Signal Pathway. , 2020, , 1-23.		0
18	Record the Single Cell Signal Pathway. , 2022, , 651-672.		0