

Tatiana Trantidou

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,081
citations

567281

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940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1800
citing authors

#	ARTICLE	IF	CITATIONS
1	New Directions for Artificial Cells Using Prototyped Biosystems. <i>Analytical Chemistry</i> , 2019, 91, 4921-4928.	6.5	17
2	A "cleanroom-free" and scalable manufacturing technology for the microfluidic generation of lipid-stabilized droplets and cell-sized multisomes. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 34-41.	7.8	17
3	Constructing vesicle-based artificial cells with embedded living cells as organelle-like modules. <i>Scientific Reports</i> , 2018, 8, 4564.	3.3	94
4	Mask-Free Laser Lithography for Rapid and Low-Cost Microfluidic Device Fabrication. <i>Analytical Chemistry</i> , 2018, 90, 13915-13921.	6.5	23
5	Droplet microfluidics for the construction of compartmentalised model membranes. <i>Lab on A Chip</i> , 2018, 18, 2488-2509.	6.0	89
6	Functionalizing cell-mimetic giant vesicles with encapsulated bacterial biosensors. <i>Interface Focus</i> , 2018, 8, 20180024.	3.0	44
7	Hydrophilic surface modification of PDMS for droplet microfluidics using a simple, quick, and robust method via PVA deposition. <i>Microsystems and Nanoengineering</i> , 2017, 3, 16091.	7.0	269
8	Engineering Compartmentalized Biomimetic Micro- and Nanocontainers. <i>ACS Nano</i> , 2017, 11, 6549-6565.	14.6	166
9	Effects of Ar and O ₂ Plasma Etching on Parylene C: Topography versus Surface Chemistry and the Impact on Cell Viability. <i>Plasma Processes and Polymers</i> , 2016, 13, 324-333.	3.0	29
10	Biorealistic cardiac cell culture platforms with integrated monitoring of extracellular action potentials. <i>Scientific Reports</i> , 2015, 5, 11067.	3.3	20
11	Surface and Electrical Characterization of Ag/AgCl Pseudo-Reference Electrodes Manufactured with Commercially Available PCB Technologies. <i>Sensors</i> , 2015, 15, 18102-18113.	3.8	38
12	Assessment of Parylene C Thin Films for Heart Valve Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2015, 21, 2504-2514.	3.1	11
13	Parylene C-Based Flexible Electronics for pH Monitoring Applications. <i>Sensors</i> , 2014, 14, 11629-11639.	3.8	24
14	A lab-on-chip approach for monitoring the electrochemical activity of biorealistic cell cultures. , 2014, , .		0
15	The effect of microgrooved culture substrates on calcium cycling of cardiac myocytes derived from human induced pluripotent stem cells. <i>Biomaterials</i> , 2013, 34, 2399-2411.	11.4	154
16	The dual role of Parylene C in chemical sensing: Acting as an encapsulant and as a sensing membrane for pH monitoring applications. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 1-8.	7.8	32
17	Sensing H ⁺ with conventional neural probes. <i>Applied Physics Letters</i> , 2013, 102, 223506.	3.3	0
18	Oxygen plasma induced hydrophilicity of Parylene-C thin films. <i>Applied Surface Science</i> , 2012, 261, 43-51.	6.1	54