Raquel Obregon

List of Publications by Year
in descending order

14 papers	368 citations	1040056 9 h-index	1281871 11 g-index
17 all docs	17 docs citations	17 times ranked	702 citing authors

#	Article	IF	Citations
1	Gelatin methacrylate as a promising hydrogel for 3D microscale organization and proliferation of dielectrophoretically patterned cells. Lab on A Chip, 2012, 12, 2959.	6.0	148
2	Carbon Nanotubes and Graphene-Based Nanomaterials for Stem Cell Differentiation and Tissue Regeneration. Journal of Nanoscience and Nanotechnology, 2016, 16, 8862-8880.	0.9	37
3	Facile and rapid generation of 3D chemical gradients within hydrogels for high-throughput drug screening applications. Biosensors and Bioelectronics, 2014, 59, 166-173.	10.1	35
4	Applications of Carbon Nanotubes in Stem Cell Research. Journal of Biomedical Nanotechnology, 2014, 10, 2539-2561.	1.1	29
5	The Use of Microtechnology and Nanotechnology in Fabricating Vascularized Tissues. Journal of Nanoscience and Nanotechnology, 2014, 14, 487-500.	0.9	25
6	A Pt layer/Pt disk electrode configuration to evaluate respiration and alkaline phosphatase activities of mouse embryoid bodies. Talanta, 2012, 94, 30-35.	5.5	22
7	Non-invasive measurement of glucose uptake of skeletal muscle tissue models using a glucose nanobiosensor. Biosensors and Bioelectronics, 2013, 50, 194-201.	10.1	20
8	Al₂O₃:Yb³⁺ integrated microdisk laser label-free biosensor. Optics Letters, 2019, 44, 5937.	3.3	20
9	Engineered Muscle Tissues for Disease Modeling and Drug Screening Applications. Current Pharmaceutical Design, 2017, 23, 2991-3004.	1.9	15
10	Biosensors for Pharmaceuticals and Emerging Contaminants Based on Novel Micro and Nanotechnology Approaches. Handbook of Environmental Chemistry, 2009, , 47-68.	0.4	5
11	Al2O3 Microresonators for Passive and Active Sensing Applications. , 2018, , .		2
12	Dielectrophoretical fabrication of hybrid carbon nanotubes-hydrogel biomaterial for muscle tissue engineering applications. Materials Research Society Symposia Proceedings, 2014, 1621, 81-86.	0.1	1
13	Gradient Biomaterials as Tissue Scaffolds. , 2015, , 175-186.		1
14	Al<inf>2</inf>O<inf>3</inf> Microresonator Based Passive and Active Biosensors. , 2018, , .		0