

# Raquel Obregon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9433407/publications.pdf>

Version: 2024-02-01

14  
papers

368  
citations

1039406

9  
h-index

1281420

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.	3.1	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.	5.3	35
4	Applications of Carbon Nanotubes in Stem Cell Research. Journal of Biomedical Nanotechnology, 2014, 10, 2539-2561.	0.5	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.	2.9	22
7	Non-invasive measurement of glucose uptake of skeletal muscle tissue models using a glucose nanobiosensor. Biosensors and Bioelectronics, 2013, 50, 194-201.	5.3	20
8	Al <sub>2</sub> O <sub>3</sub> :Yb <sup>3+</sup> integrated microdisk laser label-free biosensor. Optics Letters, 2019, 44, 5937.	1.7	20
9	Engineered Muscle Tissues for Disease Modeling and Drug Screening Applications. Current Pharmaceutical Design, 2017, 23, 2991-3004.	0.9	15
10	Biosensors for Pharmaceuticals and Emerging Contaminants Based on Novel Micro and Nanotechnology Approaches. Handbook of Environmental Chemistry, 2009, , 47-68.	0.2	5
11	Al <sub>2</sub> O <sub>3</sub> 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 <sub>2</sub> O <sub>3</sub> :Yb <sup>3+</sup> Microresonator Based Passive and Active Biosensors. , 2018, , .		0