Ana I Teixeira

List of Publications by Year in Descending Order

26 papers	2,005 citations	14 h-index	29 g-index
29 ext. papers	2,214 ext. citations	11.9 avg, IF	4.46 L-index

#	Paper	IF	Citations
26	Effects of topological constraints on the alignment and maturation of multinucleated myotubes. *Biotechnology and Bioengineering*, **2021**, 118, 2234-2242	4.9	1
25	DNA Origami Penetration in Cell Spheroid Tissue Models is Enhanced by Wireframe Design. *Advanced Materials*, **2021**, 33, e2008457	24	13
24	A DNA-nanoassembly-based approach to map membrane protein nanoenvironments. *Nature Nanotechnology*, **2021**, 16, 85-95	28.7	11
23	Spatial Regulation of T-Cell Signaling by Programmed Death-Ligand 1 on Wireframe DNA Origami Flat Sheets. *ACS Nano*, **2021**, 15, 3441-3452	16.7	13
22	Modeling the transport of nuclear proteins along single skeletal muscle cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 2978-2986	11.5	13
21	Spatial organization-dependent EphA2 transcriptional responses revealed by ligand nanocalipers. *Nucleic Acids Research*, **2020**, 48, 5777-5787	20.1	12
20	Solution-Controlled Conformational Switching of an Anchored Wireframe DNA Nanostructure. *Small*, **2019**, 15, e1803628	11	5
19	Neurturin is a PGC-1α-controlled myokine that promotes motor neuron recruitment and neuromuscular junction formation. *Molecular Metabolism*, **2018**, 7, 12-22	8.8	27
18	Enhancement of the surface free energy of PDMS for reversible and leakage-free bonding of PDMS–PS microfluidic cell-culture systems. *Microfluidics and Nanofluidics*, **2018**, 22, 1	2.8	13
17	Computer-Aided Production of Scaffolded DNA Nanostructures from Flat Sheet Meshes. *Angewandte Chemie - International Edition*, **2016**, 55, 8869-72	16.4	38
16	Computer-Aided Production of Scaffolded DNA Nanostructures from Flat Sheet Meshes. *Angewandte Chemie*, **2016**, 128, 9015-9018	3.6	4
15	Preservation of aortic root architecture and properties using a detergent-enzymatic perfusion protocol. *Biomaterials*, **2014**, 35, 1907-13	15.6	23
14	CtBPs sense microenvironmental oxygen levels to regulate neural stem cell state. *Cell Reports*, **2014**, 8, 665-70	10.6	13
13	Spatial control of membrane receptor function using ligand nanocalipers. *Nature Methods*, **2014**, 11, 841-6	21.6	164
12	A 3D Alzheimer's disease culture model and the induction of P21-activated kinase mediated sensing in iPSC derived neurons. *Biomaterials*, **2014**, 35, 1420-8	15.6	129
11	Neural stem cell differentiation is dictated by distinct actions of nuclear receptor corepressors and histone deacetylases. *Stem Cell Reports*, **2014**, 3, 502-15	8	45
10	Control of neural stem cell survival by electroactive polymer substrates. *PLoS ONE*, **2011**, 6, e18624	3.7	58

List of Publications

9	Electrochemical Control of Growth Factor Presentation To Steer Neural Stem Cell Differentiation. *Angewandte Chemie*, **2011**, 123, 12737-12741	3.6	3
8	Electrochemical control of growth factor presentation to steer neural stem cell differentiation. *Angewandte Chemie - International Edition*, **2011**, 50, 12529-33	16.4	48
7	Designing and Engineering Stem Cell Niches. *MRS Bulletin*, **2010**, 35, 591-596	3.2	8
6	The promotion of neuronal maturation on soft substrates. *Biomaterials*, **2009**, 30, 4567-72	15.6	150
5	Inkjet printing of macromolecules on hydrogels to steer neural stem cell differentiation. *Biomaterials*, **2007**, 28, 3936-43	15.6	204
4	Getting the right stuff: controlling neural stem cell state and fate in vivo and in vitro with biomaterials. *Cell Research*, **2007**, 17, 56-61	24.7	75
3	Cell behavior on lithographically defined nanostructured substrates. *Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena*, **2003**, 21, 683		52
2	Epithelial contact guidance on well-defined micro- and nanostructured substrates. *Journal of Cell Science*, **2003**, 116, 1881-92	5.3	822
1	Adhesion and proliferation of corneal epithelial cells on self-assembled monolayers. *Journal of Biomedical Materials Research Part B*, **2000**, 52, 261-9		59