Ana I Teixeira

List of Publications by Year in descending order

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27 papers	2,402 citations	489802 18 h-index	563245 28 g-index
29 all docs	29 docs citations	29 times ranked	4674 citing authors

#	Article	IF	Citations
1	Motifâ€driven protein binder design towards transferrin receptor helical domain. FEBS Journal, 2022, 289, 2935-2947.	2.2	1
2	Patterned Carboxymethyl-Dextran Functionalized Surfaces Using Organic Mixed Monolayers for Biosensing Applications. ACS Applied Bio Materials, 2022, 5, 3310-3319.	2.3	9
3	A DNA-nanoassembly-based approach to map membrane protein nanoenvironments. Nature Nanotechnology, 2021, 16, 85-95.	15.6	24
4	Spatial Regulation of T-Cell Signaling by Programmed Death-Ligand 1 on Wireframe DNA Origami Flat Sheets. ACS Nano, 2021, 15, 3441-3452.	7.3	42
5	Effects of topological constraints on the alignment and maturation of multinucleated myotubes. Biotechnology and Bioengineering, 2021, 118, 2234-2242.	1.7	1
6	DNA Origami Penetration in Cell Spheroid Tissue Models is Enhanced by Wireframe Design. Advanced Materials, 2021, 33, e2008457.	11.1	39
7	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.	3.3	23
8	SpatialÂorganization-dependent EphA2 transcriptional responses revealed by ligand nanocalipers. Nucleic Acids Research, 2020, 48, 5777-5787.	6.5	25
9	Solutionâ€Controlled Conformational Switching of an Anchored Wireframe DNA Nanostructure. Small, 2019, 15, e1803628.	5.2	9
10	Neurturin is a PGC-1Î±1-controlled myokine that promotes motor neuron recruitment and neuromuscular junction formation. Molecular Metabolism, 2018, 7, 12-22.	3.0	40
11	Enhancement of the surface free energy of PDMS for reversible and leakage-free bonding of PDMSâ€“PS microfluidic cell-culture systems. Microfluidics and Nanofluidics, 2018, 22, 1.	1.0	19
12	Computerâ€Aided Production of Scaffolded DNA Nanostructures from Flat Sheet Meshes. Angewandte Chemie - International Edition, 2016, 55, 8869-8872.	7.2	53
13	Computerâ€Aided Production of Scaffolded DNA Nanostructures from Flat Sheet Meshes. Angewandte Chemie, 2016, 128, 9015-9018.	1.6	5
14	Neural Stem Cell Differentiation Is Dictated by Distinct Actions of Nuclear Receptor Corepressors and Histone Deacetylases. Stem Cell Reports, 2014, 3, 502-515.	2.3	53
15	Preservation of aortic root architecture and properties using a detergent-enzymatic perfusion protocol. Biomaterials, 2014, 35, 1907-1913.	5.7	27
16	CtBPs Sense Microenvironmental Oxygen Levels to Regulate Neural Stem Cell State. Cell Reports, 2014, 8, 665-670.	2.9	22
17	Spatial control of membrane receptor function using ligand nanocalipers. Nature Methods, 2014, 11, 841-846.	9.0	223
18	A 3D Alzheimer's disease culture model and the induction of P21-activated kinase mediated sensing in iPSC derived neurons. Biomaterials, 2014, 35, 1420-1428.	5.7	151

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19	Control of Neural Stem Cell Survival by Electroactive Polymer Substrates. PLoS ONE, 2011, 6, e18624.	1.1	70
20	Electrochemical Control of Growth Factor Presentation To Steer Neural Stem Cell Differentiation. Angewandte Chemie - International Edition, 2011, 50, 12529-12533.	7.2	56
21	Designing and Engineering Stem Cell Niches. MRS Bulletin, 2010, 35, 591-596.	1.7	9
22	The promotion of neuronal maturation on soft substrates. Biomaterials, 2009, 30, 4567-4572.	5.7	170
23	Inkjet printing of macromolecules on hydrogels to steer neural stem cell differentiation. Biomaterials, 2007, 28, 3936-3943.	5.7	228
24	Getting the right stuff: Controlling neural stem cell state and fate in vivo and in vitro with biomaterials. Cell Research, 2007, 17, 56-61.	5.7	78
25	Epithelial contact guidance on well-defined micro- and nanostructured substrates. Journal of Cell Science, 2003, 116, 1881-1892.	1.2	902
26	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.	1.6	57
27	Adhesion and proliferation of corneal epithelial cells on self-assembled monolayers. Journal of Biomedical Materials Research Part B, 2000, 52, 261-269.	3.0	63