Silvia A Ferreira

List of Publications by Year
in descending order

19	706	567281 15	713466 21
papers	citations	h-index	g-index

21	21	21	1451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymeric nanogels as vaccine delivery systems. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 159-173.	3.3	104
2	Bi-directional cell-pericellular matrix interactions direct stem cell fate. Nature Communications, 2018, 9, 4049.	12.8	90
3	IgG and fibrinogen driven nanoparticle aggregation. Nano Research, 2015, 8, 2733-2743.	10.4	71
4	Measuring the elastic modulus of soft culture surfaces and three-dimensional hydrogels using atomic force microscopy. Nature Protocols, 2021, 16, 2418-2449.	12.0	64
5	Differential Regulation of Human Bone Marrow Mesenchymal Stromal Cell Chondrogenesis by Hypoxia Inducible Factor-1Î± Hydroxylase Inhibitors. Stem Cells, 2018, 36, 1380-1392.	3.2	51
6	Hypoxia impacts human MSC response to substrate stiffness during chondrogenic differentiation. Acta Biomaterialia, 2019, 89, 73-83.	8.3	46
7	Neighboring cells override 3D hydrogel matrix cues to drive human MSC quiescence. Biomaterials, 2018, 176, 13-23.	11.4	38
8	Supramolecular assembled nanogel made of mannan. Journal of Colloid and Interface Science, 2011, 361, 97-108.	9.4	27
9	Biocompatibility of mannan nanogelâ€"safe interaction with plasma proteins. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1043-1051.	2.4	27
10	Self-Assembled Nanogel Made of Mannan: Synthesis and Characterization. Langmuir, 2010, 26, 11413-11420.	3.5	26
11	Three-dimensional niche stiffness synergizes with Wnt7a to modulate the extent of satellite cell symmetric self-renewal divisions. Molecular Biology of the Cell, 2020, 31, 1703-1713.	2.1	26
12	Propagation phase-contrast micro-computed tomography allows laboratory-based three-dimensional imaging of articular cartilage down to the cellular level. Osteoarthritis and Cartilage, 2020, 28, 102-111.	1.3	23
13	Selfâ€assembled dextrin nanogel as protein carrier: Controlled release and biological activity of ILâ€10. Biotechnology and Bioengineering, 2011, 108, 1977-1986.	3.3	22
14	Synthesis and Characterization of Self-Assembled Nanogels Made of Pullulan. Materials, 2011, 4, 601-620.	2.9	20
15	Bioglass/carbonate apatite/collagen composite scaffold dissolution products promote human osteoblast differentiation. Materials Science and Engineering C, 2021, 118, 111393.	7.3	16
16	An engineered, quantifiable in vitro model for analysing the effect of proteostasis-targeting drugs on tissue physical properties. Biomaterials, 2018, 183, 102-113.	11.4	6
17	Self-Assembled Mannan Nanogel: Cytocompatibility and Cell Localization. Journal of Biomedical Nanotechnology, 2012, 8, 473-481.	1.1	5
18	Unraveling the Uptake Mechanisms of Mannan Nanogel in Boneâ€Marrowâ€Derived Macrophages. Macromolecular Bioscience, 2012, 12, 1172-1180.	4.1	4

#	Article	IF	Citations
19	Potential of mannan or dextrin nanogels as vaccine carrier/adjuvant systems. Journal of Bioactive and Compatible Polymers, 2016, 31, 453-466.	2.1	4