

Silvia A Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

706
citations

643344

15
h-index

799663

21
g-index

21
all docs

21
docs citations

21
times ranked

1598
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric nanogels as vaccine delivery systems. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 159-173.	1.7	104
2	Bi-directional cell-pericellular matrix interactions direct stem cell fate. <i>Nature Communications</i> , 2018, 9, 4049.	5.8	90
3	IgG and fibrinogen driven nanoparticle aggregation. <i>Nano Research</i> , 2015, 8, 2733-2743.	5.8	71
4	Measuring the elastic modulus of soft culture surfaces and three-dimensional hydrogels using atomic force microscopy. <i>Nature Protocols</i> , 2021, 16, 2418-2449.	5.5	64
5	Differential Regulation of Human Bone Marrow Mesenchymal Stromal Cell Chondrogenesis by Hypoxia Inducible Factor-1 α Hydroxylase Inhibitors. <i>Stem Cells</i> , 2018, 36, 1380-1392.	1.4	51
6	Hypoxia impacts human MSC response to substrate stiffness during chondrogenic differentiation. <i>Acta Biomaterialia</i> , 2019, 89, 73-83.	4.1	46
7	Neighboring cells override 3D hydrogel matrix cues to drive human MSC quiescence. <i>Biomaterials</i> , 2018, 176, 13-23.	5.7	38
8	Supramolecular assembled nanogel made of mannan. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 97-108.	5.0	27
9	Biocompatibility of mannan nanogel's safe interaction with plasma proteins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1043-1051.	1.1	27
10	Self-Assembled Nanogel Made of Mannan: Synthesis and Characterization. <i>Langmuir</i> , 2010, 26, 11413-11420.	1.6	26
11	Three-dimensional niche stiffness synergizes with Wnt7a to modulate the extent of satellite cell symmetric self-renewal divisions. <i>Molecular Biology of the Cell</i> , 2020, 31, 1703-1713.	0.9	26
12	Propagation phase-contrast micro-computed tomography allows laboratory-based three-dimensional imaging of articular cartilage down to the cellular level. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 102-111.	0.6	23
13	Self-Assembled dextrin nanogel as protein carrier: Controlled release and biological activity of IL-10. <i>Biotechnology and Bioengineering</i> , 2011, 108, 1977-1986.	1.7	22
14	Synthesis and Characterization of Self-Assembled Nanogels Made of Pullulan. <i>Materials</i> , 2011, 4, 601-620.	1.3	20
15	Bioglass/carbonate apatite/collagen composite scaffold dissolution products promote human osteoblast differentiation. <i>Materials Science and Engineering C</i> , 2021, 118, 111393.	3.8	16
16	An engineered, quantifiable in vitro model for analysing the effect of proteostasis-targeting drugs on tissue physical properties. <i>Biomaterials</i> , 2018, 183, 102-113.	5.7	6
17	Self-Assembled Mannan Nanogel: Cytocompatibility and Cell Localization. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 473-481.	0.5	5
18	Unraveling the Uptake Mechanisms of Mannan Nanogel in Bone Marrow-Derived Macrophages. <i>Macromolecular Bioscience</i> , 2012, 12, 1172-1180.	2.1	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.	0.8	4