Nuno A Silva

List of Publications by Citations

43 papers	1,639 citations	19 h-index	40 g-index
48 ext. papers	1,955 ext. citations	6.5 avg, IF	4.66 L-index

#	Paper	IF	Citations
43	From basics to clinical: a comprehensive review on spinal cord injury. *Progress in Neurobiology*, **2014** , 114, 25-57	10.9	459
42	Unveiling the Differences of Secretome of Human Bone Marrow Mesenchymal Stem Cells, Adipose Tissue-Derived Stem Cells, and Human Umbilical Cord Perivascular Cells: A Proteomic Analysis. *Stem Cells and Development*, **2016**, 25, 1073-83	4.4	118
41	The effects of peptide modified gellan gum and olfactory ensheathing glia cells on neural stem/progenitor cell fate. *Biomaterials*, **2012**, 33, 6345-54	15.6	112
40	Hydrogels and Cell Based Therapies in Spinal Cord Injury Regeneration. *Stem Cells International*, **2015**, 2015, 948040	5	103
39	Development and characterization of a novel hybrid tissue engineering-based scaffold for spinal cord injury repair. *Tissue Engineering - Part A*, **2010**, 16, 45-54	3.9	96
38	Microglia response and in vivo therapeutic potential of methylprednisolone-loaded dendrimer nanoparticles in spinal cord injury. *Small*, **2013**, 9, 738-49	11	76
37	Tissue engineering and regenerative medicine: past, present, and future. *International Review of Neurobiology*, **2013**, 108, 1-33	4.4	69
36	Combination of a peptide-modified gellan gum hydrogel with cell therapy in a lumbar spinal cord injury animal model. *Biomaterials*, **2016**, 105, 38-51	15.6	53
35	The secretome of bone marrow mesenchymal stem cells-conditioned media varies with time and drives a distinct effect on mature neurons and glial cells (primary cultures). *Journal of Tissue Engineering and Regenerative Medicine*, **2011**, 5, 668-72	4.4	48
34	Modulation of bone marrow mesenchymal stem cell secretome by ECM-like hydrogels. *Biochimie*, **2013**, 95, 2314-9	4.6	46
33	Development and characterization of a PHB-HV-based 3D scaffold for a tissue engineering and cell-therapy combinatorial approach for spinal cord injury regeneration. *Macromolecular Bioscience*, **2013**, 13, 1576-92	5.5	42
32	Filling the Gap: Neural Stem Cells as A Promising Therapy for Spinal Cord Injury. *Pharmaceuticals*, **2019**, 12,	5.2	37
31	Unveiling the effects of the secretome of mesenchymal progenitors from the umbilical cord in different neuronal cell populations. *Biochimie*, **2013**, 95, 2297-303	4.6	36
30	Co-Transplantation of Adipose Tissue-Derived Stromal Cells and Olfactory Ensheathing Cells for Spinal Cord Injury Repair. *Stem Cells*, **2018**, 36, 696-708	5.8	33
29	Interactions between Schwann and olfactory ensheathing cells with a starch/polycaprolactone scaffold aimed at spinal cord injury repair. *Journal of Biomedical Materials Research - Part A*, **2012**, 100, 470-6	5.4	25
28	Systemic Interleukin-4 Administration after Spinal Cord Injury Modulates Inflammation and Promotes Neuroprotection. *Pharmaceuticals*, **2017**, 10,	5.2	23
27	Peripheral mineralization of a 3D biodegradable tubular construct as a way to enhance guidance stabilization in spinal cord injury regeneration. *Journal of Materials Science: Materials in Medicine*, **2012**, 23, 2821-30	4.5	21

26	Combining adult stem cells and olfactory ensheathing cells: the secretome effect. *Stem Cells and Development*, **2013**, 22, 1232-40	4.4	20
25	Cell Secretome: Basic Insights and Therapeutic Opportunities for CNS Disorders. *Pharmaceuticals*, **2020**, 13,	5.2	19
24	Combining neuroprotective agents: effect of riluzole and magnesium in a rat model of thoracic spinal cord injury. *Spine Journal*, **2016**, 16, 1015-24	4	19
23	Development of β-TCP-Ti6Al4V structures: Driving cellular response by modulating physical and chemical properties. *Materials Science and Engineering C*, **2019**, 98, 705-716	8.3	19
22	Hierarchical scaffolds enhance osteogenic differentiation of human Wharton's jelly derived stem cells. *Biofabrication*, **2015**, 7, 035009	10.5	16
21	45S5 BAG-Ti6Al4V structures: The influence of the design on some of the physical and chemical interactions that drive cellular response. *Materials and Design*, **2018**, 160, 95-105	8.1	16
20	Benefits of spine stabilization with biodegradable scaffolds in spinal cord injured rats. *Tissue Engineering - Part C: Methods*, **2013**, 19, 101-8	2.9	15
19	Induction of neurite outgrowth in 3D hydrogel-based environments. *Biomedical Materials (Bristol)*, **2015**, 10, 051001	3.5	14
18	Influence of passage number on the impact of the secretome of adipose tissue stem cells on neural survival, neurodifferentiation and axonal growth. *Biochimie*, **2018**, 155, 119-128	4.6	14
17	Influence of Different ECM-Like Hydrogels on Neurite Outgrowth Induced by Adipose Tissue-Derived Stem Cells. *Stem Cells International*, **2017**, 2017, 6319129	5	12
16	Animal model for chronic massive rotator cuff tear: behavioural and histologic analysis. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2015**, 23, 608-18	5.5	10
15	Cell and Tissue Instructive Materials for Central Nervous System Repair. *Advanced Functional Materials*, **2020**, 30, 1909083	15.6	9
14	Combinatorial therapies for spinal cord injury: strategies to induce regeneration. *Neural Regeneration Research*, **2019**, 14, 69-71	4.5	8
13	Immunomodulation as a neuroprotective strategy after spinal cord injury. *Neural Regeneration Research*, **2018**, 13, 423-424	4.5	6
12	Splenic sympathetic signaling contributes to acute neutrophil infiltration of the injured spinal cord. *Journal of Neuroinflammation*, **2020**, 17, 282	10.1	6
11	Evaluation of ASCs and HUVECs Co-cultures in 3D Biodegradable Hydrogels on Neurite Outgrowth and Vascular Organization. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 489	5.7	5
10	Combination of a Gellan Gum-Based Hydrogel With Cell Therapy for the Treatment of Cervical Spinal Cord Injury. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 984	5.8	5
9	Bioengineered cell culture systems of central nervous system injury and disease. *Drug Discovery Today*, **2016**, 21, 1456-1463	8.8	4

8	Nanoengineered biomaterials for spinal cord regeneration **2019**, 167-185		4
7	Levetiracetam treatment leads to functional recovery after thoracic or cervical injuries of the spinal cord. *Npj Regenerative Medicine*, **2021**, 6, 11	15.8	4
6	Hydrogels for spinal cord injury regeneration **2008**, 570-594		2
5	Immunomodulatory and regenerative effects of the full and fractioned adipose tissue derived stem cells secretome in spinal cord injury.. *Experimental Neurology*, **2022**, 113989	5.7	1
4	Cell therapies for spinal cord injury regeneration **2020**, 157-186		1
3	Modulation of Stem Cells Behavior Through Bioactive Surfaces **2016**, 67-86		1
2	Neuroprotection in the injured spinal cord **2020**, 125-145		
1	Animal models of central nervous system disorders **2020**, 621-650		