

Nuno A Silva

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Immunomodulatory and regenerative effects of the full and fractioned adipose tissue derived stem cells secretome in spinal cord injury.. <i>Experimental Neurology</i> , 2022 , 113989	5.7	1
42	Levetiracetam treatment leads to functional recovery after thoracic or cervical injuries of the spinal cord. <i>Npj Regenerative Medicine</i> , 2021 , 6, 11	15.8	4
41	Evaluation of ASCs and HUVECs Co-cultures in 3D Biodegradable Hydrogels on Neurite Outgrowth and Vascular Organization. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 489	5.7	5
40	Neuroprotection in the injured spinal cord 2020 , 125-145		
39	Animal models of central nervous system disorders 2020 , 621-650		
38	Cell and Tissue Instructive Materials for Central Nervous System Repair. <i>Advanced Functional Materials</i> , 2020 , 30, 1909083	15.6	9
37	Cell Secretome: Basic Insights and Therapeutic Opportunities for CNS Disorders. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	19
36	Cell therapies for spinal cord injury regeneration 2020 , 157-186		1
35	Splenic sympathetic signaling contributes to acute neutrophil infiltration of the injured spinal cord. <i>Journal of Neuroinflammation</i> , 2020 , 17, 282	10.1	6
34	Combination of a Gellan Gum-Based Hydrogel With Cell Therapy for the Treatment of Cervical Spinal Cord Injury. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 984	5.8	5
33	Filling the Gap: Neural Stem Cells as A Promising Therapy for Spinal Cord Injury. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	37
32	Combinatorial therapies for spinal cord injury: strategies to induce regeneration. <i>Neural Regeneration Research</i> , 2019 , 14, 69-71	4.5	8
31	Development of β TCP-Ti6Al4V structures: Driving cellular response by modulating physical and chemical properties. <i>Materials Science and Engineering C</i> , 2019 , 98, 705-716	8.3	19
30	Nanoengineered biomaterials for spinal cord regeneration 2019 , 167-185		4
29	Co-Transplantation of Adipose Tissue-Derived Stromal Cells and Olfactory Ensheathing Cells for Spinal Cord Injury Repair. <i>Stem Cells</i> , 2018 , 36, 696-708	5.8	33
28	Immunomodulation as a neuroprotective strategy after spinal cord injury. <i>Neural Regeneration Research</i> , 2018 , 13, 423-424	4.5	6
27	Influence of passage number on the impact of the secretome of adipose tissue stem cells on neural survival, neurodifferentiation and axonal growth. <i>Biochimie</i> , 2018 , 155, 119-128	4.6	14

26	45S5 BAG-Ti6Al4V structures: The influence of the design on some of the physical and chemical interactions that drive cellular response. <i>Materials and Design</i> , 2018 , 160, 95-105	8.1	16
25	Systemic Interleukin-4 Administration after Spinal Cord Injury Modulates Inflammation and Promotes Neuroprotection. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	23
24	Influence of Different ECM-Like Hydrogels on Neurite Outgrowth Induced by Adipose Tissue-Derived Stem Cells. <i>Stem Cells International</i> , 2017 , 2017, 6319129	5	12
23	Combination of a peptide-modified gellan gum hydrogel with cell therapy in a lumbar spinal cord injury animal model. <i>Biomaterials</i> , 2016 , 105, 38-51	15.6	53
22	Modulation of Stem Cells Behavior Through Bioactive Surfaces 2016 , 67-86		1
21	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. <i>Stem Cells and Development</i> , 2016 , 25, 1073-83	4.4	118
20	Bioengineered cell culture systems of central nervous system injury and disease. <i>Drug Discovery Today</i> , 2016 , 21, 1456-1463	8.8	4
19	Combining neuroprotective agents: effect of riluzole and magnesium in a rat model of thoracic spinal cord injury. <i>Spine Journal</i> , 2016 , 16, 1015-24	4	19
18	Animal model for chronic massive rotator cuff tear: behavioural and histologic analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015 , 23, 608-18	5.5	10
17	Hydrogels and Cell Based Therapies in Spinal Cord Injury Regeneration. <i>Stem Cells International</i> , 2015 , 2015, 948040	5	103
16	Hierarchical scaffolds enhance osteogenic differentiation of human Wharton's jelly derived stem cells. <i>Biofabrication</i> , 2015 , 7, 035009	10.5	16
15	Induction of neurite outgrowth in 3D hydrogel-based environments. <i>Biomedical Materials (Bristol)</i> , 2015 , 10, 051001	3.5	14
14	From basics to clinical: a comprehensive review on spinal cord injury. <i>Progress in Neurobiology</i> , 2014 , 114, 25-57	10.9	459
13	Unveiling the effects of the secretome of mesenchymal progenitors from the umbilical cord in different neuronal cell populations. <i>Biochimie</i> , 2013 , 95, 2297-303	4.6	36
12	Benefits of spine stabilization with biodegradable scaffolds in spinal cord injured rats. <i>Tissue Engineering - Part C: Methods</i> , 2013 , 19, 101-8	2.9	15
11	Modulation of bone marrow mesenchymal stem cell secretome by ECM-like hydrogels. <i>Biochimie</i> , 2013 , 95, 2314-9	4.6	46
10	Development and characterization of a PHB-HV-based 3D scaffold for a tissue engineering and cell-therapy combinatorial approach for spinal cord injury regeneration. <i>Macromolecular Bioscience</i> , 2013 , 13, 1576-92	5.5	42
9	Tissue engineering and regenerative medicine: past, present, and future. <i>International Review of Neurobiology</i> , 2013 , 108, 1-33	4.4	69

8	Combining adult stem cells and olfactory ensheathing cells: the secretome effect. <i>Stem Cells and Development</i> , 2013 , 22, 1232-40	4.4	20
7	Microglia response and in vivo therapeutic potential of methylprednisolone-loaded dendrimer nanoparticles in spinal cord injury. <i>Small</i> , 2013 , 9, 738-49	11	76
6	The effects of peptide modified gellan gum and olfactory ensheathing glia cells on neural stem/progenitor cell fate. <i>Biomaterials</i> , 2012 , 33, 6345-54	15.6	112
5	Interactions between Schwann and olfactory ensheathing cells with a starch/polycaprolactone scaffold aimed at spinal cord injury repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 470-6	5.4	25
4	Peripheral mineralization of a 3D biodegradable tubular construct as a way to enhance guidance stabilization in spinal cord injury regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 2821-30	4.5	21
3	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). <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011 , 5, 668-72	4.4	48
2	Development and characterization of a novel hybrid tissue engineering-based scaffold for spinal cord injury repair. <i>Tissue Engineering - Part A</i> , 2010 , 16, 45-54	3.9	96
1	Hydrogels for spinal cord injury regeneration 2008 , 570-594		2