Nuno A Silva

List of Publications by Year
in descending order

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45 papers	2,235 citations	331670 21 h-index	276875 41 g-index
48 all docs	48 docs citations	48 times ranked	3428 citing authors

#	Article	IF	Citations
1	Nutritional interventions for spinal cord injury: preclinical efficacy and molecular mechanisms. Nutrition Reviews, 2022, 80, 1206-1221.	5.8	4
2	Immunomodulatory and regenerative effects of the full and fractioned adipose tissue derived stem cells secretome in spinal cord injury. Experimental Neurology, 2022, 351, 113989.	4.1	10
3	Levetiracetam treatment leads to functional recovery after thoracic or cervical injuries of the spinal cord. Npj Regenerative Medicine, 2021, 6, 11.	5.2	10
4	Preclinical Assessment of Mesenchymal-Stem-Cell-Based Therapies in Spinocerebellar Ataxia Type 3. Biomedicines, 2021, 9, 1754.	3.2	5
5	Cell therapies for spinal cord injury regeneration. , 2020, , 157-186.		2
6	Splenic sympathetic signaling contributes to acute neutrophil infiltration of the injured spinal cord. Journal of Neuroinflammation, 2020, 17, 282.	7.2	16
7	Citalopram Administration Does Not Promote Function or Histological Recovery after Spinal Cord Injury. International Journal of Molecular Sciences, 2020, 21, 5062.	4.1	3
8	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.	4.1	10
9	In vitro 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.	3.7	15
10	Neuroprotection in the injured spinal cord. , 2020, , 125-145.		0
11	Animal models of central nervous system disorders. , 2020, , 621-650.		0
12	Cell and Tissue Instructive Materials for Central Nervous System Repair. Advanced Functional Materials, 2020, 30, 1909083.	14.9	20
13	Cell Secretome: Basic Insights and Therapeutic Opportunities for CNS Disorders. Pharmaceuticals, 2020, 13, 31.	3.8	44
14	Filling the Gap: Neural Stem Cells as A Promising Therapy for Spinal Cord Injury. Pharmaceuticals, 2019, 12, 65.	3.8	64
15	Development of Î²-TCP-Ti6Al4V structures: Driving cellular response by modulating physical and chemical properties. Materials Science and Engineering C, 2019, 98, 705-716.	7.3	30
16	Nanoengineered biomaterials for spinal cord regeneration. , 2019, , 167-185.		7
17	Combinatorial therapies for spinal cord injury: strategies to induce regeneration. Neural Regeneration Research, 2019, 14, 69.	3.0	13
18	Co-Transplantation of Adipose Tissue-Derived Stromal Cells and Olfactory Ensheathing Cells for Spinal Cord Injury Repair. Stem Cells, 2018, 36, 696-708.	3.2	48

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19	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.	2.6	20
20	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.	7.0	22
21	Immunomodulation as a neuroprotective strategy after spinal cord injury. Neural Regeneration Research, 2018, 13, 423.	3.0	13
22	Systemic Interleukin-4 Administration after Spinal Cord Injury Modulates Inflammation and Promotes Neuroprotection. Pharmaceuticals, 2017, 10, 83.	3.8	42
23	Influence of Different ECM-Like Hydrogels on Neurite Outgrowth Induced by Adipose Tissue-Derived Stem Cells. Stem Cells International, 2017, 2017, 1-10.	2.5	17
24	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, 1073-1083.	2.1	175
25	Bioengineered cell culture systems of central nervous system injury and disease. Drug Discovery Today, 2016, 21, 1456-1463.	6.4	5
26	Combining neuroprotective agents: effect of riluzole and magnesium in a rat model of thoracic spinal cord injury. Spine Journal, 2016, 16, 1015-1024.	1.3	25
27	Combination of a peptide-modified gellan gum hydrogel with cell therapy in a lumbar spinal cord injury animal model. Biomaterials, 2016, 105, 38-51.	11.4	68
28	Hydrogels and Cell Based Therapies in Spinal Cord Injury Regeneration. Stem Cells International, 2015, 2015, 1-24.	2.5	135
29	Hierarchical scaffolds enhance osteogenic differentiation of human Whartonâ€™s jelly derived stem cells. Biofabrication, 2015, 7, 035009.	7.1	17
30	Induction of neurite outgrowth in 3D hydrogel-based environments. Biomedical Materials (Bristol), 2015, 10, 051001.	3.3	15
31	Animal model for chronic massive rotator cuff tear: behavioural and histologic analysis. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 608-618.	4.2	16
32	From basics to clinical: A comprehensive review on spinal cord injury. Progress in Neurobiology, 2014, 114, 25-57.	5.7	626
33	Unveiling the effects of the secretome of mesenchymal progenitors from the umbilical cord in different neuronal cell populations. Biochimie, 2013, 95, 2297-2303.	2.6	40
34	Benefits of Spine Stabilization with Biodegradable Scaffolds in Spinal Cord Injured Rats. Tissue Engineering - Part C: Methods, 2013, 19, 101-108.	2.1	20
35	Modulation of bone marrow mesenchymal stem cell secretome byÂECM-like hydrogels. Biochimie, 2013, 95, 2314-2319.	2.6	54
36	Development and Characterization of a <scp>PHB</scp>â€<scp>HV</scp>â€based 3<scp>D</scp> Scaffold for a Tissue Engineering and Cellâ€therapy Combinatorial Approach for Spinal Cord Injury Regeneration. Macromolecular Bioscience, 2013, 13, 1576-1592.	4.1	47

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37	Tissue Engineering and Regenerative Medicine. International Review of Neurobiology, 2013, 108, 1-33.	2.0	107
38	Combining Adult Stem Cells and Olfactory Ensheathing Cells: The Secretome Effect. Stem Cells and Development, 2013, 22, 1232-1240.	2.1	24
39	Microglia Response and In Vivo Therapeutic Potential of Methylprednisoloneâ€Loaded Dendrimer Nanoparticles in Spinal Cord Injury. Small, 2013, 9, 738-749.	10.0	91
40	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, 2821-2830.	3.6	24
41	The effects of peptide modified gellan gum and olfactory ensheathing glia cells on neural stem/progenitor cell fate. Biomaterials, 2012, 33, 6345-6354.	11.4	129
42	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, 100A, 470-476.	4.0	28
43	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, 668-672.	2.7	55
44	Development and Characterization of a Novel Hybrid Tissue Engineeringâ€“Based Scaffold for Spinal Cord Injury Repair. Tissue Engineering - Part A, 2010, 16, 45-54.	3.1	103
45	Hydrogels for spinal cord injury regeneration. , 2008, , 570-594.		3