# Nuno A Silva

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2903193/publications.pdf

Version: 2024-02-01

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

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | From basics to clinical: A comprehensive review on spinal cord injury. Progress in Neurobiology, 2014, 114, 25-57. | 5.7 | 626 |
| 2 | 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 |
| 3 | Hydrogels and Cell Based Therapies in Spinal Cord Injury Regeneration. Stem Cells International, 2015, 2015, 1-24. | 2.5 | 135 |
| 4 | 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 |
| 5 | Tissue Engineering and Regenerative Medicine. International Review of Neurobiology, 2013, 108, 1-33. | 2.0 | 107 |
| 6 | 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 |
| 7 | Microglia Response and In Vivo Therapeutic Potential of Methylprednisoloneâ€Loaded Dendrimer Nanoparticles in Spinal Cord Injury. Small, 2013, 9, 738-749. | 10.0 | 91 |
| 8 | 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 |
| 9 | Filling the Gap: Neural Stem Cells as A Promising Therapy for Spinal Cord Injury. Pharmaceuticals, 2019, 12, 65. | 3.8 | 64 |
| 10 | 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 |
| 11 | Modulation of bone marrow mesenchymal stem cell secretome byÂECM-like hydrogels. Biochimie, 2013, 95, 2314-2319. | 2.6 | 54 |
| 12 | 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 |
| 13 | 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 |
| 14 | Cell Secretome: Basic Insights and Therapeutic Opportunities for CNS Disorders. Pharmaceuticals, 2020, 13, 31. | 3.8 | 44 |
| 15 | Systemic Interleukin-4 Administration after Spinal Cord Injury Modulates Inflammation and Promotes Neuroprotection. Pharmaceuticals, 2017, 10, 83. | 3.8 | 42 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | Combining Adult Stem Cells and Olfactory Ensheathing Cells: The Secretome Effect. Stem Cells and Development, 2013, 22, 1232-1240. | 2.1 | 24 |
| 22 | 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 |
| 23 | Benefits of Spine Stabilization with Biodegradable Scaffolds in Spinal Cord Injured Rats. Tissue Engineering - Part C: Methods, 2013, 19, 101-108. | 2.1 | 20 |
| 24 | 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 |
| 25 | Cell and Tissue Instructive Materials for Central Nervous System Repair. Advanced Functional Materials, 2020, 30, 1909083. | 14.9 | 20 |
| 26 | Hierarchical scaffolds enhance osteogenic differentiation of human Whartonâ€™s jelly derived stem cells. Biofabrication, 2015, 7, 035009. | 7.1 | 17 |
| 27 | 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 |
| 28 | Animal model for chronic massive rotator cuff tear: behavioural and histologic analysis. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 608-618. | 4.2 | 16 |
| 29 | Splenic sympathetic signaling contributes to acute neutrophil infiltration of the injured spinal cord. Journal of Neuroinflammation, 2020, 17, 282. | 7.2 | 16 |
| 30 | Induction of neurite outgrowth in 3D hydrogel-based environments. Biomedical Materials (Bristol), 2015, 10, 051001. | 3.3 | 15 |
| 31 | 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 |
| 32 | Immunomodulation as a neuroprotective strategy after spinal cord injury. Neural Regeneration Research, 2018, 13, 423. | 3.0 | 13 |
| 33 | Combinatorial therapies for spinal cord injury: strategies to induce regeneration. Neural Regeneration Research, 2019, 14, 69. | 3.0 | 13 |
| 34 | 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 |
| 35 | Levetiracetam treatment leads to functional recovery after thoracic or cervical injuries of the spinal cord. Npj Regenerative Medicine, 2021, 6, 11. | 5.2 | 10 |
| 36 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Nanoengineered biomaterials for spinal cord regeneration. , 2019, , 167-185. | | 7 |
| 38 | Bioengineered cell culture systems of central nervous system injury and disease. Drug Discovery Today, 2016, 21, 1456-1463. | 6.4 | 5 |
| 39 | Preclinical Assessment of Mesenchymal-Stem-Cell-Based Therapies in Spinocerebellar Ataxia Type 3. Biomedicines, 2021, 9, 1754. | 3.2 | 5 |
| 40 | Nutritional interventions for spinal cord injury: preclinical efficacy and molecular mechanisms. Nutrition Reviews, 2022, 80, 1206-1221. | 5.8 | 4 |
| 41 | Hydrogels for spinal cord injury regeneration. , 2008, , 570-594. | | 3 |
| 42 | Citalopram Administration Does Not Promote Function or Histological Recovery after Spinal Cord Injury. International Journal of Molecular Sciences, 2020, 21, 5062. | 4.1 | 3 |
| 43 | Cell therapies for spinal cord injury regeneration. , 2020, , 157-186. | | 2 |
| 44 | Neuroprotection in the injured spinal cord. , 2020, , 125-145. | | 0 |
| 45 | Animal models of central nervous system disorders. , 2020, , 621-650. | | 0 |