

Rachelle Franzen

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,632
citations

394286

19
h-index

552653

26
g-index

27
all docs

27
docs citations

27
times ranked

2603
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Conditioned Medium from Bone Marrow-Derived Mesenchymal Stem Cells Improves Recovery after Spinal Cord Injury in Rats: An Original Strategy to Avoid Cell Transplantation. PLoS ONE, 2013, 8, e69515. | 1.1 | 187 |
| 2 | Mesenchymal Stem Cell Graft Improves Recovery after Spinal Cord Injury in Adult Rats through Neurotrophic and Pro-Angiogenic Actions. PLoS ONE, 2012, 7, e39500. | 1.1 | 179 |
| 3 | Molecular Mechanisms Involved in Schwann Cell Plasticity. Frontiers in Molecular Neuroscience, 2017, 10, 38. | 1.4 | 142 |
| 4 | Peripheral nerve regeneration using bioresorbable macroporous polylactide scaffolds. Journal of Biomedical Materials Research Part B, 2000, 52, 639-651. | 3.0 | 124 |
| 5 | Neutrophil contribution to spinal cord injury and repair. Journal of Neuroinflammation, 2014, 11, 150. | 3.1 | 117 |
| 6 | Effects of macrophage transplantation in the injured adult rat spinal cord: A combined immunocytochemical and biochemical study. Journal of Neuroscience Research, 1998, 51, 316-327. | 1.3 | 107 |
| 7 | Delayed GM-CSF treatment stimulates axonal regeneration and functional recovery in paraplegic rats via an increased BDNF expression by endogenous macrophages. FASEB Journal, 2006, 20, 1239-1241. | 0.2 | 104 |
| 8 | Puzzling Out Synaptic Vesicle 2 Family Members Functions. Frontiers in Molecular Neuroscience, 2017, 10, 148. | 1.4 | 85 |
| 9 | The Effect of Treadmill Training on Motor Recovery after a Partial Spinal Cord Compression-Injury in the Adult Rat. Journal of Neurotrauma, 2003, 20, 699-706. | 1.7 | 74 |
| 10 | Nervous system injury: focus on the inflammatory cytokine α granulocyte-macrophage colony stimulating factor α ™. Neuroscience Letters, 2004, 361, 76-78. | 1.0 | 72 |
| 11 | Stem cells in the adult rat spinal cord: plasticity after injury and treadmill training exercise. Journal of Neurochemistry, 2010, 112, 762-772. | 2.1 | 61 |
| 12 | Concise Review: Spinal Cord Injuries: How Could Adult Mesenchymal and Neural Crest Stem Cells Take Up the Challenge?. Stem Cells, 2014, 32, 829-843. | 1.4 | 59 |
| 13 | Microtubule-associated protein 1B. Journal of Cell Biology, 2001, 155, 893-898. | 2.3 | 57 |
| 14 | Adult bone marrow mesenchymal and neural crest stem cells are chemoattractive and accelerate motor recovery in a mouse model of spinal cord injury. Stem Cell Research and Therapy, 2015, 6, 211. | 2.4 | 49 |
| 15 | Lack of estrogen increases pain in the trigeminal formalin model: a behavioural and immunocytochemical study of transgenic ArKO mice. Pain, 2005, 114, 257-265. | 2.0 | 44 |
| 16 | Repetitive transcranial magnetic stimulation improves open field locomotor recovery after low but not high thoracic spinal cord compression-injury in adult rats. Journal of Neuroscience Research, 2004, 75, 253-261. | 1.3 | 34 |
| 17 | Grafts of meningeal fibroblasts in adult rat spinal cord lesion promote axonal regrowth. NeuroReport, 1999, 10, 1551-1556. | 0.6 | 31 |
| 18 | Involvement of placental growth factor in Wallerian degeneration. Glia, 2011, 59, 379-396. | 2.5 | 31 |

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|----|---|-----|-----------|
| 19 | Evidence for Expression of Some Microtubule-Associated Protein 1B in Neurons as a Plasma Membrane Glycoprotein. <i>Journal of Neurochemistry</i> , 2002, 75, 553-562. | 2.1 | 30 |
| 20 | KIAA1199: A novel regulator of MEK/ERK-induced Schwann cell dedifferentiation. <i>Glia</i> , 2017, 65, 1682-1696. | 2.5 | 16 |
| 21 | Placental growth factor: a tissue modelling factor with therapeutic potentials in neurology?. <i>Acta Neurologica Belgica</i> , 2011, 111, 10-7. | 0.5 | 11 |
| 22 | Rapid, postmortem 9.4T MRI of spinal cord injury: Correlation with histology and survival times. <i>Journal of Neuroscience Methods</i> , 2008, 174, 157-167. | 1.3 | 8 |
| 23 | Effects of macrophage transplantation in the injured adult rat spinal cord: A combined immunocytochemical and biochemical study. <i>Journal of Neuroscience Research</i> , 1998, 51, 316-327. | 1.3 | 4 |
| 24 | Bone Marrow Stromal Stem Cells Transplantation in Mice with Acute Spinal Cord Injury. <i>Methods in Molecular Biology</i> , 2014, 1213, 257-264. | 0.4 | 4 |
| 25 | Cyclin-dependent kinase 7 contributes to myelin maintenance in the adult central nervous system and promotes myelin gene expression. <i>Glia</i> , 2022, , . | 2.5 | 1 |
| 26 | Editor's Note: Adult bone marrow mesenchymal and neural crest stem cells are chemoattractive and accelerate motor recovery in a mouse model of spinal cord injury. <i>Stem Cell Research and Therapy</i> , 2021, 12, 135. | 2.4 | 0 |