

# Francisco Javier Rodriguez

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,794  
citations

361045  
20  
h-index

329751  
37  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Ex Vivo and In Vitro Wnt Transcriptome Induced by Spinal Cord Injury in Rat Microglial Cells. <i>Brain Sciences</i> , 2022, 12, 708.	1.1	8
2	Effects of Wnt5a overexpression in spinal cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5150-5163.	1.6	5
3	Bioresorbable and Mechanically Optimized Nerve Guidance Conduit Based on a Naturally Derived Medium Chain Length Polyhydroxyalkanoate and Poly( $\mu$ -Caprolactone) Blend. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 672-689.	2.6	11
4	Frizzled 1 and Wnt1 as new potential therapeutic targets in the traumatically injured spinal cord. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4631-4662.	2.4	9
5	Efficacy of human HC016 cell transplants on neuroprotection and functional recovery in a rat model of acute spinal cord injury. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 319-333.	1.3	6
6	Spatio-temporal and Cellular Expression Patterns of PTK7 in the Healthy and Traumatically Injured Rat and Human Spinal Cord. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 1087-1103.	1.7	6
7	UV-Casting on Methacrylated PCL for the Production of a Peripheral Nerve Implant Containing an Array of Porous Aligned Microchannels. <i>Polymers</i> , 2020, 12, 971.	2.0	18
8	New insights into Wnt signaling alterations in amyotrophic lateral sclerosis: a potential therapeutic target?. <i>Neural Regeneration Research</i> , 2020, 15, 1580.	1.6	21
9	Synthetic bioresorbable poly- $\alpha$ -hydroxyesters as peripheral nerve guidance conduits; a review of material properties, design strategies and their efficacy to date. <i>Biomaterials Science</i> , 2019, 7, 4912-4943.	2.6	31
10	Wnt Signaling Alterations in the Human Spinal Cord of Amyotrophic Lateral Sclerosis Cases: Spotlight on Fz2 and Wnt5a. <i>Molecular Neurobiology</i> , 2019, 56, 6777-6791.	1.9	26
11	Targeting endothelin receptor signalling overcomes heterogeneity driven therapy failure. <i>EMBO Molecular Medicine</i> , 2017, 9, 1011-1029.	3.3	63
12	Influence of the Cation Adducts in the Analysis of Matrix-Assisted Laser Desorption Ionization Imaging Mass Spectrometry Data from Injury Models of Rat Spinal Cord. <i>Analytical Chemistry</i> , 2017, 89, 8565-8573.	3.2	11
13	Analysis of the expression of the Wnt family of proteins and its modulatory role on cytokine expression in non activated and activated astroglial cells. <i>Neuroscience Research</i> , 2017, 114, 16-29.	1.0	14
14	Wnts Are Expressed in the Ependymal Region of the Adult Spinal Cord. <i>Molecular Neurobiology</i> , 2017, 54, 6342-6355.	1.9	13
15	High Yield of Adult Oligodendrocyte Lineage Cells Obtained from Meningeal Biopsy. <i>Frontiers in Pharmacology</i> , 2017, 8, 703.	1.6	12
16	Wnt Signaling Alteration in the Spinal Cord of Amyotrophic Lateral Sclerosis Transgenic Mice: Special Focus on Frizzled-5 Cellular Expression Pattern. <i>PLoS ONE</i> , 2016, 11, e0155867.	1.1	13
17	Wnts Are Expressed in the Spinal Cord of Adult Mice and Are Differentially Induced after Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 565-581.	1.7	59
18	The Ryk Receptor Is Expressed in Glial and Fibronectin-Expressing Cells after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 806-817.	1.7	18

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19	Spatio-Temporal Expression Pattern of Frizzled Receptors after Contusive Spinal Cord Injury in Adult Rats. PLoS ONE, 2012, 7, e50793.	1.1	22
20	Acute Leptin Treatment Enhances Functional Recovery after Spinal Cord Injury. PLoS ONE, 2012, 7, e35594.	1.1	63
21	Nestin- and Doublecortin-Positive Cells Reside in Adult Spinal Cord Meninges and Participate in Injury-Induced Parenchymal Reaction. Stem Cells, 2011, 29, 2062-2076.	1.4	102
22	Differential Expression of Wnts after Spinal Cord Contusion Injury in Adult Rats. PLoS ONE, 2011, 6, e27000.	1.1	80
23	Effects of motor and sensory nerve transplants on amount and specificity of sciatic nerve regeneration. Journal of Neuroscience Research, 2007, 85, 2800-2812.	1.3	36
24	BMPs, FGF8 and Wnts regulate the differentiation of locus coeruleus noradrenergic neuronal precursors. Journal of Neurochemistry, 2006, 99, 343-352.	2.1	15
25	FK506 enhances regeneration of axons across long peripheral nerve gaps repaired with collagen guides seeded with allogeneic Schwann cells. Glia, 2004, 47, 120-129.	2.5	64
26	Regeneration and functional recovery following peripheral nerve injury. Drug Discovery Today: Disease Models, 2004, 1, 177-185.	1.2	59
27	Engineering an artificial nerve graft for the repair of severe nerve injuries. Medical and Biological Engineering and Computing, 2003, 41, 220-226.	1.6	31
28	Crucial role of TrkB ligands in the survival and phenotypic differentiation of developing locus coeruleus noradrenergic neurons. Development (Cambridge), 2003, 130, 3535-3545.	1.2	42
29	Differential regulation of midbrain dopaminergic neuron development by Wnt-1, Wnt-3a, and Wnt-5a. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12747-12752.	3.3	329
30	Nurr1-RXR heterodimers mediate RXR ligand-induced signaling in neuronal cells. Genes and Development, 2003, 17, 3036-3047.	2.7	111
31	Persephin-Overexpressing Neural Stem Cells Regulate the Function of Nigral Dopaminergic Neurons and Prevent Their Degeneration in a Model of Parkinson's Disease. Molecular and Cellular Neurosciences, 2002, 21, 205-222.	1.0	59
32	Alignment of collagen and laminin-containing gels improve nerve regeneration within silicone tubes. Restorative Neurology and Neuroscience, 2002, 20, 169-79.	0.4	89
33	Artificial nerve graft for the repair of peripheral nerve injuries. Neurological Sciences, 2001, 22, S7-S13.	0.9	11
34	Ensheathing glia transplants promote dorsal root regeneration and spinal reflex restitution after multiple lumbar rhizotomy. Annals of Neurology, 1999, 45, 207-215.	2.8	121
35	Physiological and immunohistochemical characterization of cisplatin-induced neuropathy in mice. , 1999, 22, 329-340.		79
36	Olfactory bulb ensheathing cells enhance peripheral nerve regeneration. NeuroReport, 1999, 10, 1097-1101.	0.6	85

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37	Improvement of regeneration with predegenerated nerve transplants in silicone chambers. Restorative Neurology and Neuroscience, 1999, 14, 65-79.	0.4	17
38	Emphysema as a Result of Involuntary Exposure to Tobacco Smoke: Morphometrical Study of the Rat. Experimental Lung Research, 1995, 21, 255-273.	0.5	35