

# Felipe A Court

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

5,929  
citations

126907

33  
h-index

123424

61  
g-index

67  
all docs

67  
docs citations

67  
times ranked

11340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	12.2	1,020
2	Wallerian degeneration of injured axons and synapses is delayed by a Ube4b/Nmnat chimeric gene. <i>Nature Neuroscience</i> , 2001, 4, 1199-1206.	14.8	661
3	XBP-1 deficiency in the nervous system protects against amyotrophic lateral sclerosis by increasing autophagy. <i>Genes and Development</i> , 2009, 23, 2294-2306.	5.9	463
4	Schwann cell-derived exosomes enhance axonal regeneration in the peripheral nervous system. <i>Glia</i> , 2013, 61, 1795-1806.	4.9	314
5	Neurofascins Are Required to Establish Axonal Domains for Saltatory Conduction. <i>Neuron</i> , 2005, 48, 737-742.	8.1	306
6	Emerging Roles of Extracellular Vesicles in the Nervous System. <i>Journal of Neuroscience</i> , 2014, 34, 15482-15489.	3.6	219
7	Schwann Cell to Axon Transfer of Ribosomes: Toward a Novel Understanding of the Role of Glia in the Nervous System. <i>Journal of Neuroscience</i> , 2008, 28, 11024-11029.	3.6	199
8	Restricted growth of Schwann cells lacking Cajal bands slows conduction in myelinated nerves. <i>Nature</i> , 2004, 431, 191-195.	27.8	187
9	Axonal Degeneration Is Mediated by the Mitochondrial Permeability Transition Pore. <i>Journal of Neuroscience</i> , 2011, 31, 966-978.	3.6	182
10	Mitochondria as a central sensor for axonal degenerative stimuli. <i>Trends in Neurosciences</i> , 2012, 35, 364-372.	8.6	181
11	Progressive abnormalities in skeletal muscle and neuromuscular junctions of transgenic mice expressing the Huntington's disease mutation. <i>European Journal of Neuroscience</i> , 2004, 20, 3092-3114.	2.6	151
12	Calcium Release from Intra-Axonal Endoplasmic Reticulum Leads to Axon Degeneration through Mitochondrial Dysfunction. <i>Journal of Neuroscience</i> , 2014, 34, 7179-7189.	3.6	147
13	Axonal Degeneration during Aging and Its Functional Role in Neurodegenerative Disorders. <i>Frontiers in Neuroscience</i> , 2017, 11, 451.	2.8	139
14	BAX inhibitor-1 regulates autophagy by controlling the IRE1 $\beta$ branch of the unfolded protein response. <i>EMBO Journal</i> , 2011, 30, 4465-4478.	7.8	105
15	Morphological evidence for a transport of ribosomes from Schwann cells to regenerating axons. <i>Glia</i> , 2011, 59, 1529-1539.	4.9	99
16	Schwann Cell Exosomes Mediate Neuron-Glia Communication and Enhance Axonal Regeneration. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 429-436.	3.3	82
17	$\beta$ 4 Integrin and Dystroglycan Cooperate to Stabilize the Myelin Sheath. <i>Journal of Neuroscience</i> , 2008, 28, 6714-6719.	3.6	78
18	Activation of the unfolded protein response promotes axonal regeneration after peripheral nerve injury. <i>Scientific Reports</i> , 2016, 6, 21709.	3.3	76

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19	Basal lamina: Schwann cells wrap to the rhythm of space-time. <i>Current Opinion in Neurobiology</i> , 2006, 16, 501-507.	4.2	75
20	Transfer of Vesicles From Schwann Cells to Axons: a Novel Mechanism of Communication in the Peripheral Nervous System. <i>Frontiers in Physiology</i> , 2012, 3, 205.	2.8	75
21	The necroptosis machinery mediates axonal degeneration in a model of Parkinson disease. <i>Cell Death and Differentiation</i> , 2020, 27, 1169-1185.	11.2	71
22	Functional Role of the Disulfide Isomerase ERp57 in Axonal Regeneration. <i>PLoS ONE</i> , 2015, 10, e0136620.	2.5	70
23	Dementia in Latin America: Paving the way toward a regional action plan. <i>Alzheimer's and Dementia</i> , 2021, 17, 295-313.	0.8	68
24	Identity, developmental restriction and reactivity of extralaminar cells capping mammalian neuromuscular junctions. <i>Journal of Cell Science</i> , 2008, 121, 3901-3911.	2.0	63
25	A Laminin-2, Dystroglycan, Utrophin Axis Is Required for Compartmentalization and Elongation of Myelin Segments. <i>Journal of Neuroscience</i> , 2009, 29, 3908-3919.	3.6	61
26	Diapause Formation and Downregulation of Insulin-Like Signaling via DAF-16/FOXO Delays Axonal Degeneration and Neuronal Loss. <i>PLoS Genetics</i> , 2012, 8, e1003141.	3.5	59
27	Axonal degeneration induced by glutamate-excitotoxicity is mediated by necroptosis. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	53
28	Axonal Degeneration Is Mediated by Necroptosis Activation. <i>Journal of Neuroscience</i> , 2019, 39, 3832-3844.	3.6	49
29	Schwann cell reprogramming into repair cells increases exosome-loaded miRNA-21 promoting axonal growth. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	46
30	MMP2-9 Cleavage of Dystroglycan Alters the Size and Molecular Composition of Schwann Cell Domains. <i>Journal of Neuroscience</i> , 2011, 31, 12208-12217.	3.6	43
31	Altered potassium channel distribution and composition in myelinated axons suppresses hyperexcitability following injury. <i>ELife</i> , 2016, 5, e12661.	6.0	43
32	Molecular analysis of axonal-intrinsic and glial-associated co-regulation of axon degeneration. <i>Cell Death and Disease</i> , 2017, 8, e3166-e3166.	6.3	41
33	Axons provide the secretory machinery for trafficking of voltage-gated sodium channels in peripheral nerve. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1823-1828.	7.1	39
34	A BAX/BAK and Cyclophilin D-Independent Intrinsic Apoptosis Pathway. <i>PLoS ONE</i> , 2012, 7, e37782.	2.5	33
35	Resistance of leukemia cells to cytarabine chemotherapy is mediated by bone marrow stroma, involves cell-surface equilibrative nucleoside transporter-1 removal and correlates with patient outcome. <i>Oncotarget</i> , 2017, 8, 23073-23086.	1.8	32
36	The inhibition of CTGF/CCN2 activity improves muscle and locomotor function in a murine ALS model. <i>Human Molecular Genetics</i> , 2018, 27, 2913-2926.	2.9	29

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37	Remodeling of motor nerve terminals in demyelinating axons of periaxin <sup>-/-</sup> mice. <i>Glia</i> , 2008, 56, 471-479.	4.9	28
38	Axonal Degeneration in AD: The Contribution of A $\beta$ and Tau. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 581767.	3.4	28
39	A $\beta$ oligomers trigger necroptosis-mediated neurodegeneration via microglia activation in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2022, 10, 31.	5.2	28
40	Abrogation of Prostaglandin E2/EP4 Signaling Impairs the Development of rag1+ Lymphoid Precursors in the Thymus of Zebrafish Embryos. <i>Journal of Immunology</i> , 2007, 179, 357-364.	0.8	25
41	Herpes Simplex Virus Type 1 Neuronal Infection Perturbs Golgi Apparatus Integrity through Activation of Src Tyrosine Kinase and Dyn-2 GTPase. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 371.	3.9	25
42	Injury to the nervous system: A look into the ER. <i>Brain Research</i> , 2016, 1648, 617-625.	2.2	23
43	Local regulation of the axonal phenotype, a case of merotrophism. <i>Biological Research</i> , 2005, 38, 365.	3.4	22
44	Origin of axonal proteins: Is the axon-Schwann cell unit a functional syncytium?. <i>Cytoskeleton</i> , 2016, 73, 629-639.	2.0	22
45	ApoER2 and Reelin are expressed in regenerating peripheral nerve and regulate Schwann cell migration by activating the Rac1 GEF protein, Tiam1. <i>Molecular and Cellular Neurosciences</i> , 2015, 69, 1-11.	2.2	19
46	Nerve regeneration in Wlds mice is normalized by actinomycin D. <i>Brain Research</i> , 2000, 867, 1-8.	2.2	18
47	Purification of Exosomes from Primary Schwann Cells, RNA Extraction, and Next-Generation Sequencing of Exosomal RNAs. <i>Methods in Molecular Biology</i> , 2018, 1739, 299-315.	0.9	15
48	Altered mitochondrial bioenergetics are responsible for the delay in Wallerian degeneration observed in neonatal mice. <i>Neurobiology of Disease</i> , 2019, 130, 104496.	4.4	15
49	The p75NTR neurotrophin receptor is required to organize the mature neuromuscular synapse by regulating synaptic vesicle availability. <i>Acta Neuropathologica Communications</i> , 2019, 7, 147.	5.2	13
50	The necroptosis pathway and its role in age-related neurodegenerative diseases: will it open up new therapeutic avenues in the next decade?. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 679-693.	3.4	13
51	A dual role for Integrin $\alpha$ 6 $\beta$ 4 in modulating hereditary neuropathy with liability to pressure palsies. <i>Journal of Neurochemistry</i> , 2018, 145, 245-257.	3.9	11
52	Local regulation of the axonal phenotype, a case of merotrophism. <i>Biological Research</i> , 2005, 38, 365-74.	3.4	11
53	Enhanced Activity of Exportin-1/CRM1 in Neurons Contributes to Autophagy Dysfunction and Senescent Features in Old Mouse Brain. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-22.	4.0	9
54	Schwann Cell and Axon: An Interlaced Unit—From Action Potential to Phenotype Expression. <i>Advances in Experimental Medicine and Biology</i> , 2016, 949, 183-201.	1.6	8

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55	Slow axoplasmic transport under scrutiny. <i>Biological Research</i> , 2011, 44, 311-321.	3.4	8
56	Compartmentalized necroptosis activation in excitotoxicity-induced axonal degeneration: a novel mechanism implicated in neurodegenerative disease pathology. <i>Neural Regeneration Research</i> , 2019, 14, 1385.	3.0	7
57	Teased Fiber Preparation of Myelinated Nerve Fibers from Peripheral Nerves for Vital Dye Staining and Immunofluorescence Analysis. <i>Methods in Molecular Biology</i> , 2018, 1739, 329-337.	0.9	6
58	In Vitro Analysis of the Role of Schwann Cells on Axonal Degeneration and Regeneration Using Sensory Neurons from Dorsal Root Ganglia. <i>Methods in Molecular Biology</i> , 2018, 1739, 255-267.	0.9	4
59	New insights on the molecular mechanisms of collateral sprouting after peripheral nerve injury. <i>Neural Regeneration Research</i> , 2021, 16, 1760.	3.0	4
60	Bursting the unfolded protein response accelerates axonal regeneration. <i>Neural Regeneration Research</i> , 2016, 11, 892.	3.0	3
61	Implications of demyelination for the structure and function of the neuromuscular junction. , 2002, , 12-14.		0
62	Ex Vivo Analysis of Axonal Degeneration Using Sciatic and Optic Nerve Preparations. <i>Methods in Molecular Biology</i> , 2020, 2143, 179-189.	0.9	0