

Xin-Peng Dun

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,033
citations

394286

19
h-index

526166

27
g-index

28
all docs

28
docs citations

28
times ranked

1452
citing authors

#	ARTICLE	IF	CITATIONS
1	Migrating Schwann cells direct axon regeneration within the peripheral nerve bridge. <i>Glia</i> , 2021, 69, 235-254.	2.5	124
2	Role of Netrin-1 Signaling in Nerve Regeneration. <i>International Journal of Molecular Sciences</i> , 2017, 18, 491.	1.8	94
3	Merlin controls the repair capacity of Schwann cells after injury by regulating Hippo/YAP activity. <i>Journal of Cell Biology</i> , 2017, 216, 495-510.	2.3	88
4	Sox2 expression in Schwann cells inhibits myelination in vivo and induces influx of macrophages to the nerve. <i>Development (Cambridge)</i> , 2017, 144, 3114-3125.	1.2	75
5	Regulation of Schwann cell differentiation and proliferation by the Pax3 transcription factor. <i>Glia</i> , 2012, 60, 1269-1278.	2.5	51
6	Merlin isoform 2 in neurofibromatosis type 2-associated polyneuropathy. <i>Nature Neuroscience</i> , 2013, 16, 426-433.	7.1	51
7	Visualizing Peripheral Nerve Regeneration by Whole Mount Staining. <i>PLoS ONE</i> , 2015, 10, e0119168.	1.1	48
8	Drebrin controls neuronal migration through the formation and alignment of the leading process. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 341-350.	1.0	45
9	Expression patterns of Slit and Robo family members in adult mouse spinal cord and peripheral nervous system. <i>PLoS ONE</i> , 2017, 12, e0172736.	1.1	39
10	Drebrin coordinates the actin and microtubule cytoskeleton during the initiation of axon collateral branches. <i>Developmental Neurobiology</i> , 2016, 76, 1092-1110.	1.5	37
11	Loss of SOX10 function contributes to the phenotype of human Merlin-null schwannoma cells. <i>Brain</i> , 2013, 136, 549-563.	3.7	35
12	Single Cell Transcriptome Data Analysis Defines the Heterogeneity of Peripheral Nerve Cells in Homeostasis and Regeneration. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 624826.	1.8	34
13	Classic axon guidance molecules control correct nerve bridge tissue formation and precise axon regeneration. <i>Neural Regeneration Research</i> , 2020, 15, 6.	1.6	34
14	Control of cell shape and plasticity during development and disease by the actin-binding protein Drebrin. <i>Histology and Histopathology</i> , 2010, 25, 533-40.	0.5	34
15	Analysis of Schwann Cell Migration and Axon Regeneration Following Nerve Injury in the Sciatic Nerve Bridge. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 308.	1.4	33
16	Distinct VIP and PACAP Functions in the Distal Nerve Stump During Peripheral Nerve Regeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 1326.	1.4	23
17	Dynamic expression of Slit3 and Robo2 in the mouse peripheral nervous system after injury. <i>Neural Regeneration Research</i> , 2020, 15, 948.	1.6	20
18	The role of p38alpha in Schwann cells in regulating peripheral nerve myelination and repair. <i>Journal of Neurochemistry</i> , 2017, 141, 37-47.	2.1	19

#	ARTICLE	IF	CITATIONS
19	Grape Seed Proanthocyanidin Extract Ameliorates Streptozotocin-induced Cognitive and Synaptic Plasticity Deficits by Inhibiting Oxidative Stress and Preserving AKT and ERK Activities. <i>Current Medical Science</i> , 2020, 40, 434-443.	0.7	18
20	Transection and Crush Models of Nerve Injury to Measure Repair and Remyelination in Peripheral Nerve. <i>Methods in Molecular Biology</i> , 2018, 1791, 251-262.	0.4	17
21	FGF5 Regulates Schwann Cell Migration and Adhesion. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 237.	1.8	13
22	Loc680254 regulates Schwann cell proliferation through Psrc1 and Ska1 as a <scp>microRNA</scp> sponge following sciatic nerve injury. <i>Glia</i> , 2021, 69, 2391-2403.	2.5	11
23	Origin of climbing fiber neurons and the definition of rhombic lip. <i>International Journal of Developmental Neuroscience</i> , 2012, 30, 391-395.	0.7	10
24	Whole Mount Immunostaining on Mouse Sciatic Nerves to Visualize Events of Peripheral Nerve Regeneration. <i>Methods in Molecular Biology</i> , 2018, 1739, 339-348.	0.4	7
25	Knockdown of slit signaling during limb development leads to a reduction in humerus length. <i>Developmental Dynamics</i> , 2021, 250, 1340-1357.	0.8	7
26	Sox2 expression in Schwann cells inhibits myelination in vivo and induces influx of macrophages to the nerve. <i>Journal of Cell Science</i> , 2017, 130, e1.2-e1.2.	1.2	2