

Brett J Hilton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8528112/publications.pdf>

Version: 2024-02-01

21
papers

1,693
citations

516215

16
h-index

752256

20
g-index

25
all docs

25
docs citations

25
times ranked

2334
citing authors

#	ARTICLE	IF	CITATIONS
1	An active vesicle priming machinery suppresses axon regeneration upon adult CNS injury. <i>Neuron</i> , 2022, 110, 51-69.e7.	3.8	40
2	RhoA drives actin compaction to restrict axon regeneration and astrocyte reactivity after CNS injury. <i>Neuron</i> , 2021, 109, 3436-3455.e9.	3.8	54
3	The fate and function of oligodendrocyte progenitor cells after traumatic spinal cord injury. <i>Glia</i> , 2020, 68, 227-245.	2.5	63
4	Growing Myelin around Regenerated Axons after CNS Injury. <i>Neuron</i> , 2020, 108, 797-798.	3.8	0
5	ADF/Cofilin-Mediated Actin Turnover Promotes Axon Regeneration in the Adult CNS. <i>Neuron</i> , 2019, 103, 1073-1085.e6.	3.8	71
6	RhoA Controls Axon Extension Independent of Specification in the Developing Brain. <i>Current Biology</i> , 2019, 29, 3874-3886.e9.	1.8	71
7	High-resolution 3D imaging and analysis of axon regeneration in unsectioned spinal cord with or without tissue clearing. <i>Nature Protocols</i> , 2019, 14, 1235-1260.	5.5	25
8	Imaging in vivo dynamics of sensory axon responses to CNS injury. <i>Experimental Neurology</i> , 2019, 317, 110-118.	2.0	6
9	A brainstem bypass for spinal cord injury. <i>Nature Neuroscience</i> , 2018, 21, 457-458.	7.1	8
10	Locomotor recovery following contusive spinal cord injury does not require oligodendrocyte remyelination. <i>Nature Communications</i> , 2018, 9, 3066.	5.8	78
11	Cell transplantation therapy for spinal cord injury. <i>Nature Neuroscience</i> , 2017, 20, 637-647.	7.1	612
12	Neuroprotection and secondary damage following spinal cord injury: concepts and methods. <i>Neuroscience Letters</i> , 2017, 652, 3-10.	1.0	78
13	Can injured adult CNS axons regenerate by recapitulating development?. <i>Development (Cambridge)</i> , 2017, 144, 3417-3429.	1.2	106
14	Re-Establishment of Cortical Motor Output Maps and Spontaneous Functional Recovery via Spared Dorsolaterally Projecting Corticospinal Neurons after Dorsal Column Spinal Cord Injury in Adult Mice. <i>Journal of Neuroscience</i> , 2016, 36, 4080-4092.	1.7	84
15	Evidence for an Age-Dependent Decline in Axon Regeneration in the Adult Mammalian Central Nervous System. <i>Cell Reports</i> , 2016, 15, 238-246.	2.9	117
16	Canonical Wnt Signalling in PDGFR \pm -Expressing Cells is a Critical Regulator of Astroglial and Axon Regeneration following CNS Injury. <i>Journal of Neuroscience</i> , 2014, 34, 16163-16165.	1.7	5
17	Ministrokes in Channelrhodopsin-2 Transgenic Mice Reveal Widespread Deficits in Motor Output Despite Maintenance of Cortical Neuronal Excitability. <i>Journal of Neuroscience</i> , 2014, 34, 1094-1104.	1.7	26
18	Dorsolateral Funiculus Lesioning of the Mouse Cervical Spinal Cord at C4 but Not at C6 Results in Sustained Forelimb Motor Deficits. <i>Journal of Neurotrauma</i> , 2013, 30, 1070-1083.	1.7	35

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19	Ketogenic Diet Improves Forelimb Motor Function after Spinal Cord Injury in Rodents. PLoS ONE, 2013, 8, e78765.	1.1	91
20	Keratan Sulfate Proteoglycans in Plasticity and Recovery after Spinal Cord Injury: Figure 1.. Journal of Neuroscience, 2012, 32, 4331-4333.	1.7	13
21	Effects of temperature, season and locality on wasting disease in the keystone predatory sea star <i>Pisaster ochraceus</i> . Diseases of Aquatic Organisms, 2009, 86, 245-251.	0.5	109