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	1,693	516215 16	752256 20
papers	citations	h-index	g-index

25	25	25	2334
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cell transplantation therapy for spinal cord injury. Nature Neuroscience, 2017, 20, 637-647.	7.1	612
2	Evidence for an Age-Dependent Decline in Axon Regeneration in the Adult Mammalian Central Nervous System. Cell Reports, 2016, 15, 238-246.	2.9	117
3	Effects of temperature, season and locality on wasting disease in the keystone predatory sea star Pisaster ochraceus. Diseases of Aquatic Organisms, 2009, 86, 245-251.	0.5	109
4	Can injured adult CNS axons regenerate by recapitulating development?. Development (Cambridge), 2017, 144, 3417-3429.	1.2	106
5	Ketogenic Diet Improves Forelimb Motor Function after Spinal Cord Injury in Rodents. PLoS ONE, 2013, 8, e78765.	1.1	91
6	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. Journal of Neuroscience, 2016, 36, 4080-4092.	1.7	84
7	Neuroprotection and secondary damage following spinal cord injury: concepts and methods. Neuroscience Letters, 2017, 652, 3-10.	1.0	78
8	Locomotor recovery following contusive spinal cord injury does not require oligodendrocyte remyelination. Nature Communications, 2018, 9, 3066.	5.8	78
9	ADF/Cofilin-Mediated Actin Turnover Promotes Axon Regeneration in the Adult CNS. Neuron, 2019, 103, 1073-1085.e6.	3.8	71
10	RhoA Controls Axon Extension Independent of Specification in the Developing Brain. Current Biology, 2019, 29, 3874-3886.e9.	1.8	71
11	The fate and function of oligodendrocyte progenitor cells after traumatic spinal cord injury. Glia, 2020, 68, 227-245.	2.5	63
12	RhoA drives actin compaction to restrict axon regeneration and astrocyte reactivity after CNS injury. Neuron, 2021, 109, 3436-3455.e9.	3.8	54
13	An active vesicle priming machinery suppresses axon regeneration upon adult CNS injury. Neuron, 2022, 110, 51-69.e7.	3.8	40
14	Dorsolateral Funiculus Lesioning of the Mouse Cervical Spinal Cord at C4 but Not at C6 Results in Sustained Forelimb Motor Deficits. Journal of Neurotrauma, 2013, 30, 1070-1083.	1.7	35
15	Ministrokes in Channelrhodopsin-2 Transgenic Mice Reveal Widespread Deficits in Motor Output Despite Maintenance of Cortical Neuronal Excitability. Journal of Neuroscience, 2014, 34, 1094-1104.	1.7	26
16	High-resolution 3D imaging and analysis of axon regeneration in unsectioned spinal cord with or without tissue clearing. Nature Protocols, 2019, 14, 1235-1260.	5.5	25
17	Keratan Sulfate Proteoglycans in Plasticity and Recovery after Spinal Cord Injury: Figure 1.. Journal of Neuroscience, 2012, 32, 4331-4333.	1.7	13
18	A brainstem bypass for spinal cord injury. Nature Neuroscience, 2018, 21, 457-458.	7.1	8

#	Article	IF	Citations
19	Imaging in vivo dynamics of sensory axon responses to CNS injury. Experimental Neurology, 2019, 317, 110-118.	2.0	6
20	Canonical Wnt Signalling in PDGFRÎ±-Expressing Cells is a Critical Regulator of Astrogliosis and Axon Regeneration following CNS Injury. Journal of Neuroscience, 2014, 34, 16163-16165.	1.7	5
21	Growing Myelin around Regenerated Axons after CNS Injury. Neuron, 2020, 108, 797-798.	3.8	0