

Florence M Bareyre

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,208
citations

567281

15
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

2509
citing authors

#	ARTICLE	IF	CITATIONS
1	The injured spinal cord spontaneously forms a new intraspinal circuit in adult rats. <i>Nature Neuroscience</i> , 2004, 7, 269-277.	14.8	980
2	Transgenic labeling of the corticospinal tract for monitoring axonal responses to spinal cord injury. <i>Nature Medicine</i> , 2005, 11, 1355-1360.	30.7	183
3	In vivo imaging reveals a phase-specific role of STAT3 during central and peripheral nervous system axon regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6282-6287.	7.1	183
4	Long-Lasting Sprouting and Gene Expression Changes Induced by the Monoclonal Antibody IN-1 in the Adult Spinal Cord. <i>Journal of Neuroscience</i> , 2002, 22, 7097-7110.	3.6	182
5	Multiparametric optical analysis of mitochondrial redox signals during neuronal physiology and pathology in vivo. <i>Nature Medicine</i> , 2014, 20, 555-560.	30.7	143
6	Remodeling of Axonal Connections Contributes to Recovery in an Animal Model of Multiple Sclerosis. <i>Journal of Experimental Medicine</i> , 2004, 200, 1027-1038.	8.5	128
7	STAT3 promotes corticospinal remodelling and functional recovery after spinal cord injury. <i>EMBO Reports</i> , 2013, 14, 931-937.	4.5	80
8	Neuronal repair and replacement in spinal cord injury. <i>Journal of the Neurological Sciences</i> , 2008, 265, 63-72.	0.6	53
9	Rehabilitation following spinal cord injury: how animal models can help our understanding of exercise-induced neuroplasticity. <i>Neural Regeneration Research</i> , 2019, 14, 405.	3.0	46
10	<scp>FGF</scp> 22 signaling regulates synapse formation during postâ€injury remodeling of the spinal cord. <i>EMBO Journal</i> , 2015, 34, 1231-1243.	7.8	41
11	Single Collateral Reconstructions Reveal Distinct Phases of Corticospinal Remodeling after Spinal Cord Injury. <i>PLoS ONE</i> , 2012, 7, e30461.	2.5	40
12	Enhanced Voluntary Exercise Improves Functional Recovery following Spinal Cord Injury by Impacting the Local Neuroglial Injury Response and Supporting the Rewiring of Supraspinal Circuits. <i>Journal of Neurotrauma</i> , 2018, 35, 2904-2915.	3.4	29
13	Heterotopic Transcallosal Projections Are Present throughout the Mouse Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 36.	3.7	23
14	Corticospinal circuit remodeling after central nervous system injury is dependent on neuronal activity. <i>Journal of Experimental Medicine</i> , 2019, 216, 2503-2514.	8.5	23
15	Abundant Expression of Guidance and Synaptogenic Molecules in the Injured Spinal Cord. <i>PLoS ONE</i> , 2014, 9, e88449.	2.5	17
16	Semaphorin 7A restricts serotonergic innervation and ensures recovery after spinal cord injury. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2911-2927.	5.4	11
17	A deep learning-based toolbox for Automated Limb Motion Analysis (ALMA) in murine models of neurological disorders. <i>Communications Biology</i> , 2022, 5, 131.	4.4	10
18	Formation of somatosensory detour circuits mediates functional recovery following dorsal column injury. <i>Scientific Reports</i> , 2020, 10, 10953.	3.3	9

#	ARTICLE	IF	CITATIONS
19	Physicochemical and biological evaluation of a cinnamamide derivative (2 <i>R,S</i> -(2 <i>E</i>)-1-(3-hydroxypiperidin-1-yl)-3-phenylprop-2-en-1-one (KM608) for nervous system disorders. <i>Chemical Biology and Drug Design</i> , 2017, 90, 244-253.	2.2	3
20	Regulation of axonal remodeling following spinal cord injury. <i>Neural Regeneration Research</i> , 2015, 10, 1555.	3.0	6
21	Chemogenetic approaches to unravel circuit wiring and related behavior after spinal cord injury. <i>Experimental Neurology</i> , 2021, 345, 113839.	4.1	4
22	Combining molecular intervention with in vivo imaging to untangle mechanisms of axon pathology and outgrowth following spinal cord injury. <i>Experimental Neurology</i> , 2019, 318, 1-11.	4.1	3
23	Four N-(E)-cinnamoyl (cinnamamide) derivatives of aminoalkanols with promising anticonvulsant and analgesic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1298-1303.	2.2	3
24	Selective plasticity of callosal neurons in the adult contralesional cortex following murine traumatic brain injury. <i>Nature Communications</i> , 2022, 13, 2659.	12.8	3
25	Semaphorin7A: its role in the control of serotonergic circuits and functional recovery following spinal cord injury. <i>Neural Regeneration Research</i> , 2022, 17, 959.	3.0	1