

# 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	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
2	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
3	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
4	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
5	Chemogenetic approaches to unravel circuit wiring and related behavior after spinal cord injury. <i>Experimental Neurology</i> , 2021, 345, 113839.	4.1	4
6	Formation of somatosensory detour circuits mediates functional recovery following dorsal column injury. <i>Scientific Reports</i> , 2020, 10, 10953.	3.3	9
7	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
8	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
9	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
10	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
11	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
12	Physicochemical and biological evaluation of a cinnamamide derivative (R,S)-1-(3-(4-hydroxypiperidin-1-yl)phenyl)propan-2-one (KM608) for nervous system disorders. <i>Chemical Biology and Drug Design</i> , 2017, 90, 244-253.	3.2	2
13	Heterotopic Transcallosal Projections Are Present throughout the Mouse Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 36.	3.7	23
14	FGF22 signaling regulates synapse formation during post-injury remodeling of the spinal cord. <i>EMBO Journal</i> , 2015, 34, 1231-1243.	7.8	41
15	Regulation of axonal remodeling following spinal cord injury. <i>Neural Regeneration Research</i> , 2015, 10, 1555.	3.0	6
16	Abundant Expression of Guidance and Synaptogenic Molecules in the Injured Spinal Cord. <i>PLoS ONE</i> , 2014, 9, e88449.	2.5	17
17	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
18	STAT3 promotes corticospinal remodelling and functional recovery after spinal cord injury. <i>EMBO Reports</i> , 2013, 14, 931-937.	4.5	80

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19	Single Collateral Reconstructions Reveal Distinct Phases of Corticospinal Remodeling after Spinal Cord Injury. PLoS ONE, 2012, 7, e30461.	2.5	40
20	In vivo imaging reveals a phase-specific role of STAT3 during central and peripheral nervous system axon regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6282-6287.	7.1	183
21	Neuronal repair and replacement in spinal cord injury. Journal of the Neurological Sciences, 2008, 265, 63-72.	0.6	53
22	Transgenic labeling of the corticospinal tract for monitoring axonal responses to spinal cord injury. Nature Medicine, 2005, 11, 1355-1360.	30.7	183
23	Remodeling of Axonal Connections Contributes to Recovery in an Animal Model of Multiple Sclerosis. Journal of Experimental Medicine, 2004, 200, 1027-1038.	8.5	128
24	The injured spinal cord spontaneously forms a new intraspinal circuit in adult rats. Nature Neuroscience, 2004, 7, 269-277.	14.8	980
25	Long-Lasting Sprouting and Gene Expression Changes Induced by the Monoclonal Antibody IN-1 in the Adult Spinal Cord. Journal of Neuroscience, 2002, 22, 7097-7110.	3.6	182