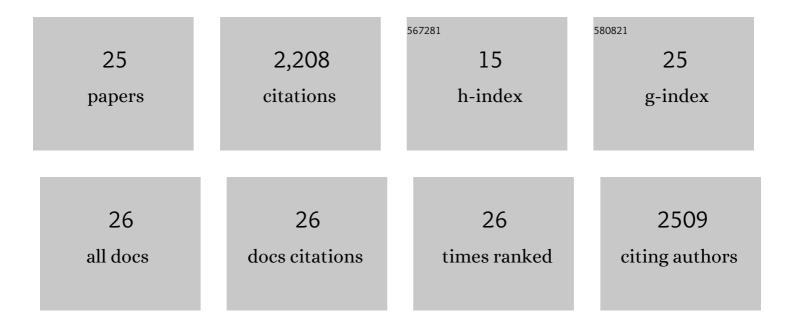
## Florence M Bareyre

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The injured spinal cord spontaneously forms a new intraspinal circuit in adult rats. Nature Neuroscience, 2004, 7, 269-277.	14.8	980
2	Transgenic labeling of the corticospinal tract for monitoring axonal responses to spinal cord injury. Nature Medicine, 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. Proceedings of the National Academy of Sciences of the United States of America, 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. Journal of Neuroscience, 2002, 22, 7097-7110.	3.6	182
5	Multiparametric optical analysis of mitochondrial redox signals during neuronal physiology and pathology in vivo. Nature Medicine, 2014, 20, 555-560.	30.7	143
6	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
7	STAT3 promotes corticospinal remodelling and functional recovery after spinal cord injury. EMBO Reports, 2013, 14, 931-937.	4.5	80
8	Neuronal repair and replacement in spinal cord injury. Journal of the Neurological Sciences, 2008, 265, 63-72.	0.6	53
9	Rehabilitation following spinal cord injury: how animal models can help our understanding of exercise-induced neuroplasticity. Neural Regeneration Research, 2019, 14, 405.	3.0	46
10	<scp>FGF</scp> 22 signaling regulates synapse formation during postâ€injury remodeling of the spinal cord. EMBO Journal, 2015, 34, 1231-1243.	7.8	41
11	Single Collateral Reconstructions Reveal Distinct Phases of Corticospinal Remodeling after Spinal Cord Injury. PLoS ONE, 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. Journal of Neurotrauma, 2018, 35, 2904-2915.	3.4	29
13	Heterotopic Transcallosal Projections Are Present throughout the Mouse Cortex. Frontiers in Cellular Neuroscience, 2017, 11, 36.	3.7	23
14	Corticospinal circuit remodeling after central nervous system injury is dependent on neuronal activity. Journal of Experimental Medicine, 2019, 216, 2503-2514.	8.5	23
15	Abundant Expression of Guidance and Synaptogenic Molecules in the Injured Spinal Cord. PLoS ONE, 2014, 9, e88449.	2.5	17
16	Semaphorin 7A restricts serotonergic innervation and ensures recovery after spinal cord injury. Cellular and Molecular Life Sciences, 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. Communications Biology, 2022, 5, 131.	4.4	10
18	Formation of somatosensory detour circuits mediates functional recovery following dorsal column injury. Scientific Reports, 2020, 10, 10953.	3.3	9

#	Article	IF	CITATIONS
19	Physicochemical and biological evaluation of a cinnamamide derivative <i>R,S</i> â€(2 <i>E</i> )â€1â€(3â€hydroxypiperidinâ€1â€yl)â€3â€phenylpropâ€2â€enâ€1â€one (KMâ€608) for Chemical Biology and Drug Design, 2017, 90, 244-253.	nen vaous s	ystem disord
20	Regulation of axonal remodeling following spinal cord injury. Neural Regeneration Research, 2015, 10, 1555.	3.0	6
21	Chemogenetic approaches to unravel circuit wiring and related behavior after spinal cord injury. Experimental Neurology, 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. Experimental Neurology, 2019, 318, 1-11.	4.1	3
23	Four N-(E)-cinnamoyl (cinnamamide) derivatives of aminoalkanols with promising anticonvulsant and analgesic activity. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1298-1303.	2.2	3
24	Selective plasticity of callosal neurons in the adult contralesional cortex following murine traumatic brain injury. Nature Communications, 2022, 13, 2659.	12.8	3
25	Semaphorin7A: its role in the control of serotonergic circuits and functional recovery following spinal cord injury. Neural Regeneration Research, 2022, 17, 959.	3.0	1