

# Christiane Charriaut-Marlangue

## List of Publications by Year in descending order

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29  
papers

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citations

394421

19  
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477307

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g-index

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29  
docs citations

29  
times ranked

1376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific caspase inhibitor Qâ€V Dâ€™OPh prevents neonatal stroke in P7 rat: a role for gender. <i>Journal of Neurochemistry</i> , 2007, 100, 1062-1071.	3.9	160
2	Gender-Related Differences in Apoptotic Pathways After Neonatal Cerebral Ischemia. <i>Neuroscientist</i> , 2008, 14, 46-52.	3.5	93
3	Sexually Dimorphic Outcomes after Neonatal Stroke and Hypoxia-Ischemia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 61.	4.1	81
4	Endothelial S1P <sub>1</sub> Signaling Counteracts Infarct Expansion in Ischemic Stroke. <i>Circulation Research</i> , 2021, 128, 363-382.	4.5	71
5	Inhaled Nitric Oxide Reduces Brain Damage by Collateral Recruitment in a Neonatal Stroke Model. <i>Stroke</i> , 2012, 43, 3078-3084.	2.0	67
6	Diabetic Microangiopathy: Impact of Impaired Cerebral Vasoreactivity and Delayed Angiogenesis After Permanent Middle Cerebral Artery Occlusion on Stroke Damage and Cerebral Repair in Mice. <i>Diabetes</i> , 2015, 64, 999-1010.	0.6	56
7	Sildenafil Mediates Blood-Flow Redistribution and Neuroprotection After Neonatal Hypoxia-Ischemia. <i>Stroke</i> , 2014, 45, 850-856.	2.0	54
8	Sildenafil, a cyclic GMP phosphodiesterase inhibitor, induces microglial modulation after focal ischemia in the neonatal mouse brain. <i>Journal of Neuroinflammation</i> , 2016, 13, 95.	7.2	47
9	Nitric oxide signaling in the brain: A new target for inhaled nitric oxide?. <i>Annals of Neurology</i> , 2013, 73, 442-448.	5.3	41
10	Impact of intracranial blood-flow redistribution on stroke size during ischemiaâ€™reperfusion in 7-day-old rats. <i>Journal of Neuroscience Methods</i> , 2011, 198, 103-109.	2.5	39
11	Inhaled NO prevents hyperoxia-induced white matter damage in neonatal rats. <i>Experimental Neurology</i> , 2014, 252, 114-123.	4.1	35
12	Distribution of Poly(ADP-ribosyl)ation and Cell Death After Cerebral Ischemia in the Neonatal Rat. <i>Pediatric Research</i> , 2003, 53, 776-782.	2.3	34
13	Early Sex Differences in the Immune-Inflammatory Responses to Neonatal Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3809.	4.1	31
14	Unilateral Blood Flow Decrease Induces Bilateral and Symmetric Responses in the Immature Brain. <i>American Journal of Pathology</i> , 2009, 175, 2111-2120.	3.8	30
15	Sex differences in the effects of PARP inhibition on microglial phenotypes following neonatal stroke. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 375-389.	4.1	30
16	Astrocytic Demise in the Developing Rat and Human Brain after Hypoxic-Ischemic Damage. <i>Developmental Neuroscience</i> , 2009, 31, 459-470.	2.0	28
17	Early Collateral Recruitment After Stroke in Infants and Adults. <i>Stroke</i> , 2019, 50, 2604-2611.	2.0	26
18	Glial response to 17 $\beta$ -estradiol in neonatal rats with excitotoxic brain injury. <i>Experimental Neurology</i> , 2016, 282, 56-65.	4.1	25

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19	Dual action of NO synthases on blood flow and infarct volume consecutive to neonatal focal cerebral ischemia. <i>Experimental Neurology</i> , 2012, 236, 50-57.	4.1	23
20	Dynamic Spatio-Temporal Imaging of Early Reflow in a Neonatal Rat Stroke Model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 137-145.	4.3	16
21	A Model of Perinatal Ischemic Stroke in the Rat: 20 Years Already and What Lessons?. <i>Frontiers in Neurology</i> , 2018, 9, 650.	2.4	12
22	Cyclooxygenase-2-Derived Prostaglandins Mediate Cerebral Microcirculation in a Juvenile Ischemic Rat Model. <i>Stroke</i> , 2016, 47, 3048-3052.	2.0	11
23	Collateral Supply in Preclinical Cerebral Stroke Models. <i>Translational Stroke Research</i> , 2021, , 1.	4.2	11
24	Ischemic Postconditioning Fails to Protect against Neonatal Cerebral Stroke. <i>PLoS ONE</i> , 2012, 7, e49695.	2.5	8
25	Ischemic postconditioning in cerebral ischemia: Differences between the immature and mature brain?. <i>International Journal of Developmental Neuroscience</i> , 2015, 45, 39-43.	1.6	6
26	Prostaglandin E1-Mediated Collateral Recruitment Is Delayed in a Neonatal Rat Stroke Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2995.	4.1	6
27	Poly(ADP-Ribose) Polymerase Inhibitor PJ34 Reduces Brain Damage after Stroke in the Neonatal Mouse Brain. <i>Current Issues in Molecular Biology</i> , 2021, 43, 301-312.	2.4	5
28	Cerebral Vasodilator Property of Poly(ADP-Ribose) Polymerase Inhibitor (PJ34) in the Neonatal and Adult Mouse Is Mediated by the Nitric Oxide Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6569.	4.1	4
29	Controlled arterial reflow after ischemia induces better outcomes in the juvenile rat brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3091-3096.	4.3	3