Juliette Van Steenwinckel

List of Publications by Year
in descending order

34 papers	1,851 citations	279701 23 h-index	395590 33 g-index
40 all docs	40 docs citations	40 times ranked	3291 citing authors

#	Article	IF	Citations
1	<scp>miR</scp>â€146b Protects the Perinatal Brain against Microgliaâ€Induced Hypomyelination. Annals of Neurology, 2022, 91, 48-65.	2.8	17
2	The Impact of Mouse Preterm Birth Induction by RU-486 on Microglial Activation and Subsequent Hypomyelination. International Journal of Molecular Sciences, 2022, 23, 4867.	1.8	3
3	A unique cerebellar pattern of microglia activation in a mouse model of encephalopathy of prematurity. Glia, 2022, 70, 1699-1719.	2.5	7
4	Microglia-Mediated Neurodegeneration in Perinatal Brain Injuries. Biomolecules, 2021, 11, 99.	1.8	32
5	The immune-inflammatory response of oligodendrocytes in a murine model of preterm white matter injury: the role of TLR3 activation. Cell Death and Disease, 2021, 12, 166.	2.7	26
6	Therapeutic potential of stem cells for preterm infant brain damage: Can we move from the heterogeneity of preclinical and clinical studies to established therapeutics?. Biochemical Pharmacology, 2021, 186, 114461.	2.0	11
7	Targeting Microglial Disturbances to Protect the Brain From Neurodevelopmental Disorders Associated With Prematurity. Journal of Neuropathology and Experimental Neurology, 2021, 80, 634-648.	0.9	3
8	Perinatal IL-1Î²-induced inflammation suppresses Tbr2+ intermediate progenitor cell proliferation in the developing hippocampus accompanied by long-term behavioral deficits. Brain, Behavior, & Immunity - Health, 2020, 7, 100106.	1.3	10
9	Microglial production of quinolinic acid as a target and a biomarker of the antidepressant effect of ketamine. Brain, Behavior, and Immunity, 2019, 81, 361-373.	2.0	65
10	Decreased microglial Wnt/Î²-catenin signalling drives microglial pro-inflammatory activation in the developing brain. Brain, 2019, 142, 3806-3833.	3.7	97
11	Involvement of the synapseâ€specific zinc transporter ZnT3 in cadmiumâ€induced hippocampal neurotoxicity. Journal of Cellular Physiology, 2019, 234, 15872-15884.	2.0	18
12	Neuroinflammation in preterm babies and autism spectrum disorders. Pediatric Research, 2019, 85, 155-165.	1.1	59
13	Myelination induction by a histamine H3 receptor antagonist in a mouse model of preterm white matter injury. Brain, Behavior, and Immunity, 2018, 74, 265-276.	2.0	25
14	A systems-level framework for drug discovery identifies Csf1R as an anti-epileptic drug target. Nature Communications, 2018, 9, 3561.	5.8	75
15	Oligodendrocyte precursor survival and differentiation requires chromatin remodeling by Chd7 and Chd8. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8246-E8255.	3.3	81
16	Integrative genomics of microglia implicates DLG4 (PSD95) in the white matter development of preterm infants. Nature Communications, 2017, 8, 428.	5.8	74
17	Neuroinflammation, myelin and behavior: Temporal patterns following mild traumatic brain injury in mice. PLoS ONE, 2017, 12, e0184811.	1.1	86
18	Inflammation et lÃ©sions cÃ©rÃ©brales du prÃ©maturÃ©. , 2017, , 535-541.		0

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19	Stromal cell-derived CCL2 drives neuropathic pain states through myeloid cell infiltration in injured nerve. Brain, Behavior, and Immunity, 2015, 45, 198-210.	2.0	44
20	Inflammationâ€induced sensitization of the brain in term infants. Developmental Medicine and Child Neurology, 2015, 57, 17-28.	1.1	79
21	Brain damage of the preterm infant: new insights into the role of inflammation. Biochemical Society Transactions, 2014, 42, 557-563.	1.6	59
22	Failure of thyroid hormone treatment to prevent inflammation-induced white matter injury in the immature brain. Brain, Behavior, and Immunity, 2014, 37, 95-102.	2.0	39
23	Src family kinases involved in CXCL12-induced loss of acute morphine analgesia. Brain, Behavior, and Immunity, 2014, 38, 38-52.	2.0	44
24	Maternal inflammation modulates infant immune response patterns to viral lung challenge in a murine model. Pediatric Research, 2014, 76, 33-40.	1.1	29
25	Current status of chemokines in the adult CNS. Progress in Neurobiology, 2013, 104, 67-92.	2.8	193
26	Antinociceptive effect of peripheral serotonin 5-HT2B receptor activation on neuropathic pain. Pain, 2012, 153, 1320-1331.	2.0	27
27	Neurochemokines: a menage a trois providing new insights on the functions of chemokines in the central nervous system. Journal of Neurochemistry, 2011, 118, 680-694.	2.1	115
28	CCL2 Released from Neuronal Synaptic Vesicles in the Spinal Cord Is a Major Mediator of Local Inflammation and Pain after Peripheral Nerve Injury. Journal of Neuroscience, 2011, 31, 5865-5875.	1.7	177
29	The Chemokine CCL2 Increases Na_v1.8 Sodium Channel Activity in Primary Sensory Neurons through a GÎ²Î³-Dependent Mechanism. Journal of Neuroscience, 2011, 31, 18381-18390.	1.7	89
30	Melatonin Promotes Oligodendroglial Maturation of Injured White Matter in Neonatal Rats. PLoS ONE, 2009, 4, e7128.	1.1	94
31	The 5-HT2A receptor is mainly expressed in nociceptive sensory neurons in rat lumbar dorsal root ganglia. Neuroscience, 2009, 161, 838-846.	1.1	41
32	RÃ´le du rÃ©cepteur 5-HT2A de la sÃ©rotonine dans la douleur neuropathique pÃ©riphÃ©rique. Douleurs, 2009, 10, 127-135.	0.0	0
33	Role of spinal serotonin 5-HT2A receptor in 2â€²,3â€²-dideoxycytidine-induced neuropathic pain in the rat and the mouse. Pain, 2008, 137, 66-80.	2.0	46
34	Serotonin 5-HT2A receptor involvement and Fos expression at the spinal level in vincristine-induced neuropathy in the rat. Pain, 2008, 140, 305-322.	2.0	65