Audrey D Lafrenaye

List of Publications by Year
in descending order

23 papers	664 citations	567281 15 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	941 citing authors

#	Article	IF	Citations
1	Cathepsin B Relocalization in Late Membrane Disrupted Neurons Following Diffuse Brain Injury in Rats. ASN Neuro, 2022, 14, 175909142210991.	2.7	2
2	Pre-Clinical Common Data Elements for Traumatic Brain Injury Research: Progress and Use Cases. Journal of Neurotrauma, 2021, 38, 1399-1410.	3.4	22
3	Glibenclamide Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. Journal of Neurotrauma, 2021, 38, 628-645.	3.4	20
4	Open late: neuronal membrane disruption late in traumatic brain injury. Neural Regeneration Research, 2021, 16, 2409.	3.0	0
5	Buprenorphine alters microglia and astrocytes acutely following diffuse traumatic brain injury. Scientific Reports, 2021, 11, 8620.	3.3	14
6	Kollidon VA64 Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. Journal of Neurotrauma, 2021, 38, 2454-2472.	3.4	5
7	Circulating GFAP and Iba-1 levels are associated with pathophysiological sequelae in the thalamus in a pig model of mild TBI. Scientific Reports, 2020, 10, 13369.	3.3	32
8	Operation Brain Trauma Therapy: An Exploratory Study of Levetiracetam Treatment Following Mild Traumatic Brain Injury in the Micro Pig. Frontiers in Neurology, 2020, 11, 586958.	2.4	9
9	Microglial process convergence on axonal segments in health and disease. Neuroimmunology and Neuroinflammation, 2020, 2020, 23-39.	1.4	10
10	Bursting at the Seams: Molecular Mechanisms Mediating Astrocyte Swelling. International Journal of Molecular Sciences, 2019, 20, 330.	4.1	39
11	Neuronal Membrane Disruption Occurs Late Following Diffuse Brain Trauma in Rats and Involves a Subpopulation of NeuN Negative Cortical Neurons. Frontiers in Neurology, 2019, 10, 1238.	2.4	31
12	Operation Brain Trauma Therapy: 2016 Update. Military Medicine, 2018, 183, 303-312.	0.8	41
13	Transient Receptor Potential Melastatin 4 Induces Astrocyte Swelling But Not Death after Diffuse Traumatic Brain Injury. Journal of Neurotrauma, 2018, 35, 1694-1704.	3.4	28
14	The Importance of Inter-Species Variation in Traumatic Brain Injury-Induced Alterations of Microglial-Axonal Interactions. Frontiers in Neurology, 2018, 9, 778.	2.4	22
15	Multi-Center Pre-clinical Consortia to Enhance Translation of Therapies and Biomarkers for Traumatic Brain Injury: Operation Brain Trauma Therapy and Beyond. Frontiers in Neurology, 2018, 9, 640.	2.4	42
16	Physical interactions between activated microglia and injured axons: do all contacts lead to phagocytosis?. Neural Regeneration Research, 2016, 11, 538.	3.0	26
17	Microglia processes associate with diffusely injured axons following mild traumatic brain injury in the micro pig. Journal of Neuroinflammation, 2015, 12, 186.	7.2	90
18	Moderately Elevated Intracranial Pressure after Diffuse Traumatic Brain Injury is Associated with Exacerbated Neuronal Pathology and Behavioral Morbidity in the Rat. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1628-1636.	4.3	47

#	Article	IF	Citations
19	Increased Intracranial Pressure after Diffuse Traumatic Brain Injury Exacerbates Neuronal Somatic Membrane Poration but not Axonal Injury: Evidence for Primary Intracranial Pressure-Induced Neuronal Perturbation. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1919-1932.	4.3	56
20	Focal adhesion kinase can play unique and opposing roles in regulating the morphology of differentiating oligodendrocytes. Journal of Neurochemistry, 2010, 115, 269-282.	3.9	36
21	<i>Acanthamoeba culbertsoni</i> Elicits Soluble Factors That Exert Anti-Microglial Cell Activity. Infection and Immunity, 2010, 78, 4001-4011.	2.2	16
22	Focal adhesion kinase (FAK): A regulator of CNS myelination. Journal of Neuroscience Research, 2009, 87, 3456-3464.	2.9	38
23	Phosphodiesterase-IÎ±/autotaxin's MORFO domain regulates oligodendroglial process network formation and focal adhesion organization. Molecular and Cellular Neurosciences, 2008, 37, 412-424.	2.2	38