

Audrey D Lafrenaye

List of Publications by Year in descending order

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Version: 2024-02-01

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	Microglia processes associate with diffusely injured axons following mild traumatic brain injury in the micro pig. <i>Journal of Neuroinflammation</i> , 2015, 12, 186.	7.2	90
2	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. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1919-1932.	4.3	56
3	Moderately Elevated Intracranial Pressure after Diffuse Traumatic Brain Injury is Associated with Exacerbated Neuronal Pathology and Behavioral Morbidity in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1628-1636.	4.3	47
4	Multi-Center Pre-clinical Consortia to Enhance Translation of Therapies and Biomarkers for Traumatic Brain Injury: Operation Brain Trauma Therapy and Beyond. <i>Frontiers in Neurology</i> , 2018, 9, 640.	2.4	42
5	Operation Brain Trauma Therapy: 2016 Update. <i>Military Medicine</i> , 2018, 183, 303-312.	0.8	41
6	Bursting at the Seams: Molecular Mechanisms Mediating Astrocyte Swelling. <i>International Journal of Molecular Sciences</i> , 2019, 20, 330.	4.1	39
7	Phosphodiesterase-1 \pm /autotaxin's MORFO domain regulates oligodendroglial process network formation and focal adhesion organization. <i>Molecular and Cellular Neurosciences</i> , 2008, 37, 412-424.	2.2	38
8	Focal adhesion kinase (FAK): A regulator of CNS myelination. <i>Journal of Neuroscience Research</i> , 2009, 87, 3456-3464.	2.9	38
9	Focal adhesion kinase can play unique and opposing roles in regulating the morphology of differentiating oligodendrocytes. <i>Journal of Neurochemistry</i> , 2010, 115, 269-282.	3.9	36
10	Circulating GFAP and Iba-1 levels are associated with pathophysiological sequelae in the thalamus in a pig model of mild TBI. <i>Scientific Reports</i> , 2020, 10, 13369.	3.3	32
11	Neuronal Membrane Disruption Occurs Late Following Diffuse Brain Trauma in Rats and Involves a Subpopulation of NeuN Negative Cortical Neurons. <i>Frontiers in Neurology</i> , 2019, 10, 1238.	2.4	31
12	Transient Receptor Potential Melastatin 4 Induces Astrocyte Swelling But Not Death after Diffuse Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1694-1704.	3.4	28
13	Physical interactions between activated microglia and injured axons: do all contacts lead to phagocytosis?. <i>Neural Regeneration Research</i> , 2016, 11, 538.	3.0	26
14	The Importance of Inter-Species Variation in Traumatic Brain Injury-Induced Alterations of Microglial-Axonal Interactions. <i>Frontiers in Neurology</i> , 2018, 9, 778.	2.4	22
15	Pre-Clinical Common Data Elements for Traumatic Brain Injury Research: Progress and Use Cases. <i>Journal of Neurotrauma</i> , 2021, 38, 1399-1410.	3.4	22
16	Glibenclamide Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2021, 38, 628-645.	3.4	20
17	<i>Acanthamoeba culbertsoni</i> Elicits Soluble Factors That Exert Anti-Microglial Cell Activity. <i>Infection and Immunity</i> , 2010, 78, 4001-4011.	2.2	16
18	Buprenorphine alters microglia and astrocytes acutely following diffuse traumatic brain injury. <i>Scientific Reports</i> , 2021, 11, 8620.	3.3	14

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19	Microglial process convergence on axonal segments in health and disease. <i>Neuroimmunology and Neuroinflammation</i> , 2020, 2020, 23-39.	1.4	10
20	Operation Brain Trauma Therapy: An Exploratory Study of Levetiracetam Treatment Following Mild Traumatic Brain Injury in the Micro Pig. <i>Frontiers in Neurology</i> , 2020, 11, 586958.	2.4	9
21	Kollidon VA64 Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2021, 38, 2454-2472.	3.4	5
22	Cathepsin B Relocalization in Late Membrane Disrupted Neurons Following Diffuse Brain Injury in Rats. <i>ASN Neuro</i> , 2022, 14, 175909142210991.	2.7	2
23	Open late: neuronal membrane disruption late in traumatic brain injury. <i>Neural Regeneration Research</i> , 2021, 16, 2409.	3.0	0