Victoria E Johnson, Mbchb

List of Publications by Year
in descending order

53 papers	6,050 citations	270111 25 h-index	190340 53 g-index
56 all docs	56 docs citations	56 times ranked	6793 citing authors

#	Article	IF	Citations
1	Non-Linear Device Head Coupling and Temporal Delays in Large Animal Acceleration Models of Traumatic Brain Injury. Annals of Biomedical Engineering, 2022, , 1.	1.3	2
2	Detection of astrocytic tau pathology facilitates recognition of chronic traumatic encephalopathy neuropathologic change. Acta Neuropathologica Communications, 2022, 10, 50.	2.4	13
3	Guidance for Pediatric End-of-Life Care. Pediatrics, 2022, 149, .	1.0	26
4	Pre-Clinical Common Data Elements for Traumatic Brain Injury Research: Progress and Use Cases. Journal of Neurotrauma, 2021, 38, 1399-1410.	1.7	22
5	Post-traumatic brain injury antithrombin III recovers Morris water maze cognitive performance, improving cued and spatial learning. Journal of Trauma and Acute Care Surgery, 2021, 91, 108-113.	1.1	3
6	Implantation of Engineered Axon Tracts to Bridge Spinal Cord Injury Beyond the Glial Scar in Rats. Tissue Engineering - Part A, 2021, 27, 1264-1274.	1.6	6
7	COllaborative Neuropathology NEtwork Characterizing ouTcomes of TBI (CONNECT-TBI). Acta Neuropathologica Communications, 2021, 9, 32.	2.4	13
8	Reproducibility and Characterization of Head Kinematics During a Large Animal Acceleration Model of Traumatic Brain Injury. Frontiers in Neurology, 2021, 12, 658461.	1.1	6
9	Modeling links softening of myelin and spectrin scaffolds of axons after a concussion to increased vulnerability to repeated injuries. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	17
10	Survival Rates and Biomarkers in a Large Animal Model of Traumatic Brain Injury Combined With Two Different Levels of Blood Loss. Shock, 2021, 55, 554-562.	1.0	13
11	Antithrombin III ameliorates postâ€“traumatic brain injury cerebral leukocyte mobilization enhancing recovery of blood brain barrier integrity. Journal of Trauma and Acute Care Surgery, 2021, 90, 274-280.	1.1	9
12	Mechanisms of Local Stress Amplification in Axons near the Gray-White Matter Interface. Biophysical Journal, 2020, 119, 1290-1300.	0.2	9
13	Tau immunophenotypes in chronic traumatic encephalopathy recapitulate those of ageing and Alzheimerâ€™s disease. Brain, 2020, 143, 1572-1587.	3.7	50
14	Modeling traumatic brain injury with human brain organoids. Current Opinion in Biomedical Engineering, 2020, 14, 52-58.	1.8	15
15	Astroglial tau pathology alone preferentially concentrates at sulcal depths in chronic traumatic encephalopathy neuropathologic change. Brain Communications, 2020, 2, fcaa210.	1.5	19
16	Traumatic Brain Injury Preserves Firing Rates But Disrupts Laminar Oscillatory Coupling and Neuronal Entrainment in Hippocampal CA1. ENeuro, 2020, 7, ENEURO.0495-19.2020.	0.9	9
17	Cerebral Edema and Neurological Recovery after Traumatic Brain Injury Are Worsened if Accompanied by a Concomitant Long Bone Fracture. Journal of Neurotrauma, 2019, 36, 609-618.	1.7	7
18	Chronic traumatic encephalopathy â€” confusion and controversies. Nature Reviews Neurology, 2019, 15, 179-183.	4.9	111

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19	Multichannel Silicon Probes for Awake Hippocampal Recordings in Large Animals. Frontiers in Neuroscience, 2019, 13, 397.	1.4	31
20	Chronic traumatic encephalopathy is a common co-morbidity, but less frequent primary dementia in former soccer and rugby players. Acta Neuropathologica, 2019, 138, 389-399.	3.9	108
21	Primum non nocere: a call for balance when reporting on CTE. Lancet Neurology, The, 2019, 18, 231-233.	4.9	48
22	CLARITY reveals a more protracted temporal course of axon swelling and disconnection than previously described following traumatic brain injury. Brain Pathology, 2019, 29, 437-450.	2.1	29
23	Mechanical disruption of the bloodâ€“brain barrier following experimental concussion. Acta Neuropathologica, 2018, 135, 711-726.	3.9	116
24	Early low-anticoagulant desulfated heparin after traumatic brain injury: Reduced brain edema and leukocyte mobilization is associated with improved watermaze learning ability weeks after injury. Journal of Trauma and Acute Care Surgery, 2018, 84, 727-735.	1.1	13
25	A concomitant bone fracture delays cognitive recovery from traumatic brain injury. Journal of Trauma and Acute Care Surgery, 2018, 85, 275-284.	1.1	14
26	Electrophysiological Signature Reveals Laminar Structure of the Porcine Hippocampus. ENeuro, 2018, 5, ENEURO.0102-18.2018.	0.9	17
27	Early heparin administration after traumatic brain injury. Journal of Trauma and Acute Care Surgery, 2017, 83, 406-412.	1.1	19
28	Multisite Assessment of Aging-Related Tau Astrogliopathy (ARTAG). Journal of Neuropathology and Experimental Neurology, 2017, 76, 605-619.	0.9	38
29	Concussion Induces Hippocampal Circuitry Disruption in Swine. Journal of Neurotrauma, 2017, 34, 2303-2314.	1.7	41
30	Traumatic Brain Injury as a Trigger of Neurodegeneration. Advances in Neurobiology, 2017, 15, 383-400.	1.3	83
31	Unfractionated heparin after TBI reduces in vivo cerebrovascular inflammation, brain edema and accelerates cognitive recovery. Journal of Trauma and Acute Care Surgery, 2016, 81, 1088-1094.	1.1	23
32	Neuropathological Characteristics of Brachial Plexus Avulsion Injury With and Without Concomitant Spinal Cord Injury. Journal of Neuropathology and Experimental Neurology, 2016, 75, 69-85.	0.9	9
33	Does enoxaparin interfere with HMGB1 signaling after TBI? A potential mechanism for reduced cerebral edema and neurologic recovery. Journal of Trauma and Acute Care Surgery, 2016, 80, 381-389.	1.1	24
34	Chronic Traumatic Encephalopathy: The Neuropathological Legacy of Traumatic Brain Injury. Annual Review of Pathology: Mechanisms of Disease, 2016, 11, 21-45.	9.6	158
35	SNTF immunostaining reveals previously undetected axonal pathology in traumatic brain injury. Acta Neuropathologica, 2016, 131, 115-135.	3.9	102
36	Pre-Clinical Traumatic Brain Injury Common Data Elements: Toward a Common Language Across Laboratories. Journal of Neurotrauma, 2015, 32, 1725-1735.	1.7	86

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37	Blood-Brain Barrier Disruption Is an Early Event That May Persist for Many Years After Traumatic Brain Injury in Humans. Journal of Neuropathology and Experimental Neurology, 2015, 74, 1147-1157.	0.9	126
38	Enoxaparin ameliorates postâ€“traumatic brain injury edema and neurologic recovery, reducing cerebral leukocyte endothelial interactions and vessel permeability in vivo. Journal of Trauma and Acute Care Surgery, 2015, 79, 78-84.	1.1	38
39	Blood-Brain Barrier Disruption Is an Early Event That May Persist for Many Years After Traumatic Brain Injury in Humans. Journal of Neuropathology and Experimental Neurology, 2015, 74, 1147-1157.	0.9	95
40	Animal models of traumatic brain injury. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2015, 127, 115-128.	1.0	127
41	Age at injury influences dementia risk after TBI. Nature Reviews Neurology, 2015, 11, 128-130.	4.9	27
42	InÂvivo leukocyte-mediated brain microcirculatory inflammation: a comparison ofÂosmotherapies and progesterone in severe traumatic brain injury. American Journal of Surgery, 2014, 208, 961-968.	0.9	15
43	Inflammation and white matter degeneration persist for years after a single traumatic brain injury. Brain, 2013, 136, 28-42.	3.7	819
44	Axonal pathology in traumatic brain injury. Experimental Neurology, 2013, 246, 35-43.	2.0	949
45	Chronic neuropathologies of single and repetitive TBI: substrates of dementia?. Nature Reviews Neurology, 2013, 9, 211-221.	4.9	590
46	Partial interruption of axonal transport due to microtubule breakage accounts for the formation of periodic varicosities after traumatic axonal injury. Experimental Neurology, 2012, 233, 364-372.	2.0	275
47	Widespread Tau and Amyloidâ€Beta Pathology Many Years After a Single Traumatic Brain Injury in Humans. Brain Pathology, 2012, 22, 142-149.	2.1	507
48	Acute and chronically increased immunoreactivity to phosphorylation-independent but not pathological TDP-43 after a single traumatic brain injury in humans. Acta Neuropathologica, 2011, 122, 715-726.	3.9	76
49	Traumatic brain injury and amyloid-Î² pathology: a link to Alzheimer's disease?. Nature Reviews Neuroscience, 2010, 11, 361-370.	4.9	469
50	A Neprilysin Polymorphism and Amyloid-Î² Plaques after Traumatic Brain Injury. Journal of Neurotrauma, 2009, 26, 1197-1202.	1.7	60
51	A Lack of Amyloid Î² Plaques Despite Persistent Accumulation of Amyloid Î² in Axons of Longâ€Term Survivors of Traumatic Brain Injury. Brain Pathology, 2009, 19, 214-223.	2.1	227
52	Hemostatic and neuroprotective effects of human recombinant activated factor VII therapy after traumatic brain injury in pigs. Experimental Neurology, 2008, 210, 645-655.	2.0	24
53	Multiple proteins implicated in neurodegenerative diseases accumulate in axons after brain trauma in humans. Experimental Neurology, 2007, 208, 185-192.	2.0	314