# Jonathan Lifshitz

List of Publications by Year
in descending order



| 106 | 5,276 | 76326 | 91884 |
|---|---|---|---|
| papers | citations | 40 h-index | 69 g-index |

| 115 | 115 | 115 | 4714 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Intimate Partner Violence, Clinical Indications, and Other Family Risk Factors Associated With Pediatric Abusive Head Trauma. Journal of Interpersonal Violence, 2022, 37, NP6785-NP6812. | 2.0 | 8 |
| 2 | Nanoliposomes Reduce Stroke Injury Following Middle Cerebral Artery Occlusion in Mice. Stroke, 2022, 53, STROKEAHA121037120. | 2.0 | 6 |
| 3 | The pentagram of concussion: an observational analysis that describes five overt indicators of head trauma. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, 39. | 1.7 | 3 |
| 4 | Chronic Cognitive and Cerebrovascular Function after Mild Traumatic Brain Injury in Rats. Journal of Neurotrauma, 2022, 39, 1429-1441. | 3.4 | 7 |
| 5 | Time Course of Remote Neuropathology Following Diffuse Traumatic Brain Injury in the Male Rat. Experimental Neurobiology, 2022, 31, 105-115. | 1.6 | 3 |
| 6 | Evaluating abusive head trauma in children < 5â€¯years old: Risk factors and the importance of the social history. Journal of Pediatric Surgery, 2021, 56, 390-396. | 1.6 | 11 |
| 7 | Pre-Clinical Common Data Elements for Traumatic Brain Injury Research: Progress and Use Cases. Journal of Neurotrauma, 2021, 38, 1399-1410. | 3.4 | 22 |
| 8 | Experimental diffuse brain injury and a model of Alzheimer's disease exhibit diseaseâ€specific changes in sleep and incongruous peripheral inflammation. Journal of Neuroscience Research, 2021, 99, 1136-1160. | 2.9 | 12 |
| 9 | Spatial Distribution of Neuropathology and Neuroinflammation Elucidate the Biomechanics of Fluid Percussion Injury. Neurotrauma Reports, 2021, 2, 59-75. | 1.4 | 4 |
| 10 | An update on the rod microglia variant in experimental and clinical brain injury and disease. Brain Communications, 2021, 3, fcaa227. | 3.3 | 33 |
| 11 | Pathophysiology of Traumatic Brain Injury. , 2021, , 13-18. | | 1 |
| 12 | Mice Born to Mothers with Gravida Traumatic Brain Injury Have Distorted Brain Circuitry and Altered Immune Responses. Journal of Neurotrauma, 2021, 38, 2862-2880. | 3.4 | 6 |
| 13 | Population-Level Epidemiology of Concussion Concurrent with Domestic Violence in Arizona, USA. Journal of Neurotrauma, 2021, 38, 2301-2310. | 3.4 | 8 |
| 14 | Age-at-Injury Determines the Extent of Long-Term Neuropathology and Microgliosis After a Diffuse Brain Injury in Male Rats. Frontiers in Neurology, 2021, 12, 722526. | 2.4 | 15 |
| 15 | Failure to Thrive in a 15-month-old with a History of Head Trauma. Pediatrics in Review, 2021, 42, S55-S59. | 0.4 | 1 |
| 16 | Remote Ischemic Conditioning Reduced Acute Lung Injury After Traumatic Brain Injury in the Mouse. Shock, 2021, 55, 256-267. | 2.1 | 10 |
| 17 | Acute peripheral inflammation and postâ€traumatic sleep differ between sexes after experimental diffuse brain injury. European Journal of Neuroscience, 2020, 52, 2791-2814. | 2.6 | 30 |
| 18 | Traumatic Brain Injury-Induced Sex-Dependent Changes in Late-Onset Sensory Hypersensitivity and Glutamate Neurotransmission. Frontiers in Neurology, 2020, 11, 749. | 2.4 | 24 |

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|---|---|---|---|
| 19 | Extracellular matrix proteins are timeâ€dependent and regionalâ€specific markers in experimental diffuse brain injury. Brain and Behavior, 2020, 10, e01767. | 2.2 | 17 |
| 20 | Proteomic analysis identifies plasma correlates of remote ischemic conditioning in the context of experimental traumatic brain injury. Scientific Reports, 2020, 10, 12989. | 3.3 | 2 |
| 21 | Sex-Dependent Macromolecule and Nanoparticle Delivery in Experimental Brain Injury. Tissue Engineering - Part A, 2020, 26, 688-701. | 3.1 | 30 |
| 22 | Beyond Binary: Influence of Sex and Gender on Outcome after Traumatic Brain Injury. Journal of Neurotrauma, 2020, 37, 2454-2459. | 3.4 | 24 |
| 23 | Longitudinal optical imaging technique to visualize progressive axonal damage after brain injury in mice reveals responses to different minocycline treatments. Scientific Reports, 2020, 10, 7815. | 3.3 | 13 |
| 24 | Intracerebral hemorrhage in the mouse altered sleep-wake patterns and activated microglia. Experimental Neurology, 2020, 327, 113242. | 4.1 | 8 |
| 25 | Forensic Nursing Examination to Screen for Traumatic Brain Injury following Intimate Partner Violence. Journal of Aggression, Maltreatment and Trauma, 2019, 28, 732-743. | 1.4 | 12 |
| 26 | Traumatic Brain Injury in Victims of Domestic Violence. Journal of Aggression, Maltreatment and Trauma, 2019, 28, 655-659. | 1.4 | 15 |
| 27 | Involving Police Departments in Early Awareness of Concussion Symptoms during Domestic Violence Calls. Journal of Aggression, Maltreatment and Trauma, 2019, 28, 826-837. | 1.4 | 3 |
| 28 | Restoring More than Smiles in Broken Homes: Dental and Oral Biomarkers of Brain Injury in Domestic Violence. Journal of Aggression, Maltreatment and Trauma, 2019, 28, 838-847. | 1.4 | 9 |
| 29 | Primum non nocere: a call for balance when reporting on CTE. Lancet Neurology, The, 2019, 18, 231-233. | 10.2 | 48 |
| 30 | Acute Post-Traumatic Sleep May Define Vulnerability to a Second Traumatic Brain Injury in Mice. Journal of Neurotrauma, 2019, 36, 1318-1334. | 3.4 | 29 |
| 31 | Epidemiology of Pediatric Traumatic Brain Injury and Hypothalamic-Pituitary Disorders in Arizona. Frontiers in Neurology, 2019, 10, 1410. | 2.4 | 21 |
| 32 | Experimental Traumatic Brain Injury Induces Chronic Glutamatergic Dysfunction in Amygdala Circuitry Known to Regulate Anxiety-Like Behavior. Frontiers in Neuroscience, 2019, 13, 1434. | 2.8 | 39 |
| 33 | Fluid Percussion Injury Model. Springer Series in Translational Stroke Research, 2019, , 333-347. | 0.1 | 0 |
| 34 | Midline (central) fluid percussion model of traumatic brain injury in pediatric and adolescent rats. Journal of Neurosurgery: Pediatrics, 2018, 22, 22-30. | 1.3 | 19 |
| 35 | Partial cage division significantly reduces aggressive behavior in male laboratory mice. Laboratory Animals, 2018, 52, 384-393. | 1.0 | 16 |
| 36 | Does time heal all wounds? Experimental diffuse traumatic brain injury results in persisting histopathology in the thalamus. Behavioural Brain Research, 2018, 340, 137-146. | 2.2 | 55 |

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|---|---|---|---|
| 37 | Influence of Schizophrenia-Associated Gene Egr3 on Sleep Behavior and Circadian Rhythms in Mice. Journal of Biological Rhythms, 2018, 33, 662-670. | 2.6 | 11 |
| 38 | Traumatic brain injuryâ€induced neuronal damage in the somatosensory cortex causes formation of rodâ€shaped microglia that promote astrogliosis and persistent neuroinflammation. Glia, 2018, 66, 2719-2736. | 4.9 | 105 |
| 39 | Simultaneous Cryosectioning of Multiple Rodent Brains. Journal of Visualized Experiments, 2018, , . | 0.3 | 7 |
| 40 | Novel TNF receptor-1 inhibitors identified as potential therapeutic candidates for traumatic brain injury. Journal of Neuroinflammation, 2018, 15, 154. | 7.2 | 34 |
| 41 | Bloodâ€“brainbarrier disruption dictates nanoparticle accumulation following experimental brain injury. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 2155-2166. | 3.3 | 29 |
| 42 | Fluid Percussion Model of Traumatic Brain Injury. Neuromethods, 2018, , 97-110. | 0.3 | 0 |
| 43 | Aging with a traumatic brain injury: Could behavioral morbidities and endocrine symptoms be influenced by microglial priming?. Brain, Behavior, and Immunity, 2017, 59, 1-7. | 4.1 | 47 |
| 44 | Pioglitazone Attenuates Neuroinflammation and Promotes Dopaminergic Neuronal Survival in the Nigrostriatal System of Rats after Diffuse Brain Injury. Journal of Neurotrauma, 2017, 34, 414-422. | 3.4 | 61 |
| 45 | 3EMF Rod Microglia in Traumatic Brain Injury. Annals of Emergency Medicine, 2017, 70, S170-S171. | 0.6 | 0 |
| 46 | Nogo presence is inversely associated with shifts in cortical microglial morphology following experimental diffuse brain injury. Neuroscience, 2017, 359, 209-223. | 2.3 | 28 |
| 47 | Synaptogenic Molecules Thrombospondin-1 and Brain Derived Neurotrophic Factor Rise in the Amygdala after Experimental Diffuse Traumatic Brain Injury. Journal of the American College of Surgeons, 2017, 225, e187. | 0.5 | 0 |
| 48 | Quantitative microglia analyses reveal diverse morphologic responses in the rat cortex after diffuse brain injury. Scientific Reports, 2017, 7, 13211. | 3.3 | 199 |
| 49 | Early and Persistent Dendritic Hypertrophy in the Basolateral Amygdala following Experimental Diffuse Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 213-219. | 3.4 | 51 |
| 50 | Selective Reduction of Brain Docosahexaenoic Acid after Experimental Brain Injury and Mitigation of Neuroinflammatory Outcomes with Dietary DHA. Current Research Concussion, 2017, 04, e38-e54. | 0.3 | 5 |
| 51 | Rehabilitation modality and onset differentially influence whisker sensory hypersensitivity after diffuse traumatic brain injury in the rat. Restorative Neurology and Neuroscience, 2017, 35, 611-629. | 0.7 | 9 |
| 52 | Traumatic brain injury and vestibulo-ocular function: current challenges and future prospects. Eye and Brain, 2016, Volume 8, 153-164. | 2.5 | 58 |
| 53 | MW151 Inhibited IL-1Î² Levels after Traumatic Brain Injury with No Effect on Microglia Physiological Responses. PLoS ONE, 2016, 11, e0149451. | 2.5 | 17 |
| 54 | Diffuse traumatic brain injury affects chronic corticosterone function in the rat. Endocrine Connections, 2016, 5, 152-166. | 1.9 | 61 |

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|---|---|---|---|
| 55 | Diffuse traumatic brain injury induces prolonged immune dysregulation and potentiates hyperalgesia following a peripheral immune challenge. Molecular Pain, 2016, 12, 174480691664705. | 2.1 | 34 |
| 56 | Aging with Traumatic Brain Injury: Effects of Age at Injury on Behavioral Outcome following Diffuse Brain Injury in Rats. Developmental Neuroscience, 2016, 38, 195-205. | 2.0 | 48 |
| 57 | Midline (Central) Fluid Percussion Model of Traumatic Brain Injury. Methods in Molecular Biology, 2016, 1462, 211-230. | 0.9 | 34 |
| 58 | Impact Acceleration Model of Diffuse Traumatic Brain Injury. Methods in Molecular Biology, 2016, 1462, 253-266. | 0.9 | 19 |
| 59 | Clinical relevance of midline fluid percussion brain injury: Acute deficits, chronic morbidities and the utility of biomarkers. Brain Injury, 2016, 30, 1293-1301. | 1.2 | 63 |
| 60 | Temporal assessment of nanoparticle accumulation after experimental brain injury: Effect of particle size. Scientific Reports, 2016, 6, 29988. | 3.3 | 70 |
| 61 | Cognitive deficits develop 1 month after diffuse brain injury and are exaggerated by microglia-associated reactivity to peripheral immune challenge. Brain, Behavior, and Immunity, 2016, 54, 95-109. | 4.1 | 113 |
| 62 | Experimental diffuse brain injury results in regional alteration of gross vascular morphology independent of neuropathology. Brain Injury, 2016, 30, 217-224. | 1.2 | 8 |
| 63 | Lipid mediators of inflammation in neurological injury: shifting the balance toward resolution. Neural Regeneration Research, 2016, 11, 77. | 3.0 | 11 |
| 64 | Primer for Immunohistochemistry on Cryosectioned Rat Brain Tissue: Example Staining for Microglia and Neurons. Journal of Visualized Experiments, 2015, , e52293. | 0.3 | 15 |
| 65 | 509. Critical Care Medicine, 2015, 43, 129. | 0.9 | 0 |
| 66 | Resolvins AT-D1 and E1 differentially impact functional outcome, post-traumatic sleep, and microglial activation following diffuse brain injury in the mouse. Brain, Behavior, and Immunity, 2015, 47, 131-140. | 4.1 | 110 |
| 67 | The time course of activity-regulated cytoskeletal (ARC) gene and protein expression in the whisker-barrel circuit using two paradigms of whisker stimulation. Behavioural Brain Research, 2015, 284, 249-256. | 2.2 | 11 |
| 68 | Methylene Blue Attenuates Traumatic Brain Injury-Associated Neuroinflammation and Acute Depressive-Like Behavior in Mice. Journal of Neurotrauma, 2015, 32, 127-138. | 3.4 | 93 |
| 69 | Microglia: dismantling and rebuilding circuits after acute neurological injury. Metabolic Brain Disease, 2015, 30, 393-400. | 2.9 | 52 |
| 70 | Rod Microglia: A Morphological Definition. PLoS ONE, 2014, 9, e97096. | 2.5 | 121 |
| 71 | Platelet-mediated changes to neuronal glutamate receptor expression at sites of microthrombosis following experimental subarachnoid hemorrhage. Journal of Neurosurgery, 2014, 121, 1424-1431. | 1.6 | 27 |
| 72 | Diffuse brain injury does not affect chronic sleep patterns in the mouse. Brain Injury, 2014, 28, 504-510. | 1.2 | 38 |

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|---|---|---|---|
| 73 | Neuropathology in sensory, but not motor, brainstem nuclei of the rat whisker circuit after diffuse brain injury. Somatosensory & Motor Research, 2014, 31, 127-135. | 0.9 | 23 |
| 74 | Commentary on Kamper et. al., juvenile traumatic brain injury evolves into a chronic brain disorder: The challenges in longitudinal studies of juvenile traumatic brain injury. Experimental Neurology, 2014, 261, 434-439. | 4.1 | 2 |
| 75 | Acute over-the-counter pharmacological intervention does not adversely affect behavioral outcome following diffuse traumatic brain injury in the mouse. Experimental Brain Research, 2014, 232, 2709-2719. | 1.5 | 34 |
| 76 | Traumatic brain injury alters long-term hippocampal neuron morphology in juvenile, but not immature, rats. Child's Nervous System, 2014, 30, 1333-1342. | 1.1 | 23 |
| 77 | Immune Activation Promotes Depression 1 Month After Diffuse Brain Injury: A Role for Primed Microglia. Biological Psychiatry, 2014, 76, 575-584. | 1.3 | 209 |
| 78 | Recovery of Neurological Function Despite Immediate Sleep Disruption Following Diffuse Brain Injury in the Mouse: Clinical Relevance to Medically Untreated Concussion. Sleep, 2014, 37, 743-752. | 1.1 | 56 |
| 79 | Diffuse Brain Injury Induces Acute Post-Traumatic Sleep. PLoS ONE, 2014, 9, e82507. | 2.5 | 64 |
| 80 | The p38Î± MAPK Regulates Microglial Responsiveness to Diffuse Traumatic Brain Injury. Journal of Neuroscience, 2013, 33, 6143-6153. | 3.6 | 112 |
| 81 | Using anesthetics and analgesics in experimental traumatic brain injury. Lab Animal, 2013, 42, 286-291. | 0.4 | 58 |
| 82 | Objective Morphological Quantification of Microscopic Images Using a Fast Fourier Transform (FFT) Analysis. Current Protocols in Essential Laboratory Techniques, 2013, 7, 9.5.1-9.5.12. | 2.6 | 16 |
| 83 | Disruptions in the Regulation of Extracellular Glutamate by Neurons and Glia in the Rat Striatum Two Days after Diffuse Brain Injury. Journal of Neurotrauma, 2012, 29, 1197-1208. | 3.4 | 93 |
| 84 | Hypersensitive Glutamate Signaling Correlates with the Development of Late-Onset Behavioral Morbidity in Diffuse Brain-Injured Circuitry. Journal of Neurotrauma, 2012, 29, 187-200. | 3.4 | 67 |
| 85 | Comparison of rat sensory behavioral tasks to detect somatosensory morbidity after diffuse brain-injury. Behavioural Brain Research, 2012, 226, 197-204. | 2.2 | 39 |
| 86 | Rod microglia: elongation, alignment, and coupling to form trains across the somatosensory cortex after experimental diffuse brain injury. Journal of Neuroinflammation, 2012, 9, 247. | 7.2 | 141 |
| 87 | Morphological and genetic activation of microglia after diffuse traumatic brain injury in the rat. Neuroscience, 2012, 225, 65-75. | 2.3 | 163 |
| 88 | Substantia nigra vulnerability after a single moderate diffuse brain injury in the rat. Experimental Neurology, 2012, 234, 8-19. | 4.1 | 38 |
| 89 | Neurodegeneration in the somatosensory cortex after experimental diffuse brain injury. Brain Structure and Function, 2012, 217, 49-61. | 2.3 | 75 |
| 90 | Lateral Fluid Percussion: Model of Traumatic Brain Injury in Mice. Journal of Visualized Experiments, 2011, , . | 0.3 | 87 |

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|---|---|---|---|
| 91 | Diffuse traumatic brain injury initially attenuates and later expands activation of the rat somatosensory whisker circuit concomitant with neuroplastic responses. Brain Research, 2010, 1323, 161-173. | 2.2 | 76 |
| 92 | Diffuse Brain Injury Elevates Tonic Glutamate Levels and Potassium-Evoked Glutamate Release in Discrete Brain Regions at Two Days Post-Injury: An Enzyme-Based Microelectrode Array Study. Journal of Neurotrauma, 2010, 27, 889-899. | 3.4 | 129 |
| 93 | The Whisker Nuisance Task Identifies a Late-Onset, Persistent Sensory Sensitivity in Diffuse Brain-Injured Rats. Journal of Neurotrauma, 2010, 27, 695-706. | 3.4 | 95 |
| 94 | Brain Injury Forces of Moderate Magnitude Elicit the Fencing Response. Medicine and Science in Sports and Exercise, 2009, 41, 1687-1697. | 0.4 | 88 |
| 95 | Fluid Percussion Injury Model. Springer Protocols, 2009, , 369-384. | 0.3 | 17 |
| 96 | Perisomatic Thalamic Axotomy After Diffuse Traumatic Brain Injury Is Associated With Atrophy Rather Than Cell Death. Journal of Neuropathology and Experimental Neurology, 2007, 66, 218-229. | 1.7 | 96 |
| 97 | Neuroinflammatory Responses After Experimental Diffuse Traumatic Brain Injury. Journal of Neuropathology and Experimental Neurology, 2007, 66, 989-1001. | 1.7 | 164 |
| 98 | Acute cognitive impairment after lateral fluid percussion brain injury recovers by 1 month: Evaluation by conditioned fear response. Behavioural Brain Research, 2007, 177, 347-357. | 2.2 | 49 |
| 99 | Inbred Mouse Strains as a Tool To Analyze Hippocampal Neuronal Loss after Brain Injury: A Stereological Study. Journal of Neurotrauma, 2006, 23, 1320-1329. | 3.4 | 25 |
| 100 | Photon correlation spectroscopy of brain mitochondrial populations: Application to traumatic brain injury. Experimental Neurology, 2006, 197, 318-329. | 4.1 | 5 |
| 101 | Traumatic axonal injury in the perisomatic domain triggers ultrarapid secondary axotomy and Wallerian degeneration. Experimental Neurology, 2006, 198, 350-360. | 4.1 | 98 |
| 102 | Mechanoporation Induced by Diffuse Traumatic Brain Injury: An Irreversible or Reversible Response to Injury?. Journal of Neuroscience, 2006, 26, 3130-3140. | 3.6 | 161 |
| 103 | Lateral Fluid Percussion Brain Injury: A 15-Year Review and Evaluation. Journal of Neurotrauma, 2005, 22, 42-75. | 3.4 | 487 |
| 104 | Mitochondrial damage and dysfunction in traumatic brain injury. Mitochondrion, 2004, 4, 705-713. | 3.4 | 177 |
| 105 | Structural and Functional Damage Sustained by Mitochondria after Traumatic Brain Injury in the Rat: Evidence for Differentially Sensitive Populations in the Cortex and Hippocampus. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 219-231. | 4.3 | 154 |
| 106 | Population-Level Epidemiology of Traumatic Brain Injury Concurrent with Domestic Violence in Arizona, USA. SSRN Electronic Journal, 0, , . | 0.4 | 0 |