

# Adam Douglas Bachstetter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9405821/publications.pdf>

Version: 2024-02-01

65  
papers

5,519  
citations

94269

37  
h-index

118652

62  
g-index

69  
all docs

69  
docs citations

69  
times ranked

8155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive immune cells shape obesity-associated type 2 diabetes mellitus and less prominent comorbidities. <i>Nature Reviews Endocrinology</i> , 2022, 18, 23-42.	4.3	56
2	Pre-Clinical Common Data Elements for Traumatic Brain Injury Research: Progress and Use Cases. <i>Journal of Neurotrauma</i> , 2021, 38, 1399-1410.	1.7	22
3	Dystrophic microglia are associated with neurodegenerative disease and not healthy aging in the human brain. <i>Neurobiology of Aging</i> , 2021, 99, 19-27.	1.5	98
4	Space-occupying brain lesions, trauma-related tau astroglipathy, and ARTAG: a report of two cases and a literature review. <i>Acta Neuropathologica Communications</i> , 2021, 9, 49.	2.4	8
5	Inflammatory Regulation of CNS Barriers After Traumatic Brain Injury: A Tale Directed by Interleukin-1. <i>Frontiers in Immunology</i> , 2021, 12, 688254.	2.2	18
6	Dysregulation of Systemic Immunity in Aging and Dementia. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 652111.	1.8	61
7	Alzheimer Disease Pathology-Associated Polymorphism in a Complex Variable Number of Tandem Repeat Region Within the MUC6 Gene, Near the AP2A2 Gene. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 3-21.	0.9	19
8	Optimization and validation of a modified radial-arm water maze protocol using a murine model of mild closed head traumatic brain injury. <i>PLoS ONE</i> , 2020, 15, e0232862.	1.1	8
9	An active avoidance behavioral paradigm for use in a mild closed head model of traumatic brain injury in mice. <i>Journal of Neuroscience Methods</i> , 2020, 343, 108831.	1.3	3
10	The effects of mild closed head injuries on tauopathy and cognitive deficits in rodents: Primary results in wild type and rTg4510 mice, and a systematic review. <i>Experimental Neurology</i> , 2020, 326, 113180.	2.0	20
11	Effects of advanced age upon astrocyte-specific responses to acute traumatic brain injury in mice. <i>Journal of Neuroinflammation</i> , 2020, 17, 115.	3.1	47
12	A Systematic Review of Closed Head Injury Models of Mild Traumatic Brain Injury in Mice and Rats. <i>Journal of Neurotrauma</i> , 2019, 36, 1683-1706.	1.7	112
13	Effects of the dual orexin receptor antagonist DORA-22 on sleep in 5XFAD mice. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 70-80.	1.8	17
14	Simulation of P2X <sub>6</sub> -mediated calcium signalling in microglia. <i>Journal of Physiology</i> , 2019, 597, 799-818.	1.3	18
15	Chronic Intermittent Hypoxia Induces Robust Astrogliosis in an Alzheimer's Disease-Relevant Mouse Model. <i>Neuroscience</i> , 2019, 398, 55-63.	1.1	20
16	Overlapping but distinct TDP-43 and tau pathologic patterns in aged hippocampi. <i>Brain Pathology</i> , 2018, 28, 264-273.	2.1	66
17	Novel TNF receptor-1 inhibitors identified as potential therapeutic candidates for traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2018, 15, 154.	3.1	34
18	A Mild Traumatic Brain Injury in Mice Produces Lasting Deficits in Brain Metabolism. <i>Journal of Neurotrauma</i> , 2018, 35, 2435-2447.	1.7	36

#	ARTICLE	IF	CITATIONS
19	Depression following a traumatic brain injury: uncovering cytokine dysregulation as a pathogenic mechanism. <i>Neural Regeneration Research</i> , 2018, 13, 1693.	1.6	49
20	Risk factors and global cognitive status related to brain arteriolosclerosis in elderly individuals. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 201-216.	2.4	69
21	Pioglitazone Attenuates Neuroinflammation and Promotes Dopaminergic Neuronal Survival in the Nigrostriatal System of Rats after Diffuse Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 414-422.	1.7	61
22	Rod-shaped microglia morphology is associated with aging in 2 human autopsy series. <i>Neurobiology of Aging</i> , 2017, 52, 98-105.	1.5	61
23	Retention of normal glia function by an isoform-selective protein kinase inhibitor drug candidate that modulates cytokine production and cognitive outcomes. <i>Journal of Neuroinflammation</i> , 2017, 14, 75.	3.1	19
24	MW151 Inhibited IL-1 $\beta$ Levels after Traumatic Brain Injury with No Effect on Microglia Physiological Responses. <i>PLoS ONE</i> , 2016, 11, e0149451.	1.1	17
25	Diffuse traumatic brain injury induces prolonged immune dysregulation and potentiates hyperalgesia following a peripheral immune challenge. <i>Molecular Pain</i> , 2016, 12, 174480691664705.	1.0	34
26	Targeting innate immunity for neurodegenerative disorders of the central nervous system. <i>Journal of Neurochemistry</i> , 2016, 138, 653-693.	2.1	106
27	Time-dependent effects of CX3CR1 in a mouse model of mild traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2015, 12, 154.	3.1	76
28	Disease-related microglia heterogeneity in the hippocampus of Alzheimer's disease, dementia with Lewy bodies, and hippocampal sclerosis of aging. <i>Acta Neuropathologica Communications</i> , 2015, 3, 32.	2.4	197
29	Hippocampal Sclerosis of Aging Can Be Segmental. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 642-652.	0.9	31
30	Targeting Human Central Nervous System Protein Kinases: An Isoform Selective p38 $\beta$ MAPK Inhibitor That Attenuates Disease Progression in Alzheimer's Disease Mouse Models. <i>ACS Chemical Neuroscience</i> , 2015, 6, 666-680.	1.7	75
31	Inhibition of Neuronal p38 $\beta$ , but not p38 $\alpha$ MAPK, Provides Neuroprotection Against Three Different Neurotoxic Insults. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 509-518.	1.1	35
32	Closed Head Injury in an Age-Related Alzheimer Mouse Model Leads to an Altered Neuroinflammatory Response and Persistent Cognitive Impairment. <i>Journal of Neuroscience</i> , 2015, 35, 6554-6569.	1.7	68
33	Attenuation of traumatic brain injury-induced cognitive impairment in mice by targeting increased cytokine levels with a small molecule experimental therapeutic. <i>Journal of Neuroinflammation</i> , 2015, 12, 69.	3.1	36
34	Generation and Behavior Characterization of CaMKII $\beta$ Knockout Mice. <i>PLoS ONE</i> , 2014, 9, e105191.	1.1	38
35	The p38 $\alpha$ mitogen-activated protein kinase limits the CNS proinflammatory cytokine response to systemic lipopolysaccharide, potentially through an IL-10 dependent mechanism. <i>Journal of Neuroinflammation</i> , 2014, 11, 175.	3.1	8
36	Target Engagement Analysis and Link to Pharmacodynamic Endpoint for a Novel Class of CNS-penetrant and Efficacious p38 $\beta$ MAPK Inhibitors. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 454-460.	2.1	11

#	ARTICLE	IF	CITATIONS
37	Using mice to model Alzheimer's dementia: an overview of the clinical disease and the preclinical behavioral changes in 10 mouse models. <i>Frontiers in Genetics</i> , 2014, 5, 88.	1.1	562
38	Diffuse Brain Injury Induces Acute Post-Traumatic Sleep. <i>PLoS ONE</i> , 2014, 9, e82507.	1.1	64
39	Comprehensive behavioral characterization of an APP/PS-1 double knock-in mouse model of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 28.	3.0	106
40	Clinically relevant intronic splicing enhancer mutation in myelin proteolipid protein leads to progressive microglia and astrocyte activation in white and gray matter regions of the brain. <i>Journal of Neuroinflammation</i> , 2013, 10, 146.	3.1	15
41	The p38 <sup>Δ</sup> MAPK Regulates Microglial Responsiveness to Diffuse Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2013, 33, 6143-6153.	1.7	112
42	The role of microglia in adult hippocampal neurogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 229.	1.8	141
43	Development of Novel In Vivo Chemical Probes to Address CNS Protein Kinase Involvement in Synaptic Dysfunction. <i>PLoS ONE</i> , 2013, 8, e66226.	1.1	58
44	Deficiency in p38 <sup>Δ</sup> MAPK Fails to Inhibit Cytokine Production or Protect Neurons against Inflammatory Insult in In Vitro and In Vivo Mouse Models. <i>PLoS ONE</i> , 2013, 8, e56852.	1.1	16
45	Targeting Astrocytes Ameliorates Neurologic Changes in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2012, 32, 16129-16140.	1.7	249
46	Early Stage Drug Treatment That Normalizes Proinflammatory Cytokine Production Attenuates Synaptic Dysfunction in a Mouse Model That Exhibits Age-Dependent Progression of Alzheimer's Disease-Related Pathology. <i>Journal of Neuroscience</i> , 2012, 32, 10201-10210.	1.7	91
47	Fractalkine and CX3CR1 regulate hippocampal neurogenesis in adult and aged rats. <i>Neurobiology of Aging</i> , 2011, 32, 2030-2044.	1.5	317
48	Microglial p38 <sup>Δ</sup> MAPK is critical for LPS-induced neuron degeneration, through a mechanism involving TNF <sup>Δ</sup> . <i>Molecular Neurodegeneration</i> , 2011, 6, 84.	4.4	76
49	Microglial p38 <sup>Δ</sup> MAPK is a key regulator of proinflammatory cytokine up-regulation induced by toll-like receptor (TLR) ligands or beta-amyloid (A <sup>Δ</sup> ). <i>Journal of Neuroinflammation</i> , 2011, 8, 79.	3.1	204
50	CX3CL1 reduces neurotoxicity and microglial activation in a rat model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2011, 8, 9.	3.1	186
51	CX3CR1 Deficiency Leads to Impairment of Hippocampal Cognitive Function and Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2011, 31, 16241-16250.	1.7	531
52	Increased Neuronal Proliferation in the Dentate Gyrus of Aged Rats Following Neural Stem Cell Implantation. <i>Stem Cells and Development</i> , 2010, 19, 175-180.	1.1	48
53	Spirulina Promotes Stem Cell Genesis and Protects against LPS Induced Declines in Neural Stem Cell Proliferation. <i>PLoS ONE</i> , 2010, 5, e10496.	1.1	52
54	Neuron-Microglia Dialogue and Hippocampal Neurogenesis in the Aged Brain. , 2010, 1, 232-244.		31

#	ARTICLE	IF	CITATIONS
55	The p38 MAP Kinase Family as Regulators of Proinflammatory Cytokine Production in Degenerative Diseases of the CNS. , 2010, 1, 199-211.		83
56	Developmental Exposure to Polychlorinated Biphenyls Interferes with Experience-Dependent Dendritic Plasticity and Ryanodine Receptor Expression in Weanling Rats. Environmental Health Perspectives, 2009, 117, 426-435.	2.8	143
57	Decreased number of interneurons and increased seizures in neuropilin 2 deficient mice: Implications for autism and epilepsy. Epilepsia, 2009, 50, 629-645.	2.6	102
58	Interventions in Aging and Neurodegenerative Disease: Effects on Adult StemCells. , 2009, , 23-37.		0
59	Peripheral injection of human umbilical cord blood stimulates neurogenesis in the aged rat brain. BMC Neuroscience, 2008, 9, 22.	0.8	84
60	Enrichment improves cognition in AD mice by amyloid-related and unrelated mechanisms. Neurobiology of Aging, 2007, 28, 831-844.	1.5	196
61	Ontogenetic Alterations in Molecular and Structural Correlates of Dendritic Growth after Developmental Exposure to Polychlorinated Biphenyls. Environmental Health Perspectives, 2007, 115, 556-563.	2.8	72
62	Blockade of caspase-1 increases neurogenesis in the aged hippocampus. European Journal of Neuroscience, 2007, 26, 2795-2803.	1.2	62
63	Early inhibition of TNF- $\alpha$ increases 6-hydroxydopamine-induced striatal degeneration. Brain Research, 2007, 1147, 240-247.	1.1	19
64	Influence of predator stress on the consolidation versus retrieval of long-term spatial memory and hippocampal spinogenesis. Hippocampus, 2006, 16, 571-576.	0.9	197
65	Cardiac arrest with cardiopulmonary resuscitation reduces dendritic spine density in CA1 pyramidal cells and selectively alters acquisition of spatial memory. European Journal of Neuroscience, 2004, 20, 1865-1872.	1.2	48