Adam Douglas Bachstetter

List of Publications by Year
in descending order

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65	5,519	94433	118850
papers	citations	37 h-index	62 g-index

69	69	69	8155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adaptive immune cells shape obesity-associated type 2 diabetes mellitus and less prominent comorbidities. Nature Reviews Endocrinology, 2022, 18, 23-42.	9.6	56
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	Dystrophic microglia are associated with neurodegenerative disease and not healthy aging in the human brain. Neurobiology of Aging, 2021, 99, 19-27.	3.1	98
4	Space-occupying brain lesions, trauma-related tau astrogliopathy, and ARTAG: a report of two cases and a literature review. Acta Neuropathologica Communications, 2021, 9, 49.	5.2	8
5	Inflammatory Regulation of CNS Barriers After Traumatic Brain Injury: A Tale Directed by Interleukin-1. Frontiers in Immunology, 2021, 12, 688254.	4.8	18
6	Dysregulation of Systemic Immunity in Aging and Dementia. Frontiers in Cellular Neuroscience, 2021, 15, 652111.	3.7	61
7	Alzheimer Disease Pathology-Associated Polymorphism in a Complex Variable Number of Tandem Repeat Region Within the MUC6 Gene, Near the AP2A2 Gene. Journal of Neuropathology and Experimental Neurology, 2020, 79, 3-21.	1.7	19
8	Optimization and validation of a modified radial-arm water maze protocol using a murine model of mild closed head traumatic brain injury. PLoS ONE, 2020, 15, e0232862.	2.5	8
9	An active avoidance behavioral paradigm for use in a mild closed head model of traumatic brain injury in mice. Journal of Neuroscience Methods, 2020, 343, 108831.	2.5	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. Experimental Neurology, 2020, 326, 113180.	4.1	20
11	Effects of advanced age upon astrocyte-specific responses to acute traumatic brain injury in mice. Journal of Neuroinflammation, 2020, 17, 115.	7.2	47
12	A Systematic Review of Closed Head Injury Models of Mild Traumatic Brain Injury in Mice and Rats. Journal of Neurotrauma, 2019, 36, 1683-1706.	3.4	112
13	Effects of the dual orexin receptor antagonist DORAâ€22 on sleep in 5XFAD mice. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 70-80.	3.7	17
14	Simulation of P2Xâ€mediated calcium signalling in microglia. Journal of Physiology, 2019, 597, 799-818.	2.9	18
15	Chronic Intermittent Hypoxia Induces Robust Astrogliosis in an Alzheimerâ€™s Disease-Relevant Mouse Model. Neuroscience, 2019, 398, 55-63.	2.3	20
16	Overlapping but distinct TDPâ€43 and tau pathologic patterns in aged hippocampi. Brain Pathology, 2018, 28, 264-273.	4.1	66
17	Novel TNF receptor-1 inhibitors identified as potential therapeutic candidates for traumatic brain injury. Journal of Neuroinflammation, 2018, 15, 154.	7.2	34
18	A Mild Traumatic Brain Injury in Mice Produces Lasting Deficits in Brain Metabolism. Journal of Neurotrauma, 2018, 35, 2435-2447.	3.4	36

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19	Depression following a traumatic brain injury: uncovering cytokine dysregulation as a pathogenic mechanism. Neural Regeneration Research, 2018, 13, 1693.	3.0	49
20	Risk factors and global cognitive status related to brain arteriolosclerosis in elderly individuals. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 201-216.	4.3	69
21	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
22	Rod-shaped microglia morphology is associated with aging in 2 human autopsy series. Neurobiology of Aging, 2017, 52, 98-105.	3.1	61
23	Retention of normal glia function by an isoform-selective protein kinase inhibitor drug candidate that modulates cytokine production and cognitive outcomes. Journal of Neuroinflammation, 2017, 14, 75.	7.2	19
24	MW151 Inhibited IL-1Î² Levels after Traumatic Brain Injury with No Effect on Microglia Physiological Responses. PLoS ONE, 2016, 11, e0149451.	2.5	17
25	Diffuse traumatic brain injury induces prolonged immune dysregulation and potentiates hyperalgesia following a peripheral immune challenge. Molecular Pain, 2016, 12, 174480691664705.	2.1	34
26	Targeting innate immunity for neurodegenerative disorders of the central nervous system. Journal of Neurochemistry, 2016, 138, 653-693.	3.9	106
27	Time-dependent effects of CX3CR1 in a mouse model of mild traumatic brain injury. Journal of Neuroinflammation, 2015, 12, 154.	7.2	76
28	Disease-related microglia heterogeneity in the hippocampus of Alzheimerâ€™s disease, dementia with Lewy bodies, and hippocampal sclerosis of aging. Acta Neuropathologica Communications, 2015, 3, 32.	5.2	197
29	Hippocampal Sclerosis of Aging Can Be Segmental. Journal of Neuropathology and Experimental Neurology, 2015, 74, 642-652.	1.7	31
30	Targeting Human Central Nervous System Protein Kinases: An Isoform Selective p38Î±MAPK Inhibitor That Attenuates Disease Progression in Alzheimerâ€™s Disease Mouse Models. ACS Chemical Neuroscience, 2015, 6, 666-680.	3.5	75
31	Inhibition of Neuronal p38Î±, but not p38Î² MAPK, Provides Neuroprotection Against Three Different Neurotoxic Insults. Journal of Molecular Neuroscience, 2015, 55, 509-518.	2.3	35
32	Closed Head Injury in an Age-Related Alzheimer Mouse Model Leads to an Altered Neuroinflammatory Response and Persistent Cognitive Impairment. Journal of Neuroscience, 2015, 35, 6554-6569.	3.6	68
33	Attenuation of traumatic brain injury-induced cognitive impairment in mice by targeting increased cytokine levels with a small molecule experimental therapeutic. Journal of Neuroinflammation, 2015, 12, 69.	7.2	36
34	Generation and Behavior Characterization of CaMKIIÎ² Knockout Mice. PLoS ONE, 2014, 9, e105191.	2.5	38
35	The p38alpha mitogen-activated protein kinase limits the CNS proinflammatory cytokine response to systemic lipopolysaccharide, potentially through an IL-10 dependent mechanism. Journal of Neuroinflammation, 2014, 11, 175.	7.2	8
36	Target Engagement Analysis and Link to Pharmacodynamic Endpoint for a Novel Class of CNS-penetrant and Efficacious p38Î± MAPK Inhibitors. Journal of NeuroImmune Pharmacology, 2014, 9, 454-460.	4.1	11

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37	Using mice to model Alzheimer's dementia: an overview of the clinical disease and the preclinical behavioral changes in 10 mouse models. Frontiers in Genetics, 2014, 5, 88.	2.3	562
38	Diffuse Brain Injury Induces Acute Post-Traumatic Sleep. PLoS ONE, 2014, 9, e82507.	2.5	64
39	Comprehensive behavioral characterization of an APP/PS-1 double knock-in mouse model of Alzheimer's disease. Alzheimer's Research and Therapy, 2013, 5, 28.	6.2	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. Journal of Neuroinflammation, 2013, 10, 146.	7.2	15
41	The p38Î± MAPK Regulates Microglial Responsiveness to Diffuse Traumatic Brain Injury. Journal of Neuroscience, 2013, 33, 6143-6153.	3.6	112
42	The role of microglia in adult hippocampal neurogenesis. Frontiers in Cellular Neuroscience, 2013, 7, 229.	3.7	141
43	Development of Novel In Vivo Chemical Probes to Address CNS Protein Kinase Involvement in Synaptic Dysfunction. PLoS ONE, 2013, 8, e66226.	2.5	58
44	Deficiency in p38Î² MAPK Fails to Inhibit Cytokine Production or Protect Neurons against Inflammatory Insult in In Vitro and In Vivo Mouse Models. PLoS ONE, 2013, 8, e56852.	2.5	16
45	Targeting Astrocytes Ameliorates Neurologic Changes in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2012, 32, 16129-16140.	3.6	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. Journal of Neuroscience, 2012, 32, 10201-10210.	3.6	91
47	Fractalkine and CX3CR1 regulate hippocampal neurogenesis in adult and aged rats. Neurobiology of Aging, 2011, 32, 2030-2044.	3.1	317
48	Microglial p38Î± MAPK is critical for LPS-induced neuron degeneration, through a mechanism involving TNFÎ±. Molecular Neurodegeneration, 2011, 6, 84.	10.8	76
49	Microglial p38Î± MAPK is a key regulator of proinflammatory cytokine up-regulation induced by toll-like receptor (TLR) ligands or beta-amyloid (Aî²). Journal of Neuroinflammation, 2011, 8, 79.	7.2	204
50	CX3CL1 reduces neurotoxicity and microglial activation in a rat model of Parkinson's disease. Journal of Neuroinflammation, 2011, 8, 9.	7.2	186
51	CX3CR1 Deficiency Leads to Impairment of Hippocampal Cognitive Function and Synaptic Plasticity. Journal of Neuroscience, 2011, 31, 16241-16250.	3.6	531
52	Increased Neuronal Proliferation in the Dentate Gyrus of Aged Rats Following Neural Stem Cell Implantation. Stem Cells and Development, 2010, 19, 175-180.	2.1	48
53	Spirulina Promotes Stem Cell Genesis and Protects against LPS Induced Declines in Neural Stem Cell Proliferation. PLoS ONE, 2010, 5, e10496.	2.5	52
54	Neuron-Microglia Dialogue and Hippocampal Neurogenesis in the Aged Brain. , 2010, 1, 232-244.		31

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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.	6.0	143
57	Decreased number of interneurons and increased seizures in neuropilin 2 deficient mice: Implications for autism and epilepsy. Epilepsia, 2009, 50, 629-645.	5.1	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.	1.9	84
60	Enrichment improves cognition in AD mice by amyloid-related and unrelated mechanisms. Neurobiology of Aging, 2007, 28, 831-844.	3.1	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.	6.0	72
62	Blockade of caspaseâ€1 increases neurogenesis in the aged hippocampus. European Journal of Neuroscience, 2007, 26, 2795-2803.	2.6	62
63	Early inhibition of TNFÎ± increases 6-hydroxydopamine-induced striatal degeneration. Brain Research, 2007, 1147, 240-247.	2.2	19
64	Influence of predator stress on the consolidation versus retrieval of long-term spatial memory and hippocampal spinogenesis. Hippocampus, 2006, 16, 571-576.	1.9	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.	2.6	48