

Marion S Buckwalter

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

8,935
citations

126907

33
h-index

114465

63
g-index

73
all docs

73
docs citations

73
times ranked

13600
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurotoxic reactive astrocytes are induced by activated microglia. <i>Nature</i> , 2017, 541, 481-487.	27.8	4,977
2	Immune responses to stroke: mechanisms, modulation, and therapeutic potential. <i>Journal of Clinical Investigation</i> , 2020, 130, 2777-2788.	8.2	344
3	Aged blood impairs hippocampal neural precursor activity and activates microglia via brain endothelial cell VCAM1. <i>Nature Medicine</i> , 2019, 25, 988-1000.	30.7	260
4	B-Lymphocyte-Mediated Delayed Cognitive Impairment following Stroke. <i>Journal of Neuroscience</i> , 2015, 35, 2133-2145.	3.6	257
5	Albumin induces excitatory synaptogenesis through astrocytic TGF- β 2/ALK5 signaling in a model of acquired epilepsy following blood-brain barrier dysfunction. <i>Neurobiology of Disease</i> , 2015, 78, 115-125.	4.4	213
6	A missense mutation in the gene encoding the α 1 subunit of the inhibitory glycine receptor in the spasmodic mouse. <i>Nature Genetics</i> , 1994, 7, 131-135.	21.4	207
7	TGF- β 2 signaling in the brain increases with aging and signals to astrocytes and innate immune cells in the weeks after stroke. <i>Journal of Neuroinflammation</i> , 2010, 7, 62.	7.2	200
8	Astrocytic transforming growth factor-beta signaling reduces subacute neuroinflammation after stroke in mice. <i>Glia</i> , 2014, 62, 1227-1240.	4.9	160
9	Astrocytes: Integrative Regulators of Neuroinflammation in Stroke and Other Neurological Diseases. <i>Neurotherapeutics</i> , 2016, 13, 685-701.	4.4	156
10	Chronically Increased Transforming Growth Factor- β 1 Strongly Inhibits Hippocampal Neurogenesis in Aged Mice. <i>American Journal of Pathology</i> , 2006, 169, 154-164.	3.8	124
11	Infection as a Stroke Risk Factor and Determinant of Outcome After Stroke. <i>Stroke</i> , 2020, 51, 3156-3168.	2.0	122
12	A frameshift mutation in the mouse α 1 glycine receptor gene (<i>Gria1</i>) results in progressive neurological symptoms and juvenile death. <i>Human Molecular Genetics</i> , 1994, 3, 2025-2030.	2.9	114
13	Astrocytic TGF- β 2 Signaling Limits Inflammation and Reduces Neuronal Damage during Central Nervous System <i>Toxoplasma</i> Infection. <i>Journal of Immunology</i> , 2014, 193, 139-149.	0.8	113
14	Blood-brain barrier dysfunction-induced inflammatory signaling in brain pathology and epileptogenesis. <i>Epilepsia</i> , 2012, 53, 37-44.	5.1	111
15	Glia-dependent TGF- β 2 signaling, acting independently of the TH17 pathway, is critical for initiation of murine autoimmune encephalomyelitis. <i>Journal of Clinical Investigation</i> , 2007, 117, 3306-3315.	8.2	108
16	A small molecule p75NTR ligand prevents cognitive deficits and neurite degeneration in an Alzheimer's mouse model. <i>Neurobiology of Aging</i> , 2013, 34, 2052-2063.	3.1	104
17	Localization of the panhypopituitary dwarf mutation (<i>df</i>) on mouse chromosome 11 in an intersubspecific backcross. <i>Genomics</i> , 1991, 10, 515-526.	2.9	80
18	Suppression of Inflammation with Conditional Deletion of the Prostaglandin E ₂ EP2 Receptor in Macrophages and Brain Microglia. <i>Journal of Neuroscience</i> , 2013, 33, 16016-16032.	3.6	74

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19	Immune Pathways in Etiology, Acute Phase, and Chronic Sequelae of Ischemic Stroke. <i>Circulation Research</i> , 2022, 130, 1167-1186.	4.5	74
20	Modelling neuroinflammatory phenotypes in vivo. <i>Journal of Neuroinflammation</i> , 2004, 1, 10.	7.2	66
21	Delayed Administration of a Small Molecule Tropomyosin-Related Kinase B Ligand Promotes Recovery After Hypoxic Ischemic Stroke. <i>Stroke</i> , 2012, 43, 1918-1924.	2.0	63
22	A year-long immune profile of the systemic response in acute stroke survivors. <i>Brain</i> , 2019, 142, 978-991.	7.6	59
23	Mouse Chromosome 11. <i>Mammalian Genome</i> , 1992, 3, S162-S181.	2.2	55
24	Distal hypoxic stroke: A new mouse model of stroke with high throughput, low variability and a quantifiable functional deficit. <i>Journal of Neuroscience Methods</i> , 2012, 207, 31-40.	2.5	48
25	The Local and Peripheral Immune Responses to Stroke: Implications for Therapeutic Development. <i>Neurotherapeutics</i> , 2020, 17, 414-435.	4.4	48
26	Increased T Cell Recruitment to the CNS after Amyloid beta1-42 Immunization in Alzheimer's Mice Overproducing Transforming Growth Factor-beta1. <i>Journal of Neuroscience</i> , 2006, 26, 11437-11441.	3.6	46
27	¹¹ C-DPA-713 Versus ¹⁸ F-GE-180: A Preclinical Comparison of Translocator Protein 18 kDa PET Tracers to Visualize Acute and Chronic Neuroinflammation in a Mouse Model of Ischemic Stroke. <i>Journal of Nuclear Medicine</i> , 2019, 60, 122-128.	5.0	46
28	Genetic Mapping and Evaluation of Candidate Genes for Spasmodic, a Neurological Mouse Mutation with Abnormal Startle Response. <i>Genomics</i> , 1993, 17, 279-286.	2.9	43
29	Antibodies to myelin basic protein are associated with cognitive decline after stroke. <i>Journal of Neuroimmunology</i> , 2016, 295-296, 9-11.	2.3	42
30	Does B lymphocyte-mediated autoimmunity contribute to post-stroke dementia?. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 1-8.	4.1	41
31	Metronidazole-Induced Encephalopathy: Not Always a Reversible Situation. <i>Neurocritical Care</i> , 2015, 22, 429-436.	2.4	40
32	Serum Neuron-Specific Enolase Levels from the Same Patients Differ Between Laboratories: Assessment of a Prospective Post-cardiac Arrest Cohort. <i>Neurocritical Care</i> , 2013, 19, 161-166.	2.4	38
33	Imaging B Cells in a Mouse Model of Multiple Sclerosis Using ⁶⁴ Cu-Rituximab PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1845-1851.	5.0	35
34	A Mouse Model of Permanent Focal Ischemia: Distal Middle Cerebral Artery Occlusion. <i>Methods in Molecular Biology</i> , 2014, 1135, 103-110.	0.9	34
35	Depression one year after hemorrhagic stroke is associated with late worsening of outcomes. <i>NeuroRehabilitation</i> , 2017, 41, 179-187.	1.3	31
36	Augmented β 2-adrenergic signaling dampens the neuroinflammatory response following ischemic stroke and increases stroke size. <i>Journal of Neuroinflammation</i> , 2019, 16, 112.	7.2	30

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55	Home-based virtual reality therapy for hand recovery after stroke. PM and R, 2022, 14, 320-328.	1.6	9
56	Ferumoxytol administration does not alter infarct volume or the inflammatory response to stroke in mice. Neuroscience Letters, 2015, 584, 236-240.	2.1	7
57	Obesity Drives Delayed Infarct Expansion, Inflammation, and Distinct Gene Networks in a Mouse Stroke Model. Translational Stroke Research, 2021, 12, 331-346.	4.2	7
58	Prognostication of ICU Patients by Providers with and without Neurocritical Care Training. Neurocritical Care, 2022, 37, 190-199.	2.4	7
59	Mapping causal circuit dynamics in stroke using simultaneous electroencephalography and transcranial magnetic stimulation. BMC Neurology, 2021, 21, 280.	1.8	6
60	T cells direct microglial repair of white matter after stroke. Trends in Neurosciences, 2021, 44, 769-770.	8.6	6
61	B and T Lymphocyte Densities Remain Stable With Age in Human Cortex. ASN Neuro, 2021, 13, 175909142110181.	2.7	5
62	A longitudinal study of the post-stroke immune response and cognitive functioning: the StrokeCog study protocol. BMC Neurology, 2020, 20, 313.	1.8	4
63	Abstract 105: Diagnostic Accuracy of MRI in Spontaneous Intra-cerebral Hemorrhage (DASH) - Final Results. Stroke, 2012, 43, .	2.0	1
64	P1-253 Chronically increased brain TGF beta-1 leads to hippocampal microgliosis and decreased hippocampal neurogenesis in adult mice. Neurobiology of Aging, 2004, 25, S168.	3.1	0
65	Abstract 3752: Performance Of Color ADC Maps As A Prognostic Tool In Comatose Post-cardiac Arrest Patients. Stroke, 2012, 43, .	2.0	0
66	Abstract WP114: High-fat Diet Leads to Increased Brain Inflammation and Worse Outcomes After Stroke in Mice. Stroke, 2017, 48, .	2.0	0
67	Abstract WP564: Deep Immune Profiling of the Post-Stroke Peripheral Immune Response Reveals Tri-phasic Response and Correlations With Long-Term Cognitive Outcomes. Stroke, 2019, 50, .	2.0	0
68	Abstract WP142: Targeting VCAM1 to Reduce Acute and Chronic Neuroinflammation After Stroke. Stroke, 2020, 51, .	2.0	0
69	Abstract TP15: Self-report Does Not Align With Objective Assessments Of Memory And Fine Motor Functioning In Stroke Survivors. Stroke, 2022, 53, .	2.0	0
70	Ischemia-triggered, immune-mediated neurodegeneration as a component of VCID. Alzheimer's and Dementia, 2021, 17, .	0.8	0
71	Targeting VCAM1 to reduce neuroinflammation in ischemia-triggered vascular dementia.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e053849.	0.8	0