

Andrew G Maclean

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,771
citations

361413

20
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

2963
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokines and Chemokines at the Crossroads of Neuroinflammation, Neurodegeneration, and Neuropathic Pain. <i>Mediators of Inflammation</i> , 2013, 2013, 1-20.	3.0	458
2	Thymosin Î² 4 sulfoxide is an anti-inflammatory agent generated by monocytes in the presence of glucocorticoids. <i>Nature Medicine</i> , 1999, 5, 1424-1427.	30.7	183
3	Acquired immunodeficiency syndrome and the blood-brain barrier. <i>Journal of NeuroVirology</i> , 2009, 15, 111-122.	2.1	99
4	Nef Secretion into Extracellular Vesicles or Exosomes Is Conserved across Human and Simian Immunodeficiency Viruses. <i>MBio</i> , 2018, 9, .	4.1	84
5	Glial cell morphological and density changes through the lifespan of rhesus macaques. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 60-69.	4.1	74
6	CRISPR based editing of SIV proviral DNA in ART treated non-human primates. <i>Nature Communications</i> , 2020, 11, 6065.	12.8	66
7	Contributions of Nonhuman Primates to Research on Aging. <i>Veterinary Pathology</i> , 2016, 53, 277-290.	1.7	62
8	The Stress-Response Factor SigH Modulates the Interaction between Mycobacterium tuberculosis and Host Phagocytes. <i>PLoS ONE</i> , 2012, 7, e28958.	2.5	57
9	Macaques with Rapid Disease Progression and Simian Immunodeficiency Virus Encephalitis Have a Unique Cytokine Profile in Peripheral Lymphoid Tissues. <i>Journal of Virology</i> , 2001, 75, 4448-4452.	3.4	54
10	Enhanced Expression of Proinflammatory Cytokines in the Central Nervous System Is Associated with Neuroinvasion by Simian Immunodeficiency Virus and the Development of Encephalitis. <i>Journal of Virology</i> , 2002, 76, 5797-5802.	3.4	53
11	New advances on glial activation in health and disease. <i>World Journal of Virology</i> , 2015, 4, 42.	2.9	53
12	Innate Immune Activation in the Pathogenesis of a Murine Model of Globoid Cell Leukodystrophy. <i>American Journal of Pathology</i> , 2014, 184, 382-396.	3.8	46
13	miR-130a and miR-212 Disrupt the Intestinal Epithelial Barrier through Modulation of PPARÎ³ and Occludin Expression in Chronic Simian Immunodeficiency Virus-Infected Rhesus Macaques. <i>Journal of Immunology</i> , 2018, 200, 2677-2689.	0.8	39
14	Neuropathogenesis of Chikungunya infection: astrogliosis and innate immune activation. <i>Journal of NeuroVirology</i> , 2016, 22, 140-148.	2.1	36
15	Aerosol-induced brucellosis increases TLR-2 expression and increased complexity in the microanatomy of astroglia in rhesus macaques. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 86.	3.9	32
16	Transient acidification and subsequent proinflammatory cytokine stimulation of astrocytes induce distinct activation phenotypes. <i>Journal of Cellular Physiology</i> , 2013, 228, 1284-1294.	4.1	28
17	MCP-3/CCL7 production by astrocytes: implications for SIV neuroinvasion and AIDS encephalitis. <i>Journal of NeuroVirology</i> , 2011, 17, 146-152.	2.1	27
18	Association of FAK activation with lentivirus-induced disruption of blood-brain barrier tight junction-associated ZO-1 protein organization. <i>Journal of NeuroVirology</i> , 2009, 15, 312-323.	2.1	26

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19	Simian immunodeficiency virus disrupts extended lengths of the blood-brain barrier. <i>Journal of Medical Primatology</i> , 2005, 34, 237-242.	0.6	23
20	Imaging of surface microdomains on individual extracellular vesicles in 3D. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12191.	12.2	23
21	A novel real-time CTL assay to measure designer T cell function against HIV Env ⁺ cells. <i>Journal of Medical Primatology</i> , 2014, 43, 341-348.	0.6	22
22	Rhesus macaque brain microvessel endothelial cells behave in a manner phenotypically distinct from umbilical vein endothelial cells. <i>Journal of Neuroimmunology</i> , 2001, 118, 223-232.	2.3	20
23	Naltrexone treatment reverses astrocyte atrophy and immune dysfunction in self-harming macaques. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 288-297.	4.1	20
24	Form follows function: astrocyte morphology and immune dysfunction in SIV neuroAIDS. <i>Journal of NeuroVirology</i> , 2014, 20, 474-484.	2.1	18
25	Characterization of an in vitro rhesus macaque blood-brain barrier. <i>Journal of Neuroimmunology</i> , 2002, 131, 98-103.	2.3	17
26	Astrocyte Atrophy and Immune Dysfunction in Self-Harming Macaques. <i>PLoS ONE</i> , 2013, 8, e69980.	2.5	17
27	Microglia activation by SIV-infected macrophages: alterations in morphology and cytokine secretion. <i>Journal of NeuroVirology</i> , 2012, 18, 213-221.	2.1	15
28	An inverted blood-brain barrier model that permits interactions between glia and inflammatory stimuli. <i>Journal of Neuroscience Methods</i> , 2012, 207, 91-96.	2.5	15
29	Activation of the blood-brain barrier by SIV (simian immunodeficiency virus) requires cell-associated virus and is not restricted to endothelial cell activation. <i>Biochemical Society Transactions</i> , 2004, 32, 750-752.	3.4	14
30	SIV-induced activation of the blood-brain barrier requires cell-associated virus and is not restricted to endothelial cell activation. <i>Journal of Medical Primatology</i> , 2004, 33, 236-242.	0.6	11
31	The flavivirus dengue induces hypertrophy of white matter astrocytes. <i>Journal of NeuroVirology</i> , 2016, 22, 831-839.	2.1	11
32	S100 β as a novel and accessible indicator for the presence of monocyte-driven encephalitis in AIDS. <i>Neuropathology and Applied Neurobiology</i> , 2012, 38, 162-174.	3.2	10
33	Extracellular Vesicles as a Means of Viral Immune Evasion, CNS Invasion, and Glia-Induced Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 695899.	3.7	10
34	Culture Model for Non-human Primate Choroid Plexus. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 396.	3.7	9
35	Mediators of Neuroinflammation. <i>Mediators of Inflammation</i> , 2013, 2013, 1-2.	3.0	8
36	Self-injurious behaviours in rhesus macaques: Potential glial mechanisms. <i>Journal of Intellectual Disability Research</i> , 2018, 62, 1008-1017.	2.0	8

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37	Chronic Viral Neuroinflammation: Speculation on Underlying Mechanisms. <i>Viral Immunology</i> , 2019, 32, 55-62.	1.3	7
38	Current and Future Therapeutic Strategies for Lentiviral Eradication from Macrophage Reservoirs. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 68-93.	4.1	4
39	Lack of susceptibility in neonatally infected rhesus macaques to simian immunodeficiency virus-induced encephalitis. <i>Journal of NeuroVirology</i> , 2019, 25, 578-588.	2.1	3
40	A Method to Investigate Astrocyte and Microglial Morphological Changes in the Aging Brain of the Rhesus Macaque. <i>Methods in Molecular Biology</i> , 2019, 1938, 265-276.	0.9	3
41	Transcriptional signatures of Zika virus infection in astrocytes. <i>Journal of NeuroVirology</i> , 2021, 27, 116-125.	2.1	3
42	Relationship of Human Neutrophil Morphology and Actin Distribution to Dispersive Locomotion caused by a steroid induced factor. <i>Experimental Biology Online</i> , 1997, 2, 1-12.	1.0	1
43	A novel approach to practical enzymology teaching: a conductimetric investigation of arginase, inorganic pyrophosphatase, aliphatic esterase, ornithine carbamyl transferase and argininosuccinate lyase activities from mammalian liver. <i>Biochemical Education</i> , 1998, 26, 56-62.	0.1	1
44	Adverse event following live attenuated chikungunya vaccine in a cynomolgus macaque with pre-existing chronic hydrocephalus. <i>Journal of Medical Primatology</i> , 2019, 48, 257-259.	0.6	1
45	Conductimetry for enzyme teaching. <i>Biochemical Society Transactions</i> , 1998, 26, S197-S197.	3.4	0
46	Astrocyte and microglial aging. , 2021, , 269-279.		0
47	Klotho Expression in Aging and Disease. <i>FASEB Journal</i> , 2022, 36, .	0.5	0