Andrew G Maclean

List of Publications by Year
in descending order

47 papers	1,771 citations	361296 20 h-index	276775 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. Mediators of Inflammation, 2013, 2013, 1-20.	1.4	458
2	Thymosin Î² 4 sulfoxide is an anti-inflammatory agent generated by monocytes in the presence of glucocorticoids. Nature Medicine, 1999, 5, 1424-1427.	15.2	183
3	Acquired immunodeficiency syndrome and the blood-brain barrier. Journal of NeuroVirology, 2009, 15, 111-122.	1.0	99
4	Nef Secretion into Extracellular Vesicles or Exosomes Is Conserved across Human and Simian Immunodeficiency Viruses. MBio, 2018, 9, .	1.8	84
5	Glial cell morphological and density changes through the lifespan of rhesus macaques. Brain, Behavior, and Immunity, 2016, 55, 60-69.	2.0	74
6	CRISPR based editing of SIV proviral DNA in ART treated non-human primates. Nature Communications, 2020, 11, 6065.	5.8	66
7	Contributions of Nonhuman Primates to Research on Aging. Veterinary Pathology, 2016, 53, 277-290.	0.8	62
8	The Stress-Response Factor SigH Modulates the Interaction between Mycobacterium tuberculosis and Host Phagocytes. PLoS ONE, 2012, 7, e28958.	1.1	57
9	Macaques with Rapid Disease Progression and Simian Immunodeficiency Virus Encephalitis Have a Unique Cytokine Profile in Peripheral Lymphoid Tissues. Journal of Virology, 2001, 75, 4448-4452.	1.5	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. Journal of Virology, 2002, 76, 5797-5802.	1.5	53
11	New advances on glial activation in health and disease. World Journal of Virology, 2015, 4, 42.	1.3	53
12	Innate Immune Activation in the Pathogenesis of a Murine Model of Globoid Cell Leukodystrophy. American Journal of Pathology, 2014, 184, 382-396.	1.9	46
13	miR-130a and miR-212 Disrupt the Intestinal Epithelial Barrier through Modulation of PPARÎ³ and Occludin Expression in Chronic Simian Immunodeficiency Virusâ€“Infected Rhesus Macaques. Journal of Immunology, 2018, 200, 2677-2689.	0.4	39
14	Neuropathogenesis of Chikungunya infection: astrogliosis and innate immune activation. Journal of NeuroVirology, 2016, 22, 140-148.	1.0	36
15	Aerosol-induced brucellosis increases TLR-2 expression and increased complexity in the microanatomy of astroglia in rhesus macaques. Frontiers in Cellular and Infection Microbiology, 2013, 3, 86.	1.8	32
16	Transient acidification and subsequent proinflammatory cytokine stimulation of astrocytes induce distinct activation phenotypes. Journal of Cellular Physiology, 2013, 228, 1284-1294.	2.0	28
17	MCP-3/CCL7 production by astrocytes: implications for SIV neuroinvasion and AIDS encephalitis. Journal of NeuroVirology, 2011, 17, 146-152.	1.0	27
18	Association of FAK activation with lentivirus-induced disruption of blood-brain barrier tight junctionâ€“associated ZO-1 protein organization. Journal of NeuroVirology, 2009, 15, 312-323.	1.0	26

#	Article	IF	Citations
19	Simian immunodeficiency virus disrupts extended lengths of the blood-brain barrier. Journal of Medical Primatology, 2005, 34, 237-242.	0.3	23
20	Imaging of surface microdomains on individual extracellular vesicles in 3â€D. Journal of Extracellular Vesicles, 2022, 11, e12191.	5.5	23
21	A novel realâ€time CTL assay to measure designer Tâ€cell function against <scp>HIV</scp> Env⁺ cells. Journal of Medical Primatology, 2014, 43, 341-348.	0.3	22
22	Rhesus macaque brain microvessel endothelial cells behave in a manner phenotypically distinct from umbilical vein endothelial cells. Journal of Neuroimmunology, 2001, 118, 223-232.	1.1	20
23	Naltrexone treatment reverses astrocyte atrophy and immune dysfunction in self-harming macaques. Brain, Behavior, and Immunity, 2015, 50, 288-297.	2.0	20
24	Form follows function: astrocyte morphology and immune dysfunction in SIV neuroAIDS. Journal of NeuroVirology, 2014, 20, 474-484.	1.0	18
25	Characterization of an in vitro rhesus macaque bloodâ€“brain barrier. Journal of Neuroimmunology, 2002, 131, 98-103.	1.1	17
26	Astrocyte Atrophy and Immune Dysfunction in Self-Harming Macaques. PLoS ONE, 2013, 8, e69980.	1.1	17
27	Microglia activation by SIV-infected macrophages: alterations in morphology and cytokine secretion. Journal of NeuroVirology, 2012, 18, 213-221.	1.0	15
28	An inverted bloodâ€“brain barrier model that permits interactions between glia and inflammatory stimuli. Journal of Neuroscience Methods, 2012, 207, 91-96.	1.3	15
29	Activation of the bloodâ€“brain barrier by SIV (simian immunodeficiency virus) requires cell-associated virus and is not restricted to endothelial cell activation. Biochemical Society Transactions, 2004, 32, 750-752.	1.6	14
30	SIV-induced activation of the blood-brain barrier requires cell-associated virus and is not restricted to endothelial cell activation. Journal of Medical Primatology, 2004, 33, 236-242.	0.3	11
31	The flavivirus dengue induces hypertrophy of white matter astrocytes. Journal of NeuroVirology, 2016, 22, 831-839.	1.0	11
32	S100Î² as a novel and accessible indicator for the presence of monocyteâ€driven encephalitis in AIDS. Neuropathology and Applied Neurobiology, 2012, 38, 162-174.	1.8	10
33	Extracellular Vesicles as a Means of Viral Immune Evasion, CNS Invasion, and Glia-Induced Neurodegeneration. Frontiers in Cellular Neuroscience, 2021, 15, 695899.	1.8	10
34	Culture Model for Non-human Primate Choroid Plexus. Frontiers in Cellular Neuroscience, 2019, 13, 396.	1.8	9
35	Mediators of Neuroinflammation. Mediators of Inflammation, 2013, 2013, 1-2.	1.4	8
36	Selfâ€injurious behaviours in rhesus macaques: Potential glial mechanisms. Journal of Intellectual Disability Research, 2018, 62, 1008-1017.	1.2	8

#	Article	IF	Citations
37	Chronic Viral Neuroinflammation: Speculation on Underlying Mechanisms. Viral Immunology, 2019, 32, 55-62.	0.6	7
38	Current and Future Therapeutic Strategies for Lentiviral Eradication from Macrophage Reservoirs. Journal of NeuroImmune Pharmacology, 2019, 14, 68-93.	2.1	4
39	Lack of susceptibility in neonatally infected rhesus macaques to simian immunodeficiency virus-induced encephalitis. Journal of NeuroVirology, 2019, 25, 578-588.	1.0	3
40	A Method to Investigate Astrocyte and Microglial Morphological Changes in the Aging Brain of the Rhesus Macaque. Methods in Molecular Biology, 2019, 1938, 265-276.	0.4	3
41	Transcriptional signatures of Zika virus infection in astrocytes. Journal of NeuroVirology, 2021, 27, 116-125.	1.0	3
42	Relationship of Human Neutrophil Morphology and Actin Distribution to Dispersive Locomotion caused by a steroid induced factor. Experimental Biology Online, 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. Biochemical Education, 1998, 26, 56-62.	0.1	1
44	Adverse event following live attenuated chikungunya vaccine in a cynomolgus macaque with preâ€existing chronic hydrocephalus. Journal of Medical Primatology, 2019, 48, 257-259.	0.3	1
45	Conductimetry for enzyme teaching. Biochemical Society Transactions, 1998, 26, S197-S197.	1.6	0
46	Astrocyte and microglial aging. , 2021, , 269-279.		0
47	Klotho Expression in Aging and Disease. FASEB Journal, 2022, 36, .	0.2	0