Marcus Kaul

List of Publications by Year
in descending order

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48	3,672	218677	233421
papers	citations	26 h-index	45 g-index

50	50	50	3687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HIV Protein Tat Induces Macrophage Dysfunction and Atherosclerosis Development in Low-Density Lipoprotein Receptorâ€“Deficient Mice. Cardiovascular Drugs and Therapy, 2022, 36, 201-215.	2.6	7
2	HIV-1 gp120 Impairs Spatial Memory Through Cyclic AMP Response Element-Binding Protein. Frontiers in Aging Neuroscience, 2022, 14, .	3.4	2
3	Arachidonic Acid Cascade and Eicosanoid Production Are Elevated While LTC4 Synthase Modulates the Lipidomics Profile in the Brain of the HIVgp120-Transgenic Mouse Model of NeuroHIV. Cells, 2022, 11, 2123.	4.1	6
4	Beneficial and Adverse Effects of cART Affect Neurocognitive Function in HIV-1 Infection: Balancing Viral Suppression against Neuronal Stress and Injury. Journal of NeuroImmune Pharmacology, 2021, 16, 90-112.	4.1	44
5	Innate Immune Sensing of Viruses and Its Consequences for the Central Nervous System. Viruses, 2021, 13, 170.	3.3	28
6	Comprehensive review of lipocalin 2-mediated effects in lung inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L726-L733.	2.9	19
7	Transcriptomic and Genetic Profiling of HIV-Associated Neurocognitive Disorders. Frontiers in Molecular Biosciences, 2021, 8, 721954.	3.5	4
8	A pivotal role for Interferon-Î± receptor-1 in neuronal injury induced by HIV-1. Journal of Neuroinflammation, 2020, 17, 226.	7.2	10
9	Methamphetamine and Cannabis: A Tale of Two Drugs and their Effects on HIV, Brain, and Behavior. Journal of NeuroImmune Pharmacology, 2020, 15, 743-764.	4.1	22
10	Lipocalin-2 mediates HIV-1 induced neuronal injury and behavioral deficits by overriding CCR5-dependent protection. Brain, Behavior, and Immunity, 2020, 89, 184-199.	4.1	19
11	Systems Biology Analysis of the Antagonizing Effects of HIV-1 Tat Expression in the Brain over Transcriptional Changes Caused by Methamphetamine Sensitization. Viruses, 2020, 12, 426.	3.3	7
12	The Long Noncoding RNAHEALRegulates HIV-1 Replication through Epigenetic Regulation of the HIV-1 Promoter. MBio, 2019, 10, .	4.1	49
13	Type I Interferons in NeuroHIV. Viral Immunology, 2019, 32, 7-14.	1.3	17
14	Transgenic mice expressing HIV-1 envelope protein gp120 in the brain as an animal model in neuroAIDS research. Journal of NeuroVirology, 2018, 24, 156-167.	2.1	45
15	The 23rd Scientific Conference of the Society on Neuroimmune Pharmacology. Journal of NeuroImmune Pharmacology, 2017, 12, 1-2.	4.1	11
16	IFNÎ² Protects Neurons from Damage in a Murine Model of HIV-1 Associated Brain Injury. Scientific Reports, 2017, 7, 46514.	3.3	37
17	Neuronal Stress and Injury Caused by HIV-1, cART and Drug Abuse: Converging Contributions to HAND. Brain Sciences, 2017, 7, 25.	2.3	35
18	CXCL12-induced neurotoxicity critically depends on NMDA receptor-gated and l-type Ca2+ channels upstream of p38 MAPK. Journal of Neuroinflammation, 2016, 13, 252.	7.2	30

#	Article	IF	Citations
19	The 22nd Scientific Conference of the Society on Neuroimmune Pharmacology. Journal of NeuroImmune Pharmacology, 2016, 11, 1-2.	4.1	2
20	Antiretrovirals, Methamphetamine, and HIV-1 Envelope Protein gp120 Compromise Neuronal Energy Homeostasis in Association with Various Degrees of Synaptic and Neuritic Damage. Antimicrobial Agents and Chemotherapy, 2016, 60, 168-179.	3.2	44
21	Cognitive deficits associated with combined HIV gp120 expression and chronic methamphetamine exposure in mice. European Neuropsychopharmacology, 2015, 25, 141-150.	0.7	37
22	Combination of methamphetamine and HIV-1 gp120 causes distinct long-term alterations of behavior, gene expression, and injury in the central nervous system. Experimental Neurology, 2015, 263, 221-234.	4.1	47
23	Cellular protection using Flt3 and PI3KÎ± inhibitors demonstrates multiple mechanisms of oxidative glutamate toxicity. Nature Communications, 2014, 5, 3672.	12.8	106
24	CCR5 Knockout Prevents Neuronal Injury and Behavioral Impairment Induced in a Transgenic Mouse Model by a CXCR4-Using HIV-1 Glycoprotein 120. Journal of Immunology, 2014, 193, 1895-1910.	0.8	70
25	Genetic Knockouts Suggest a Critical Role for HIV Co-Receptors in Models of HIV gp120-Induced Brain Injury. Journal of NeuroImmune Pharmacology, 2012, 7, 306-318.	4.1	24
26	Interferon-stimulated gene 15 as a general marker for acute and chronic neuronal injuries. Acta Physiologica Sinica, 2012, 64, 577-83.	0.5	13
27	Chemokines in cerebrospinal fluid correlate with cerebral metabolite patterns in HIV-infected individuals. Journal of NeuroVirology, 2011, 17, 63-69.	2.1	79
28	Mitogen-Activated Protein Kinase p38 in HIV Infection and Associated Brain Injury. Journal of NeuroImmune Pharmacology, 2011, 6, 202-215.	4.1	25
29	HIV-1 gp120. , 2011, , 305-317.		0
30	Molecular mechanisms of neuroinvasion by monocytes-macrophages in HIV-1 infection. Retrovirology, 2010, 7, 30.	2.0	118
31	Erythropoietin plus insulinâ€like growth factorâ€I protects against neuronal damage in a murine model of human immunodeficiency virusâ€associated neurocognitive disorders. Annals of Neurology, 2010, 68, 342-352.	5.3	54
32	Alteration of Methamphetamine-induced stereotypic behaviour in transgenic mice expressing HIV-1 envelope protein gp120. Journal of Neuroscience Methods, 2010, 186, 222-225.	2.5	25
33	Activation of p38 MAPK Is Required in Monocytic and Neuronal Cells for HIV Glycoprotein 120-Induced Neurotoxicity. Journal of Immunology, 2010, 185, 4883-4895.	0.8	75
34	Modulation of glucocorticoid receptor nuclear translocation in neurons by immunophilins FKBP51 and FKBP52: Implications for major depressive disorder. Brain Research, 2009, 1286, 1-12.	2.2	117
35	Balance between synaptic versus extrasynaptic NMDA receptor activity influences inclusions and neurotoxicity of mutant huntingtin. Nature Medicine, 2009, 15, 1407-1413.	30.7	381
36	HIV-1 associated dementia: update on pathological mechanisms and therapeutic approaches. Current Opinion in Neurology, 2009, 22, 315-320.	3.6	90

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37	HIV's double strike at the brain: neuronal toxicity and compromised neurogenesis. Frontiers in Bioscience - Landmark, 2008, 13, 2484.	3.0	75
38	Human Immunodeficiency Virus-1/Surface Glycoprotein 120 Induces Apoptosis through RNA-Activated Protein Kinase Signaling in Neurons. Journal of Neuroscience, 2007, 27, 11047-11055.	3.6	62
39	Neuronal Apoptotic Signaling Pathways Probed and Intervened by Synthetically and Modularly Modified (SMM) Chemokines. Journal of Biological Chemistry, 2007, 282, 7154-7163.	3.4	17
40	HIV/gp120 Decreases Adult Neural Progenitor Cell Proliferation via Checkpoint Kinase-Mediated Cell-Cycle Withdrawal and G1 Arrest. Cell Stem Cell, 2007, 1, 230-236.	11.1	125
41	Neuroinflammation and Excitotoxicity in Neurobiology of HIV-1 Infection and AIDS: Targets for Neuroprotection. , 2007, , 281-308.		2
42	Molecular Neurology of HIV-1 Infection and AIDS. , 2007, , 553-571.		0
43	Mechanisms of Neuroimmunity and Neurodegeneration Associated with HIV-1 Infection and AIDS. Journal of NeuroImmune Pharmacology, 2006, 1, 138-151.	4.1	101
44	Mechanisms of Neuronal Injury and Death in HIV-1 Associated Dementia. Current HIV Research, 2006, 4, 307-318.	0.5	159
45	Experimental and potential future therapeutic approaches for HIV-1 associated dementia targeting receptors for chemokines, glutamate and erythropoietin. Neurotoxicity Research, 2005, 8, 167-186.	2.7	32
46	Signaling pathways to neuronal damage and apoptosis in human immunodeficiency virus type 1-associated dementia: Chemokine receptors, excitotoxicity, and beyond. Journal of NeuroVirology, 2004, 10, 97-101.	2.1	14
47	Caspase Cascades in Human Immunodeficiency Virus-Associated Neurodegeneration. Journal of Neuroscience, 2002, 22, 4015-4024.	3.6	217
48	Pathways to neuronal injury and apoptosis in HIV-associated dementia. Nature, 2001, 410, 988-994.	27.8	1,169