Peter Gaskill

List of Publications by Year
in descending order

32 papers	1,532 citations	394286 19 h-index	477173 29 g-index
33 all docs	33 docs citations	33 times ranked	1829 citing authors

#	Article	IF	Citations
1	Tunneling nanotubes (TNT) are induced by HIV-infection of macrophages: A potential mechanism for intercellular HIV trafficking. Cellular Immunology, 2009, 254, 142-148.	1.4	252
2	Where Is Dopamine and how do Immune Cells See it?: Dopamine-Mediated Immune Cell Function in Health and Disease. Journal of NeuroImmune Pharmacology, 2020, 15, 114-164.	2.1	149
3	Mechanisms of HIV Entry into the CNS: Increased Sensitivity of HIV Infected CD14+CD16+ Monocytes to CCL2 and Key Roles of CCR2, JAM-A, and ALCAM in Diapedesis. PLoS ONE, 2013, 8, e69270.	1.1	140
4	Monocytes Mediate HIV Neuropathogenesis: Mechanisms that Contribute to HIV Associated Neurocognitive Disorders. Current HIV Research, 2014, 12, 85-96.	0.2	122
5	Human Immunodeficiency Virus (HIV) Infection of Human Macrophages Is Increased by Dopamine. American Journal of Pathology, 2009, 175, 1148-1159.	1.9	115
6	Characterization and function of the human macrophage dopaminergic system: implications for CNS disease and drug abuse. Journal of Neuroinflammation, 2012, 9, 203.	3.1	81
7	Dopamine Receptor Activation Increases HIV Entry into Primary Human Macrophages. PLoS ONE, 2014, 9, e108232.	1.1	63
8	Drug Induced Increases in CNS Dopamine Alter Monocyte, Macrophage and T Cell Functions: Implications for HAND. Journal of NeuroImmune Pharmacology, 2013, 8, 621-642.	2.1	60
9	Tunneling nanotubes (TNT). Communicative and Integrative Biology, 2009, 2, 243-244.	0.6	53
10	Dopamine Increases CD14+CD16+ Monocyte Migration and Adhesion in the Context of Substance Abuse and HIV Neuropathogenesis. PLoS ONE, 2015, 10, e0117450.	1.1	53
11	HIV, Tat and dopamine transmission. Neurobiology of Disease, 2017, 105, 51-73.	2.1	52
12	Trim5Î± Accelerates Degradation of Cytosolic Capsid Associated with Productive HIV-1 Entry. Journal of Biological Chemistry, 2006, 281, 37025-37033.	1.6	48
13	The dopamine transporter: An unrecognized nexus for dysfunctional peripheral immunity and signaling in Parkinsonâ€™s Disease. Brain, Behavior, and Immunity, 2018, 70, 21-35.	2.0	47
14	Dopamine Increases CD14+CD16+ Monocyte Transmigration across the Blood Brain Barrier: Implications for Substance Abuse and HIV Neuropathogenesis. Journal of NeuroImmune Pharmacology, 2017, 12, 353-370.	2.1	45
15	The role of catecholamines in HIV neuropathogenesis. Brain Research, 2019, 1702, 54-73.	1.1	40
16	Role of Macrophage Dopamine Receptors in Mediating Cytokine Production: Implications for Neuroinflammation in the Context of HIV-Associated Neurocognitive Disorders. Journal of NeuroImmune Pharmacology, 2019, 14, 134-156.	2.1	32
17	Methamphetamine Increases the Proportion of SIV-Infected Microglia/Macrophages, Alters Metabolic Pathways, and Elevates Cell Death Pathways: A Single-Cell Analysis. Viruses, 2020, 12, 1297.	1.5	28
18	HIV Neuropathogenesis in the Presence of a Disrupted Dopamine System. Journal of NeuroImmune Pharmacology, 2020, 15, 729-742.	2.1	27

#	Article	IF	Citations
19	Dopamine increases HIV entry into macrophages by increasing calcium release via an alternative signaling pathway. Brain, Behavior, and Immunity, 2019, 82, 239-252.	2.0	21
20	Dopamine activates NF-Î¹B and primes the NLRP3 inflammasome in primary human macrophages. Brain, Behavior, & Immunity - Health, 2020, 2, 100030.	1.3	19
21	Dopaminergic impact of cART and anti-depressants on HIV neuropathogenesis in older adults. Brain Research, 2019, 1723, 146398.	1.1	16
22	Development and characterization of positively selected brain-adapted SIV. Virology Journal, 2005, 2, 44.	1.4	14
23	Macrophage-Derived Simian Immunodeficiency Virus Exhibits Enhanced Infectivity by Comparison with T-Cell-Derived Virus. Journal of Virology, 2008, 82, 1615-1621.	1.5	13
24	Functional characterization of the biogenic amine transporters on human macrophages. JCI Insight, 2022, 7, .	2.3	13
25	Co-receptor signaling in the pathogenesis of neuroHIV. Retrovirology, 2021, 18, 24.	0.9	9
26	Deprenyl reduces inflammation during acute SIV infection. IScience, 2022, 25, 104207.	1.9	7
27	Dopamine Levels Induced by Substance Abuse Alter Efficacy of Maraviroc and Expression of CCR5 Conformations on Myeloid Cells: Implications for NeuroHIV. Frontiers in Immunology, 2021, 12, 663061.	2.2	6
28	Editorial: Advances in Understanding NeuroHIV Associated Changes in Neuroimmune Communication in the Combined Anti-retroviral Therapy (cART) Era. Frontiers in Neurology, 2021, 12, 763448.	1.1	3
29	Neurokinin-1 receptor signaling induces a pro-inflammatory transcriptomic profile in CD16+ monocytes. Journal of Neuroimmunology, 2021, 353, 577524.	1.1	2
30	Biology of the dopamine transporter on human macrophages. FASEB Journal, 2021, 35, .	0.2	0
31	Dopamineâ€driven Increase in ILâ€1Î² in Myeloid Cells is Mediated by Differential Dopamine Receptor Expression and Exacerbated by HIV. FASEB Journal, 2022, 36, .	0.2	0
32	Defining Dopamineâ€Mediated Changes in NLRP1, NLRC5, NLRC4, and AIM2 Inflammasomes in Human Myeloid Cells. FASEB Journal, 2022, 36, .	0.2	0