

Shannon Callen

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,014
citations

471509

17
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

1338
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV-1 Tat Primes and Activates Microglial NLRP3 Inflammasome-Mediated Neuroinflammation. <i>Journal of Neuroscience</i> , 2017, 37, 3599-3609.	3.6	145
2	Molecular mechanisms of long noncoding RNAs and their role in disease pathogenesis. <i>Oncotarget</i> , 2018, 9, 18648-18663.	1.8	144
3	HIV-1 TAT-mediated microglial activation: role of mitochondrial dysfunction and defective mitophagy. <i>Autophagy</i> , 2018, 14, 1596-1619.	9.1	101
4	Astrocyte EV-Induced lincRNA-Cox2 Regulates Microglial Phagocytosis: Implications for Morphine-Mediated Neurodegeneration. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 450-463.	5.1	83
5	Cocaine and human immunodeficiency virus type 1 gp120 mediate neurotoxicity through overlapping signaling pathways. <i>Journal of NeuroVirology</i> , 2009, 15, 164-175.	2.1	64
6	Morphine Potentiates Neuropathogenesis of SIV Infection in Rhesus Macaques. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 626-639.	4.1	64
7	Emerging roles of extracellular vesicles in neurodegenerative disorders: focus on HIV-associated neurological complications. <i>Cell Death and Disease</i> , 2016, 7, e2481-e2481.	6.3	50
8	Mitigation of cocaine-mediated mitochondrial damage, defective mitophagy and microglial activation by superoxide dismutase mimetics. <i>Autophagy</i> , 2020, 16, 289-312.	9.1	49
9	Epigenetic Promoter DNA Methylation of miR-124 Promotes HIV-1 Tat-Mediated Microglial Activation via MECP2-STAT3 Axis. <i>Journal of Neuroscience</i> , 2018, 38, 5367-5383.	3.6	45
10	Morphine-Mediated Brain Region-Specific Astrocytosis Involves the ER Stress-Autophagy Axis. <i>Molecular Neurobiology</i> , 2018, 55, 6713-6733.	4.0	40
11	Cocaine-induced release of CXCL10 from pericytes regulates monocyte transmigration into the CNS. <i>Journal of Cell Biology</i> , 2019, 218, 700-721.	5.2	32
12	Pharmacokinetics of a Long-Acting Nanoformulated Dolutegravir Prodrug in Rhesus Macaques. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	30
13	Antiretroviral-Mediated Microglial Activation Involves Dysregulated Autophagy and Lysosomal Dysfunction. <i>Cells</i> , 2019, 8, 1168.	4.1	29
14	Role of Sigma Receptor in Cocaine-Mediated Induction of Glial Fibrillary Acidic Protein: Implications for HAND. <i>Molecular Neurobiology</i> , 2016, 53, 1329-1342.	4.0	28
15	HIV-1 Tat-mediated astrocytic amyloidosis involves the HIF-1 α /lincRNA BACE1-AS axis. <i>PLoS Biology</i> , 2020, 18, e3000660.	5.6	26
16	Chronic Morphine Administration Differentially Modulates Viral Reservoirs in a Simian Immunodeficiency Virus SIVmac251-Infected Rhesus Macaque Model. <i>Journal of Virology</i> , 2021, 95, .	3.4	22
17	Cigarette smoke and HIV synergistically affect lung pathology in cynomolgus macaques. <i>Journal of Clinical Investigation</i> , 2018, 128, 5428-5433.	8.2	21
18	HIV-1 Vpr protein impairs lysosome clearance causing SNCA/alpha-synuclein accumulation in neurons. <i>Autophagy</i> , 2021, 17, 1768-1782.	9.1	17

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19	Effects of Morphine on Behavioral Task Performance in SIV-Infected Rhesus Macaques. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 348-357.	4.1	10
20	Protective Role of <i>Lactobacillus rhamnosus</i> Probiotic in Reversing Cocaine-Induced Oxidative Stress, Glial Activation and Locomotion in Mice. <i>Journal of NeuroImmune Pharmacology</i> , 2022, 17, 62-75.	4.1	9
21	Chronic SIV and morphine treatment increases heat shock protein 5 expression at the synapse. <i>Journal of NeuroVirology</i> , 2015, 21, 592-598.	2.1	5