

# Shilpa Buch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3881628/publications.pdf>

Version: 2024-02-01

174  
papers

18,257  
citations

50170

46  
h-index

13727

129  
g-index

183  
all docs

183  
docs citations

183  
times ranked

31065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic Opioid Administration is Associated with Prevotella-dominated Dysbiosis in SIVmac251 Infected, cART-treated Macaques. <i>Journal of NeuroImmune Pharmacology</i> , 2022, 17, 3-14.	2.1	9
2	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.	2.1	9
3	Mitochondrial Extracellular Vesicles in CNS Disorders: New Frontiers in Understanding the Neurological Disorders of the Brain. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 840364.	1.6	6
4	Extracellular Vesicle-Mediated Delivery of Ultrasmall Superparamagnetic Iron Oxide Nanoparticles to Mice Brain. <i>Frontiers in Pharmacology</i> , 2022, 13, 819516.	1.6	10
5	Astrocytes & Astrocyte derived Extracellular Vesicles in Morphine Induced Amyloidopathy: Implications for Cognitive Deficits in Opiate Abusers. , 2021, 12, 1389.		11
6	NLRP3 Inflammasome Blockade Reduces Cocaine-Induced Microglial Activation and Neuroinflammation. <i>Molecular Neurobiology</i> , 2021, 58, 2215-2230.	1.9	22
7	Noncoding RNAs and Epigenetic Regulation in Aging. , 2021, , 348-363.		0
8	HIV TAT-mediated microglial senescence: Role of SIRT3-dependent mitochondrial oxidative stress. <i>Redox Biology</i> , 2021, 40, 101843.	3.9	33
9	Biogenesis, physiological functions and potential applications of extracellular vesicles in substance use disorders. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4849-4865.	2.4	18
10	HIV-1 Vpr protein impairs lysosome clearance causing SNCA/alpha-synuclein accumulation in neurons. <i>Autophagy</i> , 2021, 17, 1768-1782.	4.3	17
11	HIV-1 and drug abuse comorbidity: Lessons learned from the animal models of NeuroHIV. <i>Neuroscience Letters</i> , 2021, 754, 135863.	1.0	9
12	HIV Tat-Mediated Induction of Monocyte Transmigration Across the Blood-Brain Barrier: Role of Chemokine Receptor CXCR3. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 724970.	1.8	8
13	Advances in the Experimental Models of HIV-Associated Neurological Disorders. <i>Current HIV/AIDS Reports</i> , 2021, 18, 459-474.	1.1	6
14	Alzheimer's-Like Pathology at the Crossroads of HIV-Associated Neurological Disorders. <i>Vaccines</i> , 2021, 9, 930.	2.1	10
15	NLRP3 Inflammasome Is Involved in Cocaine-Mediated Potentiation on Behavioral Changes in CX3CR1-Deficient Mice. <i>Journal of Personalized Medicine</i> , 2021, 11, 963.	1.1	5
16	An emerging and variant viral promoter of HIV-1 subtype C exhibits low-level gene expression noise. <i>Retrovirology</i> , 2021, 18, 27.	0.9	4
17	Mitigation of cocaine-mediated mitochondrial damage, defective mitophagy and microglial activation by superoxide dismutase mimetics. <i>Autophagy</i> , 2020, 16, 289-312.	4.3	49
18	HIV-1 Tat-Induced Astrocytic Extracellular Vesicle miR-7 Impairs Synaptic Architecture. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 538-553.	2.1	35

#	ARTICLE	IF	CITATIONS
19	Strategies for the use of Extracellular Vesicles for the Delivery of Therapeutics. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 422-442.	2.1	63
20	Neuronalâ€derived extracellular vesicles are enriched in the brain and serum of HIVâ€1 transgenic rats. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1703249.	5.5	31
21	Opioid-Mediated HIV-1 Immunopathogenesis. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 628-642.	2.1	12
22	KVA-D-88, a Novel Preferable Phosphodiesterase 4B Inhibitor, Decreases Cocaine-Mediated Reward Properties <i>in Vivo</i> . <i>ACS Chemical Neuroscience</i> , 2020, 11, 2231-2242.	1.7	8
23	Engineered Extracellular Vesicles Loaded With miR-124 Attenuate Cocaine-Mediated Activation of Microglia. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 573.	1.8	41
24	Role of Inflammasomes in HIV-1 and Drug Abuse Mediated Neuroinflammation. <i>Cells</i> , 2020, 9, 1857.	1.8	16
25	N-Acetylcysteine Reverses Antiretroviral-Mediated Microglial Activation by Attenuating Autophagy-Lysosomal Dysfunction. <i>Frontiers in Neurology</i> , 2020, 11, 840.	1.1	14
26	Morphineâ€mediated release of miRâ€138 in astrocyteâ€derived extracellular vesicles promotes microglial activation. <i>Journal of Extracellular Vesicles</i> , 2020, 10, e12027.	5.5	36
27	HIV-1 Tat-mediated astrocytic amyloidosis involves the HIF-1 $\beta$ /lncRNA BACE1-AS axis. <i>PLoS Biology</i> , 2020, 18, e3000660.	2.6	26
28	$\beta$ -Catenin engages the autophagy pathway to sculpt the developing dendritic arbor. <i>Journal of Biological Chemistry</i> , 2020, 295, 10988-11001.	1.6	5
29	Extracellular Vesicles in Viral Infections of the Nervous System. <i>Viruses</i> , 2020, 12, 700.	1.5	22
30	Male HIVâ€1 transgenic rats show reduced cocaineâ€maintained leverâ€pressing compared to F344 wildtype rats despite similar baseline locomotion. <i>Journal of the Experimental Analysis of Behavior</i> , 2020, 113, 468-484.	0.8	5
31	NF- $\kappa$ B Duplications in the Promoter-Variant HIV-1C LTR Impact Inflammation Without Altering Viral Replication in the Context of Simian Human Immunodeficiency Viruses and Opioid-Exposure. <i>Frontiers in Immunology</i> , 2020, 11, 95.	2.2	9
32	Targeting endoplasmic reticulum stress and autophagy as therapeutic approaches for neurological diseases. <i>International Review of Cell and Molecular Biology</i> , 2020, 350, 285-325.	1.6	36
33	HIV Tat-mediated induction of autophagy regulates the disruption of ZO-1 in brain endothelial cells. <i>Tissue Barriers</i> , 2020, 8, 1748983.	1.6	18
34	Cocaine self-administration differentially activates microglia in the mouse brain. <i>Neuroscience Letters</i> , 2020, 728, 134951.	1.0	23
35	HIV-1 Productively Infects and Integrates in Bronchial Epithelial Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 612360.	1.8	9
36	A selective role for a component of the autophagy pathway in coupling the Golgi apparatus to dendrite polarity in pyramidal neurons. <i>Neuroscience Letters</i> , 2020, 730, 135048.	1.0	2

#	ARTICLE	IF	CITATIONS
37	Neuroinflammation & pre-mature aging in the context of chronic HIV infection and drug abuse: Role of dysregulated autophagy. <i>Brain Research</i> , 2019, 1724, 146446.	1.1	16
38	Cocaine-induced release of CXCL10 from pericytes regulates monocyte transmigration into the CNS. <i>Journal of Cell Biology</i> , 2019, 218, 700-721.	2.3	32
39	Cocaine Induces Inflammatory Gut Milieu by Compromising the Mucosal Barrier Integrity and Altering the Gut Microbiota Colonization. <i>Scientific Reports</i> , 2019, 9, 12187.	1.6	47
40	Antiretroviral-Mediated Microglial Activation Involves Dysregulated Autophagy and Lysosomal Dysfunction. <i>Cells</i> , 2019, 8, 1168.	1.8	29
41	Modeling microcephaly with cerebral organoids reveals a WDR62-CEP170-KIF2A pathway promoting cilium disassembly in neural progenitors. <i>Nature Communications</i> , 2019, 10, 2612.	5.8	125
42	HIV-1 Tat-mediated microglial inflammation involves a novel miRNA-34a-NLRC5-NF $\kappa$ B signaling axis. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 227-237.	2.0	47
43	Cocaine Mediated Neuroinflammation: Role of Dysregulated Autophagy in Pericytes. <i>Molecular Neurobiology</i> , 2019, 56, 3576-3590.	1.9	44
44	Morphine Potentiates Dysbiotic Microbial and Metabolic Shifts in Acute SIV Infection. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 200-214.	2.1	31
45	Exosomal miR-9 Released from HIV Tat Stimulated Astrocytes Mediates Microglial Migration. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 330-344.	2.1	56
46	PDGF/PDGFR axis in the neural systems. <i>Molecular Aspects of Medicine</i> , 2018, 62, 63-74.	2.7	73
47	Morphine-Mediated Brain Region-Specific Astrocytosis Involves the ER Stress-Autophagy Axis. <i>Molecular Neurobiology</i> , 2018, 55, 6713-6733.	1.9	40
48	Involvement of Epigenetic Promoter DNA Methylation of miR-124 in the Pathogenesis of HIV-1-Associated Neurocognitive Disorders. <i>Epigenetics Insights</i> , 2018, 11, 251686571880690.	0.6	4
49	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
50	Molecular mechanisms of long noncoding RNAs and their role in disease pathogenesis. <i>Oncotarget</i> , 2018, 9, 18648-18663.	0.8	144
51	Astrocyte EV-Induced lincRNA-Cox2 Regulates Microglial Phagocytosis: Implications for Morphine-Mediated Neurodegeneration. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 450-463.	2.3	83
52	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.	1.7	45
53	HIV-1 TAT-mediated microglial activation: role of mitochondrial dysfunction and defective mitophagy. <i>Autophagy</i> , 2018, 14, 1596-1619.	4.3	101
54	Notch3/VEGF-A axis is involved in TAT-mediated proliferation of pulmonary artery smooth muscle cells: Implications for HIV-associated PAH. <i>Cell Death Discovery</i> , 2018, 4, 22.	2.0	8

#	ARTICLE	IF	CITATIONS
55	Cocaine-Mediated Downregulation of miR-124 Activates Microglia by Targeting KLF4 and TLR4 Signaling. <i>Molecular Neurobiology</i> , 2018, 55, 3196-3210.	1.9	96
56	Cigarette smoke and HIV synergistically affect lung pathology in cynomolgus macaques. <i>Journal of Clinical Investigation</i> , 2018, 128, 5428-5433.	3.9	21
57	HIV-1 Tat Primes and Activates Microglial NLRP3 Inflammasome-Mediated Neuroinflammation. <i>Journal of Neuroscience</i> , 2017, 37, 3599-3609.	1.7	145
58	Tat-Mediated Induction of miRs-34a & -138 Promotes Astrocytic Activation via Downregulation of SIRT1: Implications for Aging in HAND. <i>Journal of Neuroimmune Pharmacology</i> , 2017, 12, 420-432.	2.1	30
59	Role of Sigma-1 Receptor in Cocaine Abuse and Neurodegenerative Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, 964, 163-175.	0.8	19
60	Growth and Neurotrophic Factors in HIV-Associated Neurocognitive Disorders. , 2017, , 285-298.		0
61	HIV, Drug Addiction, and Autophagy. , 2016, , .		0
62	Emerging roles of extracellular vesicles in neurodegenerative disorders: focus on HIV-associated neurological complications. <i>Cell Death and Disease</i> , 2016, 7, e2481-e2481.	2.7	50
63	Transactivation of TrkB by Sigma-1 receptor mediates cocaine-induced changes in dendritic spine density and morphology in hippocampal and cortical neurons. <i>Cell Death and Disease</i> , 2016, 7, e2414-e2414.	2.7	34
64	Regulation of morphine-induced synaptic alterations: Role of oxidative stress, ER stress, and autophagy. <i>Journal of Cell Biology</i> , 2016, 215, 245-258.	2.3	88
65	Cocaine-mediated downregulation of microglial miR-124 expression involves promoter DNA methylation. <i>Epigenetics</i> , 2016, 11, 819-830.	1.3	34
66	Cocaine induces astrocytosis through ER stress-mediated activation of autophagy. <i>Autophagy</i> , 2016, 12, 1310-1329.	4.3	82
67	Cocaine-mediated induction of microglial activation involves the ER stress-TLR2 axis. <i>Journal of Neuroinflammation</i> , 2016, 13, 33.	3.1	93
68	Role of Sigma Receptor in Cocaine-Mediated Induction of Glial Fibrillary Acidic Protein: Implications for HAND. <i>Molecular Neurobiology</i> , 2016, 53, 1329-1342.	1.9	28
69	HIV Tat-Mediated Induction of Human Brain Microvascular Endothelial Cell Apoptosis Involves Endoplasmic Reticulum Stress and Mitochondrial Dysfunction. <i>Molecular Neurobiology</i> , 2016, 53, 132-142.	1.9	45
70	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
71	Mechanisms of Platelet-Derived Growth Factor-BB in Restoring HIV Tat-Cocaine-Mediated Impairment of Neuronal Differentiation. <i>Molecular Neurobiology</i> , 2016, 53, 6377-6387.	1.9	15
72	Interplay of endoplasmic reticulum stress and autophagy in neurodegenerative disorders. <i>Autophagy</i> , 2016, 12, 225-244.	4.3	207

#	ARTICLE	IF	CITATIONS
73	Multiple Faceted Roles of Cocaine in Potentiation of HAND. <i>Current HIV Research</i> , 2016, 14, 412-416.	0.2	25
74	HIV Tat 101-mediated loss of pericytes at the blood-brain barrier involves PDGF-BB. <i>Therapeutic Targets for Neurological Diseases</i> , 2015, 2, .	2.2	11
75	Pericytes Contribute to the Disruption of the Cerebral Endothelial Barrier via Increasing VEGF Expression: Implications for Stroke. <i>PLoS ONE</i> , 2015, 10, e0124362.	1.1	64
76	Cocaine-mediated microglial activation involves the ER stress-autophagy axis. <i>Autophagy</i> , 2015, 11, 995-1009.	4.3	124
77	Involvement of sigma-1 receptor in astrocyte activation induced by methamphetamine via up-regulation of its own expression. <i>Journal of Neuroinflammation</i> , 2015, 12, 29.	3.1	59
78	Chronic SIV and morphine treatment increases heat shock protein 5 expression at the synapse. <i>Journal of NeuroVirology</i> , 2015, 21, 592-598.	1.0	5
79	Tat 101-Mediated Enhancement of Brain Pericyte Migration Involves Platelet-Derived Growth Factor Subunit B Homodimer: Implications for Human Immunodeficiency Virus-Associated Neurocognitive Disorders. <i>Journal of Neuroscience</i> , 2014, 34, 11812-11825.	1.7	51
80	MiR-9 promotes microglial activation by targeting MCP1. <i>Nature Communications</i> , 2014, 5, 4386.	5.8	133
81	IL-17A Induces MIP-1 $\alpha$ Expression in Primary Astrocytes via Src/MAPK/PI3K/NF- $\kappa$ B Pathways: Implications for Multiple Sclerosis. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 629-641.	2.1	44
82	VZV reactivation: A comorbid connection?. <i>Journal of the Neurological Sciences</i> , 2014, 339, 3-4.	0.3	1
83	Yin and Yang of PDGF-mediated Signaling Pathway in the Context of HIV Infection and Drug Abuse. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 161-167.	2.1	8
84	Platelet-Derived Growth Factor-BB Restores HIV Tat -Mediated Impairment of Neurogenesis: Role of GSK-3 $\beta$ / $\beta$ -Catenin. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 259-268.	2.1	23
85	Growth Factor Signaling: Implications for Disease & Therapeutics. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 65-68.	2.1	6
86	Effect of morphine and SIV on dendritic cell trafficking into the central nervous system of rhesus macaques. <i>Journal of NeuroVirology</i> , 2014, 20, 175-183.	1.0	15
87	Monocytes-Derived Macrophages Mediated Stable Expression of Human Brain-Derived Neurotrophic Factor, a Novel Therapeutic Strategy for NeuroAIDS. <i>PLoS ONE</i> , 2014, 9, e82030.	1.1	8
88	HIV-1 Tat Disrupts CX3CL1-CX3CR1 Axis in Microglia via the NF- $\kappa$ BYY1 Pathway. <i>Current HIV Research</i> , 2014, 12, 189-200.	0.2	26
89	Role of Endoplasmic Reticulum (ER) Stress in Cocaine-Induced Microglial Cell Death. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 705-714.	2.1	29
90	More Than Two HANDs to Tango. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 1051-1054.	2.1	4

#	ARTICLE	IF	CITATIONS
91	Cannabinoid Receptor 2 Activation. American Journal of Pathology, 2013, 183, 1375-1377.	1.9	10
92	Nonmuscle myosin light chain kinase mediates microglial migration induced by HIV Tat: Involvement of $\beta$ 1 integrins. FASEB Journal, 2013, 27, 1532-1548.	0.2	19
93	HIV Tat Induces Expression of ICAM-1 in HUVECs: Implications for miR-221/-222 in HIV-Associated Cardiomyopathy. PLoS ONE, 2013, 8, e60170.	1.1	69
94	Angiotensin II Increased Neuronal Stem Cell Proliferation: Role of AT2R. PLoS ONE, 2013, 8, e63488.	1.1	23
95	HIV gp120 Induces Mucus Formation in Human Bronchial Epithelial Cells through CXCR4/ $\alpha$ 7-Nicotinic Acetylcholine Receptors. PLoS ONE, 2013, 8, e77160.	1.1	28
96	Vitamin D receptor activation and downregulation of renin-angiotensin system attenuate morphine-induced T cell apoptosis. American Journal of Physiology - Cell Physiology, 2012, 303, C607-C615.	2.1	13
97	Platelet-Derived Growth Factor-BB Restores Human Immunodeficiency Virus Tat-Cocaine-Mediated Impairment of Neurogenesis: Role of TRPC1 Channels. Journal of Neuroscience, 2012, 32, 9835-9847.	1.7	44
98	Cocaine and HIV-1 Interplay in CNS: Cellular and Molecular Mechanisms. Current HIV Research, 2012, 10, 425-428.	0.2	67
99	Signal Transduction in HIV Protein-Treated Astrocytes. Current Signal Transduction Therapy, 2012, 7, 28-34.	0.3	2
100	Platelet-derived growth factor (PDGF)-BB-mediated induction of monocyte chemoattractant protein 1 in human astrocytes: implications for HIV-associated neuroinflammation. Journal of Neuroinflammation, 2012, 9, 262.	3.1	61
101	Role of nicotinic receptors and acetylcholine in mucous cell metaplasia, hyperplasia, and airway mucus formation in vitro and in vivo. Journal of Allergy and Clinical Immunology, 2012, 130, 770-780.e11.	1.5	40
102	Rodent Models of HAND and Drug Abuse: Exogenous Administration of Viral Protein(s) and Cocaine. Journal of Neuroimmune Pharmacology, 2012, 7, 341-351.	2.1	14
103	Platelet-Derived Growth Factor CC-Mediated Neuroprotection against HIV Tat Involves TRPC-Mediated Inactivation of GSK 3 $\beta$ . PLoS ONE, 2012, 7, e47572.	1.1	28
104	HIV Tat induces expression of ICAM-1 in human umbilical vein endothelial cells: Implications for HIV-associated cardiomyopathy. FASEB Journal, 2012, 26, 676.15.	0.2	0
105	Reversible Palmitoylation Regulates Surface Stability of AMPA Receptors in the Nucleus Accumbens in Response to Cocaine In Vivo. Biological Psychiatry, 2011, 69, 1035-1042.	0.7	34
106	HIV-1 envelope protein gp120 up regulates CCL5 production in astrocytes which can be circumvented by inhibitors of NF- $\kappa$ B pathway. Biochemical and Biophysical Research Communications, 2011, 414, 112-117.	1.0	38
107	Cocaine-mediated induction of platelet-derived growth factor: implication for increased vascular permeability. Blood, 2011, 117, 2538-2547.	0.6	100
108	Neuroimmune Pharmacology as an Emerging Curriculum for Pre-Medical Students. Journal of Neuroimmune Pharmacology, 2011, 6, 68-70.	2.1	3

#	ARTICLE	IF	CITATIONS
109	Morphine Potentiates Neuropathogenesis of SIV Infection in Rhesus Macaques. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 626-639.	2.1	64
110	Cocaine and HIV-1 Interplay: Molecular Mechanisms of Action and Addiction. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 503-515.	2.1	47
111	Hypoxia-inducible factor-1 $\beta$ /platelet derived growth factor axis in HIV-associated pulmonary vascular remodeling. <i>Respiratory Research</i> , 2011, 12, 103.	1.4	59
112	Effect of Cocaine on Human Immunodeficiency Virus-Mediated Pulmonary Endothelial and Smooth Muscle Dysfunction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 40-52.	1.4	55
113	Cocaine Hijacks $\beta$ 1 Receptor to Initiate Induction of Activated Leukocyte Cell Adhesion Molecule: Implication for Increased Monocyte Adhesion and Migration in the CNS. <i>Journal of Neuroscience</i> , 2011, 31, 5942-5955.	1.7	90
114	HIV-1 Tat-Mediated Induction of Platelet-Derived Growth Factor in Astrocytes: Role of Early Growth Response Gene 1. <i>Journal of Immunology</i> , 2011, 186, 4119-4129.	0.4	41
115	Platelet-Derived Growth Factor B Chain Is a Novel Target Gene of Cocaine-Mediated Notch1 Signaling: Implications for HIV-Associated Neurological Disorders. <i>Journal of Neuroscience</i> , 2011, 31, 12449-12454.	1.7	30
116	HIV-1 Tat toxin. , 2011, , 773-780.		1
117	A Growth Factor Attenuates HIV-1 Tat and Morphine Induced Damage to Human Neurons: Implication in HIV/AIDS-Drug Abuse Cases. <i>PLoS ONE</i> , 2011, 6, e18116.	1.1	36
118	HIV-1 gp120 Induces Expression of IL-6 through a Nuclear Factor-Kappa B-Dependent Mechanism: Suppression by gp120 Specific Small Interfering RNA. <i>PLoS ONE</i> , 2011, 6, e21261.	1.1	67
119	Morphine Induces Expression of Platelet-Derived Growth Factor in Human Brain Microvascular Endothelial Cells: Implication for Vascular Permeability. <i>PLoS ONE</i> , 2011, 6, e21707.	1.1	50
120	Cooperative induction of CXCL10 involves NADPH oxidase: Implications for HIV dementia. <i>Glia</i> , 2010, 58, 611-621.	2.5	47
121	Activation of Notch signaling pathway in HIV-associated nephropathy. <i>Aids</i> , 2010, 24, 2161-2170.	1.0	61
122	Molecular mechanisms involving sigma receptor-mediated induction of MCP-1: implication for increased monocyte transmigration. <i>Blood</i> , 2010, 115, 4951-4962.	0.6	115
123	HIV Neuropathogenesis: a Tight Rope Walk of Innate Immunity. <i>Journal of NeuroImmune Pharmacology</i> , 2010, 5, 489-495.	2.1	26
124	HIV-1 neuroimmunity in the era of antiretroviral therapy. <i>Neurobiology of Disease</i> , 2010, 37, 542-548.	2.1	78
125	Accelerated evolution of SIV env within the cerebral compartment in the setting of morphine-dependent rapid disease progression. <i>Virology</i> , 2010, 398, 201-207.	1.1	8
126	Cationic surface modification of PLG nanoparticles offers sustained gene delivery to pulmonary epithelial cells. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2413-2422.	1.6	28



#	ARTICLE	IF	CITATIONS
127	CaMKII $\beta$ interacts with M4 muscarinic receptors to control receptor and psychomotor function. <i>EMBO Journal</i> , 2010, 29, 2070-2081.	3.5	25
128	Cocaine Potentiates Astrocyte Toxicity Mediated by Human Immunodeficiency Virus (HIV-1) Protein gp120. <i>PLoS ONE</i> , 2010, 5, e13427.	1.1	43
129	Platelet-derived Growth Factor-mediated Induction of the Synaptic Plasticity Gene Arc/Arg3.1. <i>Journal of Biological Chemistry</i> , 2010, 285, 21615-21624.	1.6	47
130	The sigma-1 receptor chaperone as an inter-organelle signaling modulator. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 557-566.	4.0	394
131	Involvement of TRPC Channels in CCL2-Mediated Neuroprotection against Tat Toxicity. <i>Journal of Neuroscience</i> , 2009, 29, 1657-1669.	1.7	71
132	DEFEROXAMINE MIMICS THE PATTERN OF HYPOXIA-RELATED INJURY AT THE MICROVASCULATURE. <i>Shock</i> , 2009, 31, 481-485.	1.0	11
133	PDGF-mediated protection of SH-SY5Y cells against Tat toxin involves regulation of extracellular glutamate and intracellular calcium. <i>Toxicology and Applied Pharmacology</i> , 2009, 240, 286-291.	1.3	29
134	SNIP Members in a Recent International Conference: World Summit of Antivirals. <i>Journal of NeuroImmune Pharmacology</i> , 2009, 4, 4-6.	2.1	1
135	Stability of surface NMDA receptors controls synaptic and behavioral adaptations to amphetamine. <i>Nature Neuroscience</i> , 2009, 12, 602-610.	7.1	106
136	Cocaine and human immunodeficiency virus type 1 gp120 mediate neurotoxicity through overlapping signaling pathways. <i>Journal of NeuroVirology</i> , 2009, 15, 164-175.	1.0	64
137	Analysis of the V1V2 Region of the SIV Envelope in the Brains of Morphine-Dependent and Control SIV/SHIV-Infected Macaques. <i>AIDS Research and Human Retroviruses</i> , 2009, 25, 531-534.	0.5	3
138	Cocaine Exposure Results in Formation of Dendritic Varicosity in Rat Primary Hippocampal Neurons. <i>American Journal of Infectious Diseases</i> , 2009, 5, 26-30.	0.1	8
139	Opendra "Bill" Narayan (1936-2007): A Personal Tribute to a Friend, Teacher, and Colleague. <i>Journal of NeuroImmune Pharmacology</i> , 2008, 3, 1-4.	2.1	0
140	Platelet-derived growth factor protects neurons against gp120-mediated toxicity. <i>Journal of NeuroVirology</i> , 2008, 14, 62-72.	1.0	48
141	Molecular mechanism(s) involved in the synergistic induction of CXCL10 by human immunodeficiency virus type 1 Tat and interferon- $\gamma$ in macrophages. <i>Journal of NeuroVirology</i> , 2008, 14, 196-204.	1.0	21
142	Nonhuman primate models of NeuroAIDS. <i>Journal of NeuroVirology</i> , 2008, 14, 292-300.	1.0	63
143	Opiates, immune system, acquired immunodeficiency syndrome, and nonhuman primate model. <i>Journal of NeuroVirology</i> , 2008, 14, 279-285.	1.0	21
144	Mechanisms of platelet-derived growth factor-mediated neuroprotection: implications in HIV dementia. <i>European Journal of Neuroscience</i> , 2008, 28, 1255-1264.	1.2	34

#	ARTICLE	IF	CITATIONS
145	Protection of macaques against AIDS with a live attenuated SHIV vaccine is of finite duration. <i>Virology</i> , 2008, 371, 238-245.	1.1	9
146	Roles of MCP-1 in development of HIV-dementia. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 3913.	3.0	61
147	PDGF Synergistically Enhances IFN- $\gamma$ -Induced Expression of CXCL10 in Blood-Derived Macrophages: Implications for HIV Dementia. <i>Journal of Immunology</i> , 2007, 179, 2722-2730.	0.4	46
148	Bleomycin treatment causes enhancement of virus replication in the lungs of SHIV-infected macaques. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L1233-L1240.	1.3	6
149	Upregulation of expression of platelet-derived growth factor and its receptor in pneumonia associated with SHIV-infected macaques. <i>Aids</i> , 2007, 21, 307-316.	1.0	6
150	Variable region 4 of SIV envelope correlates with rapid disease progression in morphine-exposed macaques infected with SIV/SHIV. <i>Virology</i> , 2007, 358, 373-383.	1.1	12
151	CXCL10-induced cell death in neurons: role of calcium dysregulation. <i>European Journal of Neuroscience</i> , 2006, 23, 957-964.	1.2	150
152	Immunoprophylaxis against AIDS in macaques with a lentiviral DNA vaccine. <i>Virology</i> , 2006, 351, 444-454.	1.1	15
153	Therapy of SHIV $\Delta$ ™ infected macaques with liposomes delivering antisense interleukin-4 DNA. <i>Aids</i> , 2006, 20, 1125-1130.	1.0	3
154	The HTLV-I p30 Interferes with TLR4 Signaling and Modulates the Release of Pro- and Anti-inflammatory Cytokines from Human Macrophages. <i>Journal of Biological Chemistry</i> , 2006, 281, 23414-23424.	1.6	56
155	Active Simian Immunodeficiency Virus (strain smmPGm) Infection in Macaque Central Nervous System Correlates With Neurologic Disease. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2005, 38, 518-530.	0.9	5
156	Inhibition of pathogenic SHIV replication in macaques treated with antisense DNA of interleukin-4. <i>Blood</i> , 2005, 105, 3094-3099.	0.6	11
157	Responses of Pulmonary Platelet-Derived Growth Factor Peptides and Receptors to Hyperoxia and Nitric Oxide in Piglet Lungs. <i>Pediatric Research</i> , 2005, 57, 523-529.	1.1	7
158	Simian Human Immunodeficiency Virus-Associated Pneumonia Correlates with Increased Expression of MCP-1, CXCL10, and Viral RNA in the Lungs of Rhesus Macaques. <i>American Journal of Pathology</i> , 2005, 166, 355-365.	1.9	23
159	Role of interleukin-4 and monocyte chemoattractant protein-1 in the neuropathogenesis of X4 simian human immunodeficiency virus infection in macaques. <i>Journal of NeuroVirology</i> , 2004, 10, 118-124.	1.0	0
160	Investigations on four host response factors whose expression is enhanced in X4 SHIV encephalitis. <i>Journal of Neuroimmunology</i> , 2004, 157, 71-80.	1.1	15
161	Role of interleukin-4 and monocyte chemoattractant protein-1 in the neuropathogenesis of X4 simian human immunodeficiency virus infection in macaques. <i>Journal of NeuroVirology</i> , 2004, 10, 118-124.	1.0	12
162	Role of interleukin-4 and monocyte chemoattractant protein-1 in the neuropathogenesis of X4 simian human immunodeficiency virus infection in macaques. <i>Journal of NeuroVirology</i> , 2004, 10, 118-124.	1.0	12

#	ARTICLE	IF	CITATIONS
163	Association of Platelet-Derived Growth Factor-B Chain with Simian Human Immunodeficiency Virus Encephalitis. American Journal of Pathology, 2004, 165, 815-824.	1.9	32
164	Neuronal Apoptosis Is Mediated by CXCL10 Overexpression in Simian Human Immunodeficiency Virus Encephalitis. American Journal of Pathology, 2004, 164, 1557-1566.	1.9	123
165	Neuropathogenesis of chimeric simian human immunodeficiency virus infection in rhesus macaques. Journal of Medical Primatology, 2003, 29, 96-106.	0.3	15
166	Microarray analysis of cytokine and chemokine genes in the brains of macaques with SHIV-encephalitis. Journal of Medical Primatology, 2003, 32, 229-239.	0.3	52
167	Neuropathogenesis of Lentiviral Infection in Macaques. American Journal of Pathology, 2002, 161, 813-822.	1.9	24
168	Presence of Intact vpu and nef Genes in Nonpathogenic SHIV Is Essential for Acquisition of Pathogenicity of This Virus by Serial Passage in Macaques. Virology, 2002, 295, 133-146.	1.1	24
169	Immunization of Macaques with Live Simian Human Immunodeficiency Virus (SHIV) Vaccines Conferred Protection Against AIDS Induced by Homologous and Heterologous SHIVs and Simian Immunodeficiency Virus. Virology, 2002, 301, 189-205.	1.1	38
170	INHIBITORY AND ENHANCING EFFECTS OF IFN- $\beta$ AND IL-4 ON SHIVKUREPLICATION IN RHESUS MACAQUE MACROPHAGES: CORRELATION BETWEEN TH2CYTOKINES AND PRODUCTIVE INFECTION IN TISSUE MACROPHAGES DURING LATE-STAGE INFECTION. Cytokine, 2001, 13, 295-304.	1.4	25
171	Development of Virus-Specific Immune Responses in SHIVKU-Infected Macaques Treated with PMPA. Virology, 2001, 279, 97-108.	1.1	14
172	Changes in Expression of Platelet-Derived Growth Factor and Its Receptors in the Lungs of Newborn Rats Exposed to Air or 60% O <sub>2</sub> . Pediatric Research, 2000, 48, 423-433.	1.1	54
173	Differential Regulation of Platelet-Derived Growth Factor Genes in Fetal Rat Lung Fibroblasts. Experimental Cell Research, 1994, 211, 142-149.	1.2	15
174	Platelet-derived Growth Factor and Growth-related Genes in Rat Lung. I. Developmental Expression. American Journal of Respiratory Cell and Molecular Biology, 1991, 5, 371-376.	1.4	25