

Shilpa Buch

List of Publications by Year in descending order

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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	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
2	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
3	The sigma-1 receptor chaperone as an inter-organelle signaling modulator. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 557-566.	4.0	394
4	Interplay of endoplasmic reticulum stress and autophagy in neurodegenerative disorders. <i>Autophagy</i> , 2016, 12, 225-244.	4.3	207
5	CXCL10-induced cell death in neurons: role of calcium dysregulation. <i>European Journal of Neuroscience</i> , 2006, 23, 957-964.	1.2	150
6	HIV-1 Tat Primes and Activates Microglial NLRP3 Inflammasome-Mediated Neuroinflammation. <i>Journal of Neuroscience</i> , 2017, 37, 3599-3609.	1.7	145
7	Molecular mechanisms of long noncoding RNAs and their role in disease pathogenesis. <i>Oncotarget</i> , 2018, 9, 18648-18663.	0.8	144
8	MiR-9 promotes microglial activation by targeting MCP1. <i>Nature Communications</i> , 2014, 5, 4386.	5.8	133
9	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
10	Cocaine-mediated microglial activation involves the ER stress-autophagy axis. <i>Autophagy</i> , 2015, 11, 995-1009.	4.3	124
11	Neuronal Apoptosis Is Mediated by CXCL10 Overexpression in Simian Human Immunodeficiency Virus Encephalitis. <i>American Journal of Pathology</i> , 2004, 164, 1557-1566.	1.9	123
12	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
13	Stability of surface NMDA receptors controls synaptic and behavioral adaptations to amphetamine. <i>Nature Neuroscience</i> , 2009, 12, 602-610.	7.1	106
14	HIV-1 TAT-mediated microglial activation: role of mitochondrial dysfunction and defective mitophagy. <i>Autophagy</i> , 2018, 14, 1596-1619.	4.3	101
15	Cocaine-mediated induction of platelet-derived growth factor: implication for increased vascular permeability. <i>Blood</i> , 2011, 117, 2538-2547.	0.6	100
16	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
17	Cocaine-mediated induction of microglial activation involves the ER stress-TLR2 axis. <i>Journal of Neuroinflammation</i> , 2016, 13, 33.	3.1	93
18	Cocaine Hijacks β 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

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19	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
20	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
21	Cocaine induces astrocytosis through ER stress-mediated activation of autophagy. <i>Autophagy</i> , 2016, 12, 1310-1329.	4.3	82
22	HIV-1 neuroimmunity in the era of antiretroviral therapy. <i>Neurobiology of Disease</i> , 2010, 37, 542-548.	2.1	78
23	PDGF/PDGFR axis in the neural systems. <i>Molecular Aspects of Medicine</i> , 2018, 62, 63-74.	2.7	73
24	Involvement of TRPC Channels in CCL2-Mediated Neuroprotection against Tat Toxicity. <i>Journal of Neuroscience</i> , 2009, 29, 1657-1669.	1.7	71
25	HIV Tat Induces Expression of ICAM-1 in HUVECs: Implications for miR-221/-222 in HIV-Associated Cardiomyopathy. <i>PLoS ONE</i> , 2013, 8, e60170.	1.1	69
26	Cocaine and HIV-1 Interplay in CNS: Cellular and Molecular Mechanisms. <i>Current HIV Research</i> , 2012, 10, 425-428.	0.2	67
27	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
28	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
29	Morphine Potentiates Neuropathogenesis of SIV Infection in Rhesus Macaques. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 626-639.	2.1	64
30	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
31	Nonhuman primate models of NeuroAIDS. <i>Journal of NeuroVirology</i> , 2008, 14, 292-300.	1.0	63
32	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
33	Roles of MCP-1 in development of HIV-dementia. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 3913.	3.0	61
34	Activation of Notch signaling pathway in HIV-associated nephropathy. <i>Aids</i> , 2010, 24, 2161-2170.	1.0	61
35	Platelet-derived growth factor (PDGF)-BB-mediated induction of monocyte chemoattractant protein 1 in human astrocytes: implications for HIV-associated neuroinflammation. <i>Journal of Neuroinflammation</i> , 2012, 9, 262.	3.1	61
36	Hypoxia-inducible factor-1 β /platelet derived growth factor axis in HIV-associated pulmonary vascular remodeling. <i>Respiratory Research</i> , 2011, 12, 103.	1.4	59

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37	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
38	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
39	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
40	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
41	Changes in Expression of Platelet-Derived Growth Factor and Its Receptors in the Lungs of Newborn Rats Exposed to Air or 60% O ₂ . <i>Pediatric Research</i> , 2000, 48, 423-433.	1.1	54
42	Microarray analysis of cytokine and chemokine genes in the brains of macaques with SHIV-encephalitis. <i>Journal of Medical Primatology</i> , 2003, 32, 229-239.	0.3	52
43	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
44	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
45	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
46	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
47	Platelet-derived growth factor protects neurons against gp120-mediated toxicity. <i>Journal of NeuroVirology</i> , 2008, 14, 62-72.	1.0	48
48	Cooperative induction of CXCL10 involves NADPH oxidase: Implications for HIV dementia. <i>Glia</i> , 2010, 58, 611-621.	2.5	47
49	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
50	Cocaine and HIV-1 Interplay: Molecular Mechanisms of Action and Addiction. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 503-515.	2.1	47
51	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
52	HIV-1 Tat-mediated microglial inflammation involves a novel miRNA-34a-NLRC5-NF κ B signaling axis. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 227-237.	2.0	47
53	PDGF Synergistically Enhances IFN- γ -Induced Expression of CXCL10 in Blood-Derived Macrophages: Implications for HIV Dementia. <i>Journal of Immunology</i> , 2007, 179, 2722-2730.	0.4	46
54	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

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55	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
56	Platelet-Derived Growth Factor-BB Restores Human Immunodeficiency Virus Tat-Cocaine-Mediated Impairment of Neurogenesis: Role of TRPC1 Channels. <i>Journal of Neuroscience</i> , 2012, 32, 9835-9847.	1.7	44
57	IL-17A Induces MIP-1 α Expression in Primary Astrocytes via Src/MAPK/PI3K/NF- κ B Pathways: Implications for Multiple Sclerosis. <i>Journal of Neuroimmune Pharmacology</i> , 2014, 9, 629-641.	2.1	44
58	Cocaine Mediated Neuroinflammation: Role of Dysregulated Autophagy in Pericytes. <i>Molecular Neurobiology</i> , 2019, 56, 3576-3590.	1.9	44
59	Cocaine Potentiates Astrocyte Toxicity Mediated by Human Immunodeficiency Virus (HIV-1) Protein gp120. <i>PLoS ONE</i> , 2010, 5, e13427.	1.1	43
60	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
61	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
62	Role of nicotinic receptors and acetylcholine in mucous cell metaplasia, hyperplasia, and airway mucus formation in vitro and in vivo. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 770-780.e11.	1.5	40
63	Morphine-Mediated Brain Region-Specific Astrocytosis Involves the ER Stress-Autophagy Axis. <i>Molecular Neurobiology</i> , 2018, 55, 6713-6733.	1.9	40
64	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. <i>Virology</i> , 2002, 301, 189-205.	1.1	38
65	HIV-1 envelope protein gp120 up regulates CCL5 production in astrocytes which can be circumvented by inhibitors of NF- κ B pathway. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 112-117.	1.0	38
66	Morphine-mediated release of miR-138 in astrocyte-derived extracellular vesicles promotes microglial activation. <i>Journal of Extracellular Vesicles</i> , 2020, 10, e12027.	5.5	36
67	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
68	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
69	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
70	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
71	Reversible Palmitoylation Regulates Surface Stability of AMPA Receptors in the Nucleus Accumbens in Response to Cocaine In Vivo. <i>Biological Psychiatry</i> , 2011, 69, 1035-1042.	0.7	34
72	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

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73	Cocaine-mediated downregulation of microglial miR-124 expression involves promoter DNA methylation. <i>Epigenetics</i> , 2016, 11, 819-830.	1.3	34
74	HIV TAT-mediated microglial senescence: Role of SIRT3-dependent mitochondrial oxidative stress. <i>Redox Biology</i> , 2021, 40, 101843.	3.9	33
75	Association of Platelet-Derived Growth Factor-B Chain with Simian Human Immunodeficiency Virus Encephalitis. <i>American Journal of Pathology</i> , 2004, 165, 815-824.	1.9	32
76	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
77	Morphine Potentiates Dysbiotic Microbial and Metabolic Shifts in Acute SIV Infection. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 200-214.	2.1	31
78	Neuronal-derived extracellular vesicles are enriched in the brain and serum of HIV-1 transgenic rats. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1703249.	5.5	31
79	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
80	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
81	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
82	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
83	Antiretroviral-Mediated Microglial Activation Involves Dysregulated Autophagy and Lysosomal Dysfunction. <i>Cells</i> , 2019, 8, 1168.	1.8	29
84	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
85	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
86	Platelet-Derived Growth Factor CC-Mediated Neuroprotection against HIV Tat Involves TRPC-Mediated Inactivation of GSK 3beta. <i>PLoS ONE</i> , 2012, 7, e47572.	1.1	28
87	HIV gp120 Induces Mucus Formation in Human Bronchial Epithelial Cells through CXCR4/7-Nicotinic Acetylcholine Receptors. <i>PLoS ONE</i> , 2013, 8, e77160.	1.1	28
88	HIV Neuropathogenesis: a Tight Rope Walk of Innate Immunity. <i>Journal of NeuroImmune Pharmacology</i> , 2010, 5, 489-495.	2.1	26
89	HIV-1 Tat-mediated astrocytic amyloidosis involves the HIF-1/IncRNA BACE1-AS axis. <i>PLoS Biology</i> , 2020, 18, e3000660.	2.6	26
90	HIV-1 Tat Disrupts CX3CL1-CX3CR1 Axis in Microglia via the NF- κ BYY1 Pathway. <i>Current HIV Research</i> , 2014, 12, 189-200.	0.2	26

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91	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
92	INHIBITORY AND ENHANCING EFFECTS OF IFN- β 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
93	CaMKII α interacts with M4 muscarinic receptors to control receptor and psychomotor function. EMBO Journal, 2010, 29, 2070-2081.	3.5	25
94	Multiple Faceted Roles of Cocaine in Potentiation of HAND. Current HIV Research, 2016, 14, 412-416.	0.2	25
95	Neuropathogenesis of Lentiviral Infection in Macaques. American Journal of Pathology, 2002, 161, 813-822.	1.9	24
96	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
97	Simian Human Immunodeficiency Virus-Associated Pneumonia Correlates with Increased Expression of MCP-1, CXCL10, and Viral RNA in the Lungs of Rhesus Macaques. American Journal of Pathology, 2005, 166, 355-365.	1.9	23
98	Angiotensin II Increased Neuronal Stem Cell Proliferation: Role of AT2R. PLoS ONE, 2013, 8, e63488.	1.1	23
99	Platelet-Derived Growth Factor-BB Restores HIV Tat -Mediated Impairment of Neurogenesis: Role of GSK-3 β / β -Catenin. Journal of NeuroImmune Pharmacology, 2014, 9, 259-268.	2.1	23
100	Cocaine self-administration differentially activates microglia in the mouse brain. Neuroscience Letters, 2020, 728, 134951.	1.0	23
101	Extracellular Vesicles in Viral Infections of the Nervous System. Viruses, 2020, 12, 700.	1.5	22
102	NLRP3 Inflammasome Blockade Reduces Cocaine-Induced Microglial Activation and Neuroinflammation. Molecular Neurobiology, 2021, 58, 2215-2230.	1.9	22
103	Molecular mechanism(s) involved in the synergistic induction of CXCL10 by human immunodeficiency virus type 1 Tat and interferon- β in macrophages. Journal of NeuroVirology, 2008, 14, 196-204.	1.0	21
104	Opiates, immune system, acquired immunodeficiency syndrome, and nonhuman primate model. Journal of NeuroVirology, 2008, 14, 279-285.	1.0	21
105	Cigarette smoke and HIV synergistically affect lung pathology in cynomolgus macaques. Journal of Clinical Investigation, 2018, 128, 5428-5433.	3.9	21
106	Nonmuscle myosin light chain kinase mediates microglial migration induced by HIV Tat: Involvement of β 1 integrins. FASEB Journal, 2013, 27, 1532-1548.	0.2	19
107	Role of Sigma-1 Receptor in Cocaine Abuse and Neurodegenerative Disease. Advances in Experimental Medicine and Biology, 2017, 964, 163-175.	0.8	19
108	HIV Tat-mediated induction of autophagy regulates the disruption of ZO-1 in brain endothelial cells. Tissue Barriers, 2020, 8, 1748983.	1.6	18

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109	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
110	HIV-1 Vpr protein impairs lysosome clearance causing SNCA/alpha-synuclein accumulation in neurons. <i>Autophagy</i> , 2021, 17, 1768-1782.	4.3	17
111	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
112	Role of Inflammasomes in HIV-1 and Drug Abuse Mediated Neuroinflammation. <i>Cells</i> , 2020, 9, 1857.	1.8	16
113	Differential Regulation of Platelet-Derived Growth Factor Genes in Fetal Rat Lung Fibroblasts. <i>Experimental Cell Research</i> , 1994, 211, 142-149.	1.2	15
114	Neuropathogenesis of chimeric simian human immunodeficiency virus infection in rhesus macaques. <i>Journal of Medical Primatology</i> , 2003, 29, 96-106.	0.3	15
115	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
116	Immunoprophylaxis against AIDS in macaques with a lentiviral DNA vaccine. <i>Virology</i> , 2006, 351, 444-454.	1.1	15
117	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
118	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
119	Development of Virus-Specific Immune Responses in SHIVKU-Infected Macaques Treated with PMPA. <i>Virology</i> , 2001, 279, 97-108.	1.1	14
120	Rodent Models of HAND and Drug Abuse: Exogenous Administration of Viral Protein(s) and Cocaine. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 341-351.	2.1	14
121	N-Acetylcysteine Reverses Antiretroviral-Mediated Microglial Activation by Attenuating Autophagy-Lysosomal Dysfunction. <i>Frontiers in Neurology</i> , 2020, 11, 840.	1.1	14
122	Vitamin D receptor activation and downregulation of renin-angiotensin system attenuate morphine-induced T cell apoptosis. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C607-C615.	2.1	13
123	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
124	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
125	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
126	Opioid-Mediated HIV-1 Immunopathogenesis. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 628-642.	2.1	12

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127	Inhibition of pathogenic SHIV replication in macaques treated with antisense DNA of interleukin-4. <i>Blood</i> , 2005, 105, 3094-3099.	0.6	11
128	DEFEROXAMINE MIMICS THE PATTERN OF HYPOXIA-RELATED INJURY AT THE MICROVASCULATURE. <i>Shock</i> , 2009, 31, 481-485.	1.0	11
129	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
130	Astrocytes & Astrocyte derived Extracellular Vesicles in Morphine Induced Amyloidopathy: Implications for Cognitive Deficits in Opiate Abusers. , 2021, 12, 1389.		11
131	Cannabinoid Receptor 2 Activation. <i>American Journal of Pathology</i> , 2013, 183, 1375-1377.	1.9	10
132	Alzheimer's-Like Pathology at the Crossroads of HIV-Associated Neurological Disorders. <i>Vaccines</i> , 2021, 9, 930.	2.1	10
133	Extracellular Vesicle-Mediated Delivery of Ultrasmall Superparamagnetic Iron Oxide Nanoparticles to Mice Brain. <i>Frontiers in Pharmacology</i> , 2022, 13, 819516.	1.6	10
134	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
135	NF- κ B Duplications in the Promoter-Variant HIV-1 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
136	HIV-1 Productively Infects and Integrates in Bronchial Epithelial Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 612360.	1.8	9
137	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
138	HIV-1 and drug abuse comorbidity: Lessons learned from the animal models of NeuroHIV. <i>Neuroscience Letters</i> , 2021, 754, 135863.	1.0	9
139	Protective Role of Lactobacillus rhamnosus 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
140	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
141	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
142	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
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	Monocytes-Derived Macrophages Mediated Stable Expression of Human Brain-Derived Neurotrophic Factor, a Novel Therapeutic Strategy for NeuroAIDS. PLoS ONE, 2014, 9, e82030.	1.1	8
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