

Johnny J He

List of Publications by Year in descending order

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70
papers

2,676
citations

201674

27
h-index

189892

50
g-index

73
all docs

73
docs citations

73
times ranked

2840
citing authors

#	ARTICLE	IF	CITATIONS
1	Uptake of HIV-1 Tat protein mediated by low-density lipoprotein receptor-related protein disrupts the neuronal metabolic balance of the receptor ligands. <i>Nature Medicine</i> , 2000, 6, 1380-1387.	30.7	360
2	Neuropathologies in Transgenic Mice Expressing Human Immunodeficiency Virus Type 1 Tat Protein under the Regulation of the Astrocyte-Specific Glial Fibrillary Acidic Protein Promoter and Doxycycline. <i>American Journal of Pathology</i> , 2003, 162, 1693-1707.	3.8	229
3	CD4-Independent Infection of Astrocytes by Human Immunodeficiency Virus Type 1: Requirement for the Human Mannose Receptor. <i>Journal of Virology</i> , 2004, 78, 4120-4133.	3.4	183
4	Astrocyte activation and dysfunction and neuron death by HIV-1 Tat expression in astrocytes. <i>Molecular and Cellular Neurosciences</i> , 2004, 27, 296-305.	2.2	126
5	HIV-1 Tat Alters Neuronal Autophagy by Modulating Autophagosome Fusion to the Lysosome: Implications for HIV-Associated Neurocognitive Disorders. <i>Journal of Neuroscience</i> , 2015, 35, 1921-1938.	3.6	109
6	Exosome-associated hepatitis C virus in cell cultures and patient plasma. <i>Biochemical and Biophysical Research Communications</i> , 2014, 455, 218-222.	2.1	86
7	HIV-1 Tat Protein Promotes Neuronal Dysfunction through Disruption of MicroRNAs. <i>Journal of Biological Chemistry</i> , 2011, 286, 41125-41134.	3.4	76
8	HIV-1 Tat Induces Unfolded Protein Response and Endoplasmic Reticulum Stress in Astrocytes and Causes Neurotoxicity through Glial Fibrillary Acidic Protein (GFAP) Activation and Aggregation. <i>Journal of Biological Chemistry</i> , 2016, 291, 22819-22829.	3.4	67
9	Direct Participation of Sam68, the 68-Kilodalton Src-Associated Protein in Mitosis, in the CRM1-Mediated Rev Nuclear Export Pathway. <i>Journal of Virology</i> , 2002, 76, 8374-8382.	3.4	63
10	Translational Regulation of HIV-1 Replication by HIV-1 Rev Cellular Cofactors Sam68, eIF5A, hRIP, and DDX3. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 308-321.	4.1	61
11	Effects of Conditional Central Expression of HIV-1 Tat Protein to Potentiate Cocaine-Mediated Psychostimulation and Reward Among Male Mice. <i>Neuropsychopharmacology</i> , 2014, 39, 380-388.	5.4	61
12	Exosome-associated release, uptake, and neurotoxicity of HIV-1 Tat protein. <i>Journal of NeuroVirology</i> , 2016, 22, 774-788.	2.1	55
13	Expression of Exogenous Sam68, the 68-Kilodalton Src-Associated Protein in Mitosis, Is Able To Alleviate Impaired Rev Function in Astrocytes. <i>Journal of Virology</i> , 2002, 76, 4526-4535.	3.4	53
14	HIV-1 Tat Protein-mediated Transactivation of the HIV-1 Long Terminal Repeat Promoter Is Potentiated by a Novel Nuclear Tat-interacting Protein of 110 kDa, Tip110. <i>Journal of Biological Chemistry</i> , 2002, 277, 23854-23863.	3.4	50
15	Protection against Human Immunodeficiency Virus Type 1 Tat Neurotoxicity by Ginkgo biloba Extract EGb 761 Involving Glial Fibrillary Acidic Protein. <i>American Journal of Pathology</i> , 2007, 171, 1923-1935.	3.8	50
16	Mechanisms of HIV-1 Tat Neurotoxicity via CDK5 Translocation and Hyper-Activation: Role in HIV-Associated Neurocognitive Disorders. <i>Current HIV Research</i> , 2015, 13, 43-54.	0.5	48
17	Cell-cell contact viral transfer contributes to HIV infection and persistence in astrocytes. <i>Journal of NeuroVirology</i> , 2015, 21, 66-80.	2.1	48
18	HIV Tat Impairs Neurogenesis through Functioning As a Notch Ligand and Activation of Notch Signaling Pathway. <i>Journal of Neuroscience</i> , 2016, 36, 11362-11373.	3.6	45

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19	HIV-1 Tat-shortened neurite outgrowth through regulation of microRNA-132 and its target gene expression. <i>Journal of Neuroinflammation</i> , 2016, 13, 247.	7.2	43
20	Induction of C Chemokine XCL1 (Lymphotactin/Single C Motif-1 \pm /Activation-Induced, T Cell-Derived and) Tj ETQq0 0 0 rgBT /Overlock 1888-1895.	0.8	42
21	Suppression of HIV-1 Nef Translation by Sam68 Mutant-Induced Stress Granules and nef mRNA Sequestration. <i>Molecular Cell</i> , 2009, 33, 87-96.	9.7	40
22	Activation of Egr-1 Expression in Astrocytes by HIV-1 Tat: New Insights into Astrocyte-Mediated Tat Neurotoxicity. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 121-129.	4.1	40
23	HIV-1 interaction with human mannose receptor (hMR) induces production of matrix metalloproteinase 2 (MMP-2) through hMR-mediated intracellular signaling in astrocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1741, 55-64.	3.8	36
24	HIV-1 Tat Promotes Lysosomal Exocytosis in Astrocytes and Contributes to Astrocyte-mediated Tat Neurotoxicity. <i>Journal of Biological Chemistry</i> , 2016, 291, 22830-22840.	3.4	34
25	Doxycycline-inducible and astrocyte-specific HIV-1 Tat transgenic mice (iTat) as an HIV/neuroAIDS model. <i>Journal of NeuroVirology</i> , 2018, 24, 168-179.	2.1	32
26	Exosomes Are Unlikely Involved in Intercellular Nef Transfer. <i>PLoS ONE</i> , 2015, 10, e0124436.	2.5	31
27	HIV-1 Nef-mediated inhibition of T cell migration and its molecular determinants. <i>Journal of Leukocyte Biology</i> , 2009, 86, 1171-1178.	3.3	30
28	Proliferation inhibition of astrocytes, neurons, and non-glia cells by intracellularly expressed human immunodeficiency virus type 1 (HIV-1) Tat protein. <i>Neuroscience Letters</i> , 2004, 359, 155-158.	2.1	29
29	Tip110, the Human Immunodeficiency Virus Type 1 (HIV-1) Tat-interacting Protein of 110 kDa as a Negative Regulator of Androgen Receptor (AR) Transcriptional Activation. <i>Journal of Biological Chemistry</i> , 2004, 279, 21766-21773.	3.4	26
30	TIP110/p110nrb/SART3/p110 regulation of hematopoiesis through CMYC. <i>Blood</i> , 2011, 117, 5643-5651.	1.4	26
31	<i>C-MYC</i> Controlled <i>TIP110</i> Protein Expression Regulates <i>OCT4</i> mRNA Splicing in Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 689-694.	2.1	25
32	Long-term HIV-1 Tat Expression in the Brain Led to Neurobehavioral, Pathological, and Epigenetic Changes Reminiscent of Accelerated Aging. , 2020, 11, 93.		25
33	<i>Tip110</i> Maintains Expression of Pluripotent Factors in and Pluripotency of Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 829-833.	2.1	24
34	HIV/neuroAIDS biomarkers. <i>Progress in Neurobiology</i> , 2017, 157, 117-132.	5.7	24
35	Involvement of p300 in constitutive and HIV \hat{e} 1 Tat \hat{e} activated expression of glial fibrillary acidic protein in astrocytes. <i>Glia</i> , 2010, 58, 1640-1648.	4.9	22
36	Hepatitis C virus (HCV) interaction with astrocytes: nonproductive infection and induction of IL-18. <i>Journal of NeuroVirology</i> , 2014, 20, 278-293.	2.1	22

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37	Tip110/SART3 regulates IL-8 expression and predicts the clinical outcomes in melanoma. <i>Molecular Cancer</i> , 2018, 17, 124.	19.2	22
38	HIV-1 Nef Is Transferred from Expressing T Cells to Hepatocytic Cells through Conduits and Enhances HCV Replication. <i>PLoS ONE</i> , 2014, 9, e99545.	2.5	22
39	Thrombopoietin-induced conformational change in p53 lies downstream of the p44/p42 mitogen activated protein kinase cascade in the human growth factor-dependent cell line M07e. <i>Oncogene</i> , 1999, 18, 1465-1477.	5.9	19
40	Ionic derivatives of betulinic acid exhibit antiviral activity against herpes simplex virus type-2 (HSV-2), but not HIV-1 reverse transcriptase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3168-3171.	2.2	19
41	Sam68 functions in nuclear export and translation of HIV-1 RNA. <i>RNA Biology</i> , 2009, 6, 384-386.	3.1	18
42	Cell-Cell Contact-Mediated Hepatitis C Virus (HCV) Transfer, Productive Infection, and Replication and Their Requirement for HCV Receptors. <i>Journal of Virology</i> , 2013, 87, 8545-8558.	3.4	18
43	Regulation of ubiquitin-proteasome system-mediated Tip110 protein degradation by USP15. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 54, 10-19.	2.8	18
44	STAT3 and Its Phosphorylation are Involved in HIV-1 Tat-Induced Transactivation of Glial Fibrillary Acidic Protein. <i>Current HIV Research</i> , 2015, 13, 55-63.	0.5	17
45	Tip110 Regulates the Cross Talk between p53 and Hypoxia-Inducible Factor 1 α under Hypoxia and Promotes Survival of Cancer Cells. <i>Molecular and Cellular Biology</i> , 2015, 35, 2254-2264.	2.3	17
46	Tip110: Physical properties, primary structure, and biological functions. <i>Life Sciences</i> , 2016, 149, 79-95.	4.3	16
47	Involvement of miR-196a in HIV-associated neurocognitive disorders. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 1202-1214.	4.9	14
48	Activation of $\alpha 7$ nicotinic acetylcholine receptor ameliorates HIV-associated neurology and neuropathology. <i>Brain</i> , 2021, 144, 3355-3370.	7.6	14
49	Tip110 interacts with YB-1 and regulates each other's function. <i>BMC Molecular Biology</i> , 2013, 14, 14.	3.0	13
50	Tip110 Protein Binds to Unphosphorylated RNA Polymerase II and Promotes Its Phosphorylation and HIV-1 Long Terminal Repeat Transcription. <i>Journal of Biological Chemistry</i> , 2014, 289, 190-202.	3.4	13
51	MicroRNA-124 Targets <i>Tip110</i> Expression and Regulates Hematopoiesis. <i>Stem Cells and Development</i> , 2015, 24, 2009-2017.	2.1	13
52	Function of ubiquitin (Ub) specific protease 15 (USP15) in HIV-1 replication and viral protein degradation. <i>Virus Research</i> , 2016, 223, 161-169.	2.2	13
53	Inhibition of HCV Replication by Oxysterol-Binding Protein-Related Protein 4 (ORP4) through Interaction with HCV NS5B and Alteration of Lipid Droplet Formation. <i>PLoS ONE</i> , 2013, 8, e75648.	2.5	13
54	The anticancer drug sunitinib promotes autophagy and protects from neurotoxicity in an HIV-1 Tat model of neurodegeneration. <i>Journal of NeuroVirology</i> , 2017, 23, 290-303.	2.1	12

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55	Tip110 binding to U6 small nuclear RNA and its participation in pre-mRNA splicing. <i>Cell and Bioscience</i> , 2015, 5, 40.	4.8	9
56	Independent and Combined Effects of Nicotine or Chronic Tobacco Smoking and HIV on the Brain: A Review of Preclinical and Clinical Studies. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 658-693.	4.1	9
57	Inhibition of HIV-1 Transcription and Replication by a Newly Identified Cyclin T1 Splice Variant. <i>Journal of Biological Chemistry</i> , 2013, 288, 14297-14309.	3.4	8
58	Tip110 Deletion Impaired Embryonic and Stem Cell Development Involving Downregulation of Stem Cell Factors Nanog, Oct4, and Sox2. <i>Stem Cells</i> , 2017, 35, 1674-1686.	3.2	7
59	Hepatitis C virus is restricted at both entry and replication in mouse hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 489-493.	2.1	6
60	HIV Tat and cocaine interactively alter genome-wide DNA methylation and gene expression and exacerbate learning and memory impairments. <i>Cell Reports</i> , 2022, 39, 110765.	6.4	5
61	Tat expression led to increased histone 3 tri-methylation at lysine 27 and contributed to HIV latency in astrocytes through regulation of MeCP2 and Ezh2 expression. <i>Journal of NeuroVirology</i> , 2019, 25, 508-519.	2.1	4
62	Tip110/SART3-Mediated Regulation of NF- κ B Activity by Targeting I κ B α Stability Through USP15. <i>Frontiers in Oncology</i> , 2022, 12, 843157.	2.8	4
63	Unraveling neuroHIV in the Presence of Substance Use Disorders. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 578-583.	4.1	2
64	miRNA regulation of Tip110 expression and self-renewal and differentiation of human CD34+ hematopoietic cells. <i>Oncotarget</i> , 2018, 9, 4823-4832.	1.8	2
65	Tip110 Expression Facilitates the Release of HEXIM1 and pTEFb from the 7SK Ribonucleoprotein Complex Involving Regulation of the Intracellular Redox Level. , 2021, 12, 2113.		2
66	Regulation of Constitutive Tip110 Expression in Human Cord Blood CD34 ⁺ Cells Through Selective Usage of the Proximal and Distal Polyadenylation Sites Within the 3' UTR. <i>Stem Cells and Development</i> , 2018, 27, 566-576.	2.1	1
67	Leishmaniac Quest for Developing a Novel Vaccine Platform. Is a Roadmap for Its Advances Provided by the Mad Dash to Produce Vaccines for COVID-19?. <i>Vaccines</i> , 2022, 10, 248.	4.4	1
68	A Unique Robust Dual-Promoter-Driven and Dual-Reporter-Expressing SARS-CoV-2 Replicon: Construction and Characterization. <i>Viruses</i> , 2022, 14, 974.	3.3	1
69	Cell Signaling Pathways and HIV-1 Therapeutics. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 173-176.	4.1	0
70	Tip110 Maintains Expression of Pluripotent Factors in and Pluripotency of Human Embryonic Stem Cells. <i>Blood</i> , 2011, 118, 2353-2353.	1.4	0