Jialin Zheng

List of Publications by Year
in descending order

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71	3,169	109321	155660
papers	citations	35 h-index	55 g-index

71	71	71	3351
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intracellular CXCR4 signaling, neuronal apoptosis and neuropathogenic mechanisms of HIV-1-associated dementia. Journal of Neuroimmunology, 1999, 98, 185-200.	2.3	299
2	Suppression of Inflammatory Neurotoxins by Highly Active Antiretroviral Therapy in Human Immunodeficiency Virusâ€Associated Dementia. Journal of Infectious Diseases, 1998, 178, 1000-1007.	4.0	169
3	Stromal cellâ€derived factor 1â€mediated CXCR4 signaling in rat and human cortical neural progenitor cells. Journal of Neuroscience Research, 2004, 76, 35-50.	2.9	153
4	Lymphotropic Virions Affect Chemokine Receptor-Mediated Neural Signaling and Apoptosis: Implications for Human Immunodeficiency Virus Type 1-Associated Dementia. Journal of Virology, 1999, 73, 8256-8267.	3.4	125
5	Alcohol-induced blood?brain barrier dysfunction is mediated via inositol 1,4,5-triphosphate receptor (IP3R)-gated intracellular calcium release. Journal of Neurochemistry, 2007, 100, 324-336.	3.9	105
6	HIV-1-infected and/or immune activated macrophages regulate astrocyte SDF-1 production through IL-1Î². Glia, 2006, 54, 619-629.	4.9	92
7	Mitochondrial glutaminase enhances extracellular glutamate production in HIVâ€1â€infected macrophages: Linkage to HIVâ€1 associated dementia. Journal of Neurochemistry, 2004, 88, 169-180.	3.9	91
8	Cytokine-Stimulated, But Not HIV-Infected, Human Monocyte-Derived Macrophages Produce Neurotoxic Levels of <scp>l</scp>-Cysteine. Journal of Immunology, 2000, 164, 4265-4270.	0.8	89
9	The phenotypic characterization of naturally occurring regulatory CD4+CD25+ T cells. Cellular and Molecular Immunology, 2006, 3, 189-95.	10.5	87
10	Plasma Levels of Soluble CD14 and Tumor Necrosis Factorâ€“Î± Type II Receptor Correlate with Cognitive Dysfunction during Human Immunodeficiency Virus Type 1 Infection. Journal of Infectious Diseases, 2001, 184, 699-706.	4.0	85
11	Neuronal injury regulates fractalkine: relevance for HIV-1 associated dementia. Journal of Neuroimmunology, 2003, 138, 144-155.	2.3	83
12	Cathelicidin-Derived Antimicrobial Peptides Inhibit Zika Virus Through Direct Inactivation and Interferon Pathway. Frontiers in Immunology, 2018, 9, 722.	4.8	79
13	Insights into the neurodegenerative process of Alzheimer's disease: a role for mononuclear phagocyte-associated inflammation and neurotoxicity. Journal of Leukocyte Biology, 1999, 65, 416-427.	3.3	76
14	HIVâ€1â€infected and/or immuneâ€activated macrophageâ€secreted TNFâ€Î± affects human fetal cortical neural progenitor cell proliferation and differentiation. Glia, 2008, 56, 903-916.	4.9	74
15	CXCL12 Enhances Human Neural Progenitor Cell Survival Through a CXCR7â€and CXCR4â€Mediated Endocytotic Signaling Pathway. Stem Cells, 2012, 30, 2571-2583.	3.2	73
16	The HIV-1 associated dementia complex. Current Opinion in Neurology, 1997, 10, 319-326.	3.6	72
17	Role of activated astrocytes in neuronal damage: Potential links to HIV-1-associated dementia. Neurotoxicity Research, 2005, 7, 183-192.	2.7	72
18	Differential Expression of CXCL12 and CXCR4 During Human Fetal Neural Progenitor Cell Differentiation. Journal of NeuroImmune Pharmacology, 2007, 2, 251-258.	4.1	62

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19	Zika virus propagation and release in human fetal astrocytes can be suppressed by neutral sphingomyelinase-2 inhibitor GW4869. Cell Discovery, 2018, 4, 19.	6.7	59
20	Inhibition of long-term potentiation by interleukin-8: Implications for human immunodeficiency virus-1-associated dementia. Journal of Neuroscience Research, 2003, 71, 600-607.	2.9	58
21	TNF-related apoptosis-inducing ligand mediates human neuronal apoptosis: links to HIV-1-associated dementia. Journal of Neuroimmunology, 2004, 148, 127-139.	2.3	55
22	Glutamate production by HIV-1 infected human macrophage is blocked by the inhibition of glutaminase. Journal of Neurochemistry, 2007, 102, 539-549.	3.9	51
23	Identification of Distinct Carboxyl-Terminal Domains Mediating Internalization and Down-Regulation of the Hamster Î±_{1B}- Adrenergic Receptor. Molecular Pharmacology, 2000, 57, 687-694.	2.3	48
24	C1qâ€“calreticulin induced oxidative neurotoxicity: relevance for the neuropathogenesis of Alzheimer's disease. Journal of Neuroimmunology, 2003, 135, 62-71.	2.3	48
25	Transcription Factor FOXO3a Mediates Apoptosis in HIV-1-Infected Macrophages. Journal of Immunology, 2008, 180, 898-906.	0.8	47
26	FOXO3a inhibits TNFâ€Î±â€•and ILâ€1Î²â€induced astrocyte proliferation:Implication for reactive astrogliosis. Glia, 2011, 59, 641-654.	4.9	45
27	Interferon-Î± Regulates Glutaminase 1 Promoter through STAT1 Phosphorylation: Relevance to HIV-1 Associated Neurocognitive Disorders. PLoS ONE, 2012, 7, e32995.	2.5	45
28	Regulation of Human Immunodeficiency Virus Type 1 Infection, Î²-Chemokine Production, and CCR5 Expression in CD40L-Stimulated Macrophages: Immune Control of Viral Entry. Journal of Virology, 2001, 75, 4308-4320.	3.4	44
29	Classification of HIV-1-Mediated Neuronal Dendritic and Synaptic Damage Using Multiple Criteria Linear Programming. Neuroinformatics, 2004, 2, 303-326.	2.8	44
30	Soluble HIV-1 infected macrophage secretory products mediate blockade of long-term potentiation: a mechanism for cognitive dysfunction in HIV-1-associated dementia. Journal of NeuroVirology, 1999, 5, 519-528.	2.1	40
31	In vitro glutaminase regulation and mechanisms of glutamate generation in HIVâ€1â€infected macrophage. Journal of Neurochemistry, 2009, 109, 551-561.	3.9	39
32	HIV-1-Infected and Immune-Activated Macrophages Induce Astrocytic Differentiation of Human Cortical Neural Progenitor Cells via the STAT3 Pathway. PLoS ONE, 2011, 6, e19439.	2.5	39
33	Amyloid precursor proteinâ€processing products affect mononuclear phagocyte activation: pathways for sAPPâ€•and AÎ²â€mediated neurotoxicity. Journal of Neurochemistry, 2003, 85, 925-934.	3.9	38
34	Potentiation of excitotoxicity in HIV-1-associated Dementia and the significance of glutaminase. Clinical Neuroscience Research, 2006, 6, 315-328.	0.8	37
35	HIVâ€infected macrophages mediate neuronal apoptosis through mitochondrial glutaminase. Journal of Neurochemistry, 2008, 105, 994-1005.	3.9	37
36	HIV-1 infected and immune competent mononuclear phagocytes induce quantitative alterations in neuronal dendritic arbor: Relevance for HIV-1-associated dementia. Neurotoxicity Research, 2001, 3, 443-459.	2.7	36

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37	TNF-Î± Affects Human Cortical Neural Progenitor Cell Differentiation through the Autocrine Secretion of Leukemia Inhibitory Factor. PLoS ONE, 2012, 7, e50783.	2.5	36
38	HIV-1 infected immune competent mononuclear phagocytes influence the pathways to neuronal demise. Neurotoxicity Research, 2001, 3, 461-484.	2.7	35
39	TRAIL-Mediated Apoptosis in HIV-1-Infected Macrophages Is Dependent on the Inhibition of Akt-1 Phosphorylation. Journal of Immunology, 2006, 177, 2304-2313.	0.8	35
40	A Mutation in the Hamster Î±1B-Adrenergic Receptor that Differentiates Two Steps in the Pathway of Receptor Internalization. Molecular Pharmacology, 1997, 52, 306-313.	2.3	34
41	The inflammatory Th 17 subset in immunity against self and non-self antigens. Autoimmunity, 2008, 41, 154-162.	2.6	33
42	Cellular IAP1 regulates TRAIL-induced apoptosis in human fetal cortical neural progenitor cells. Journal of Neuroscience Research, 2005, 82, 295-305.	2.9	27
43	Macrophages, chemokines and neuronal injury in HIV-1-associated dementia. Cellular and Molecular Biology, 2002, 48, 137-50.	0.9	27
44	Mitochondrial Glutaminase Release Contributes to Glutamate-Mediated Neurotoxicity during Human Immunodeficiency Virus-1 Infection. Journal of NeuroImmune Pharmacology, 2012, 7, 619-628.	4.1	26
45	Glutaminase 1 Is Essential for the Differentiation, Proliferation, and Survival of Human Neural Progenitor Cells. Stem Cells and Development, 2014, 23, 2782-2790.	2.1	25
46	Inhibition of phosphorylated c-Met in rhabdomyosarcoma cell lines by a small molecule inhibitor SU11274. Journal of Translational Medicine, 2011, 9, 64.	4.4	24
47	Unraveling the Mechanisms of Neurotoxicity in HIV Type 1-Associated Dementia: Inhibition of Neuronal Synaptic Transmission by Macrophage Secretory Products. AIDS Research and Human Retroviruses, 1999, 15, 57-63.	1.1	23
48	New Insights for FOXO and Cell-Fate Decision in HIV Infection and HIV Associated Neurocognitive Disorder. Advances in Experimental Medicine and Biology, 2009, 665, 143-159.	1.6	19
49	Neuropeptide Y Inhibits Chromaffin Cell Nicotinic Receptor-Stimulated Tyrosine Hydroxylase Activity through a Receptor-Linked G Protein-Mediated Process. Molecular Pharmacology, 1997, 52, 1027-1033.	2.3	16
50	Neuropeptide Y Enhances ATP-Induced Formation of Inositol Phosphates in Chromaffin Cells. Biochemical and Biophysical Research Communications, 1997, 239, 287-290.	2.1	16
51	Software for Quantitative Proteomic Analysis Using Stable Isotope Labeling and Data Independent Acquisition. Analytical Chemistry, 2011, 83, 6971-6979.	6.5	16
52	Glutaminase C overexpression in the brain induces learning deficits, synaptic dysfunctions, and neuroinflammation in mice. Brain, Behavior, and Immunity, 2017, 66, 135-145.	4.1	15
53	Identification of an NPY-Y1 receptor subtype in bovine chromaffin cells. Regulatory Peptides, 2000, 87, 9-13.	1.9	14
54	ATP stimulated cyclic AMP formation in bovine chromaffin cells is enhanced by neuropeptide Y. Peptides, 2001, 22, 439-444.	2.4	13

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55	STAT1 Regulates Human Glutaminase 1 Promoter Activity through Multiple Binding Sites in HIV-1 Infected Macrophages. PLoS ONE, 2013, 8, e76581.	2.5	11
56	Up-regulation of Soluble Tumor Necrosis Factor Receptor Two in Plasma of HIV-Seropositive Individuals Who Use Opiates. AIDS Research and Human Retroviruses, 2004, 20, 41-45.	1.1	8
57	Serial deletion reveals structural basis and stability for the core enzyme activity of human glutaminase 1 isoforms: relevance to excitotoxic neurodegeneration. Translational Neurodegeneration, 2017, 6, 10.	8.0	8
58	BIBP 3226 inhibition of nicotinic receptor mediated chromaffin cell secretion. European Journal of Pharmacology, 1998, 362, 121-125.	3.5	2
59	Neuropeptide Y secretion from bovine chromaffin cells inhibits cyclic amp accumulation. Life Sciences, 2000, 67, 617-625.	4.3	2
60	Classifications of neural dendritic and synaptic damage resulting from HIV-1-associated dementia: a multiple criteria linear programming approach. , 2003, , .		2
61	Chemokines and Their Receptors and the Neuropathogenesis of HIV-1 Infection. , 2006, , 45-80.		1
62	Cytokines and Chemokines. , 2008, , 183-205.		1
63	Response to Comment on â€œTranscription Factor FOXO3a Mediates Apoptosis in HIV-1-Infected Macrophagesâ€• Journal of Immunology, 2008, 180, 7783.2-7784.	0.8	1
64	Cytokines and Chemokines. , 2017, , 261-283.		1
65	Neural Immunity and Human Immunodeficiency Virus-1-Associated Dementia. , 2004, , 547-559.		1
66	Chemokines and the Neuropathogenesis of HIV-1 Infection. , 0, , 151-171.		1
67	Editorial: Exciting Progresses in Stem Cell and Neural Stem Cell Research. Current Molecular Medicine, 2013, 13, 1409-1411.	1.3	0
68	Fractalkine. , 2007, , 1-3.		0
69	SDF 1. , 2007, , 1-3.		0
70	AMD3100. , 2007, , 1-3.		0
71	CX3CR1 Chemokine Receptor. , 2007, , 1-4.		0