Shohreh Amini

List of Publications by Year
in descending order

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106	6,912	109321	62596
papers	citations	35 h-index	80 g-index

106	106	106	11258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monocyte Chemoattractant Protein-1 (MCP-1): An Overview. Journal of Interferon and Cytokine Research, 2009, 29, 313-326.	1.2	2,967
2	CNS invasion by CD14+/CD16+ peripheral blood-derived monocytes in HIV dementia: perivascular accumulation and reservoir of HIV infection. Journal of NeuroVirology, 2001, 7, 528-541.	2.1	351
3	HIV-1 associated dementia: symptoms and causes. Retrovirology, 2006, 3, 28.	2.0	176
4	PurÎ± Is Essential for Postnatal Brain Development and Developmentally Coupled Cellular Proliferation As Revealed by Genetic Inactivation in the Mouse. Molecular and Cellular Biology, 2003, 23, 6857-6875.	2.3	169
5	Molecular pathway involved in HIV-1-induced CNS pathology: role of viral regulatory protein, Tat. Journal of Leukocyte Biology, 1999, 65, 458-465.	3.3	160
6	Detection of HIV-1 Tat and JCV capsid protein, VP1, in AIDS brain with progressive multifocal leukoencephalopathy. Journal of NeuroVirology, 2000, 6, 221-228.	2.1	138
7	Activation of the Oxidative Stress Pathway by HIV-1 Vpr Leads to Induction of Hypoxia-inducible Factor 1Î± Expression. Journal of Biological Chemistry, 2009, 284, 11364-11373.	3.4	100
8	Cooperative Interaction between HIV-1 Regulatory Proteins Tat and Vpr Modulates Transcription of the Viral Genome. Journal of Biological Chemistry, 2000, 275, 35209-35214.	3.4	99
9	HIV-1 Nef is released in extracellular vesicles derived from astrocytes: evidence for Nef-mediated neurotoxicity. Cell Death and Disease, 2018, 8, e2542-e2542.	6.3	99
10	Cooperative Actions of HIV-1 Vpr and p53 Modulate Viral Gene Transcription. Journal of Biological Chemistry, 1998, 273, 20052-20057.	3.4	87
11	HIV-1 Vpr Modulates Macrophage Metabolic Pathways: A SILAC-Based Quantitative Analysis. PLoS ONE, 2013, 8, e68376.	2.5	75
12	Regulation of myelin basic protein gene transcription by Sp1 and Pur?: Evidence for association of Sp1 and Pur? in brain. Journal of Cellular Physiology, 1999, 181, 160-168.	4.1	74
13	Role of JC Virus Agnoprotein in DNA Repair. Journal of Virology, 2004, 78, 8593-8600.	3.4	71
14	Evidence for BAG3 modulation of HIV-1 gene transcription. Journal of Cellular Physiology, 2007, 210, 676-683.	4.1	65
15	Regulation of TNFÎ± and TGFÎ²-1 gene transcription by HIV-1 Tat in CNS cells. Journal of Neuroimmunology, 1998, 87, 33-42.	2.3	64
16	Regulation of JCVL promoter function: Transactivation of JCVL promoter by JCV and SV40 early proteins. Virology, 1989, 170, 292-295.	2.4	59
17	Identification of a Sequence-specific Single-stranded DNA Binding Protein That Suppresses Transcription of the Mouse Myelin Basic Protein Gene. Journal of Biological Chemistry, 1995, 270, 12503-12510.	3.4	56
18	Role of HIV-1 Vpr in AIDS pathogenesis: relevance and implications of intravirion, intracellular and free Vpr. Biomedicine and Pharmacotherapy, 2003, 57, 20-24.	5.6	53

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19	Interaction between Cell Cycle Regulator, E2F-1, and NF-Î¹B Mediates Repression of HIV-1 Gene Transcription. Journal of Biological Chemistry, 1997, 272, 29468-29474.	3.4	52
20	Role of HIV-1 Tat and CC Chemokine MIP-1Î± in the pathogenesis of HIV associated central nervous system disorders. Journal of NeuroVirology, 1999, 5, 685-694.	2.1	52
21	Members of the AP-1 Family, c-Jun and c-Fos, Functionally Interact with JC Virus Early Regulatory Protein Large T Antigen. Journal of Virology, 2003, 77, 5241-5252.	3.4	52
22	Cdk9 phosphorylates p53 on serine 392 independently of CKII. Journal of Cellular Physiology, 2006, 208, 602-612.	4.1	51
23	Interplay between HIV-1 Vpr and Sp1 Modulates p21WAF1 Gene Expression in Human Astrocytes. Journal of Biological Chemistry, 2004, 279, 46046-46056.	3.4	50
24	Cooperative interaction of C/EBPÎ² and Tat modulates MCP-1 gene transcription in astrocytes. Journal of Neuroimmunology, 2005, 160, 219-227.	2.3	49
25	Interaction between TGFÎ² Signaling Proteins and C/EBP Controls Basal and Tat-Mediated Transcription of HIV-1 LTR in Astrocytes. Virology, 2002, 299, 240-247.	2.4	45
26	Role of Hexokinase-1 in the survival of HIV-1-infected macrophages. Cell Cycle, 2015, 14, 980-989.	2.6	45
27	Alterations of DNA damage repair pathways resulting from JCV infection. Virology, 2007, 364, 73-86.	2.4	42
28	Association of PurÎ± with RNAs Homologous to 7 SL Determines Its Binding Ability to the Myelin Basic Protein Promoter DNA Sequence. Journal of Biological Chemistry, 1998, 273, 22241-22247.	3.4	41
29	Effect of HIV-1 Vpr on Cell Cycle Regulators. DNA and Cell Biology, 2004, 23, 249-260.	1.9	41
30	Functional interaction between cyclin T1/cdk9 and PurÎ± determines the level of TNFÎ± promoter activation by Tat in glial cells. Journal of Neuroimmunology, 2001, 121, 3-11.	2.3	40
31	Regulation of MCP-1 gene transcription by Smads and HIV-1 Tat in human glial cells. Virology, 2003, 309, 196-202.	2.4	40
32	Interaction of YB-1 with human immunodeficiency virus type 1 Tat and TAR RNA modulates viral promoter activity. Journal of General Virology, 1999, 80, 2629-2638.	2.9	40
33	Neuroprotective Effects of IGF-I against TNFÎ±-Induced Neuronal Damage in HIV-Associated Dementia. Virology, 2003, 305, 66-76.	2.4	39
34	HIV-1 Vpr deregulates calcium secretion in neural cells. Brain Research, 2009, 1275, 81-86.	2.2	38
35	MyEF-3, a Developmentally Controlled Brain-Derived Nuclear Protein Which Specifically Interacts with Myelin Basic Protein Proximal Regulatory Sequences. Biochemical and Biophysical Research Communications, 1998, 243, 295-301.	2.1	37
36	Tat-Induced Deregulation of Neuronal Differentiation and Survival by Nerve Growth Factor Pathway. Journal of NeuroVirology, 2002, 8, 91-96.	2.1	35

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37	HIV-1 Tat Elongates the G1 Phase and Indirectly Promotes HIV-1 Gene Expression in Cells of Glial Origin. Journal of Biological Chemistry, 1998, 273, 8130-8136.	3.4	34
38	Transdominant Activity of Human Immunodeficiency Virus Type 1 Vpr with a Mutation at Residue R73. Journal of Virology, 2000, 74, 4877-4881.	3.4	34
39	Evidence for Regulation of Long Terminal Repeat Transcription by Wnt Transcription Factor TCF-4 in Human Astrocytic Cells. Journal of Virology, 2002, 76, 11159-11165.	3.4	34
40	HIV-1 Tat increases cell survival in response to cisplatin by stimulating Rad51 gene expression. Oncogene, 2004, 23, 2664-2671.	5.9	34
41	JC Virus Agnoprotein Inhibits In Vitro Differentiation of Oligodendrocytes and Promotes Apoptosis. Journal of Virology, 2008, 82, 1558-1569.	3.4	34
42	HIV-1 Tat and Cocaine Impair Survival of Cultured Primary Neuronal Cells via a Mitochondrial Pathway. Journal of NeuroImmune Pharmacology, 2016, 11, 358-368.	4.1	34
43	Human polyomavirus JCV late leader peptide region contains important regulatory elements. Virology, 2006, 349, 66-78.	2.4	33
44	Regulation of the HIV-1 promoter by HIF-1Î± and Vpr proteins. Virology Journal, 2011, 8, 477.	3.4	32
45	T-CELL AND NEURONAL APOPTOSIS IN HIV INFECTION: IMPLICATIONS FOR THERAPEUTIC INTERVENTION. International Reviews of Immunology, 2004, 23, 25-59.	3.3	31
46	Evidence for Involvement of Transforming Growth Factor Î²1 Signaling Pathway in Activation of JC Virus in Human Immunodeficiency Virus 1â€“Associated Progressive Multifocal Leukoencephalopathy. Archives of Pathology and Laboratory Medicine, 2004, 128, 282-291.	2.5	31
47	Interplay between cdk9 and NF-Î°B factors determines the level of HIV-1 gene transcription in astrocytic cells. Oncogene, 2002, 21, 5797-5803.	5.9	30
48	Human immunodeficiency virus type 1 Tat prevents dephosphorylation of Sp1 by TCF-4 in astrocytes. Journal of General Virology, 2006, 87, 1613-1623.	2.9	29
49	Association of p65 and C/EBPÎ² with HIV-1 LTR modulates transcription of the viral promoter. Journal of Cellular Biochemistry, 2007, 100, 1210-1216.	2.6	29
50	Insulinâ€‐like growth factorâ€‐â€“forkhead box O transcription factor 3a counteracts high glucose/tumor necrosis factorâ€Î±â€mediated neuronal damage: Implications for human immunodeficiency virus encephalitis. Journal of Neuroscience Research, 2011, 89, 183-198.	2.9	29
51	Identification of a cellular protein that binds to tat-responsive element of TGFÎ²-1 promoter in glial cells. Journal of Cellular Biochemistry, 1997, 67, 466-477.	2.6	28
52	Identification of a novel protein from glial cells based on its ability to interact with NF-?B subunitsr. Journal of Cellular Biochemistry, 2003, 90, 884-891.	2.6	27
53	p73 Interacts with Human Immunodeficiency Virus Type 1 Tat in Astrocytic Cells and Prevents Its Acetylation on Lysine 28. Molecular and Cellular Biology, 2005, 25, 8126-8138.	2.3	27
54	Evidence for inhibition of MyEF-2 binding to MBP promoter by MEF-1/Pur Î±. Journal of Cellular Biochemistry, 1997, 66, 524-531.	2.6	26

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55	Cell Cycle Regulation of NF-Î¹B-Binding Activity in Cells from Human Glioblastomas. Experimental Cell Research, 2001, 265, 221-233.	2.6	26
56	JCV agnoproteinâ€induced reduction in CXCL5/LIX secretion by oligodendrocytes is associated with activation of apoptotic signaling in neurons. Journal of Cellular Physiology, 2012, 227, 3119-3127.	4.1	26
57	Evidence for phosphatase activity of p27SJ and its impact on the cell cycle. Journal of Cellular Biochemistry, 2009, 107, 400-407.	2.6	25
58	Dysregulation of Neuronal Cholesterol Homeostasis upon Exposure to HIV-1 Tat and Cocaine Revealed by RNA-Sequencing. Scientific Reports, 2018, 8, 16300.	3.3	25
59	The Role of Vpr in the Regulation of HIV-1 Gene Expression. Cell Cycle, 2006, 5, 2626-2638.	2.6	23
60	Cross-Interaction between JC Virus Agnoprotein and Human Immunodeficiency Virus Type 1 (HIV-1) Tat Modulates Transcription of the HIV-1 Long Terminal Repeat in Glial Cells. Journal of Virology, 2006, 80, 9288-9299.	3.4	23
61	Involvement of Î±1Î²1 integrin in insulin-like growth factor-1-mediated protection of PC12 neuronal processes from tumor necrosis factor-Î±-induced injury. Journal of Neuroscience Research, 2006, 83, 7-18.	2.9	22
62	Involvement of the p53 and p73 transcription factors in neuroAIDS. Cell Cycle, 2008, 7, 2682-2690.	2.6	22
63	Cross talk between growth factors and viral and cellular factors alters neuronal signaling pathways: Implication for HIV-associated dementia. Brain Research Reviews, 2005, 50, 114-125.	9.0	20
64	Evidence for Activation of the TGF-Î²1 Promoter by C/EBPÎ² and Its Modulation by Smads. Journal of Interferon and Cytokine Research, 2009, 29, 1-8.	1.2	20
65	HIV-Tat promotes cellular proliferation and inhibits NGF-induced differentiation through mechanisms involving Id1 regulation. Oncogene, 2004, 23, 7701-7711.	5.9	19
66	Cooperativity between Rad51 and C/EBP family transcription factors modulates basal and Tat-induced activation of the HIV-1 LTR in astrocytes. Journal of Cellular Physiology, 2006, 207, 605-613.	4.1	19
67	HIVâ€1 Tat inhibits NGFâ€induced Egrâ€1 transcriptional activity and consequent p35 expression in neural cells. Journal of Cellular Physiology, 2008, 216, 128-134.	4.1	19
68	Creation of a bi-directional protein transduction system for suppression of HIV-1 expression by p27SJ. Antiviral Research, 2008, 79, 136-141.	4.1	19
69	IGF-IR in neuroprotection and brain tumors. Frontiers in Bioscience - Landmark, 2009, Volume, 352.	3.0	19
70	Negative Regulation of AÎ²PP Gene Expression by Pur-alpha. Journal of Alzheimer's Disease, 2008, 15, 71-82.	2.6	18
71	St. John's Wort protein, p27SJ, regulates the MCP-1 promoter. Molecular Immunology, 2008, 45, 4028-4035.	2.2	17
72	C/EBPÎ² regulates human immunodeficiency virus 1 gene expression through its association with cdk9. Journal of General Virology, 2007, 88, 631-640.	2.9	17

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73	MH2 domain of Smad3 reduces HIV-1 Tat-induction of cytokine secretion. Journal of Neuroimmunology, 2006, 176, 174-180.	2.3	16
74	Suppression of HIVâ€1 transcriptional elongation by a DING phosphatase. Journal of Cellular Biochemistry, 2011, 112, 225-232.	2.6	16
75	Neuroprotective Activity of p<scp>DING</scp> in Response to <scp>HIV</scp>â€1 Tat. Journal of Cellular Physiology, 2014, 229, 153-161.	4.1	16
76	Evidence for the involvement of purÎ± in response to DNA replication stress. Cancer Biology and Therapy, 2007, 6, 596-602.	3.4	15
77	Evidence for involvement of NFBP in processing of ribosomal RNA. Journal of Cellular Physiology, 2008, 214, 381-388.	4.1	15
78	Interaction between serine phosphorylated IRS-1 and Î²1-integrin affects the stability of neuronal processes. Journal of Neuroscience Research, 2007, 85, 2360-2373.	2.9	14
79	Association of JC Virus Large T Antigen with Myelin Basic Protein Transcription Factor (MEF-1/PurÎ±) in Hypomyelinated Brains of Mice Transgenically Expressing T Antigen. Journal of Virology, 1999, 73, 6076-6084.	3.4	14
80	Interplay between NFBP and NF-ÎºB modulates tat activation of the LTR. Journal of Cellular Physiology, 2005, 204, 375-380.	4.1	13
81	PurÎ± as a cellular coâ€factor of Rev/RREâ€mediated expression of HIVâ€1 intronâ€containing mRNA. Journal of Cellular Biochemistry, 2008, 103, 1231-1245.	2.6	13
82	p38SJ, a novel DINGG protein protects neuronal cells from alcohol induced injury and death. Journal of Cellular Physiology, 2009, 221, 499-504.	4.1	13
83	Ancestral mutations as a tool for solubilizing proteins: The case of a hydrophobic phosphateâ€binding protein. FEBS Open Bio, 2014, 4, 121-127.	2.3	13
84	Role of PurÎ± in the cellular response to ultraviolet-C radiation. Cell Cycle, 2010, 9, 4164-4173.	2.6	12
85	Growth inhibition of malignant glioblastoma by DING protein. Journal of Neuro-Oncology, 2012, 107, 247-256.	2.9	12
86	Role of Puralpha in the modulation of homologous recombination-directed DNA repair by HIV-1 Tat. Anticancer Research, 2008, 28, 1441-7.	1.1	12
87	Dysregulation of NGF-signaling and Egr-1 expression by Tat in neuronal cell culture. Journal of Cellular Physiology, 2006, 208, 506-515.	4.1	11
88	Regulation of mouse myelin basic protein gene transcription by a sequence-specific single-stranded DNA-binding protein in vitro. Gene, 1995, 154, 215-218.	2.2	10
89	Regulation of Pur? gene transcription: Evidence for autoregulation of Pur? promoter. Journal of Cellular Physiology, 2001, 186, 406-413.	4.1	10
90	Development of a bidirectional caspase-3 expression system for the induction of apoptosis. Cancer Biology and Therapy, 2008, 7, 945-954.	3.4	10

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91	Activation of HIV-1 LTR by Rad51 in microglial cells. Cell Cycle, 2010, 9, 3739-3746.	2.6	10
92	Interplay of Rad51 with NF-Î²B Pathway Stimulates Expression of HIV-1. PLoS ONE, 2014, 9, e98304.	2.5	10
93	Non-Metabolic Role of PKM2 in Regulation of the HIV-1 LTR. Journal of Cellular Physiology, 2017, 232, 517-525.	4.1	10
94	DING Proteins from Phylogenetically Different Species Share High Degrees of Sequence and Structure Homology and Block Transcription of HIV-1 LTR Promoter. PLoS ONE, 2013, 8, e69623.	2.5	10
95	Interaction between the pura and E2F-1 transcription factors. Anticancer Research, 2004, 24, 2585-94.	1.1	10
96	Perturbation of synapsins homeostasis through HIV-1 Tat-mediated suppression of BAG3 in primary neuronal cells. Cell Death and Disease, 2019, 10, 473.	6.3	8
97	HIV-1 and HIV-1-Tat Induce Mitochondrial DNA Damage in Human Neurons. Journal of HIV and AIDS, 2020, 6, .	0.1	8
98	Involvement of IRSâ€1 Interaction With ADAM10 in the Regulation of Neurite Extension. Journal of Cellular Physiology, 2014, 229, 1039-1046.	4.1	6
99	Soluble factors secreted by activated T-lymphocytes modulate the transcription of the immunosuppressive cytokine TGF-Î²2 in glial cells. , 1996, 62, 342-355.		5
100	The transcription factor E2F-1 modulates TGF-Î²1 RNA expression in glial cells. Oncogene, 1997, 14, 2959-2969.	5.9	5
101	Fetal Brain Injury Models of Fetal Alcohol Syndrome: Examination of Neuronal Morphologic Condition Using Sholl Assay. Methods in Molecular Biology, 2021, 2311, 195-201.	0.9	3
102	Cross-talk between lipid homeostasis and endoplasmic reticulum stress in neurodegeneration: Insights for HIV-1 associated neurocognitive disorders (HAND). Neurochemistry International, 2020, 141, 104880.	3.8	2
103	Role of JCV agnoprotein in DNA repair. Journal of NeuroVirology, 2004, 10, 34-34.	2.1	1
104	Isolation of Primary Human and Rodent Brain Microvascular Endothelial Cells: Culturing, Characterization, and High-Efficiency Transfection. Methods in Molecular Biology, 2021, 2311, 185-193.	0.9	1
105	Identification of a cellular protein that binds to tat-responsive element of TGFÎ²-1 promoter in glial cells. , 1997, 67, 466.		1
106	DING Protein Inhibits Transcription of HIV-1 Gene through Suppression of Phosphorylation of NF-Î²B p65. Journal of HIV and AIDS, 2020, 6, .	0.1	0