

Christopher Power

List of Publications by Year in descending order

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235
papers

17,204
citations

16791

66
h-index

19470

122
g-index

240
all docs

240
docs citations

240
times ranked

17903
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalloproteinases in biology and pathology of the nervous system. <i>Nature Reviews Neuroscience</i> , 2001, 2, 502-511.	4.9	946
2	Matrix Metalloproteinase Activity Inactivates the CXC Chemokine Stromal Cell-derived Factor-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 43503-43508.	1.6	576
3	Induction of monocyte chemoattractant protein-1 in HIV-1 Tat-stimulated astrocytes and elevation in AIDS dementia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 3117-3121.	3.3	552
4	Inflammasomes in the CNS. <i>Nature Reviews Neuroscience</i> , 2014, 15, 84-97.	4.9	537
5	The promise of minocycline in neurology. <i>Lancet Neurology</i> , The, 2004, 3, 744-751.	4.9	465
6	Intracerebral cytokine messenger RNA expression in acquired immunodeficiency syndrome dementia. <i>Annals of Neurology</i> , 1993, 33, 576-582.	2.8	444
7	Caspase-1 inhibition prevents glial inflammasome activation and pyroptosis in models of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6065-E6074.	3.3	346
8	Cerebral white matter changes in acquired immunodeficiency syndrome dementia: Alterations of the blood-brain barrier. <i>Annals of Neurology</i> , 1993, 34, 339-350.	2.8	345
9	Human endogenous retrovirus glycoprotein α mediated induction of redox reactants causes oligodendrocyte death and demyelination. <i>Nature Neuroscience</i> , 2004, 7, 1088-1095.	7.1	343
10	Intracerebral hemorrhage induces macrophage activation and matrix metalloproteinases. <i>Annals of Neurology</i> , 2003, 53, 731-742.	2.8	334
11	HIV Dementia Scale: A Rapid Screening Test. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1995, 8, 273-278.	0.3	302
12	A1 Adenosine Receptor Upregulation and Activation Attenuates Neuroinflammation and Demyelination in a Model of Multiple Sclerosis. <i>Journal of Neuroscience</i> , 2004, 24, 1521-1529.	1.7	297
13	HIV-induced metalloproteinase processing of the chemokine stromal cell derived factor-1 causes neurodegeneration. <i>Nature Neuroscience</i> , 2003, 6, 1064-1071.	7.1	295
14	Demented and nondemented patients with AIDS differ in brain-derived human immunodeficiency virus type 1 envelope sequences. <i>Journal of Virology</i> , 1994, 68, 4643-4649.	1.5	268
15	Zika virus inhibits type α interferon production and downstream signaling. <i>EMBO Reports</i> , 2016, 17, 1766-1775.	2.0	252
16	Interleukin-1 β promotes oligodendrocyte death through glutamate excitotoxicity. <i>Annals of Neurology</i> , 2003, 53, 588-595.	2.8	228
17	The Tat Protein of HIV-1 Induces Tumor Necrosis Factor- α Production. <i>Journal of Biological Chemistry</i> , 1997, 272, 22385-22388.	1.6	208
18	Fiery Cell Death: Pyroptosis in the Central Nervous System. <i>Trends in Neurosciences</i> , 2020, 43, 55-73.	4.2	205

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19	Impaired neurosteroid synthesis in multiple sclerosis. <i>Brain</i> , 2011, 134, 2703-2721.	3.7	192
20	Neurologic disease burden in treated HIV/AIDS predicts survival. <i>Neurology</i> , 2010, 75, 1150-1158.	1.5	189
21	Monocyte activation and differentiation augment human endogenous retrovirus expression: Implications for inflammatory brain diseases. <i>Annals of Neurology</i> , 2001, 50, 434-442.	2.8	186
22	Rapid inflammasome activation in microglia contributes to brain disease in HIV/AIDS. <i>Retrovirology</i> , 2014, 11, 35.	0.9	180
23	Neuronal Death Induced by Brain-Derived Human Immunodeficiency Virus Type 1 Envelope Genes Differs between Demented and Nondemented AIDS Patients. <i>Journal of Virology</i> , 1998, 72, 9045-9053.	1.5	170
24	Human immunodeficiency virus type 1 Nef protein mediates neural cell death: a neurotoxic role for IP-10. <i>Virology</i> , 2004, 329, 302-318.	1.1	158
25	Antisense Oligodeoxynucleotide Inhibition of Tumor Necrosis Factor- α Expression Is Neuroprotective After Intracerebral Hemorrhage. <i>Stroke</i> , 2001, 32, 240-248.	1.0	146
26	Proteinase-activated receptor 2 modulates neuroinflammation in experimental autoimmune encephalomyelitis and multiple sclerosis. <i>Journal of Experimental Medicine</i> , 2006, 203, 425-435.	4.2	145
27	Parkinsonism with HIV infection. <i>Movement Disorders</i> , 1998, 13, 684-689.	2.2	143
28	Autopsy Study of HIV-1 "Positive and HIV-1 "Negative Adult Medical Patients in Nairobi, Kenya. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2000, 24, 23-29.	0.9	141
29	Adenosine A2A receptor activation reduces proinflammatory events and decreases cell death following intracerebral hemorrhage. <i>Annals of Neurology</i> , 2001, 49, 727-735.	2.8	138
30	Cytomegalovirus and Rasmussen's encephalitis. <i>Lancet</i> , The, 1990, 336, 1282-1284.	6.3	136
31	Inflammasomes in neurological diseases: emerging pathogenic and therapeutic concepts. <i>Brain</i> , 2017, 140, 2273-2285.	3.7	134
32	Sensory neuropathy in human immunodeficiency virus/acquired immunodeficiency syndrome patients: Protease inhibitor "mediated neurotoxicity. <i>Annals of Neurology</i> , 2006, 59, 816-824.	2.8	131
33	HIV Infection of the Central Nervous System: Clinical Features and Neuropathogenesis. <i>Neurologic Clinics</i> , 2008, 26, 799-819.	0.8	127
34	Brain Microbial Populations in HIV/AIDS: α -Proteobacteria Predominate Independent of Host Immune Status. <i>PLoS ONE</i> , 2013, 8, e54673.	1.1	127
35	A model of human immunodeficiency virus encephalitis in scid mice.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 8658-8662.	3.3	126
36	HIV-1 Vpr Causes Neuronal Apoptosis and In Vivo Neurodegeneration. <i>Journal of Neuroscience</i> , 2007, 27, 3703-3711.	1.7	126

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37	HIV-1 Tat neurotoxicity is prevented by matrix metalloproteinase inhibitors. <i>Annals of Neurology</i> , 2001, 49, 230-241.	2.8	125
38	Neuroinflammation and Endoplasmic Reticulum Stress Are Coregulated by Crocin To Prevent Demyelination and Neurodegeneration. <i>Journal of Immunology</i> , 2011, 187, 4788-4799.	0.4	125
39	Proteinase-activated receptors in the nervous system. <i>Nature Reviews Neuroscience</i> , 2003, 4, 981-990.	4.9	123
40	The Human Endogenous Retrovirus Envelope Glycoprotein, Syncytin-1, Regulates Neuroinflammation and Its Receptor Expression in Multiple Sclerosis: A Role for Endoplasmic Reticulum Chaperones in Astrocytes. <i>Journal of Immunology</i> , 2007, 179, 1210-1224.	0.4	123
41	Up-Regulation of Proteinase-Activated Receptor 1 Expression in Astrocytes During HIV Encephalitis. <i>Journal of Immunology</i> , 2003, 170, 2638-2646.	0.4	115
42	Aboriginals with multiple sclerosis. <i>Neurology</i> , 2001, 56, 317-323.	1.5	109
43	West Nile Virus-Induced Neuroinflammation: Glial Infection and Capsid Protein-Mediated Neurovirulence. <i>Journal of Virology</i> , 2007, 81, 10933-10949.	1.5	105
44	AIDS- and non-AIDS-related PML association with distinct p53 polymorphism. <i>Neurology</i> , 2000, 54, 743-743.	1.5	102
45	Human endogenous retroviruses and multiple sclerosis: Innocent bystanders or disease determinants?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 162-176.	1.8	101
46	Acute and chronic neurological disorders in COVID-19: potential mechanisms of disease. <i>Brain</i> , 2021, 144, 3576-3588.	3.7	101
47	Lentivirus Infection in the Brain Induces Matrix Metalloproteinase Expression: Role of Envelope Diversity. <i>Journal of Virology</i> , 2000, 74, 7211-7220.	1.5	98
48	Diminished adenosine A1 receptor expression on macrophages in brain and blood of patients with multiple sclerosis. <i>Annals of Neurology</i> , 2001, 49, 650-658.	2.8	98
49	Proteolytic processing of SDF-1 α reveals a change in receptor specificity mediating HIV-associated neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19182-19187.	3.3	97
50	HIV-1 Viral Protein R Activates NLRP3 Inflammasome in Microglia: implications for HIV-1 Associated Neuroinflammation. <i>Journal of Neuroimmune Pharmacology</i> , 2017, 12, 233-248.	2.1	97
51	Zika Virus Hijacks Stress Granule Proteins and Modulates the Host Stress Response. <i>Journal of Virology</i> , 2017, 91, .	1.5	96
52	Acute Disseminated Encephalomyelitis: Clinical and Pathogenesis Features. <i>Neurologic Clinics</i> , 2008, 26, 759-780.	0.8	95
53	MicroRNA-142 regulates inflammation and T cell differentiation in an animal model of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2017, 14, 55.	3.1	95
54	Proteinase-Activated Receptor-2 Induction by Neuroinflammation Prevents Neuronal Death during HIV Infection. <i>Journal of Immunology</i> , 2005, 174, 7320-7329.	0.4	92

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55	Deciphering complex mechanisms in neurodegenerative diseases: the advent of systems biology. Trends in Neurosciences, 2009, 32, 88-100.	4.2	92
56	HIV-1 Associated Dementia: Clinical Features and Pathogenesis. Canadian Journal of Neurological Sciences, 1995, 22, 92-100.	0.3	91
57	Cadmium-induced IL-6 and IL-8 expression and release from astrocytes are mediated by MAPK and NF- κ B pathways. NeuroToxicology, 2017, 60, 82-91.	1.4	90
58	Malat1 long noncoding RNA regulates inflammation and leukocyte differentiation in experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2019, 328, 50-59.	1.1	90
59	Neurologic immune reconstitution inflammatory syndrome in HIV/AIDS. Neurology, 2009, 72, 835-841.	1.5	87
60	Regulation of neural cell survival by HIV-1 infection. Neurobiology of Disease, 2006, 21, 1-17.	2.1	85
61	Brain microbiota disruption within inflammatory demyelinating lesions in multiple sclerosis. Scientific Reports, 2016, 6, 37344.	1.6	85
62	Neurocognitive screening tools in HIV/AIDS: comparative performance among patients exposed to antiretroviral therapy. HIV Medicine, 2009, 10, 246-252.	1.0	80
63	Metabolomic profiling in multiple sclerosis: insights into biomarkers and pathogenesis. Multiple Sclerosis Journal, 2014, 20, 1396-1400.	1.4	80
64	HIV-1 Tat Molecular Diversity and Induction of TNF- α : Implications for HIV-Induced Neurological Disease. NeuroImmunoModulation, 1998, 5, 184-192.	0.9	79
65	MicroRNA profiling reveals new aspects of HIV neurodegeneration: caspase-6 regulates astrocyte survival. FASEB Journal, 2010, 24, 1799-1812.	0.2	79
66	V3 Recombinants Indicate a Central Role for CCR5 as a Coreceptor in Tissue Infection by Human Immunodeficiency Virus Type 1. Journal of Virology, 1999, 73, 2350-2358.	1.5	75
67	Remission of Progressive Multifocal Leukoencephalopathy Following Splenectomy and Antiretroviral Therapy in a Patient with HIV Infection. New England Journal of Medicine, 1997, 336, 661-662.	13.9	71
68	Allopregnanolone and neuroinflammation: a focus on multiple sclerosis. Frontiers in Cellular Neuroscience, 2014, 8, 134.	1.8	71
69	Distinct HIV-1 env Sequences Are Associated with Neurotropism and Neurovirulence. Current Topics in Microbiology and Immunology, 1995, 202, 89-104.	0.7	69
70	Fatigue in HIV/AIDS is Associated With Depression and Subjective Neurocognitive Complaints but not Neuropsychological Functioning. Journal of Clinical and Experimental Neuropsychology, 2003, 25, 201-215.	0.8	67
71	Hepatitis C Virus Core Protein Induces Neuroimmune Activation and Potentiates Human Immunodeficiency Virus-1 Neurotoxicity. PLoS ONE, 2010, 5, e12856.	1.1	66
72	Insulin Treatment Prevents Neuroinflammation and Neuronal Injury with Restored Neurobehavioral Function in Models of HIV/AIDS Neurodegeneration. Journal of Neuroscience, 2016, 36, 10683-10695.	1.7	66

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73	MicroRNAs upregulated during HIV infection target peroxisome biogenesis factors: Implications for virus biology, disease mechanisms and neuropathology. <i>PLoS Pathogens</i> , 2017, 13, e1006360.	2.1	65
74	Dysregulation of adenosine A1 receptor-mediated cytokine expression in peripheral blood mononuclear cells from multiple sclerosis patients. <i>Annals of Neurology</i> , 1999, 45, 633-639.	2.8	62
75	Neurovirulence in Feline Immunodeficiency Virus-Infected Neonatal Cats Is Viral Strain Specific and Dependent on Systemic Immune Suppression. <i>Journal of Virology</i> , 1998, 72, 9109-9115.	1.5	62
76	Paroxysmal dyskinesias in patients with HIV infection. <i>Neurology</i> , 1999, 52, 109-109.	1.5	61
77	Peripheral nerve-derived HIV-1 is predominantly CCR5-dependent and causes neuronal degeneration and neuroinflammation. <i>Virology</i> , 2005, 334, 178-193.	1.1	61
78	Predictors of symptomatic HIV-associated neurocognitive disorders in universal health care. <i>HIV Medicine</i> , 2013, 14, 99-107.	1.0	61
79	Growth hormone prevents human immunodeficiency virus-induced neuronal p53 expression. <i>Annals of Neurology</i> , 2003, 54, 605-614.	2.8	60
80	MicroRNA-181 Variants Regulate T Cell Phenotype in the Context of Autoimmune Neuroinflammation. <i>Frontiers in Immunology</i> , 2017, 8, 758.	2.2	60
81	HIV-1 viral protein R causes peripheral nervous system injury associated with <i>in vivo</i> neuropathic pain. <i>FASEB Journal</i> , 2010, 24, 4343-4353.	0.2	59
82	Lentiviral Neuropathogenesis: Comparative Neuroinvasion, Neurotropism, Neurovirulence, and Host Neurosusceptibility. <i>Journal of Virology</i> , 2002, 76, 7923-7931.	1.5	58
83	Undetectable Cerebrospinal Fluid HIV RNA and Î²-2 Microglobulin Do Not Indicate Inactive AIDS Dementia Complex in Highly Active Antiretroviral Therapy-Treated Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2005, 39, 426-429.	0.9	58
84	Comparative Expression of Human Endogenous Retrovirus-W Genes in Multiple Sclerosis. <i>AIDS Research and Human Retroviruses</i> , 2007, 23, 1251-1256.	0.5	58
85	Early Life Exposure to Lipopolysaccharide Suppresses Experimental Autoimmune Encephalomyelitis by Promoting Tolerogenic Dendritic Cells and Regulatory T Cells. <i>Journal of Immunology</i> , 2009, 183, 298-309.	0.4	58
86	Infrequent detection of human herpesvirus 6 DNA in peripheral blood mononuclear cells from multiple sclerosis patients. <i>Annals of Neurology</i> , 1998, 44, 391-394.	2.8	57
87	Host MicroRNAs-221 and -222 Inhibit HIV-1 Entry in Macrophages by Targeting the CD4 Viral Receptor. <i>Cell Reports</i> , 2017, 21, 141-153.	2.9	57
88	Reduced antiretroviral drug efficacy and concentration in HIV-infected microglia contributes to viral persistence in brain. <i>Retrovirology</i> , 2017, 14, 47.	0.9	57
89	Progress in Clinical Neurosciences: The Neuropathogenesis of HIV Infection: Host-Virus Interaction and the Impact of Therapy. <i>Canadian Journal of Neurological Sciences</i> , 2002, 29, 19-32.	0.3	56
90	Productive Infection of Human Peripheral Blood Mononuclear Cells by Feline Immunodeficiency Virus: Implications for Vector Development. <i>Journal of Virology</i> , 1999, 73, 2491-2498.	1.5	56

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91	Hepatitis C virus co-infection increases neurocognitive impairment severity and risk of death in treated HIV/AIDS. <i>Journal of the Neurological Sciences</i> , 2012, 312, 45-51.	0.3	55
92	Inflammasome induction in Rasmussen's encephalitis: cortical and associated white matter pathogenesis. <i>Journal of Neuroinflammation</i> , 2013, 10, 152.	3.1	55
93	NeuroAIDS: An Evolving Epidemic. <i>Canadian Journal of Neurological Sciences</i> , 2009, 36, 285-295.	0.3	54
94	Feline immunodeficiency virus causes increased glutamate levels and neuronal loss in brain. <i>Neuroscience</i> , 1997, 77, 1175-1185.	1.1	53
95	Proteinase-Activated Receptor-2 Exerts Protective and Pathogenic Cell Type-Specific Effects in Alzheimer's Disease. <i>Journal of Immunology</i> , 2007, 179, 5493-5503.	0.4	53
96	Brain-derived HIV-1 tat sequences from AIDS patients with dementia show increased molecular heterogeneity. <i>Journal of NeuroVirology</i> , 1998, 4, 387-393.	1.0	52
97	Primary Headaches in HIV-Infected Patients. <i>Headache</i> , 1999, 39, 3-10.	1.8	51
98	Bacterial Peptidoglycan as a Driver of Chronic Brain Inflammation. <i>Trends in Molecular Medicine</i> , 2020, 26, 670-682.	3.5	49
99	Human Immunodeficiency Virus Type 1 Envelope-Mediated Neuronal Death: Uncoupling of Viral Replication and Neurotoxicity. <i>Journal of Virology</i> , 2003, 77, 6899-6912.	1.5	48
100	HIV-1 reverse transcriptase sequence in plasma and cerebrospinal fluid of patients with AIDS dementia complex treated with Abacavir. <i>Aids</i> , 2001, 15, 747-751.	1.0	47
101	Peripheral neuropathy in lentivirus infection. <i>Aids</i> , 2004, 18, 1241-1250.	1.0	47
102	Human Fetal Astrocytes Infected with Zika Virus Exhibit Delayed Apoptosis and Resistance to Interferon: Implications for Persistence. <i>Viruses</i> , 2018, 10, 646.	1.5	47
103	Three sample preparation protocols for polymerase chain reaction based detection of <i>Cryptosporidium parvum</i> in environmental samples. <i>Journal of Microbiological Methods</i> , 1999, 35, 65-71.	0.7	46
104	The Impact of Neuropsychological Impairment and Depression on Health-Related Quality of Life in HIV-Infection. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2005, 27, 1-15.	0.8	46
105	Factors in AIDS Dementia Complex Trial Design: Results and Lessons from the Abacavir Trial. <i>PLOS Clinical Trials</i> , 2007, 2, e13.	3.5	46
106	Retroviral diseases of the nervous system: pathogenic host response or viral gene-mediated neurovirulence?. <i>Trends in Neurosciences</i> , 2001, 24, 162-169.	4.2	45
107	Glucocorticoids regulate innate immunity in a model of multiple sclerosis: reciprocal interactions between the A1 adenosine receptor and $I^2\alpha$ arrestin-1 in monocytoïd cells. <i>FASEB Journal</i> , 2008, 22, 786-796.	0.2	45
108	Human immunodeficiency virus type 1 genetic diversity in the nervous system: Evolutionary epiphenomenon or disease determinant?. <i>Journal of NeuroVirology</i> , 2005, 11, 107-128.	1.0	44

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109	Quantitative Analysis of Human Endogenous Retrovirus-Wenvin Neuroinflammatory Diseases. <i>AIDS Research and Human Retroviruses</i> , 2006, 22, 1253-1259.	0.5	44
110	Activation of the executioner caspases-3 and -7 promotes microglial pyroptosis in models of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020, 17, 253.	3.1	44
111	Long-term psychosocial sequelae of chronic physical disorders in childhood. <i>Pediatrics</i> , 1993, 91, 1131-6.	1.0	43
112	HIV-Related Neurological Syndromes Reduce Health-Related Quality of Life. <i>Canadian Journal of Neurological Sciences</i> , 2005, 32, 201-204.	0.3	41
113	Human Endogenous Retrovirus-K(II) Envelope Induction Protects Neurons during HIV/AIDS. <i>PLoS ONE</i> , 2014, 9, e97984.	1.1	41
114	GABA transport and neuroinflammation are coupled in multiple sclerosis: Regulation of the GABA transporter-2 by ganaxolone. <i>Neuroscience</i> , 2014, 273, 24-38.	1.1	41
115	HIV protease inhibitors disrupt astrocytic glutamate transporter function and neurobehavioral performance. <i>Aids</i> , 2016, 30, 543-552.	1.0	41
116	Genetic susceptibility to MS: a second stage analysis in Canadian MS families. <i>Neurogenetics</i> , 2001, 3, 145-151.	0.7	40
117	HIV dementia patients exhibit reduced viral neutralization and increased envelope sequence diversity in blood and brain. <i>Aids</i> , 2002, 16, 1905-1914.	1.0	39
118	Lentivirus Infection Causes Neuroinflammation and Neuronal Injury in Dorsal Root Ganglia: Pathogenic Effects of STAT-1 and Inducible Nitric Oxide Synthase. <i>Journal of Immunology</i> , 2005, 175, 1118-1126.	0.4	39
119	CXCR3 activation by lentivirus infection suppresses neuronal autophagy: neuroprotective effects of antiretroviral therapy. <i>FASEB Journal</i> , 2009, 23, 2928-2941.	0.2	39
120	Neurosteroid-mediated regulation of brain innate immunity in HIV/AIDS: DHEA suppresses neurovirulence. <i>FASEB Journal</i> , 2013, 27, 725-737.	0.2	39
121	RON-regulated innate immunity is protective in an animal model of multiple sclerosis. <i>Annals of Neurology</i> , 2005, 57, 883-895.	2.8	38
122	Plasma microRNA profiling predicts HIV-associated neurocognitive disorder. <i>Aids</i> , 2016, 30, 2021-2031.	1.0	38
123	Diminished adenosine A1 receptor expression on macrophages in brain and blood of patients with multiple sclerosis. <i>Annals of Neurology</i> , 2001, 49, 650-8.	2.8	38
124	Envelope Gene-Mediated Neurovirulence in Feline Immunodeficiency Virus Infection: Induction of Matrix Metalloproteinases and Neuronal Injury. <i>Journal of Virology</i> , 2002, 76, 2622-2633.	1.5	37
125	Didanosine causes sensory neuropathy in an HIV/AIDS animal model: impaired mitochondrial and neurotrophic factor gene expression. <i>Brain</i> , 2007, 130, 2011-2023.	3.7	37
126	Inflammation and epithelial cell injury in AIDS enteropathy: involvement of endoplasmic reticulum stress. <i>FASEB Journal</i> , 2011, 25, 2211-2220.	0.2	37

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127	AIDS dementia complex with generalized myoclonus. <i>Movement Disorders</i> , 1997, 12, 593-597.	2.2	36
128	Suppressed oligodendrocyte steroidogenesis in multiple sclerosis: Implications for regulation of neuroinflammation. <i>Glia</i> , 2017, 65, 1590-1606.	2.5	36
129	HIV and Other Lentiviral Infections Cause Defects in Neutrophil Chemotaxis, Recruitment, and Cell Structure: Immunorestorative Effects of Granulocyte-Macrophage Colony-Stimulating Factor. <i>Journal of Immunology</i> , 2006, 177, 6405-6414.	0.4	35
130	Feline Immunodeficiency Virus Xenoinfection: the Role of Chemokine Receptors and Envelope Diversity. <i>Journal of Virology</i> , 2002, 76, 3626-3636.	1.5	34
131	In Vivo Impairment of Neutrophil Recruitment during Lentivirus Infection. <i>Journal of Immunology</i> , 2003, 171, 4801-4808.	0.4	33
132	Anti-inflammatory role of GM1 and other gangliosides on microglia. <i>Journal of Neuroinflammation</i> , 2022, 19, 9.	3.1	32
133	Rabies viruses infect primary cultures of murine, feline, and human microglia and astrocytes. <i>Archives of Virology</i> , 1997, 142, 1011-1019.	0.9	31
134	Neuroimmune and neurovirological aspects of human immunodeficiency virus infection. <i>Advances in Virus Research</i> , 2001, 56, 389-433.	0.9	31
135	Encephalopathy in Liver Transplantation: Neuropathology and CMV Infection. <i>Canadian Journal of Neurological Sciences</i> , 1990, 17, 378-381.	0.3	30
136	Age- and Disease-Dependent HERV-W Envelope Allelic Variation in Brain: Association with Neuroimmune Gene Expression. <i>PLoS ONE</i> , 2011, 6, e19176.	1.1	30
137	Aberrant cortical neurogenesis in a pediatric neuroAIDS model: neurotrophic effects of growth hormone. <i>Aids</i> , 2005, 19, 1781-1791.	1.0	29
138	Neurobehavioral Performance in Feline Immunodeficiency Virus Infection: Integrated Analysis of Viral Burden, Neuroinflammation, and Neuronal Injury in Cortex. <i>Journal of Neuroscience</i> , 2009, 29, 8429-8437.	1.7	29
139	Neuroinflammation-Induced Interactions between Protease-Activated Receptor 1 and Proprotein Convertases in HIV-Associated Neurocognitive Disorder. <i>Molecular and Cellular Biology</i> , 2015, 35, 3684-3700.	1.1	29
140	HIV-associated sensory polyneuropathy and neuronal injury are associated with miRNA-455-3p induction. <i>JCI Insight</i> , 2018, 3, .	2.3	28
141	Major histocompatibility complex Class I expression in oligodendrocytes induces hypomyelination in transgenic mice. <i>Journal of Neuroscience Research</i> , 1996, 44, 165-173.	1.3	27
142	Human Immunodeficiency Virus Type 1 Clade A and D Neurotropism: Molecular Evolution, Recombination, and Coreceptor Use. <i>Virology</i> , 2001, 283, 19-30.	1.1	27
143	Neurovirulence depends on virus input titer in brain in feline immunodeficiency virus infection: Evidence for activation of innate immunity and neuronal injury. <i>Journal of NeuroVirology</i> , 2002, 8, 420-431.	1.0	27
144	Interactions between human immunodeficiency virus (HIV)-1 Vpr expression and innate immunity influence neurovirulence. <i>Retrovirology</i> , 2011, 8, 44.	0.9	27

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145	Cysteinyl Leukotriene Receptor Antagonists Inhibit Migration, Invasion, and Expression of MMP-2/9 in Human Glioblastoma. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 559-573.	1.7	27
146	RON Receptor Tyrosine Kinase, a Negative Regulator of Inflammation, Inhibits HIV-1 Transcription in Monocytes/Macrophages and Is Decreased in Brain Tissue from Patients with AIDS. <i>Journal of Immunology</i> , 2004, 173, 6864-6872.	0.4	26
147	Proteinase-activated receptor-1 mediates dorsal root ganglion neuronal degeneration in HIV/AIDS. <i>Brain</i> , 2011, 134, 3209-3221.	3.7	26
148	Lifetime antiretroviral exposure and neurocognitive impairment in HIV. <i>Journal of NeuroVirology</i> , 2020, 26, 743-753.	1.0	26
149	Brain-derived human immunodeficiency virus-1 Tat exerts differential effects on LTR transactivation and neuroimmune activation. <i>Journal of NeuroVirology</i> , 2007, 13, 173-184.	1.0	25
150	Impact of current antiretroviral therapies on neuroAIDS. <i>Expert Review of Anti-Infective Therapy</i> , 2011, 9, 371-374.	2.0	25
151	Delineating HIV-Associated Neurocognitive Disorders Using Transgenic Models: The Neuropathogenic Actions of Vpr. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 319-331.	2.1	25
152	Comparative neurovirulence in lentiviral infections: The roles of viral molecular diversity and select proteases. <i>Journal of NeuroVirology</i> , 2004, 10, 113-117.	1.0	24
153	HIV-1 Nef expression in microglia disrupts dopaminergic and immune functions with associated mania-like behaviors. <i>Brain, Behavior, and Immunity</i> , 2014, 40, 74-84.	2.0	24
154	Neurocognitive Symptoms and Impairment in an HIV Community Clinic. <i>Canadian Journal of Neurological Sciences</i> , 2001, 28, 228-231.	0.3	23
155	Fibroblast Growth Factor 2 Enhances Zika Virus Infection in Human Fetal Brain. <i>Journal of Infectious Diseases</i> , 2019, 220, 1377-1387.	1.9	23
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