William R Tyor

List of Publications by Year
in descending order

64 papers	3,871 citations	136740 32 h-index	123241 61 g-index
64 all docs	64 docs citations	64 times ranked	3518 citing authors

#	Article	IF	Citations
1	Cytokine expression in the brain during the acquired immunodeficiency syndrome. Annals of Neurology, 1992, 31, 349-360.	2.8	596
2	Oral simvastatin treatment in relapsing-remitting multiple sclerosis. Lancet, The, 2004, 363, 1607-1608.	6.3	456
3	Intracerebral cytokine messenger RNA expression in acquired immunodeficiency syndrome dememtia. Annals of Neurology, 1993, 33, 576-582.	2.8	444
4	Macrophage responses and myelin clearance during Wallerian degeneration: relevance to immune-mediated demyelination. Journal of Neuroimmunology, 1992, 40, 153-165.	1.1	160
5	The role of antibody in recovery from alphavirus encephalitis. Immunological Reviews, 1997, 159, 155-161.	2.8	114
6	HIV-1 Clade-Specific Differences in the Induction of Neuropathogenesis. Journal of Neuroscience, 2008, 28, 10010-10016.	1.7	107
7	Unifying Hypothesis for the Pathogenesis of HIV-Associated Dementia Complex, Vacuolar Myelopathy, and Sensory Neuropathy. Journal of Acquired Immune Deficiency Syndromes, 1995, 9, 379???388.	0.3	106
8	Update on Disease-Modifying Therapies for Multiple Sclerosis. Journal of Investigative Medicine, 2017, 65, 883-891.	0.7	103
9	CSF Cytokines in Aging, Multiple Sclerosis, and Dementia. Frontiers in Immunology, 2019, 10, 480.	2.2	91
10	Control of astrocytosis by interleukin-1 and transforming growth factor-Î²1 in human brain. Brain Research, 1993, 631, 39-45.	1.1	78
11	Molecular targets of opiate drug abuse in neuro AIDS. Neurotoxicity Research, 2005, 8, 63-80.	1.3	78
12	Macrophage responses in inflammatory demyelinating neuropathies. Annals of Neurology, 1990, 27, S64-S68.	2.8	76
13	Interferon-Î± Causes Neuronal Dysfunction in Encephalitis. Journal of Neuroscience, 2009, 29, 3948-3955.	1.7	74
14	Treatment of spinal cord impact injury in the rat with transforming growth factor-Î². Journal of the Neurological Sciences, 2002, 200, 33-41.	0.3	71
15	Clade C HIV-1 isolates circulating in Southern Africa exhibit a greater frequency of dicysteine motif-containing Tat variants than those in Southeast Asia and cause increased neurovirulence. Retrovirology, 2013, 10, 61.	0.9	63
16	The Janus kinase inhibitor ruxolitinib reduces HIV replication in human macrophages and ameliorates HIV encephalitis in a murine model. Neurobiology of Disease, 2016, 92, 137-143.	2.1	60
17	Increased calpain correlates with Th1 cytokine profile in PBMCs from MS patients. Journal of Neuroimmunology, 2007, 190, 139-145.	1.1	57
18	Gliosis in human brain: relationship to size but not other properties of astrocytes. Brain Research, 1993, 600, 161-165.	1.1	56

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19	Impact of Opiateâ€“HIV-1 Interactions on Neurotoxic Signaling. Journal of NeuroImmune Pharmacology, 2006, 1, 98-105.	2.1	52
20	Upregulation of calpain correlates with increased neurodegeneration in acute experimental auto-immune encephalomyelitis. Journal of Neuroscience Research, 2005, 81, 53-61.	1.3	49
21	Do alcohol and cocaine abuse alter the course of HIV-associated dementia complex?. Journal of Leukocyte Biology, 1999, 65, 475-481.	1.5	48
22	Update on viral encephalitis. Current Opinion in Neurology, 2001, 14, 369-374.	1.8	48
23	Development and Validation of the Rasch-Built Overall Amyotrophic Lateral Sclerosis Disability Scale (ROADS). JAMA Neurology, 2020, 77, 480.	4.5	48
24	Cognitive dysfunction in HIV encephalitic SCID mice correlates with levels of Interferon-Î± in the brain. Aids, 2007, 21, 2151-2159.	1.0	44
25	Interferon-Î± (IFNÎ±) neurotoxicity. Cytokine and Growth Factor Reviews, 2012, 23, 7-14.	3.2	43
26	Aging, comorbidities, and the importance of finding biomarkers for HIV-associated neurocognitive disorders. Journal of NeuroVirology, 2019, 25, 673-685.	1.0	42
27	Interferon beta-1b and childhood multiple sclerosis. Pediatric Neurology, 1999, 21, 481-483.	1.0	40
28	HIV-associated neurocognitive disorders. Neurology: Clinical Practice, 2015, 5, 224-231.	0.8	37
29	Baricitinib reverses HIV-associated neurocognitive disorders in a SCID mouse model and reservoir seeding in vitro. Journal of Neuroinflammation, 2019, 16, 182.	3.1	36
30	CNS Inflammatory Demyelinating Disorders: MS, NMOSD and MOG Antibody Associated Disease. Journal of Investigative Medicine, 2020, 68, 321-330.	0.7	36
31	Highly active antiretroviral therapy and human immunodeficiency virus encephalitis. Annals of Neurology, 2005, 57, 795-803.	2.8	35
32	Regulation of Th1/Th17 cytokines and IDO gene expression by inhibition of calpain in PBMCs from MS patients. Journal of Neuroimmunology, 2011, 232, 179-185.	1.1	35
33	Highly active antiretroviral therapy of cognitive dysfunction and neuronal abnormalities in SCID mice with HIV encephalitis. Experimental Neurology, 2007, 205, 506-512.	2.0	34
34	Effect of HIV clade differences on the onset and severity of HIV-associated neurocognitive disorders. Journal of NeuroVirology, 2013, 19, 515-522.	1.0	34
35	Increased calpain expression in experimental demyelinating optic neuritis: an immunocytochemical study. Brain Research, 1998, 784, 299-304.	1.1	32
36	Virus specificity and isotype expression of intraparenchymal antibody-secreting cells during Sindbis virus encephalitis in mice. Journal of Neuroimmunology, 1993, 48, 37-44.	1.1	29

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37	Peroxisome proliferatorâ€activated receptorâ€Î³ agonists attenuate biofilm formation by Pseudomonas aeruginosa. FASEB Journal, 2017, 31, 3608-3621.	0.2	29
38	The severe combined immunodeficient (SCID) mouse model of human immunodeficiency virus encephalitis: Deficits in cognitive function. Journal of NeuroVirology, 2004, 10, 109-115.	1.0	27
39	Interferon-Î± Induces Neurotoxicity Through Activation of the Type I Receptor and the GluN2A Subunit of the NMDA Receptor. Journal of Interferon and Cytokine Research, 2015, 35, 317-324.	0.5	27
40	In vitro and Ex vivo Neurotoxic Effects of Efavirenz are Greater than Those of Other Common Antiretrovirals. Neurochemical Research, 2017, 42, 3220-3232.	1.6	23
41	Neurosarcoidosis. Current Treatment Options in Neurology, 2007, 9, 161-168.	0.7	22
42	Cerebrospinal fluid interferon alpha levels correlate with neurocognitive impairment in ambulatory HIV-Infected individuals. Journal of NeuroVirology, 2017, 23, 106-112.	1.0	22
43	Mumps and rubella. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 123, 591-600.	1.0	20
44	Long-term intracranial cannula stabilization in mice with light cured resin composites. Journal of Neuroscience Methods, 1998, 79, 31-36.	1.3	19
45	Combined antiretroviral therapy reduces brain viral load and pathological features of HIV encephalitis in a mouse model. Journal of NeuroVirology, 2014, 20, 9-17.	1.0	19
46	Concentration-Dependent Dual Role of Thrombin in Protection of Cultured Rat Cortical Neurons. Neurochemical Research, 2015, 40, 2220-2229.	1.6	19
47	The Characterization of Ia Expression During Sindbis Virus Encephalitis in Normal and Athymic Nude Mice. Journal of Neuropathology and Experimental Neurology, 1990, 49, 21-30.	0.9	16
48	Intra-peritoneal Injection of Polyclonal Anti-Interferon Alpha Antibodies Cross the Blood Brain Barrier and Neutralize Interferon Alpha. Neurochemical Research, 2008, 33, 2281-2287.	1.6	14
49	Linked CSF reduction of phosphorylated tau and IL-8 in HIV associated neurocognitive disorder. Scientific Reports, 2019, 9, 8733.	1.6	14
50	Reversing interferon-alpha neurotoxicity in a HIV-associated neurocognitive disorder mouse model. Aids, 2018, 32, 1403-1411.	1.0	13
51	Transforming Growth Factor-Î²1 in Adult Human Microglia and Its Stimulated Production by Interleukin-1. Journal of Interferon and Cytokine Research, 1997, 17, 655-664.	0.5	12
52	The Recombinant Vaccinia Virus Gene Product, B18R, Neutralizes Interferon Alpha and Alleviates Histopathological Complications in an HIV Encephalitis Mouse Model. Journal of Interferon and Cytokine Research, 2014, 34, 510-517.	0.5	12
53	Potential Relationships Between the Presence of HIV, Macrophages, and Astrogliosis in SCID Mice with HIV Encephalitis. Journal of Neuro-AIDS, 1998, 2, 1-20.	0.2	10
54	A mouse model of HIV-associated neurocognitive disorders: a brain-behavior approach to discover disease mechanisms and novel treatments. Journal of NeuroVirology, 2018, 24, 180-184.	1.0	9

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55	Preliminary study of a novel cognitive assessment device for the evaluation of HIV-associated neurocognitive impairment. Journal of NeuroVirology, 2016, 22, 816-822.	1.0	8
56	Acute multiple sclerosis characterized by extensive mononuclear phagocyte infiltration. Neurochemical Research, 2000, 25, 1517-1520.	1.6	7
57	Neurosarcoidosis. Current Treatment Options in Neurology, 2001, 3, 529-535.	0.7	5
58	Measurement of Human Immunodeficiency Virus p24 Antigen in Human Cerebrospinal Fluid With Digital Enzyme-Linked Immunosorbent Assay and Association With Decreased Neuropsychological Performance. Clinical Infectious Diseases, 2018, 67, 137-140.	2.9	5
59	Morphine Exposure During HIV Encephalitis in SCID Mice. Neurochemical Research, 2012, 37, 2836-2841.	1.6	3
60	Cocaine/Sex Type Effects on T Lymphocytes: A Preliminary Report. Drug and Chemical Toxicology, 1996, 19, 109-119.	1.2	2
61	Novel method to quantify phenotypic markers of HIV-associated neurocognitive disorder in a murine SCID model. Journal of NeuroVirology, 2020, 26, 838-845.	1.0	2
62	Therapeutic options in neurosarcoidosis. Expert Review of Neurotherapeutics, 2002, 2, 703-708.	1.4	0
63	HIV latency reversal research and the potential effects on the central nervous system: is concern warranted?. Journal of the International AIDS Society, 2016, 19, 21008.	1.2	0
64	240 Neurologic complications in children with seizures and respiratory illness: A comparison between SARS-CoV-2 and other respiratory viruses. Journal of Clinical and Translational Science, 2022, 6, 38-39.	0.3	0