

Steven Jacobson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8678047/publications.pdf>

Version: 2024-02-01

191
papers

10,212
citations

25034

57
h-index

42399

92
g-index

193
all docs

193
docs citations

193
times ranked

7004
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating CD8+ cytotoxic T lymphocytes specific for HTLV-I pX in patients with HTLV-I associated neurological disease. <i>Nature</i> , 1990, 348, 245-248.	27.8	634
2	Association of human herpes virus 6 (HHV-6) with multiple sclerosis: Increased IgM response to HHV-6 early antigen and detection of serum HHV-6 DNA. <i>Nature Medicine</i> , 1997, 3, 1394-1397.	30.7	411
3	Classification of HHV-6A and HHV-6B as distinct viruses. <i>Archives of Virology</i> , 2014, 159, 863-870.	2.1	292
4	Isolation of an HTLV-1-like retrovirus from patients with tropical spastic paraparesis. <i>Nature</i> , 1988, 331, 540-543.	27.8	283
5	Correlation of human T-cell lymphotropic virus type 1 (HTLV-1) mRNA with proviral DNA load, virus-specific CD8+ T cells, and disease severity in HTLV-1-associated myelopathy (HAM/TSP). <i>Blood</i> , 2002, 99, 88-94.	1.4	252
6	Comparison of [11C]-(R)-PK 11195 and [11C]PBR28, two radioligands for translocator protein (18 kDa) in human and monkey: Implications for positron emission tomographic imaging of this inflammation biomarker. <i>NeuroImage</i> , 2010, 49, 2924-2932.	4.2	237
7	Persistent 7-tesla phase rim predicts poor outcome in new multiple sclerosis patient lesions. <i>Journal of Clinical Investigation</i> , 2016, 126, 2597-2609.	8.2	212
8	Detection of human T-lymphotropic virus type I (HTLV-I) tax RNA in the central nervous system of HTLV-I-associated myelopathy/tropical spastic paraparesis patients by in situ hybridization. <i>Annals of Neurology</i> , 1995, 37, 167-175.	5.3	174
9	Tissue Distribution and Variant Characterization of Human Herpesvirus (HHV)-6: Increased Prevalence of HHV-6A in Patients with Multiple Sclerosis. <i>Journal of Infectious Diseases</i> , 2000, 182, 1321-1325.	4.0	157
10	Isolation of HTLV-II from a patient with chronic, progressive neurological disease clinically indistinguishable from HTLV-I-associated myelopathy/tropical spastic paraparesis. <i>Annals of Neurology</i> , 1993, 33, 392-396.	5.3	142
11	CD8+ T cells are an in vivo reservoir for human T-cell lymphotropic virus type I. <i>Blood</i> , 2001, 98, 1858-1861.	1.4	141
12	Exosomes in Viral Disease. <i>Neurotherapeutics</i> , 2016, 13, 535-546.	4.4	141
13	Virus-induced dysfunction of CD4+CD25+ T cells in patients with HTLV-1-associated neuroimmunological disease. <i>Journal of Clinical Investigation</i> , 2005, 115, 1361-1368.	8.2	135
14	Human herpesvirus-6 entry into the central nervous system through the olfactory pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13734-13739.	7.1	134
15	Immunopathogenesis of Human T Cell Lymphotropic Virus Type I-Associated Neurologic Disease. <i>Journal of Infectious Diseases</i> , 2002, 186, S187-S192.	4.0	133
16	Immunological findings in neurological diseases associated with antibodies to HTLV-I: Activated lymphocytes in tropical spastic paraparesis. <i>Annals of Neurology</i> , 1988, 23, S196-S200.	5.3	128
17	Increased Activated Human T Cell Lymphotropic Virus Type I (HTLV-I) Tax1-Specific Memory and Effector CD8+ Cells in Patients with HTLV-I-Associated Myelopathy/Tropical Spastic Paraparesis: Correlation with HTLV-I Provirus Load. <i>Journal of Infectious Diseases</i> , 2001, 183, 197-205.	4.0	128
18	Increased HTLV-I proviral load and preferential expansion of HTLV-I tax-specific CD8+ T cells in cerebrospinal fluid from patients with HAM/TSP. <i>Annals of Neurology</i> , 2001, 50, 807-812.	5.3	127

#	ARTICLE	IF	CITATIONS
19	High Frequency of Human Herpesvirus 6 DNA in Multiple Sclerosis Plaques Isolated by Laser Microdissection. <i>Journal of Infectious Diseases</i> , 2003, 187, 1377-1387.	4.0	127
20	Association of Human Herpesvirus-6B with Mesial Temporal Lobe Epilepsy. <i>PLoS Medicine</i> , 2007, 4, e180.	8.4	123
21	Increased lymphoproliferative response to human herpesvirus type 6A variant in multiple sclerosis patients. <i>Annals of Neurology</i> , 2000, 47, 306-313.	5.3	118
22	Reducing the global burden of HTLV-1 infection: An agenda for research and action. <i>Antiviral Research</i> , 2017, 137, 41-48.	4.1	116
23	Kinetics and intracellular compartmentalization of HTLV-1 gene expression: nuclear retention of HBZ mRNAs. <i>Blood</i> , 2011, 117, 4855-4859.	1.4	112
24	Digital droplet PCR (ddPCR) for the precise quantification of human T-lymphotropic virus 1 proviral loads in peripheral blood and cerebrospinal fluid of HAM/TSP patients and identification of viral mutations. <i>Journal of NeuroVirology</i> , 2014, 20, 341-351.	2.1	111
25	Human herpes virus 6B: A possible role in epilepsy?. <i>Epilepsia</i> , 2008, 49, 1828-1837.	5.1	105
26	Human T cell leukemia virus type I and neurologic disease: Events in bone marrow, peripheral blood, and central nervous system during normal immune surveillance and neuroinflammation. <i>Journal of Cellular Physiology</i> , 2002, 190, 133-159.	4.1	104
27	Abnormally High Levels of Virus-Infected IFN- γ +CCR4+CD4+CD25+ T Cells in a Retrovirus-Associated Neuroinflammatory Disorder. <i>PLoS ONE</i> , 2009, 4, e6517.	2.5	104
28	Detection of Active Human Herpesvirus-6 Infection in the Brain: Correlation with Polymerase Chain Reaction Detection in Cerebrospinal Fluid. <i>Journal of Infectious Diseases</i> , 2007, 195, 450-454.	4.0	103
29	Evidence linking HHV-6 with multiple sclerosis: an update. <i>Current Opinion in Virology</i> , 2014, 9, 127-133.	5.4	102
30	HTLV-1 induces a Th1-like state in CD4+CCR4+ T cells. <i>Journal of Clinical Investigation</i> , 2014, 124, 3431-3442.	8.2	100
31	HTLV-I-specific cytotoxic T lymphocytes in the cerebrospinal fluid of patients with HTLV-I-associated neurological disease. <i>Annals of Neurology</i> , 1992, 32, 651-657.	5.3	98
32	Translocator Protein PET Imaging for Glial Activation in Multiple Sclerosis. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 354-361.	4.1	98
33	Inflammatory manifestations of HTLV-1 and their therapeutic options. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 1531-1546.	3.0	98
34	Increased Expression of Human T Lymphocyte Virus Type I (HTLV-I) Tax1-19 Peptide-Human Histocompatibility Leukocyte Antigen A*201 Complexes on CD4+ CD25+T Cells Detected by Peptide-specific, Major Histocompatibility Complex-restricted Antibodies in Patients with HTLV-I-associated Neurologic Disease. <i>Journal of Experimental Medicine</i> , 2004, 199, 1367-1377.	8.5	97
35	Detection of human herpesvirus-6 in cerebrospinal fluid of patients with encephalitis. <i>Annals of Neurology</i> , 2009, 65, 257-267.	5.3	95
36	Review part 2: Human herpesvirus-6 in central nervous system diseases. <i>Journal of Medical Virology</i> , 2010, 82, 1669-1678.	5.0	95

#	ARTICLE	IF	CITATIONS
37	Differential tropism of human herpesvirus 6 (HHV-6) variants and induction of latency by HHV-6A in oligodendrocytes. <i>Journal of NeuroVirology</i> , 2005, 11, 384-394.	2.1	93
38	CSF CXCL10, CXCL9, and Neopterin as Candidate Prognostic Biomarkers for HTLV-1-Associated Myelopathy/Tropical Spastic Paraparesis. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2479.	3.0	91
39	The formation of inflammatory demyelinated lesions in cerebral white matter. <i>Annals of Neurology</i> , 2014, 76, 594-608.	5.3	89
40	Paramagnetic Rim Lesions are Specific to Multiple Sclerosis: An International Multicenter 3T MRI Study. <i>Annals of Neurology</i> , 2020, 88, 1034-1042.	5.3	89
41	Human Herpesvirus 6 Detection in Alzheimer's Disease Cases and Controls across Multiple Cohorts. <i>Neuron</i> , 2020, 105, 1027-1035.e2.	8.1	87
42	HTLV-I associated myelopathy/tropical spastic paraparesis (HAM/TSP): A chronic progressive neurologic disease associated with immunologically mediated damage to the central nervous system. <i>Journal of NeuroVirology</i> , 1997, 3, 126-138.	2.1	85
43	Leptomeningeal gadolinium enhancement across the spectrum of chronic neuroinflammatory diseases. <i>Neurology</i> , 2017, 88, 1439-1444.	1.1	85
44	HTLV-I specific IFN- γ ⁺ CD8 ⁺ lymphocytes correlate with the proviral load in peripheral blood of infected individuals. <i>Journal of Neuroimmunology</i> , 2000, 102, 208-215.	2.3	79
45	Gene Expression Profile of Herpesvirus-Infected T Cells Obtained Using Immunomicroarrays: Induction of Proinflammatory Mechanisms. <i>Journal of Virology</i> , 2001, 75, 11641-11650.	3.4	78
46	Immunologic Analysis of a Spinal Cord Biopsy Specimen from a Patient with Human T-Cell Lymphotropic Virus Type 1-Associated Neurologic Disease. <i>New England Journal of Medicine</i> , 1997, 336, 839-845.	27.0	75
47	Positive feedback loop via astrocytes causes chronic inflammation in virus-associated myelopathy. <i>Brain</i> , 2013, 136, 2876-2887.	7.6	75
48	Foxp3 Represses Retroviral Transcription by Targeting Both NF- κ B and CREB Pathways. <i>PLoS Pathogens</i> , 2006, 2, e33.	4.7	72
49	Neuronal molecular mimicry in immune-mediated neurologic disease. <i>Annals of Neurology</i> , 1998, 44, 87-98.	5.3	70
50	Reduction in HTLV-I proviral load and spontaneous lymphoproliferation in HTLV-I-associated myelopathy/tropical spastic paraparesis patients treated with humanized anti- α c. <i>Annals of Neurology</i> , 1998, 44, 942-947.	5.3	70
51	In vivo quantification of T2 β anisotropy in white matter fibers in marmoset monkeys. <i>NeuroImage</i> , 2012, 59, 979-985.	4.2	70
52	Increased detection of serum HHV-6 DNA sequences during multiple sclerosis (MS) exacerbations and correlation with parameters of MS disease progression. <i>Journal of NeuroVirology</i> , 2002, 8, 250-256.	2.1	69
53	Interferon- γ 1a therapy in human T-lymphotropic virus type I-associated neurologic disease. <i>Annals of Neurology</i> , 2005, 57, 526-534.	5.3	68
54	Reduced Foxp3 Protein Expression Is Associated with Inflammatory Disease during Human T Lymphotropic Virus Type 1 Infection. <i>Journal of Infectious Diseases</i> , 2006, 193, 1557-1566.	4.0	68

#	ARTICLE	IF	CITATIONS
55	CP-690,550, a therapeutic agent, inhibits cytokine-mediated Jak3 activation and proliferation of T cells from patients with ATL and HAM/TSP. <i>Blood</i> , 2011, 117, 1938-1946.	1.4	67
56	In vitro spontaneous lymphoproliferation in patients with human T-cell lymphotropic virus type 1-associated neurologic disease: predominant expansion of CD8+ T cells. <i>Blood</i> , 2001, 98, 1506-1511.	1.4	66
57	Detection of virus-specific T cells and CD8+ T-cell epitopes by acquisition of peptide-HLA-GFP complexes: analysis of T-cell phenotype and function in chronic viral infections. <i>Nature Medicine</i> , 2003, 9, 469-475.	30.7	62
58	HTLV-1 propels untransformed CD4+ lymphocytes into the cell cycle while protecting CD8+ cells from death. <i>Journal of Clinical Investigation</i> , 2006, 116, 974-983.	8.2	61
59	Neuroimmunity of HTLV-I Infection. <i>Journal of NeuroImmune Pharmacology</i> , 2010, 5, 310-325.	4.1	60
60	Neuroaxonal dystrophy in HTLV-1-associated myelopathy/tropical spastic paraparesis: neuropathologic and neuroimmunologic correlations. <i>Acta Neuropathologica</i> , 1993, 86, 224-235.	7.7	58
61	Elevated serum and cerebrospinal fluid levels of soluble human herpesvirus type 6 cellular receptor, membrane cofactor protein, in patients with multiple sclerosis. <i>Annals of Neurology</i> , 2001, 50, 486-493.	5.3	58
62	Treatment of HTLV-I-Associated Myelopathy/Tropical Spastic Paraparesis: Toward Rational Targeted Therapy. <i>Neurologic Clinics</i> , 2008, 26, 781-797.	1.8	58
63	Role of HTLV-1 Tax and HBZ in the Pathogenesis of HAM/TSP. <i>Frontiers in Microbiology</i> , 2017, 8, 2563.	3.5	57
64	Coinfection of Human Herpesviruses 6A (HHV-6A) and HHV-6B as Demonstrated by Novel Digital Droplet PCR Assay. <i>PLoS ONE</i> , 2014, 9, e92328.	2.5	56
65	Increased HTLV Type 1 Tax Specific CD8+Cells in HTLV Type 1-Associated Myelopathy/Tropical Spastic Paraparesis: Correlation with HTLV Type 1 Proviral Load. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1705-1709.	1.1	53
66	Multistability in a Model for CTL Response to HTLV-I Infection and Its Implications to HAM/TSP Development and Prevention. <i>Bulletin of Mathematical Biology</i> , 2010, 72, 681-696.	1.9	53
67	Viruses and Multiple Sclerosis. <i>Viral Immunology</i> , 2000, 13, 255-267.	1.3	52
68	Reactivation of Human Herpesvirus-6 in Natalizumab Treated Multiple Sclerosis Patients. <i>PLoS ONE</i> , 2008, 3, e2028.	2.5	51
69	Human T-Lymphotropic Virus Type 1 (HTLV-1) and Regulatory T Cells in HTLV-1-Associated Neuroinflammatory Disease. <i>Viruses</i> , 2011, 3, 1532-1548.	3.3	51
70	Spatiotemporal distribution of fibrinogen in marmoset and human inflammatory demyelination. <i>Brain</i> , 2018, 141, 1637-1649.	7.6	49
71	GLUT1 Is Not the Primary Binding Receptor but Is Associated with Cell-to-Cell Transmission of Human T-Cell Leukemia Virus Type 1. <i>Journal of Virology</i> , 2007, 81, 1506-1510.	3.4	47
72	Novel Marmoset (<i>Callithrix jacchus</i>) Model of Human Herpesvirus 6A and 6B Infections: Immunologic, Virologic and Radiologic Characterization. <i>PLoS Pathogens</i> , 2013, 9, e1003138.	4.7	47

#	ARTICLE	IF	CITATIONS
73	Conventional magnetic resonance imaging features in patients with tropical spastic paraparesis. <i>Journal of NeuroVirology</i> , 2005, 11, 525-534.	2.1	46
74	Human T Cell Leukemia Virus Type 1 Infection of the Three Monocyte Subsets Contributes to Viral Burden in Humans. <i>Journal of Virology</i> , 2016, 90, 2195-2207.	3.4	46
75	Potential role of iron in repair of inflammatory demyelinating lesions. <i>Journal of Clinical Investigation</i> , 2019, 129, 4365-4376.	8.2	45
76	Quantitative differences in HTLV-I antibody responses: classification and relative risk assessment for asymptomatic carriers and ATL and HAM/TSP patients from Jamaica. <i>Blood</i> , 2012, 119, 2829-2836.	1.4	42
77	Dysregulation of TGF- β 2 signaling and regulatory and effector T-cell function in virus-induced neuroinflammatory disease. <i>Blood</i> , 2008, 111, 5601-5609.	1.4	41
78	Herpesvirus trigger accelerates neuroinflammation in a nonhuman primate model of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11292-11297.	7.1	40
79	SPONTANEOUS LYMPHOCYTE PROLIFERATION IN SYMPTOM-FREE HTLV-I POSITIVE JAMAICANS. <i>Lancet</i> , The, 1989, 334, 923-924.	13.7	39
80	Selected cytotoxic T lymphocytes with high specificity for HTLV-I in cerebrospinal fluid from a HAM/TSP patient. <i>Journal of NeuroVirology</i> , 2002, 8, 53-57.	2.1	38
81	Chimeric peptide vaccine composed of B- and T-cell epitopes of human T-cell leukemia virus type 1 induces humoral and cellular immune responses and reduces the proviral load in immunized squirrel monkeys (<i>Saimiri sciureus</i>). <i>Journal of General Virology</i> , 2006, 87, 1331-1337.	2.9	38
82	Human Herpesvirus 6 (HHV-6) Induces Dysregulation of Glutamate Uptake and Transporter Expression in Astrocytes. <i>Journal of NeuroImmune Pharmacology</i> , 2008, 3, 105-116.	4.1	38
83	Humoral immune response to HTLV-1 basic leucine zipper factor (HBZ) in HTLV-1-infected individuals. <i>Retrovirology</i> , 2013, 10, 19.	2.0	38
84	Viral antigens detectable in CSF exosomes from patients with retrovirus associated neurologic disease: functional role of exosomes. <i>Clinical and Translational Medicine</i> , 2018, 7, 24.	4.0	38
85	Comprehensive Analysis of TCR- β 2 Repertoire in Patients with Neurological Immune-mediated Disorders. <i>Scientific Reports</i> , 2019, 9, 344.	3.3	38
86	Human herpesvirus multiplex ddPCR detection in brain tissue from low- and high-grade astrocytoma cases and controls. <i>Infectious Agents and Cancer</i> , 2016, 11, 32.	2.6	37
87	Co-dependence of HTLV-1 p12 and p8 Functions in Virus Persistence. <i>PLoS Pathogens</i> , 2014, 10, e1004454.	4.7	36
88	Immunopathogenesis of human T cell lymphotropic virus type I-associated myelopathy. <i>Current Opinion in Neurology</i> , 2001, 14, 381-386.	3.6	35
89	Neuroimmunology of Human T-Lymphotropic Virus Type 1-Associated Myelopathy/Tropical Spastic Paraparesis. <i>Frontiers in Microbiology</i> , 2019, 10, 885.	3.5	35
90	In vivo imaging of spinal cord atrophy in neuroinflammatory diseases. <i>Annals of Neurology</i> , 2014, 76, 370-378.	5.3	34

#	ARTICLE	IF	CITATIONS
91	Human Herpesviruses 6A and 6B in Brain Diseases: Association versus Causation. <i>Clinical Microbiology Reviews</i> , 2020, 34, .	13.6	34
92	Cellular Immune Responses to HTLV-I: Immunopathogenic Role in HTLV-I-Associated Neurologic Disease. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996, 13, S100-S106.	0.3	34
93	Retrovirally induced CTL degranulation mediated by IL-15 expression and infection of mononuclear phagocytes in patients with HTLV-I-associated neurologic disease. <i>Blood</i> , 2008, 112, 2400-2410.	1.4	33
94	Translocator Protein 18kDa (TSPO) Expression in Multiple Sclerosis Patients. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 51-57.	4.1	31
95	Intrathecal T-cell clonal expansions in patients with multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 422-433.	3.7	31
96	Imaging spinal cord atrophy in progressive myelopathies: HTLV-I-associated neurological disease (HAM/TSP) and multiple sclerosis (MS). <i>Annals of Neurology</i> , 2017, 82, 719-728.	5.3	30
97	High Expression of CD244 and SAP Regulated CD8+ T Cell Responses of Patients with HTLV-I Associated Neurologic Disease. <i>PLoS Pathogens</i> , 2009, 5, e1000682.	4.7	29
98	Immunophenotypic characterization of CSF B cells in virus-associated neuroinflammatory diseases. <i>PLoS Pathogens</i> , 2018, 14, e1007042.	4.7	29
99	Impaired human leukocyte antigen-restricted measles virus-specific cytotoxic T-cell response in subacute sclerosing panencephalitis. <i>Annals of Neurology</i> , 1989, 25, 272-280.	5.3	28
100	Cytokine Therapies in Neurological Disease. <i>Neurotherapeutics</i> , 2016, 13, 555-561.	4.4	27
101	Detection of HHV-6 and EBV and Cytokine Levels in Saliva From Children With Seizures: Results of a Multi-Center Cross-Sectional Study. <i>Frontiers in Neurology</i> , 2018, 9, 834.	2.4	27
102	Extracellular Vesicles and Ebola Virus: A New Mechanism of Immune Evasion. <i>Viruses</i> , 2019, 11, 410.	3.3	27
103	Perivenular brain lesions in a primate multiple sclerosis model at 7-tesla magnetic resonance imaging. <i>Multiple Sclerosis Journal</i> , 2014, 20, 64-71.	3.0	25
104	Extensive Latent Retroviral Infection in Bone Marrow of Patients With HTLV-I-Associated Neurologic Disease. <i>Blood</i> , 1997, 89, 346-347.	1.4	24
105	Differential HHV-6A gene expression in T cells and primary human astrocytes based on multi-virus array analysis. <i>Glia</i> , 2006, 53, 789-798.	4.9	24
106	Custom fit 3D-printed brain holders for comparison of histology with MRI in marmosets. <i>Journal of Neuroscience Methods</i> , 2016, 257, 55-63.	2.5	24
107	Viral Triggers and Inflammatory Mechanisms in Pediatric Epilepsy. <i>Molecular Neurobiology</i> , 2019, 56, 1897-1907.	4.0	24
108	BK virus-specific T cells for immunotherapy of progressive multifocal leukoencephalopathy: an open-label, single-cohort pilot study. <i>Lancet Neurology</i> , The, 2021, 20, 639-652.	10.2	24

#	ARTICLE	IF	CITATIONS
109	Human herpesvirus 6 and multiple sclerosis: potential mechanisms for virus-induced disease. <i>Herpes: the Journal of the IHMF</i> , 2005, 12, 4-9.	0.3	24
110	Association of Human Herpesvirus-6 and Multiple Sclerosis: Here we Go Again?: Guest Editorial. <i>Journal of NeuroVirology</i> , 1998, 4, 471-473.	2.1	23
111	Efficacy of antiviral compounds in human herpesvirus-6-infected glial cells. <i>Journal of NeuroVirology</i> , 2006, 12, 284-293.	2.1	23
112	Epigenetic Modification of the FoxP3 TSDR in HAM/TSP Decreases the Functional Suppression of Tregs. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 522-532.	4.1	23
113	Utilizing 3D Printing Technology to Merge MRI with Histology: A Protocol for Brain Sectioning. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	23
114	Infection with HHV-6 and its role in epilepsy. <i>Epilepsy Research</i> , 2019, 153, 34-39.	1.6	23
115	Immunovirological markers in HTLV-1-associated myelopathy/tropical spastic paraparesis (HAM/TSP). <i>Retrovirology</i> , 2019, 16, 35.	2.0	23
116	Viruses in chronic progressive neurologic disease. <i>Multiple Sclerosis Journal</i> , 2018, 24, 48-52.	3.0	22
117	Immunopathogenesis of HTLV-I associated neurologic disease: molecular, histopathologic, and immunologic approaches. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 2527.	3.0	21
118	CD46 on glial cells can function as a receptor for viral glycoprotein-mediated cell-cell fusion. <i>Glia</i> , 2005, 52, 252-258.	4.9	21
119	Mechanism of Neuroinflammation: Enhanced Cytotoxicity and IL-17 Production via CD46 Binding. <i>Journal of NeuroImmune Pharmacology</i> , 2010, 5, 469-478.	4.1	20
120	Targeting the Binding Interface on a Shared Receptor Subunit of a Cytokine Family Enables the Inhibition of Multiple Member Cytokines with Selectable Target Spectrum. <i>Journal of Biological Chemistry</i> , 2015, 290, 22338-22351.	3.4	20
121	The "central vein sign" in inflammatory demyelination: The role of fibrillar collagen type I. <i>Annals of Neurology</i> , 2019, 85, 934-942.	5.3	20
122	Minocycline modulates antigen-specific CTL activity through inactivation of mononuclear phagocytes in patients with HTLV-I associated neurologic disease. <i>Retrovirology</i> , 2012, 9, 16.	2.0	19
123	Human Herpesvirus 6 as a Viral Trigger in Mesial Temporal Lobe Epilepsy. <i>Journal of Infectious Diseases</i> , 2015, 212, 1011-1013.	4.0	19
124	Natural History of Viral Markers in Children Infected with Human T Lymphotropic Virus Type I in Jamaica. <i>Journal of Infectious Diseases</i> , 2006, 194, 552-560.	4.0	18
125	Haploinsufficiency of immune checkpoint receptor CTLA4 induces a distinct neuroinflammatory disorder. <i>Journal of Clinical Investigation</i> , 2020, 130, 5551-5561.	8.2	18
126	Demonstration of human T-cell lymphotropic virus type I (HTLV-I) from an HTLV-I seronegative South Indian patient with chronic, progressive spastic paraparesis. <i>Annals of Neurology</i> , 1993, 34, 867-870.	5.3	17

#	ARTICLE	IF	CITATIONS
127	Inhibition of immune activation by a novel nuclear factor-kappa B inhibitor in HTLV-I-associated neurologic disease. <i>Blood</i> , 2011, 117, 3363-3369.	1.4	17
128	In vivo immunogenicity of Tax(11-19) epitope in HLA-A2/DTR transgenic mice: Implication for dendritic cell-based anti-HTLV-1 vaccine. <i>Vaccine</i> , 2014, 32, 3274-3284.	3.8	16
129	Common β -chain blocking peptide reduces in vitro immune activation markers in HTLV-1-associated myelopathy/tropical spastic paraparesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11030-11035.	7.1	16
130	Vaccinations for Neuroinfectious Disease: A Global Health Priority. <i>Neurotherapeutics</i> , 2016, 13, 562-570.	4.4	16
131	An Altered Peptide Ligand Antagonizes Antigen-Specific T Cells of Patients with Human T Lymphotropic Virus Type I-Associated Neurological Disease. <i>Journal of Immunology</i> , 2000, 164, 5192-5198.	0.8	15
132	Use of a multi-virus array for the study of human viral and retroviral pathogens: gene expression studies and CHIP-chip analysis. <i>Retrovirology</i> , 2004, 1, 10.	2.0	15
133	Complete replication cycle and acquisition of tegument in nucleus of human herpesvirus 6A in astrocytes and in T-cells. <i>Journal of Medical Virology</i> , 2006, 78, 1542-1553.	5.0	15
134	Utility of HTLV proviral load quantification in diagnosis of HTLV-1-associated myelopathy requires international standardization. <i>Journal of Clinical Virology</i> , 2013, 58, 584-586.	3.1	15
135	Efficacy of Corticosteroid Therapy for HTLV-1-Associated Myelopathy: A Randomized Controlled Trial (HAMLET-P). <i>Viruses</i> , 2022, 14, 136.	3.3	15
136	Limited T cell receptor usage by HTLV-I tax-specific, HLA class I restricted cytotoxic T lymphocytes from patients with HTLV-I associated neurological disease. <i>Journal of Neuroimmunology</i> , 1995, 63, 47-53.	2.3	14
137	HTLV-1 Infection and Neuropathogenesis in the Context of Rag1-/- β 2m-/- (RAG1-Hu) and BLT Mice. <i>Journal of NeuroImmune Pharmacology</i> , 2017, 12, 504-520.	4.1	14
138	Cervical and thoracic cord atrophy in multiple sclerosis phenotypes: Quantification and correlation with clinical disability. <i>NeuroImage: Clinical</i> , 2021, 30, 102680.	2.7	13
139	Development of neurologic diseases in a patient with primate T lymphotropic virus type 1 (PTLV-1). <i>Retrovirology</i> , 2016, 13, 56.	2.0	12
140	Analyses of HTLV-1 sequences suggest interaction between ORF-I mutations and HAM/TSP outcome. <i>Infection, Genetics and Evolution</i> , 2016, 45, 420-425.	2.3	12
141	Role of Exosomes in Human Retroviral Mediated Disorders. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 279-291.	4.1	12
142	Prevalence of salivary human herpesviruses in pediatric multiple sclerosis cases and controls. <i>Multiple Sclerosis Journal</i> , 2019, 25, 644-652.	3.0	12
143	HTLV-I-Associated Myelopathy/Tropical Spastic Paraparesis: Semiautomatic Quantification of Spinal Cord Atrophy from 3-Dimensional MR Images. <i>Journal of Neuroimaging</i> , 2014, 24, 74-78.	2.0	11
144	An evaluation of HHV-6 as an etiologic agent in Hodgkin lymphoma and brain cancer using IARC criteria for oncogenicity. <i>Infectious Agents and Cancer</i> , 2019, 14, 31.	2.6	11

#	ARTICLE	IF	CITATIONS
145	Clinical trial of a humanized anti-IL15 receptor β chain in HAM/TSP. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1383-1394.	3.7	9
146	Human T-lymphotropic virus type 1 (HTLV-1) and cellular immune response in HTLV-1-associated myelopathy/tropical spastic paraparesis. <i>Journal of NeuroVirology</i> , 2020, 26, 652-663.	2.1	9
147	Impaired Measles-Specific Cytotoxic T-Cell Response in Subacute Sclerosing Panencephalitis. <i>Annals of the New York Academy of Sciences</i> , 1988, 540, 645-648.	3.8	8
148	Reply to "HHV-6 and multiple sclerosis". <i>Nature Medicine</i> , 1998, 4, 538-538.	30.7	8
149	Role of Viral Infection in the Aetiology of Multiple Sclerosis. <i>CNS Drugs</i> , 1999, 12, 1-7.	5.9	8
150	Localization of retrovirus in the central nervous system of a patient co-infected with HTLV-1 and HIV with HAM/TSP and HIV-associated dementia. <i>Journal of NeuroVirology</i> , 2001, 7, 61-65.	2.1	8
151	The spectrum of spinal cord lesions in a primate model of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020, 26, 284-293.	3.0	8
152	Increased lymphoproliferative response to human herpesvirus type 6A variant in multiple sclerosis patients. <i>Annals of Neurology</i> , 2000, 47, 306-313.	5.3	8
153	Hypoxanthine-Guanine Phosphoribosyltransferase Reporter Gene Mutation for Analysis of In Vivo Clonal Amplification in Patients with HTLV Type 1-Associated Myelopathy/Tropical Spastic Paraparesis. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1747-1752.	1.1	7
154	Effect of (r)-9-[4-hydroxy-2-(hydroxymethyl)butyl]guanine (H2G) and AZT "lipid" PFA on human herpesvirus-6B infected cells. <i>Journal of Clinical Virology</i> , 2009, 46, 10-14.	3.1	7
155	Ultrahigh-resolution MRI Reveals Extensive Cortical Demyelination in a Nonhuman Primate Model of Multiple Sclerosis. <i>Cerebral Cortex</i> , 2021, 31, 439-447.	2.9	7
156	Clinical trial of raltegravir, an integrase inhibitor, in HAM/TSP. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1970-1985.	3.7	7
157	Virus-Specific Cytotoxic T Cells in Multiple Sclerosis. <i>Annals of the New York Academy of Sciences</i> , 1988, 532, 273-279.	3.8	6
158	Natalizumab and Immune Cells. <i>Archives of Neurology</i> , 2006, 63, 1366.	4.5	6
159	Using Droplet Digital PCR to Detect Coinfection of Human Herpesviruses 6A and 6B (HHV-6A and) Tj ETQq1 1 0.784314 rgBT ₆ /Overlook	0.9	6
160	HHV-6 and hippocampal volume in patients with mesial temporal sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1674-1680.	3.7	6
161	Comparison of qPCR with ddPCR for the Quantification of JC Polyomavirus in CSF from Patients with Progressive Multifocal Leukoencephalopathy. <i>Viruses</i> , 2022, 14, 1246.	3.3	6
162	Detection of HHV-6B in post-mortem central nervous system tissue of a post-bone marrow transplant recipient: a multi-virus array analysis. <i>Journal of Clinical Virology</i> , 2006, 37, S57-S62.	3.1	5

#	ARTICLE	IF	CITATIONS
163	Human herpesvirus 6 and epilepsy. <i>Epilepsia Open</i> , 2021, 6, 777-780.	2.4	5
164	HPRT mutations, TCR gene rearrangements, and HTLV-1 integration sites define in vivo T-cell clonal lineages. <i>Environmental and Molecular Mutagenesis</i> , 2005, 45, 326-337.	2.2	4
165	HHV-6 and the Central Nervous System. <i>Perspectives in Medical Virology</i> , 2006, 12, 213-223.	0.1	4
166	Virus-Induced Demyelination: The Case for Virus(es) in Multiple Sclerosis. , 2016, , 175-220.		4
167	Progressive multifocal leukoencephalopathy lesion and brain parenchymal segmentation from MRI using serial deep convolutional neural networks. <i>NeuroImage: Clinical</i> , 2020, 28, 102499.	2.7	4
168	Creation and validation of a bladder dysfunction symptom score for HTLV-1-associated myelopathy/tropical spastic paraparesis. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 175.	2.7	4
169	Effect of Teriflunomide on Cells From Patients With Human T-cell Lymphotropic Virus Type 1-Associated Neurologic Disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	4
170	Viruses and Multiple Sclerosis. , 0, , 99-124.		4
171	Immune Response to HTLV-I and HTLV-II. , 0, , 159-190.		4
172	Parkinsonism in the course of HTLV-I-associated myelopathy. <i>Movement Disorders</i> , 2005, 20, 613-615.	3.9	3
173	Viral Infections of the Central Nervous System: Pathogenesis to Therapeutics. <i>Journal of NeuroImmune Pharmacology</i> , 2010, 5, 267-270.	4.1	3
174	Dynamic acquisition of HTLV-1 tax protein by mononuclear phagocytes: Role in neurologic disease. <i>Journal of Neuroimmunology</i> , 2017, 304, 43-50.	2.3	3
175	Differential activation of neuroinflammatory pathways in children with seizures: A cross-sectional study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 91, 150-158.	2.0	3
176	International Retrovirology Association brings together scientists and clinicians to bridge discoveries about human T-lymphotropic viruses from the laboratory to clinical trials. <i>Retrovirology</i> , 2005, 2, 22.	2.0	2
177	Opinion and Special Articles: Cerebellar ataxia and liver failure complicating IPEX syndrome. <i>Neurology</i> , 2020, 96, 10.1212/WNL.0000000000011195.	1.1	2
178	Infection and Multiple Sclerosis. , 2004, , 559-582.		2
179	Lesion size and shape in central vein sign assessment for multiple sclerosis diagnosis: An in vivo and postmortem MRI study. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1891-1902.	3.0	2
180	Atypical human T-cell lymphotropic virus type-I-associated T-cell lymphoma in a low-prevalence alaska native population. Implications for Disease Surveillance. <i>Cancer</i> , 1993, 71, 4072-4076.	4.1	1

#	ARTICLE	IF	CITATIONS
181	Detection of HTLV-I in peripheral blood lymphocytes from patients with chronic HTLV-I-associated myelopathy/tropical spastic paraparesis and asymptomatic carriers by PCR-in situ hybridization. Journal of Biomedical Science, 1997, 4, 54-60.	7.0	1
182	Immunopathogenic CSF TCR repertoire signatures in virus-associated neurologic disease. JCI Insight, 2021, 6, .	5.0	1
183	Reviews in NeuroVirology: An introduction. Journal of NeuroVirology, 2005, 11, 411-411.	2.1	0
184	Viral Infection and Multiple Sclerosis. , 2007, , 188-213.		0
185	Human T-Cell Lymphotropic Virus Type 1 Infection. , 2013, , 183-207.		0
186	HHV-6 and Multiple Sclerosis. , 2014, , 123-142.		0
187	Human T-Cell Lymphotropic Virus Types 1 and 2. , 2016, , 674-681.		0
188	Neuroimmunomodulation of Human T-Lymphotropic Virus Type I/II Infection. , 2017, , 421-436.		0
189	Reply to Zahednasab et al.: HHV-6 and marmoset EAE. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E12127-E12127.	7.1	0
190	Peptide/HLA-GFP Complexes. , 2005, , 261-274.		0
191	HTLV-1 Infected CD4+CD25+CCR4+ T-Cells Disregulate Balance of Inflammation and Tolerance in HTLV-1 Associated Neuroinflammatory Disease. , 2011, , 189-198.		0