

Howard S Fox

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

220 papers	10,934 citations	50 h-index	98 g-index
237 ext. papers	12,111 ext. citations	6.4 avg, IF	5.82 L-index

#	Paper	IF	Citations
220	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	14.2	2783
219	A gender gap in autoimmunity. <i>Science</i> , 1999 , 283, 1277-8	33.3	698
218	A central role for CD4(+) T cells and RANTES in virus-induced central nervous system inflammation and demyelination. <i>Journal of Virology</i> , 2000 , 74, 1415-24	6.6	214
217	Molecular clones of the mouse t complex derived from microdissected metaphase chromosomes. <i>Cell</i> , 1984 , 36, 783-8	56.2	195
216	Methylome-wide Analysis of Chronic HIV Infection Reveals Five-Year Increase in Biological Age and Epigenetic Targeting of HLA. <i>Molecular Cell</i> , 2016 , 62, 157-168	17.6	166
215	Selective decrease in paracellular conductance of tight junctions: role of the first extracellular domain of claudin-5. <i>Molecular and Cellular Biology</i> , 2004 , 24, 8408-17	4.8	154
214	Induction of pathogenic sets of genes in macrophages and neurons in NeuroAIDS. <i>American Journal of Pathology</i> , 2003 , 162, 2041-57	5.8	151
213	Exosome-mediated shuttling of microRNA-29 regulates HIV Tat and morphine-mediated neuronal dysfunction. <i>Cell Death and Disease</i> , 2012 , 3, e381	9.8	143
212	Myasthenia gravis-like syndrome induced by expression of interferon gamma in the neuromuscular junction. <i>Journal of Experimental Medicine</i> , 1995 , 181, 547-57	16.6	130
211	Disruption of neuronal autophagy by infected microglia results in neurodegeneration. <i>PLoS ONE</i> , 2008 , 3, e2906	3.7	120
210	The National NeuroAIDS Tissue Consortium brain gene array: two types of HIV-associated neurocognitive impairment. <i>PLoS ONE</i> , 2012 , 7, e46178	3.7	119
209	CD4 independence of simian immunodeficiency virus Envs is associated with macrophage tropism, neutralization sensitivity, and attenuated pathogenicity. <i>Journal of Virology</i> , 2002 , 76, 2595-605	6.6	117
208	Molecular probes define different regions of the mouse t complex. <i>Cell</i> , 1985 , 40, 63-9	56.2	113
207	Elevated ATG5 expression in autoimmune demyelination and multiple sclerosis. <i>Autophagy</i> , 2009 , 5, 152-8	14.2	111
206	Interferon-independent, human immunodeficiency virus type 1 gp120-mediated induction of CXCL10/IP-10 gene expression by astrocytes in vivo and in vitro. <i>Journal of Virology</i> , 2001 , 75, 7067-77	6.6	111
205	Metabolomic analysis of the cerebrospinal fluid reveals changes in phospholipase expression in the CNS of SIV-infected macaques. <i>Journal of Clinical Investigation</i> , 2008 , 118, 2661-9	15.9	105
204	Molecular mechanisms of long noncoding RNAs and their role in disease pathogenesis. <i>Oncotarget</i> , 2018 , 9, 18648-18663	3.3	101

203	Themis controls thymocyte selection through regulation of T cell antigen receptor-mediated signaling. <i>Nature Immunology</i> , 2009 , 10, 848-56	19.1	98
202	A coat of many colors: neuroimmune crosstalk in human immunodeficiency virus infection. <i>Neuron</i> , 2009 , 64, 133-45	13.9	95
201	Traumatic brain injury increases levels of miR-21 in extracellular vesicles: implications for neuroinflammation. <i>FEBS Open Bio</i> , 2016 , 6, 835-46	2.7	91
200	Neurovirological correlation with HIV-associated neurocognitive disorders and encephalitis in a HAART-era cohort. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013 , 62, 487-95	3.1	89
199	Highly activated CD8(+) T cells in the brain correlate with early central nervous system dysfunction in simian immunodeficiency virus infection. <i>Journal of Immunology</i> , 2001 , 167, 5429-38	5.3	89
198	Analysis of the S3 and S3Psubsite specificities of feline immunodeficiency virus (FIV) protease: development of a broad-based protease inhibitor efficacious against FIV, SIV, and HIV in vitro and ex vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 939-44	11.5	88
197	Increased mutation frequency of feline immunodeficiency virus lacking functional deoxyuridine-triphosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 7480-4	11.5	87
196	MicroRNA-21 dysregulates the expression of MEF2C in neurons in monkey and human SIV/HIV neurological disease. <i>Cell Death and Disease</i> , 2010 , 1, e77	9.8	85
195	Patterns of gene dysregulation in the frontal cortex of patients with HIV encephalitis. <i>Journal of Neuroimmunology</i> , 2004 , 157, 163-75	3.5	84
194	MiR-21 in Extracellular Vesicles Leads to Neurotoxicity via TLR7 Signaling in SIV Neurological Disease. <i>PLoS Pathogens</i> , 2015 , 11, e1005032	7.6	76
193	CD163 identifies a unique population of ramified microglia in HIV encephalitis (HIVE). <i>Journal of Neuropathology and Experimental Neurology</i> , 2004 , 63, 1255-64	3.1	74
192	Acute and Chronic Ethanol Administration Differentially Modulate Hepatic Autophagy and Transcription Factor EB. <i>Alcoholism: Clinical and Experimental Research</i> , 2015 , 39, 2354-63	3.7	67
191	Acute SIV infection of the brain leads to upregulation of IL6 and interferon-regulated genes: expression patterns throughout disease progression and impact on neuroAIDS. <i>Journal of Neuroimmunology</i> , 2004 , 157, 81-92	3.5	67
190	Oxygen matters: tissue culture oxygen levels affect mitochondrial function and structure as well as responses to HIV viroproteins. <i>Cell Death and Disease</i> , 2011 , 2, e246	9.8	66
189	Comparison of 4-plex to 8-plex iTRAQ quantitative measurements of proteins in human plasma samples. <i>Journal of Proteome Research</i> , 2012 , 11, 3774-81	5.6	65
188	Expression of Inflammatory Cytokines and Inducible Nitric Oxide Synthase in Brains of SIV-Infected Rhesus Monkeys: Applications to HIV-Induced Central Nervous System Disease. <i>Molecular Medicine</i> , 1996 , 2, 27-37	6.2	65
187	Methamphetamine increases brain viral load and activates natural killer cells in simian immunodeficiency virus-infected monkeys. <i>American Journal of Pathology</i> , 2010 , 177, 355-61	5.8	63
186	Decreased neuronal autophagy in HIV dementia: a mechanism of indirect neurotoxicity. <i>Autophagy</i> , 2008 , 4, 963-6	10.2	62

185	Preclinical pharmacokinetics and tissue distribution of long-acting nanoformulated antiretroviral therapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 3110-20	5.9	61
184	Osteopontin prevents monocyte recirculation and apoptosis. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 1504-11	6.5	61
183	Microglia-passaged simian immunodeficiency virus induces neurophysiological abnormalities in monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 14158-63	11.5	60
182	Quantitative proteomics of synaptic and nonsynaptic mitochondria: insights for synaptic mitochondrial vulnerability. <i>Journal of Proteome Research</i> , 2014 , 13, 2620-36	5.6	59
181	Multilevel regulation of autophagosome content by ethanol oxidation in HepG2 cells. <i>Autophagy</i> , 2013 , 9, 63-73	10.2	59
180	Creation of a nanoformulated cabotegravir prodrug with improved antiretroviral profiles. <i>Biomaterials</i> , 2018 , 151, 53-65	15.6	58
179	Early Expression of Parkinson's Disease-Related Mitochondrial Abnormalities in PINK1 Knockout Rats. <i>Molecular Neurobiology</i> , 2016 , 53, 171-186	6.2	56
178	Metabolic drift in the aging brain. <i>Aging</i> , 2016 , 8, 1000-20	5.6	56
177	Brain region mapping using global metabolomics. <i>Chemistry and Biology</i> , 2014 , 21, 1575-84		54
176	Quantitative proteomics by SWATH-MS reveals altered expression of nucleic acid binding and regulatory proteins in HIV-1-infected macrophages. <i>Journal of Proteome Research</i> , 2014 , 13, 2109-19	5.6	54
175	Up-regulation of microRNA-142 in simian immunodeficiency virus encephalitis leads to repression of sirtuin1. <i>FASEB Journal</i> , 2013 , 27, 3720-9	0.9	53
174	Serial passage of microglial SIV results in selection of homogeneous env quasispecies in the brain. <i>Virology</i> , 1995 , 212, 458-65	3.6	53
173	Multimodal neuroimaging evidence of alterations in cortical structure and function in HIV-infected older adults. <i>Human Brain Mapping</i> , 2015 , 36, 897-910	5.9	52
172	Human immunodeficiency virus-1/surface glycoprotein 120 induces apoptosis through RNA-activated protein kinase signaling in neurons. <i>Journal of Neuroscience</i> , 2007 , 27, 11047-55	6.6	51
171	Aberrant occipital dynamics differentiate HIV-infected patients with and without cognitive impairment. <i>Brain</i> , 2018 , 141, 1678-1690	11.2	50
170	Cladosporium trichoides cerebral phaeohyphomycosis in a liver transplant recipient. Report of a case. <i>American Journal of Clinical Pathology</i> , 1991 , 95, 499-502	1.9	50
169	Nonhomologous pairing in mice heterozygous for a t haplotype can produce recombinant chromosomes with duplications and deletions. <i>Genetics</i> , 1986 , 113, 723-34	4	50
168	Impaired performance on a rhesus monkey neuropsychological testing battery following simian immunodeficiency virus infection. <i>AIDS Research and Human Retroviruses</i> , 2004 , 20, 77-89	1.6	49

167	Antiviral treatment normalizes neurophysiological but not movement abnormalities in simian immunodeficiency virus-infected monkeys. <i>Journal of Clinical Investigation</i> , 2000 , 106, 37-45	15.9	49
166	Functional brain abnormalities during finger-tapping in HIV-infected older adults: a magnetoencephalography study. <i>Journal of NeuroImmune Pharmacology</i> , 2013 , 8, 965-74	6.9	47
165	Longitudinal analysis of behavioral, neurophysiological, viral and immunological effects of SIV infection in rhesus monkeys. <i>Journal of Medical Primatology</i> , 1998 , 27, 104-12	0.7	47
164	Early physiological abnormalities after simian immunodeficiency virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 15072-7	11.5	47
163	Proteasome activity and autophagosome content in liver are reciprocally regulated by ethanol treatment. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 417, 262-7	3.4	46
162	Aging synaptic mitochondria exhibit dynamic proteomic changes while maintaining bioenergetic function. <i>Aging</i> , 2014 , 6, 320-34	5.6	46
161	Susceptibility of Chinese rhesus monkeys to SIV infection. <i>Aids</i> , 2005 , 19, 1704-6	3.5	45
160	IFN-gamma-induced IDO and WRS expression in microglia is differentially regulated by IL-4. <i>Glia</i> , 2007 , 55, 1385-96	9	44
159	Simian immunodeficiency virus: a model for neuroAIDS. <i>Neurobiology of Disease</i> , 1997 , 4, 265-74	7.5	43
158	Trim5alpha accelerates degradation of cytosolic capsid associated with productive HIV-1 entry. <i>Journal of Biological Chemistry</i> , 2006 , 281, 37025-33	5.4	42
157	Methamphetamine stimulates interferon inducible genes in HIV infected brain. <i>Journal of Neuroimmunology</i> , 2005 , 170, 158-71	3.5	42
156	An alpha globin pseudogene is located within the mouse t complex. <i>Immunogenetics</i> , 1984 , 19, 125-30	3.2	42
155	Regulation of indoleamine 2,3-dioxygenase expression in simian immunodeficiency virus-infected monkey brains. <i>Journal of Virology</i> , 2002 , 76, 12233-41	6.6	41
154	Enrichment and persistence of virus-specific CTL in the brain of simian immunodeficiency virus-infected monkeys is associated with a unique cytokine environment. <i>Journal of Immunology</i> , 2007 , 178, 5812-9	5.3	40
153	CD8+ cell depletion amplifies the acute retroviral syndrome. <i>Journal of NeuroVirology</i> , 2004 , 10, 58-66	3.9	39
152	Modeling human methamphetamine exposure in nonhuman primates: chronic dosing in the rhesus macaque leads to behavioral and physiological abnormalities. <i>Neuropsychopharmacology</i> , 2005 , 30, 350-9	8.7	38
151	Efavirenz induces neuronal autophagy and mitochondrial alterations. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 351, 250-8	4.7	37
150	Combined fluorescent in situ hybridization for detection of microRNAs and immunofluorescent labeling for cell-type markers. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 160	6.1	37

149	Osteopontin is increased in HIV-associated dementia. <i>Journal of Infectious Diseases</i> , 2008 , 198, 715-22	7	37
148	Simian immunodeficiency virus model of HIV-induced central nervous system dysfunction. <i>Advances in Virus Research</i> , 2001 , 56, 435-68	10.7	37
147	Methamphetamine administration targets multiple immune subsets and induces phenotypic alterations suggestive of immunosuppression. <i>PLoS ONE</i> , 2012 , 7, e49897	3.7	36
146	Aberrant oscillatory dynamics during somatosensory processing in HIV-infected adults. <i>NeuroImage: Clinical</i> , 2018 , 20, 85-91	5.3	35
145	CD8+ cell depletion amplifies the acute retroviral syndrome. <i>Journal of NeuroVirology</i> , 2004 , 10 Suppl 1, 58-66	3.9	35
144	Efficient infection of brain microvascular endothelial cells by an in vivo-selected neuroinvasive SIVmac variant. <i>Journal of NeuroVirology</i> , 1998 , 4, 269-80	3.9	35
143	Emerging roles of extracellular vesicles in neurodegenerative disorders: focus on HIV-associated neurological complications. <i>Cell Death and Disease</i> , 2016 , 7, e2481	9.8	34
142	A year-long extended release nanoformulated cabotegravir prodrug. <i>Nature Materials</i> , 2020 , 19, 910-920	7	33
141	Neural dynamics of selective attention deficits in HIV-associated neurocognitive disorder. <i>Neurology</i> , 2018 , 91, e1860-e1869	6.5	33
140	Multimodal Theranostic Nanoformulations Permit Magnetic Resonance Bioimaging of Antiretroviral Drug Particle Tissue-Cell Biodistribution. <i>Theranostics</i> , 2018 , 8, 256-276	12.1	32
139	Induction of miR-155 after Brain Injury Promotes Type 1 Interferon and has a Neuroprotective Effect. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 228	6.1	32
138	Proteomic analysis and functional characterization of mouse brain mitochondria during aging reveal alterations in energy metabolism. <i>Proteomics</i> , 2015 , 15, 1574-86	4.8	32
137	Inhibition of nitric oxide synthase-2 reduces the severity of mouse hepatitis virus-induced demyelination: implications for NOS2/NO regulation of chemokine expression and inflammation. <i>Journal of NeuroVirology</i> , 1999 , 5, 48-54	3.9	32
136	Aberrant Neuronal Dynamics during Working Memory Operations in the Aging HIV-Infected Brain. <i>Scientific Reports</i> , 2017 , 7, 41568	4.9	31
135	Quantitative plasma proteomic profiling identifies the vitamin E binding protein afamin as a potential pathogenic factor in SIV induced CNS disease. <i>Journal of Proteome Research</i> , 2010 , 9, 352-8	5.6	31
134	Methamphetamine abuse affects gene expression in brain-derived microglia of SIV-infected macaques to enhance inflammation and promote virus targets. <i>BMC Immunology</i> , 2016 , 17, 7	3.7	30
133	Cerebrospinal fluid proteomics reveals potential pathogenic changes in the brains of SIV-infected monkeys. <i>Journal of Proteome Research</i> , 2009 , 8, 2253-60	5.6	30
132	Chronic alcohol consumption generates a vulnerable immune environment during early SIV infection in rhesus macaques. <i>Alcoholism: Clinical and Experimental Research</i> , 2008 , 32, 1583-92	3.7	30

131	Host response and dysfunction in the CNS during chronic simian immunodeficiency virus infection. <i>Journal of Neuroscience</i> , 2006 , 26, 4577-85	6.6	30
130	Autophagy-mediated turnover of dynamin-related protein 1. <i>BMC Neuroscience</i> , 2013 , 14, 86	3.2	28
129	HIV-1 gp120-induced axonal injury detected by accumulation of amyloid precursor protein in adult rat corpus callosum. <i>Journal of NeuroImmune Pharmacology</i> , 2011 , 6, 650-7	6.9	28
128	An integrated systems analysis implicates EGR1 downregulation in simian immunodeficiency virus encephalitis-induced neural dysfunction. <i>Journal of Neuroscience</i> , 2009 , 29, 12467-76	6.6	28
127	Biomarkers for neuroAIDS: the widening scope of metabolomics. <i>Journal of NeuroImmune Pharmacology</i> , 2007 , 2, 72-80	6.9	28
126	A mouse model of seizures in anti-N-methyl-d-aspartate receptor encephalitis. <i>Epilepsia</i> , 2019 , 60, 452-463	4	27
125	HIV-1 transgenic rats display mitochondrial abnormalities consistent with abnormal energy generation and distribution. <i>Journal of NeuroVirology</i> , 2016 , 22, 564-574	3.9	27
124	A mouse chromosome 17 gene encodes a testes-specific transcript with unusual properties. <i>Immunogenetics</i> , 1989 , 30, 34-41	3.2	27
123	Transcriptome meta-analysis reveals a central role for sex steroids in the degeneration of hippocampal neurons in Alzheimer's disease. <i>BMC Systems Biology</i> , 2013 , 7, 51	3.5	26
122	Decreased MEG beta oscillations in HIV-infected older adults during the resting state. <i>Journal of NeuroVirology</i> , 2013 , 19, 586-94	3.9	26
121	Upregulation of cathepsin D in the caudate nucleus of primates with experimental parkinsonism. <i>Molecular Neurodegeneration</i> , 2011 , 6, 52	19	26
120	Translating the brain transcriptome in neuroAIDS: from non-human primates to humans. <i>Journal of NeuroImmune Pharmacology</i> , 2012 , 7, 372-9	6.9	25
119	Effects of simian immunodeficiency virus on the circadian rhythms of body temperature and gross locomotor activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15138-43	11.5	25
118	Controlled and behaviorally relevant levels of oral ethanol intake in rhesus macaques using a flavorant-fade procedure. <i>Alcoholism: Clinical and Experimental Research</i> , 2004 , 28, 873-83	3.7	25
117	Abnormal MEG oscillatory activity during visual processing in the prefrontal cortices and frontal eye-fields of the aging HIV brain. <i>PLoS ONE</i> , 2013 , 8, e66241	3.7	24
116	In vivo osteopontin-induced macrophage accumulation is dependent on CD44 expression. <i>Cellular Immunology</i> , 2008 , 254, 56-62	4.4	24
115	Neuroimmunity, drugs of abuse, and neuroAIDS. <i>Journal of NeuroImmune Pharmacology</i> , 2006 , 1, 41-9	6.9	24
114	CCR4-bearing T cells participate in autoimmune diabetes. <i>Journal of Clinical Investigation</i> , 2002 , 110, 1675-86	15.9	23

113	MicroRNA-142 reduces monoamine oxidase A expression and activity in neuronal cells by downregulating SIRT1. <i>PLoS ONE</i> , 2013 , 8, e79579	3.7	23
112	Pharmacokinetics of a Long-Acting Nanoformulated Dolutegravir Prodrug in Rhesus Macaques. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	22
111	Neuronal injury in simian immunodeficiency virus and other animal models of neuroAIDS. <i>Journal of NeuroVirology</i> , 2008 , 14, 327-39	3.9	22
110	Establishment of embryonic stem cell lines from preimplantation mouse embryos homozygous for lethal mutations in the t-complex. <i>Developmental Biology</i> , 1987 , 121, 20-8	3.1	22
109	The evolutionary young miR-1290 favors mitotic exit and differentiation of human neural progenitors through altering the cell cycle proteins. <i>Cell Death and Disease</i> , 2014 , 5, e982	9.8	21
108	Plasma proteomic analysis of simian immunodeficiency virus infection of rhesus macaques. <i>Journal of Proteome Research</i> , 2010 , 9, 4721-31	5.6	21
107	Central nervous system-penetrating antiretrovirals impair energetic reserve in striatal nerve terminals. <i>Journal of NeuroVirology</i> , 2017 , 23, 795-807	3.9	20
106	Astrocyte-specific overexpressed gene signatures in response to methamphetamine exposure in vitro. <i>Journal of Neuroinflammation</i> , 2017 , 14, 49	10.1	20
105	Early antiretroviral treatment prevents the development of central nervous system abnormalities in simian immunodeficiency virus-infected rhesus monkeys. <i>Aids</i> , 2009 , 23, 1187-95	3.5	20
104	Tat-Mediated Induction of miRs-34a & -138 Promotes Astrocytic Activation via Downregulation of SIRT1: Implications for Aging in HAND. <i>Journal of NeuroImmune Pharmacology</i> , 2017 , 12, 420-432	6.9	19
103	TLR signaling controls lethal encephalitis in WNV-infected brain. <i>Brain Research</i> , 2014 , 1574, 84-95	3.7	19
102	ROS and Sympathetically Mediated Mitochondria Activation in Brown Adipose Tissue Contribute to Methamphetamine-Induced Hyperthermia. <i>Frontiers in Endocrinology</i> , 2013 , 4, 44	5.7	19
101	Defining larger roles for "tiny" RNA molecules: role of miRNAs in neurodegeneration research. <i>Journal of NeuroImmune Pharmacology</i> , 2010 , 5, 63-9	6.9	19
100	Increased expression of monocyte CD44v6 correlates with the development of encephalitis in rhesus macaques infected with simian immunodeficiency virus. <i>Journal of Infectious Diseases</i> , 2008 , 197, 1567-76	7	19
99	Proteomic analysis of the mitochondria from embryonic and postnatal rat brains reveals response to developmental changes in energy demands. <i>Journal of Proteomics</i> , 2014 , 109, 228-39	3.9	18
98	Quantitative proteomics reveals oxygen-dependent changes in neuronal mitochondria affecting function and sensitivity to rotenone. <i>Journal of Proteome Research</i> , 2013 , 12, 4599-606	5.6	18
97	Pharmacokinetics, biodistribution, and toxicity of folic acid-coated antiretroviral nanoformulations. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 7510-9	5.9	18
96	Pulsed stable isotope labeling of amino acids in cell culture uncovers the dynamic interactions between HIV-1 and the monocyte-derived macrophage. <i>Journal of Proteome Research</i> , 2011 , 10, 2852-62	5.6	18

95	Cortical neuronal cytoskeletal changes associated with FIV infection. <i>Journal of NeuroVirology</i> , 1997 , 3, 283-9	3.9	18
94	Distinct clonal repertoire of brain CD8+ cells in simian immunodeficiency virus infection. <i>Aids</i> , 2003 , 17, 1605-11	3.5	17
93	Protective role for the disulfide isomerase PDIA3 in methamphetamine neurotoxicity. <i>PLoS ONE</i> , 2012 , 7, e38909	3.7	17
92	Loss of Pink1 modulates synaptic mitochondrial bioenergetics in the rat striatum prior to motor symptoms: concomitant complex I respiratory defects and increased complex II-mediated respiration. <i>Proteomics - Clinical Applications</i> , 2016 , 10, 1205-1217	3.1	17
91	Phenotypic changes in the brain of SIV-infected macaques exposed to methamphetamine parallel macrophage activation patterns induced by the common gamma-chain cytokine system. <i>Frontiers in Microbiology</i> , 2015 , 6, 900	5.7	16
90	Simian immunodeficiency virus-induced CD4+ T cell deficits in cytokine secretion profile are dependent on monkey origin. <i>Viral Immunology</i> , 2006 , 19, 679-89	1.7	16
89	Resolution and prevention of feline immunodeficiency virus-induced neurological deficits by treatment with the protease inhibitor TL-3. <i>Journal of Virology</i> , 2004 , 78, 4525-32	6.6	16
88	Plasma proteomic profiling in HIV-1 infected methamphetamine abusers. <i>PLoS ONE</i> , 2012 , 7, e31031	3.7	15
87	Pilot study of younger and older HIV-infected adults using traditional and novel functional assessments. <i>HIV Clinical Trials</i> , 2013 , 14, 165-74		15
86	HIV-1 Tat-mediated astrocytic amyloidosis involves the HIF-1 α /lncRNA BACE1-AS axis. <i>PLoS Biology</i> , 2020 , 18, e3000660	9.7	14
85	N-methyl-D-aspartate receptor-mediated axonal injury in adult rat corpus callosum. <i>Journal of Neuroscience Research</i> , 2013 , 91, 240-8	4.4	14
84	CD8+ T cells maintain suppression of simian immunodeficiency virus in the central nervous system. <i>Journal of Infectious Diseases</i> , 2015 , 211, 40-4	7	14
83	Methamphetamine and inflammatory cytokines increase neuronal Na ⁺ /K ⁺ -ATPase isoform 3: relevance for HIV associated neurocognitive disorders. <i>PLoS ONE</i> , 2012 , 7, e37604	3.7	14
82	Virus-host interaction in the simian immunodeficiency virus-infected brain. <i>Journal of NeuroVirology</i> , 2008 , 14, 286-91	3.9	14
81	Robust and stable drinking behavior following long-term oral alcohol intake in rhesus macaques. <i>Drug and Alcohol Dependence</i> , 2007 , 91, 236-43	4.9	14
80	Pathogenesis of Aging and Age-related Comorbidities in People with HIV: Highlights from the HIV ACTION Workshop. <i>Pathogens and Immunity</i> , 2020 , 5, 143-174	4.9	14
79	Downregulation of an Evolutionary Young miR-1290 in an iPSC-Derived Neural Stem Cell Model of Autism Spectrum Disorder. <i>Stem Cells International</i> , 2019 , 2019, 8710180	5	13
78	Development and characterization of positively selected brain-adapted SIV. <i>Virology Journal</i> , 2005 , 2, 44	6.1	13

77	Macrophage-derived simian immunodeficiency virus exhibits enhanced infectivity by comparison with T-cell-derived virus. <i>Journal of Virology</i> , 2008 , 82, 1615-21	6.6	12
76	Creation of a long-acting rilpivirine prodrug nanoformulation. <i>Journal of Controlled Release</i> , 2019 , 311-312, 201-211	11.7	11
75	Proteomic and metabolomic strategies to investigate HIV-associated neurocognitive disorders. <i>Genome Medicine</i> , 2010 , 2, 22	14.4	11
74	Chronic methamphetamine induces structural changes in frontal cortex neurons and upregulates type I interferons. <i>Journal of NeuroImmune Pharmacology</i> , 2008 , 3, 241-5	6.9	11
73	Immune regulatory mechanisms influence early pathology in spinal cord injury and in spontaneous autoimmune encephalomyelitis. <i>American Journal of Pathology</i> , 2005 , 166, 1749-60	5.8	11
72	Prefrontal gating of sensory input differentiates cognitively impaired and unimpaired aging adults with HIV. <i>Brain Communications</i> , 2020 , 2, fcaa080	4.5	11
71	Sirtuin 1-Chromatin-Binding Dynamics Points to a Common Mechanism Regulating Inflammatory Targets in SIV Infection and in the Aging Brain. <i>Journal of NeuroImmune Pharmacology</i> , 2018 , 13, 163-178	6.9	10
70	Short communication: quantitative proteomic plasma profiling reveals activation of host defense to oxidative stress in chronic SIV and methamphetamine comorbidity. <i>AIDS Research and Human Retroviruses</i> , 2011 , 27, 179-82	1.6	10
69	Methamphetamine Increases the Proportion of SIV-Infected Microglia/Macrophages, Alters Metabolic Pathways, and Elevates Cell Death Pathways: A Single-Cell Analysis. <i>Viruses</i> , 2020 , 12,	6.2	10
68	Age-related visual dynamics in HIV-infected adults with cognitive impairment. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020 , 7,	9.1	10
67	Parathyroid hormone-related protein expression is correlated with clinical course in patients with glial tumors. <i>Cancer</i> , 2004 , 101, 2622-8	6.4	9
66	Interactive effects of HIV and ageing on neural oscillations: independence from neuropsychological performance. <i>Brain Communications</i> , 2020 , 2, fcaa015	4.5	9
65	Quantitative Proteomics of Presynaptic Mitochondria Reveal an Overexpression and Biological Relevance of Neuronal MitoNEET in Postnatal Brain Development. <i>Developmental Neurobiology</i> , 2019 , 79, 370-386	3.2	8
64	The integrated National NeuroAIDS Tissue Consortium database: a rich platform for neuroHIV research. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 , 2019,	5	8
63	Neonatal mitochondrial abnormalities due to PINK1 deficiency: Proteomics reveals early changes relevant to Parkinson's disease. <i>Data in Brief</i> , 2016 , 6, 428-32	1.2	8
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