Howard S Fox

List of Publications by Year in Descending Order

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	HIV-1 and methamphetamine alter galectins -1, -3, and -9 in human monocyte-derived macrophages.. *Journal of NeuroVirology*, **2022**, 1	3.9	0
219	Hyperphosphorylated Human Tau Accumulates at the Synapse, Localizing on Synaptic Mitochondrial Outer Membranes and Disrupting Respiration in a Mouse Model of Tauopathy.. *Frontiers in Molecular Neuroscience*, **2022**, 15, 852368	6.1	0
218	Diminished Peripheral CD29hi Cytotoxic CD4+ T Cells Are Associated With Deleterious Effects During SIV Infection. *Frontiers in Immunology*, **2021**, 12, 734871	8.4	
217	Chronic Opioid Administration is Associated with Prevotella-dominated Dysbiosis in SIVmac251 Infected, cART-treated Macaques. *Journal of NeuroImmune Pharmacology*, **2021**, 1	6.9	0
216	Neurocognitive impairment and health-related quality of life among people living with Human Immunodeficiency Virus (HIV). *PLoS ONE*, **2021**, 16, e0248802	3.7	2
215	Minocycline attenuation of rat corpus callosum abnormality mediated by low-dose lipopolysaccharide-induced microglia activation. *Journal of Neuroinflammation*, **2021**, 18, 100	10.1	3
214	Cryopreservation of microglia enables single-cell RNA sequencing with minimal effects on disease-related gene expression patterns. *IScience*, **2021**, 24, 102357	6.1	4
213	Reductions in Gray Matter Linked to Epigenetic HIV-Associated Accelerated Aging. *Cerebral Cortex*, **2021**, 31, 3752-3763	5.1	4
212	Physiologically Relevant Concentrations of Dolutegravir, Emtricitabine, and Efavirenz Induce Distinct Metabolic Alterations in HeLa Epithelial and BV2 Microglial Cells. *Frontiers in Immunology*, **2021**, 12, 639378	8.4	6
211	SWATH-MS and MRM: Quantification of Ras-related proteins in HIV-1 infected and methamphetamine-exposed human monocyte-derived macrophages (hMDM). *Proteomics*, **2021**, 21, e2100005	4.8	1
210	Neurocognitive status and risk of mortality among people living with human immunodeficiency virus: an 18-year retrospective cohort study. *Scientific Reports*, **2021**, 11, 3738	4.9	5
209	Seizures and memory impairment induced by patient-derived anti-N-methyl-D-aspartate receptor antibodies in mice are attenuated by anakinra, an interleukin-1 receptor antagonist. *Epilepsia*, **2021**, 62, 671-682	6.4	4
208	Sequence-specific extracellular microRNAs activate TLR7 and induce cytokine secretion and leukocyte migration. *Molecular and Cellular Biochemistry*, **2021**, 476, 4139-4151	4.2	0
207	Monoclonal Antibodies From Anti-NMDA Receptor Encephalitis Patient as a Tool to Study Autoimmune Seizures. *Frontiers in Neuroscience*, **2021**, 15, 710650	5.1	0
206	Neuroinflammatory profiles regulated by the redox environment predicted cognitive dysfunction in people living with HIV: A cross-sectional study. *EBioMedicine*, **2021**, 70, 103487	8.8	2
205	Stress-induced aberrations in sensory processing predict worse cognitive outcomes in healthy aging adults. *Aging*, **2021**, 13, 19996-20015	5.6	1
204	A Link Between Methylglyoxal and Heart Failure During HIV-1 Infection.. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 792180	5.4	0

203	A comprehensive study to delineate the role of an extracellular vesicle-associated microRNA-29a in chronic methamphetamine use disorder.. *Journal of Extracellular Vesicles*, **2021**, 10, e12177	16.4	2
202	Association of Epigenetic Metrics of Biological Age With Cortical Thickness. *JAMA Network Open*, **2020**, 3, e2015428	10.4	6
201	HIV-1 Tat-mediated astrocytic amyloidosis involves the HIF-1 lncRNA BACE1-AS axis. *PLoS Biology*, **2020**, 18, e3000660	9.7	14
200	Assessing Cognitive Functioning in People Living With HIV (PLWH): Factor Analytic Results From CHARTER and NNTC Cohorts. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2020**, 83, 251-259	3.1	4
199	A year-long extended release nanoformulated cabotegravir prodrug. *Nature Materials*, **2020**, 19, 910-920	27	33
198	Pathogenesis of Aging and Age-related Comorbidities in People with HIV: Highlights from the HIV ACTION Workshop. *Pathogens and Immunity*, **2020**, 5, 143-174	4.9	14
197	Pharmacologic approaches to HIV-associated neurocognitive disorders. *Current Opinion in Pharmacology*, **2020**, 54, 102-108	5.1	2
196	Interactive effects of HIV and ageing on neural oscillations: independence from neuropsychological performance. *Brain Communications*, **2020**, 2, fcaa015	4.5	9
195	Prefrontal gating of sensory input differentiates cognitively impaired and unimpaired aging adults with HIV. *Brain Communications*, **2020**, 2, fcaa080	4.5	11
194	Methamphetamine Increases the Proportion of SIV-Infected Microglia/Macrophages, Alters Metabolic Pathways, and Elevates Cell Death Pathways: A Single-Cell Analysis. *Viruses*, **2020**, 12,	6.2	10
193	Interactions of Monocytes, HIV, and ART Identified by an Innovative scRNAseq Pipeline: Pathways to Reservoirs and HIV-Associated Comorbidities. *MBio*, **2020**, 11,	7.8	7
192	Deletion of DJ-1 in rats affects protein abundance and mitochondrial function at the synapse. *Scientific Reports*, **2020**, 10, 13719	4.9	5
191	The age-related trajectory of visual attention neural function is altered in adults living with HIV: A cross-sectional MEG study. *EBioMedicine*, **2020**, 61, 103065	8.8	6
190	Epigenetic Markers of Aging Predict the Neural Oscillations Serving Selective Attention. *Cerebral Cortex*, **2020**, 30, 1234-1243	5.1	6
189	Age-related visual dynamics in HIV-infected adults with cognitive impairment. *Neurology: Neuroimmunology and NeuroInflammation*, **2020**, 7,	9.1	10
188	Chronic morphine administration differentially modulates viral reservoirs in SIVmac251 infected rhesus macaque model. *Journal of Virology*, **2020**,	6.6	6
187	Secreted Metabolome of Human Macrophages Exposed to Methamphetamine. *Analytical Chemistry* , **2019**, 91, 9190-9197	7.8	0
186	Downregulation of an Evolutionary Young miR-1290 in an iPSC-Derived Neural Stem Cell Model of Autism Spectrum Disorder. *Stem Cells International*, **2019**, 2019, 8710180	5	13

185	Quantitative Proteomics of Presynaptic Mitochondria Reveal an Overexpression and Biological Relevance of Neuronal MitoNEET in Postnatal Brain Development. *Developmental Neurobiology*, **2019**, 79, 370-386	3.2	8
184	The integrated National NeuroAIDS Tissue Consortium database: a rich platform for neuroHIV research. *Database: the Journal of Biological Databases and Curation*, **2019**, 2019,	5	8
183	A mouse model of seizures in anti-N-methyl-d-aspartate receptor encephalitis. *Epilepsia*, **2019**, 60, 452-463	5.4	27
182	Creation of a long-acting rilpivirine prodrug nanoformulation. *Journal of Controlled Release*, **2019**, 311-312, 201-211	11.7	11
181	Direct contacts of microglia on myelin sheath and Ranvier's node in the corpus callosum in rats. *Journal of Biomedical Research*, **2019**, 33, 192-200	1.5	6
180	Severer nodular lesion in white matter than in gray matter in simian immunodeficiency virus-infected monkey, but not closely correlated with viral infection. *Journal of Biomedical Research*, **2019**, 34, 292-300	1.5	2
179	Sirtuin 1-Chromatin-Binding Dynamics Points to a Common Mechanism Regulating Inflammatory Targets in SIV Infection and in the Aging Brain. *Journal of NeuroImmune Pharmacology*, **2018**, 13, 163-178	6.9	10
178	Creation of a nanoformulated cabotegravir prodrug with improved antiretroviral profiles. *Biomaterials*, **2018**, 151, 53-65	15.6	58
177	Pharmacokinetics of a Long-Acting Nanoformulated Dolutegravir Prodrug in Rhesus Macaques. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	22
176	Multimodal Theranostic Nanoformulations Permit Magnetic Resonance Bioimaging of Antiretroviral Drug Particle Tissue-Cell Biodistribution. *Theranostics*, **2018**, 8, 256-276	12.1	32
175	Aberrant occipital dynamics differentiate HIV-infected patients with and without cognitive impairment. *Brain*, **2018**, 141, 1678-1690	11.2	50
174	Aberrant oscillatory dynamics during somatosensory processing in HIV-infected adults. *NeuroImage: Clinical*, **2018**, 20, 85-91	5.3	35
173	Molecular mechanisms of long noncoding RNAs and their role in disease pathogenesis. *Oncotarget*, **2018**, 9, 18648-18663	3.3	101
172	Neural dynamics of selective attention deficits in HIV-associated neurocognitive disorder. *Neurology*, **2018**, 91, e1860-e1869	6.5	33
171	Proteomic and functional data sets on synaptic mitochondria from rats with genetic ablation of. *Data in Brief*, **2018**, 20, 568-572	1.2	1
170	Aberrant Neuronal Dynamics during Working Memory Operations in the Aging HIV-Infected Brain. *Scientific Reports*, **2017**, 7, 41568	4.9	31
169	HIV-Associated Neurocognitive Disorders **2017**, 407-420		
168	Tat-Mediated Induction of miRs-34a & -138 Promotes Astrocytic Activation via Downregulation of SIRT1: Implications for Aging in HAND. *Journal of NeuroImmune Pharmacology*, **2017**, 12, 420-432	6.9	19

167	Modifications in acute phase and complement systems predict shifts in cognitive status of HIV-infected patients. *Aids*, **2017**, 31, 1365-1378	3.5	6
166	Measures of Physical and Mental Independence Among HIV-Positive Individuals: Impact of Substance Use Disorder. *AIDS Research and Human Retroviruses*, **2017**, 33, 1048-1055	1.6	2
165	Central nervous system-penetrating antiretrovirals impair energetic reserve in striatal nerve terminals. *Journal of NeuroVirology*, **2017**, 23, 795-807	3.9	20
164	Astrocyte-specific overexpressed gene signatures in response to methamphetamine exposure in vitro. *Journal of Neuroinflammation*, **2017**, 14, 49	10.1	20
163	Induction of miR-155 after Brain Injury Promotes Type 1 Interferon and has a Neuroprotective Effect. *Frontiers in Molecular Neuroscience*, **2017**, 10, 228	6.1	32
162	Osteopontin Impacts Pathogenesis and Resistance by Regulating Inflammasome Components and Cell Death in the Central Nervous System at Early Time Points. *Mediators of Inflammation*, **2017**, 2017, 7582437	4.3	4
161	Proteomic Analysis of Neuronal Mitochondria. *Neuromethods*, **2017**, 299-319	0.4	
160	Emerging roles of extracellular vesicles in neurodegenerative disorders: focus on HIV-associated neurological complications. *Cell Death and Disease*, **2016**, 7, e2481	9.8	34
159	Methamphetamine abuse affects gene expression in brain-derived microglia of SIV-infected macaques to enhance inflammation and promote virus targets. *BMC Immunology*, **2016**, 17, 7	3.7	30
158	Early Expression of Parkinson?s Disease-Related Mitochondrial Abnormalities in PINK1 Knockout Rats. *Molecular Neurobiology*, **2016**, 53, 171-186	6.2	56
157	Neonatal mitochondrial abnormalities due to PINK1 deficiency: Proteomics reveals early changes relevant to Parkinson?s disease. *Data in Brief*, **2016**, 6, 428-32	1.2	8
156	HIV-1 transgenic rats display mitochondrial abnormalities consistent with abnormal energy generation and distribution. *Journal of NeuroVirology*, **2016**, 22, 564-574	3.9	27
155	Metabolic drift in the aging brain. *Aging*, **2016**, 8, 1000-20	5.6	56
154	The Proteomic Characterization of Plasma or Serum from HIV-Infected Patients. *Methods in Molecular Biology*, **2016**, 1354, 293-310	1.4	6
153	Traumatic brain injury increases levels of miR-21 in extracellular vesicles: implications for neuroinflammation. *FEBS Open Bio*, **2016**, 6, 835-46	2.7	91
152	Methylome-wide Analysis of Chronic HIV Infection Reveals Five-Year Increase in Biological Age and Epigenetic Targeting of HLA. *Molecular Cell*, **2016**, 62, 157-168	17.6	166
151	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. *Proteomics - Clinical Applications*, **2016**, 10, 1205-1217	3.1	17
150	SWATH-MS proteome profiling data comparison of DJ-1, Parkin, and PINK1 knockout rat striatal mitochondria. *Data in Brief*, **2016**, 9, 589-593	1.2	8

149	Chronic SIV and morphine treatment increases heat shock protein 5 expression at the synapse. *Journal of NeuroVirology*, **2015**, 21, 592-8	3.9	4
148	Data for mitochondrial proteomic alterations in the aging mouse brain. *Data in Brief*, **2015**, 4, 127-9	1.2	5
147	The National NeuroAIDS Tissue Consortium (NNTC) Database: an integrated database for HIV-related studies. *Database: the Journal of Biological Databases and Curation*, **2015**, 2015, bav074	5	5
146	Acute and Chronic Ethanol Administration Differentially Modulate Hepatic Autophagy and Transcription Factor EB. *Alcoholism: Clinical and Experimental Research*, **2015**, 39, 2354-63	3.7	67
145	Multimodal neuroimaging evidence of alterations in cortical structure and function in HIV-infected older adults. *Human Brain Mapping*, **2015**, 36, 897-910	5.9	52
144	Phenotypic changes in the brain of SIV-infected macaques exposed to methamphetamine parallel macrophage activation patterns induced by the common gamma-chain cytokine system. *Frontiers in Microbiology*, **2015**, 6, 900	5.7	16
143	MiR-21 in Extracellular Vesicles Leads to Neurotoxicity via TLR7 Signaling in SIV Neurological Disease. *PLoS Pathogens*, **2015**, 11, e1005032	7.6	76
142	Coexpression Network Analysis of miRNA-142 Overexpression in Neuronal Cells. *BioMed Research International*, **2015**, 2015, 921517	3	3
141	Proteomic analysis and functional characterization of mouse brain mitochondria during aging reveal alterations in energy metabolism. *Proteomics*, **2015**, 15, 1574-86	4.8	32
140	CD8+ T cells maintain suppression of simian immunodeficiency virus in the central nervous system. *Journal of Infectious Diseases*, **2015**, 211, 40-4	7	14
139	The 20th scientific conference of the Society on NeuroImmune Pharmacology. *Journal of NeuroImmune Pharmacology*, **2014**, 9, 1-2	6.9	2
138	The 20th Scientific Conference of the Society on NeuroImmune Pharmacology. *Journal of NeuroImmune Pharmacology*, **2014**, 9, 1-2	6.9	1
137	Brain region mapping using global metabolomics. *Chemistry and Biology*, **2014**, 21, 1575-84		54
136	Enhanced methamphetamine metabolism in rhesus macaque as compared with human: an analysis using a novel method of liquid chromatography with tandem mass spectrometry, kinetic study, and substrate docking. *Drug Metabolism and Disposition*, **2014**, 42, 2097-108	4	8
135	Data for mitochondrial proteomic alterations in the developing rat brain. *Data in Brief*, **2014**, 1, 42-5	1.2	2
134	TLR signaling controls lethal encephalitis in WNV-infected brain. *Brain Research*, **2014**, 1574, 84-95	3.7	19
133	Proteomic analysis of the mitochondria from embryonic and postnatal rat brains reveals response to developmental changes in energy demands. *Journal of Proteomics*, **2014**, 109, 228-39	3.9	18
132	Quantitative proteomics of synaptic and nonsynaptic mitochondria: insights for synaptic mitochondrial vulnerability. *Journal of Proteome Research*, **2014**, 13, 2620-36	5.6	59

131	Quantitative proteomics by SWATH-MS reveals altered expression of nucleic acid binding and regulatory proteins in HIV-1-infected macrophages. *Journal of Proteome Research*, **2014**, 13, 2109-19	5.6	54
130	The evolutionary young miR-1290 favors mitotic exit and differentiation of human neural progenitors through altering the cell cycle proteins. *Cell Death and Disease*, **2014**, 5, e982	9.8	21
129	Efavirenz induces neuronal autophagy and mitochondrial alterations. *Journal of Pharmacology and Experimental Therapeutics*, **2014**, 351, 250-8	4.7	37
128	Osteopontin expression in the brain triggers localized inflammation and cell death when immune cells are activated by pertussis toxin. *Mediators of Inflammation*, **2014**, 2014, 358218	4.3	5
127	Pharmacokinetics, biodistribution, and toxicity of folic acid-coated antiretroviral nanoformulations. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 7510-9	5.9	18
126	Aging synaptic mitochondria exhibit dynamic proteomic changes while maintaining bioenergetic function. *Aging*, **2014**, 6, 320-34	5.6	46
125	HIV/NeuroAIDS **2014**, 247-262		
124	Isolation of Synaptosomes from Archived Brain Tissues. *Springer Protocols*, **2014**, 145-152	0.3	1
123	Transcriptome meta-analysis reveals a central role for sex steroids in the degeneration of hippocampal neurons in Alzheimerβ disease. *BMC Systems Biology*, **2013**, 7, 51	3.5	26
122	Functional brain abnormalities during finger-tapping in HIV-infected older adults: a magnetoencephalography study. *Journal of NeuroImmune Pharmacology*, **2013**, 8, 965-74	6.9	47
121	Up-regulation of microRNA-142 in simian immunodeficiency virus encephalitis leads to repression of sirtuin1. *FASEB Journal*, **2013**, 27, 3720-9	0.9	53
120	Quantitative proteomics reveals oxygen-dependent changes in neuronal mitochondria affecting function and sensitivity to rotenone. *Journal of Proteome Research*, **2013**, 12, 4599-606	5.6	18
119	Autophagy-mediated turnover of dynamin-related protein 1. *BMC Neuroscience*, **2013**, 14, 86	3.2	28
118	Biomarkers for NeuroAIDS: recent progress in the field. *Journal of NeuroImmune Pharmacology*, **2013**, 8, 1055-8	6.9	3
117	Preclinical pharmacokinetics and tissue distribution of long-acting nanoformulated antiretroviral therapy. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 3110-20	5.9	61
116	Multilevel regulation of autophagosome content by ethanol oxidation in HepG2 cells. *Autophagy*, **2013**, 9, 63-73	10.2	59
115	N-methyl-D-aspartate receptor-mediated axonal injury in adult rat corpus callosum. *Journal of Neuroscience Research*, **2013**, 91, 240-8	4.4	14
114	Decreased MEG beta oscillations in HIV-infected older adults during the resting state. *Journal of NeuroVirology*, **2013**, 19, 586-94	3.9	26

113	Pilot study of younger and older HIV-infected adults using traditional and novel functional assessments. *HIV Clinical Trials*, **2013**, 14, 165-74		15
112	Increased toll-like receptor signaling pathways characterize CD8+ cells in rapidly progressive SIV infection. *BioMed Research International*, **2013**, 2013, 796014	3	6
111	ROS and Sympathetically Mediated Mitochondria Activation in Brown Adipose Tissue Contribute to Methamphetamine-Induced Hyperthermia. *Frontiers in Endocrinology*, **2013**, 4, 44	5.7	19
110	Neurovirological correlation with HIV-associated neurocognitive disorders and encephalitis in a HAART-era cohort. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2013**, 62, 487-95	3.1	89
109	Abnormal MEG oscillatory activity during visual processing in the prefrontal cortices and frontal eye-fields of the aging HIV brain. *PLoS ONE*, **2013**, 8, e66241	3.7	24
108	Combined fluorescent in situ hybridization for detection of microRNAs and immunofluorescent labeling for cell-type markers. *Frontiers in Cellular Neuroscience*, **2013**, 7, 160	6.1	37
107	MicroRNA-142 reduces monoamine oxidase A expression and activity in neuronal cells by downregulating SIRT1. *PLoS ONE*, **2013**, 8, e79579	3.7	23
106	Comparison of 4-plex to 8-plex iTRAQ quantitative measurements of proteins in human plasma samples. *Journal of Proteome Research*, **2012**, 11, 3774-81	5.6	65
105	Proteasome activity and autophagosome content in liver are reciprocally regulated by ethanol treatment. *Biochemical and Biophysical Research Communications*, **2012**, 417, 262-7	3.4	46
104	Changes in the plasma proteome follows chronic opiate administration in simian immunodeficiency virus infected rhesus macaques. *Drug and Alcohol Dependence*, **2012**, 120, 105-12	4.9	8
103	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
102	Plasma proteomic profiling in HIV-1 infected methamphetamine abusers. *PLoS ONE*, **2012**, 7, e31031	3.7	15
101	Methamphetamine and inflammatory cytokines increase neuronal Na+/K+-ATPase isoform 3: relevance for HIV associated neurocognitive disorders. *PLoS ONE*, **2012**, 7, e37604	3.7	14
100	Plasma gelsolin accumulates in macrophage nodules in brains of simian immunodeficiency virus infected rhesus macaques. *Journal of NeuroVirology*, **2012**, 18, 113-9	3.9	4
99	Translating the brain transcriptome in neuroAIDS: from non-human primates to humans. *Journal of NeuroImmune Pharmacology*, **2012**, 7, 372-9	6.9	25
98	Commentary: Animal models of neuroAIDS. *Journal of NeuroImmune Pharmacology*, **2012**, 7, 301-5	6.9	5
97	Exosome-mediated shuttling of microRNA-29 regulates HIV Tat and morphine-mediated neuronal dysfunction. *Cell Death and Disease*, **2012**, 3, e381	9.8	143
96	Protective role for the disulfide isomerase PDIA3 in methamphetamine neurotoxicity. *PLoS ONE*, **2012**, 7, e38909	3.7	17

95	The National NeuroAIDS Tissue Consortium brain gene array: two types of HIV-associated neurocognitive impairment. *PLoS ONE*, **2012**, 7, e46178	3.7	119
94	Methamphetamine administration targets multiple immune subsets and induces phenotypic alterations suggestive of immunosuppression. *PLoS ONE*, **2012**, 7, e49897	3.7	36
93	HIV-1 gp120-induced axonal injury detected by accumulation of β-amyloid precursor protein in adult rat corpus callosum. *Journal of NeuroImmune Pharmacology*, **2011**, 6, 650-7	6.9	28
92	Upregulation of cathepsin D in the caudate nucleus of primates with experimental parkinsonism. *Molecular Neurodegeneration*, **2011**, 6, 52	19	26
91	Pulsed stable isotope labeling of amino acids in cell culture uncovers the dynamic interactions between HIV-1 and the monocyte-derived macrophage. *Journal of Proteome Research*, **2011**, 10, 2852-62	5.6	18
90	Oxygen matters: tissue culture oxygen levels affect mitochondrial function and structure as well as responses to HIV viroproteins. *Cell Death and Disease*, **2011**, 2, e246	9.8	66
89	Short communication: quantitative proteomic plasma profiling reveals activation of host defense to oxidative stress in chronic SIV and methamphetamine comorbidity. *AIDS Research and Human Retroviruses*, **2011**, 27, 179-82	1.6	10
88	MicroRNA-21 dysregulates the expression of MEF2C in neurons in monkey and human SIV/HIV neurological disease. *Cell Death and Disease*, **2010**, 1, e77	9.8	85
87	Plasma proteomic analysis of simian immunodeficiency virus infection of rhesus macaques. *Journal of Proteome Research*, **2010**, 9, 4721-31	5.6	21
86	Quantitative plasma proteomic profiling identifies the vitamin E binding protein afamin as a potential pathogenic factor in SIV induced CNS disease. *Journal of Proteome Research*, **2010**, 9, 352-8	5.6	31
85	Methamphetamine increases brain viral load and activates natural killer cells in simian immunodeficiency virus-infected monkeys. *American Journal of Pathology*, **2010**, 177, 355-61	5.8	63
84	Proteomic and metabolomic strategies to investigate HIV-associated neurocognitive disorders. *Genome Medicine*, **2010**, 2, 22	14.4	11
83	A technique for intracisternal collection and administration in a rhesus macaque. *Lab Animal*, **2010**, 39, 307-11	0.4	7
82	Defining larger roles for "tiny" RNA molecules: role of miRNAs in neurodegeneration research. *Journal of NeuroImmune Pharmacology*, **2010**, 5, 63-9	6.9	19
81	Advances in the "omics" for diagnosis, pathogenesis, and therapeutic development. *Journal of NeuroImmune Pharmacology*, **2010**, 5, 1-3	6.9	
80	16th Annual Conference of the Society on Neuroimmune Pharmacology. *Journal of NeuroImmune Pharmacology*, **2010**, 5, 1-2	6.9	
79	Epithelial progenitor 1, a novel factor associated with epithelial cell growth and differentiation. *Endocrine*, **2010**, 37, 312-21	4	2
78	An integrated systems analysis implicates EGR1 downregulation in simian immunodeficiency virus encephalitis-induced neural dysfunction. *Journal of Neuroscience*, **2009**, 29, 12467-76	6.6	28

77	Elevated ATG5 expression in autoimmune demyelination and multiple sclerosis. *Autophagy*, **2009**, 5, 152-8	10.2	111
76	Themis controls thymocyte selection through regulation of T cell antigen receptor-mediated signaling. *Nature Immunology*, **2009**, 10, 848-56	19.1	98
75	A coat of many colors: neuroimmune crosstalk in human immunodeficiency virus infection. *Neuron*, **2009**, 64, 133-45	13.9	95
74	Cerebrospinal fluid proteomics reveals potential pathogenic changes in the brains of SIV-infected monkeys. *Journal of Proteome Research*, **2009**, 8, 2253-60	5.6	30
73	Early antiretroviral treatment prevents the development of central nervous system abnormalities in simian immunodeficiency virus-infected rhesus monkeys. *Aids*, **2009**, 23, 1187-95	3.5	20
72	Chronic alcohol consumption generates a vulnerable immune environment during early SIV infection in rhesus macaques. *Alcoholism: Clinical and Experimental Research*, **2008**, 32, 1583-92	3.7	30
71	In vivo osteopontin-induced macrophage accumulation is dependent on CD44 expression. *Cellular Immunology*, **2008**, 254, 56-62	4.4	24
70	Increased expression of monocyte CD44v6 correlates with the deveopment of encephalitis in rhesus macaques infected with simian immunodeficiency virus. *Journal of Infectious Diseases*, **2008**, 197, 1567-76	7	19
69	Decreased neuronal autophagy in HIV dementia: a mechanism of indirect neurotoxicity. *Autophagy*, **2008**, 4, 963-6	10.2	62
68	Osteopontin is increased in HIV-associated dementia. *Journal of Infectious Diseases*, **2008**, 198, 715-22	7	37
67	Disruption of neuronal autophagy by infected microglia results in neurodegeneration. *PLoS ONE*, **2008**, 3, e2906	3.7	120
66	Macrophage-derived simian immunodeficiency virus exhibits enhanced infectivity by comparison with T-cell-derived virus. *Journal of Virology*, **2008**, 82, 1615-21	6.6	12
65	CD4 deficits and disease course acceleration can be driven by a collapse of the CD8 response in rhesus macaques infected with simian immunodeficiency virus. *Aids*, **2008**, 22, 1441-52	3.5	6
64	Chronic methamphetamine induces structural changes in frontal cortex neurons and upregulates type I interferons. *Journal of NeuroImmune Pharmacology*, **2008**, 3, 241-5	6.9	11
63	Virus-host interaction in the simian immunodeficiency virus-infected brain. *Journal of NeuroVirology* , **2008**, 14, 286-91	3.9	14
62	Neuronal injury in simian immunodeficiency virus and other animal models of neuroAIDS. *Journal of NeuroVirology*, **2008**, 14, 327-39	3.9	22
61	Metabolomic analysis of the cerebrospinal fluid reveals changes in phospholipase expression in the CNS of SIV-infected macaques. *Journal of Clinical Investigation*, **2008**, 118, 2661-9	15.9	105
60	IFN-gamma-induced IDO and WRS expression in microglia is differentially regulated by IL-4. *Glia*, **2007**, 55, 1385-96	9	44

59	Biomarkers for neuroAIDS: the widening scope of metabolomics. *Journal of NeuroImmune Pharmacology*, **2007**, 2, 72-80	6.9	28
58	Battle of animal models. *Journal of NeuroImmune Pharmacology*, **2007**, 2, 171-7	6.9	3
57	Enrichment and persistence of virus-specific CTL in the brain of simian immunodeficiency virus-infected monkeys is associated with a unique cytokine environment. *Journal of Immunology*, **2007**, 178, 5812-9	5.3	40
56	Human immunodeficiency virus-1/surface glycoprotein 120 induces apoptosis through RNA-activated protein kinase signaling in neurons. *Journal of Neuroscience*, **2007**, 27, 11047-55	6.6	51
55	Effects of simian immunodeficiency virus on the circadian rhythms of body temperature and gross locomotor activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 15138-43	11.5	25
54	Osteopontin prevents monocyte recirculation and apoptosis. *Journal of Leukocyte Biology*, **2007**, 81, 1504-11	6.5	61
53	Robust and stable drinking behavior following long-term oral alcohol intake in rhesus macaques. *Drug and Alcohol Dependence*, **2007**, 91, 236-43	4.9	14
52	Neuroimmunity, drugs of abuse, and neuroAIDS. *Journal of NeuroImmune Pharmacology*, **2006**, 1, 41-9	6.9	24
51	Trim5alpha accelerates degradation of cytosolic capsid associated with productive HIV-1 entry. *Journal of Biological Chemistry*, **2006**, 281, 37025-33	5.4	42
50	Simian immunodeficiency virus-induced CD4+ T cell deficits in cytokine secretion profile are dependent on monkey origin. *Viral Immunology*, **2006**, 19, 679-89	1.7	16
49	Host response and dysfunction in the CNS during chronic simian immunodeficiency virus infection. *Journal of Neuroscience*, **2006**, 26, 4577-85	6.6	30
48	Immune regulatory mechanisms influence early pathology in spinal cord injury and in spontaneous autoimmune encephalomyelitis. *American Journal of Pathology*, **2005**, 166, 1749-60	5.8	11
47	Development and characterization of positively selected brain-adapted SIV. *Virology Journal*, **2005**, 2, 44	6.1	13
46	Susceptibility of Chinese rhesus monkeys to SIV infection. *Aids*, **2005**, 19, 1704-6	3.5	45
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