Howard S Fox

List of Publications by Year
in descending order

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Version: 2024-02-01

227 papers	13,143 citations	28274 55 h-index	28297 105 g-index
237 all docs	237 docs citations	237 times ranked	19710 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	A Gender Gap in Autoimmunity. Science, 1999, 283, 1277-1278.	12.6	772
3	A Central Role for CD4+ T Cells and RANTES in Virus-Induced Central Nervous System Inflammation and Demyelination. Journal of Virology, 2000, 74, 1415-1424.	3.4	234
4	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.	9.7	233
5	Molecular clones of the mouse t complex derived from microdissected metaphase chromosomes. Cell, 1984, 36, 783-788.	28.9	224
6	Selective Decrease in Paracellular Conductance of Tight Junctions: Role of the First Extracellular Domain of Claudin-5. Molecular and Cellular Biology, 2004, 24, 8408-8417.	2.3	183
7	Exosome-mediated shuttling of microRNA-29 regulates HIV Tat and morphine-mediated Neuronal dysfunction. Cell Death and Disease, 2012, 3, e381-e381.	6.3	172
8	Induction of Pathogenic Sets of Genes in Macrophages and Neurons in NeuroAIDS. American Journal of Pathology, 2003, 162, 2041-2057.	3.8	169
9	The National NeuroAIDS Tissue Consortium Brain Gene Array: Two Types of HIV-Associated Neurocognitive Impairment. PLoS ONE, 2012, 7, e46178.	2.5	150
10	Molecular mechanisms of long noncoding RNAs and their role in disease pathogenesis. Oncotarget, 2018, 9, 18648-18663.	1.8	144
11	Myasthenia gravis-like syndrome induced by expression of interferon gamma in the neuromuscular junction.. Journal of Experimental Medicine, 1995, 181, 547-557.	8.5	138
12	Molecular probes define different regions of the mouse t complex. Cell, 1985, 40, 63-69.	28.9	134
13	Disruption of Neuronal Autophagy by Infected Microglia Results in Neurodegeneration. PLoS ONE, 2008, 3, e2906.	2.5	134
14	Elevated ATG5 expression in autoimmune demyelination and multiple sclerosis. Autophagy, 2009, 5, 152-158.	9.1	132
15	Interferon-Independent, Human Immunodeficiency Virus Type 1 gp120-Mediated Induction of CXCL10/IP-10 Gene Expression by Astrocytes In Vivo and In Vitro. Journal of Virology, 2001, 75, 7067-7077.	3.4	127
16	Traumatic brain injury increases levels of miRâ€21 in extracellular vesicles: implications for neuroinflammation. FEBS Open Bio, 2016, 6, 835-846.	2.3	127
17	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.	8.2	125
18	CD4 Independence of Simian Immunodeficiency Virus Envs Is Associated with Macrophage Tropism, Neutralization Sensitivity, and Attenuated Pathogenicity. Journal of Virology, 2002, 76, 2595-2605.	3.4	122

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19	Themis controls thymocyte selection through regulation of T cell antigen receptorâ€“mediated signaling. Nature Immunology, 2009, 10, 848-856.	14.5	122
20	Neurovirological Correlation With HIV-Associated Neurocognitive Disorders and Encephalitis in a HAART-Era Cohort. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 62, 487-495.	2.1	111
21	A Coat of Many Colors: Neuroimmune Crosstalk in Human Immunodeficiency Virus Infection. Neuron, 2009, 64, 133-145.	8.1	110
22	Highly Activated CD8+ T Cells in the Brain Correlate with Early Central Nervous System Dysfunction in Simian Immunodeficiency Virus Infection. Journal of Immunology, 2001, 167, 5429-5438.	0.8	105
23	Increased mutation frequency of feline immunodeficiency virus lacking functional deoxyuridine-triphosphatase.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 7480-7484.	7.1	104
24	MiR-21 in Extracellular Vesicles Leads to Neurotoxicity via TLR7 Signaling in SIV Neurological Disease. PLoS Pathogens, 2015, 11, e1005032.	4.7	103
25	MicroRNA-21 dysregulates the expression of MEF2C in neurons in monkey and human SIV/HIV neurological disease. Cell Death and Disease, 2010, 1, e77-e77.	6.3	96
26	CD163 Identifies a Unique Population of Ramified Microglia in HIV Encephalitis (HIVE). Journal of Neuropathology and Experimental Neurology, 2004, 63, 1255-1264.	1.7	95
27	Analysis of the S3 and S3' subsite 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. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 939-944.	7.1	94
28	Patterns of gene dysregulation in the frontal cortex of patients with HIV encephalitis. Journal of Neuroimmunology, 2004, 157, 163-175.	2.3	94
29	Acute and Chronic Ethanol Administration Differentially Modulate Hepatic Autophagy and Transcription Factor EB. Alcoholism: Clinical and Experimental Research, 2015, 39, 2354-2363.	2.4	90
30	Metabolic drift in the aging brain. Aging, 2016, 8, 1000-1020.	3.1	89
31	Methamphetamine Increases Brain Viral Load and Activates Natural Killer Cells in Simian Immunodeficiency Virus-Infected Monkeys. American Journal of Pathology, 2010, 177, 355-361.	3.8	87
32	Quantitative Proteomics of Synaptic and Nonsynaptic Mitochondria: Insights for Synaptic Mitochondrial Vulnerability. Journal of Proteome Research, 2014, 13, 2620-2636.	3.7	80
33	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-e246.	6.3	78
34	Comparison of 4-plex to 8-plex iTRAQ Quantitative Measurements of Proteins in Human Plasma Samples. Journal of Proteome Research, 2012, 11, 3774-3781.	3.7	78
35	Creation of a nanoformulated cabotegravir prodrug with improved antiretroviral profiles. Biomaterials, 2018, 151, 53-65.	11.4	77
36	Acute SIV infection of the brain leads to upregulation of IL6 and interferon-regulated genes: expression patterns throughout disease progression and impact on neuroAIDS. Journal of Neuroimmunology, 2004, 157, 81-92.	2.3	76

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37	Osteopontin prevents monocyte recirculation and apoptosis. Journal of Leukocyte Biology, 2007, 81, 1504-1511.	3.3	75
38	Early Expression of Parkinsonâ€™s Disease-Related Mitochondrial Abnormalities in PINK1 Knockout Rats. Molecular Neurobiology, 2016, 53, 171-186.	4.0	75
39	Decreased neuronal autophagy in HIV dementia: A mechanism of indirect neurotoxicity. Autophagy, 2008, 4, 963-966.	9.1	72
40	Expression of Inflammatory Cytokines and Inducible Nitric Oxide Synthase in Brains of SIV-Infected Rhesus Monkeys: Applications to HIV-Induced Central Nervous System Disease. Molecular Medicine, 1996, 2, 27-37.	4.4	70
41	Preclinical Pharmacokinetics and Tissue Distribution of Long-Acting Nanoformulated Antiretroviral Therapy. Antimicrobial Agents and Chemotherapy, 2013, 57, 3110-3120.	3.2	70
42	Aberrant occipital dynamics differentiate HIV-infected patients with and without cognitive impairment. Brain, 2018, 141, 1678-1690.	7.6	69
43	Upâ€regulation of microRNAâ€142 in simian immunodeficiency virus encephalitis leads to repression of sirtuin1. FASEB Journal, 2013, 27, 3720-3729.	0.5	66
44	A year-long extended release nanoformulated cabotegravir prodrug. Nature Materials, 2020, 19, 910-920.	27.5	66
45	Brain Region Mapping Using Global Metabolomics. Chemistry and Biology, 2014, 21, 1575-1584.	6.0	65
46	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, 2109-2119.	3.7	65
47	Microglia-passaged simian immunodeficiency virus induces neurophysiological abnormalities in monkeys. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14158-14163.	7.1	64
48	NONHOMOLOGOUS PAIRING IN MICE HETEROZYGOUS FOR A t HAPLOTYPE CAN PRODUCE RECOMBINANT CHROMOSOMES WITH DUPLICATIONS AND DELETIONS. Genetics, 1986, 113, 723-734.	2.9	64
49	Human Immunodeficiency Virus-1/Surface Glycoprotein 120 Induces Apoptosis through RNA-Activated Protein Kinase Signaling in Neurons. Journal of Neuroscience, 2007, 27, 11047-11055.	3.6	62
50	Multilevel regulation of autophagosome content by ethanol oxidation in HepG2 cells. Autophagy, 2013, 9, 63-73.	9.1	62
51	Serial Passage of Microglial SIV Results in Selection of Homogeneous env Quasispecies in the Brain. Virology, 1995, 212, 458-465.	2.4	60
52	Multimodal neuroimaging evidence of alterations in cortical structure and function in HIVâ€infected older adults. Human Brain Mapping, 2015, 36, 897-910.	3.6	60
53	Functional Brain Abnormalities During Finger-Tapping in HIV-Infected Older Adults: A Magnetoencephalography Study. Journal of NeuroImmune Pharmacology, 2013, 8, 965-974.	4.1	58
54	Cladosporium trichoides Cerebral Phaeohyphomycosis in a Liver Transplant Recipient: Report of a Case. American Journal of Clinical Pathology, 1991, 95, 499-502.	0.7	57

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55	Antiviral treatment normalizes neurophysiological but not movement abnormalities in simian immunodeficiency virusâ€“infected monkeys. Journal of Clinical Investigation, 2000, 106, 37-45.	8.2	57
56	Aging synaptic mitochondria exhibit dynamic proteomic changes while maintaining bioenergetic function. Aging, 2014, 6, 320-334.	3.1	57
57	Impaired Performance on a Rhesus Monkey Neuropsychological Testing Battery following Simian Immunodeficiency Virus Infection. AIDS Research and Human Retroviruses, 2004, 20, 77-89.	1.1	54
58	Methamphetamine Administration Targets Multiple Immune Subsets and Induces Phenotypic Alterations Suggestive of Immunosuppression. PLoS ONE, 2012, 7, e49897.	2.5	54
59	Longitudinal analysis of behavioral, neurophysiological, viral and immunological effects of SIV infection in rhesus monkeys. Journal of Medical Primatology, 1998, 27, 104-112.	0.6	53
60	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.	2.2	53
61	Proteasome activity and autophagosome content in liver are reciprocally regulated by ethanol treatment. Biochemical and Biophysical Research Communications, 2012, 417, 262-267.	2.1	52
62	IFNâ€Î³â€induced IDO and WRS expression in microglia is differentially regulated by ILâ€4. Glia, 2007, 55, 1385-1396.	4.9	51
63	Osteopontin Is Increased in HIVâ€Associated Dementia. Journal of Infectious Diseases, 2008, 198, 715-722.	4.0	51
64	Early physiological abnormalities after simian immunodeficiency virus infection. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 15072-15077.	7.1	51
65	Simian Immunodeficiency Virus: A Model for NeuroAIDS. Neurobiology of Disease, 1997, 4, 265-274.	4.4	50
66	Emerging roles of extracellular vesicles in neurodegenerative disorders: focus on HIV-associated neurological complications. Cell Death and Disease, 2016, 7, e2481-e2481.	6.3	50
67	Methamphetamine stimulates interferon inducible genes in HIV infected brain. Journal of Neuroimmunology, 2005, 170, 158-171.	2.3	49
68	An alpha globin pseudogene is located within the mouse t complex. Immunogenetics, 1984, 19, 125-130.	2.4	48
69	Trim5Î± Accelerates Degradation of Cytosolic Capsid Associated with Productive HIV-1 Entry. Journal of Biological Chemistry, 2006, 281, 37025-37033.	3.4	48
70	Neural dynamics of selective attention deficits in HIV-associated neurocognitive disorder. Neurology, 2018, 91, e1860-e1869.	1.1	48
71	Susceptibility of Chinese rhesus monkeys to SIV infection. Aids, 2005, 19, 1704-1706.	2.2	47
72	A mouse model of seizures in antiâ€“Nâ€methylâ€<scp>d</scp>â€aspartate receptor encephalitis. Epilepsia, 2019, 60, 452-463.	5.1	46

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73	Simian immunodeficiency virus model of HIV induced central nervous system dysfunction. Advances in Virus Research, 2001, 56, 435-468.	2.1	45
74	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, 5812-5819.	0.8	45
75	Combined fluorescent in situ hybridization for detection of microRNAs and immunofluorescent labeling for cell-type markers. Frontiers in Cellular Neuroscience, 2013, 7, 160.	3.7	43
76	Aberrant oscillatory dynamics during somatosensory processing in HIV-infected adults. NeuroImage: Clinical, 2018, 20, 85-91.	2.7	43
77	Regulation of Indoleamine 2,3-Dioxygenase Expression in Simian Immunodeficiency Virus-Infected Monkey Brains. Journal of Virology, 2002, 76, 12233-12241.	3.4	42
78	Modeling Human Methamphetamine Exposure in Nonhuman Primates: Chronic Dosing in the Rhesus Macaque Leads to Behavioral and Physiological Abnormalities. Neuropsychopharmacology, 2005, 30, 350-359.	5.4	42
79	Pathogenesis of Aging and Age-related Comorbidities in People with HIV: Highlights from the HIV ACTION Workshop. Pathogens and Immunity, 2020, 5, 143.	3.1	42
80	Efavirenz Induces Neuronal Autophagy and Mitochondrial Alterations. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 250-258.	2.5	41
81	Multimodal Theranostic Nanoformulations Permit Magnetic Resonance Bioimaging of Antiretroviral Drug Particle Tissue-Cell Biodistribution. Theranostics, 2018, 8, 256-276.	10.0	40
82	Defining cerebrospinal fluid HIV RNA escape. Aids, 2019, 33, S107-S111.	2.2	40
83	CD8+ cell depletion amplifies the acute retroviral syndrome. Journal of NeuroVirology, 2004, 10, 58-66.	2.1	39
84	Transcriptome meta-analysis reveals a central role for sex steroids in the degeneration of hippocampal neurons in Alzheimerâ€™s disease. BMC Systems Biology, 2013, 7, 51.	3.0	39
85	Aberrant Neuronal Dynamics during Working Memory Operations in the Aging HIV-Infected Brain. Scientific Reports, 2017, 7, 41568.	3.3	39
86	Efficient infection of brain microvascular endothelial cells by aninvivo-selected neuroinvasive SIVmacvariant. Journal of NeuroVirology, 1998, 4, 269-280.	2.1	38
87	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. Journal of NeuroVirology, 1999, 5, 48-54.	2.1	38
88	CD8+ cell depletion amplifies the acute retroviral syndrome. Journal of NeuroVirology, 2004, 10, 58-66.	2.1	38
89	Proteomic analysis and functional characterization of mouse brain mitochondria during aging reveal alterations in energy metabolism. Proteomics, 2015, 15, 1574-1586.	2.2	38
90	Chronic Alcohol Consumption Generates a Vulnerable Immune Environment During Early SIV Infection in Rhesus Macaques. Alcoholism: Clinical and Experimental Research, 2008, 32, 1583-1592.	2.4	37

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91	An Integrated Systems Analysis Implicates EGR1 Downregulation in Simian Immunodeficiency Virus Encephalitis-Induced Neural Dysfunction. Journal of Neuroscience, 2009, 29, 12467-12476.	3.6	37
92	HIV-1 transgenic rats display mitochondrial abnormalities consistent with abnormal energy generation and distribution. Journal of NeuroVirology, 2016, 22, 564-574.	2.1	35
93	Induction of miR-155 after Brain Injury Promotes Type 1 Interferon and has a Neuroprotective Effect. Frontiers in Molecular Neuroscience, 2017, 10, 228.	2.9	35
94	CCR4-bearing T cells participate in autoimmune diabetes. Journal of Clinical Investigation, 2002, 110, 1675-1686.	8.2	35
95	Host Response and Dysfunction in the CNS during Chronic Simian Immunodeficiency Virus Infection. Journal of Neuroscience, 2006, 26, 4577-4585.	3.6	34
96	Astrocyte-specific overexpressed gene signatures in response to methamphetamine exposure in vitro. Journal of Neuroinflammation, 2017, 14, 49.	7.2	34
97	A mouse chromosome 17 gene encodes a testes-specific transcript with unusual properties. Immunogenetics, 1989, 30, 34-41.	2.4	33
98	Neuroimmunity, Drugs of Abuse, and neuroAIDS. Journal of NeuroImmune Pharmacology, 2006, 1, 41-49.	4.1	32
99	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, 15138-15143.	7.1	32
100	Cerebrospinal Fluid Proteomics Reveals Potential Pathogenic Changes in the Brains of SIV-Infected Monkeys. Journal of Proteome Research, 2009, 8, 2253-2260.	3.7	32
101	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, 352-358.	3.7	32
102	Upregulation of cathepsin D in the caudate nucleus of primates with experimental parkinsonism. Molecular Neurodegeneration, 2011, 6, 52.	10.8	32
103	Translating the Brain Transcriptome in NeuroAIDS: From Non-human Primates to Humans. Journal of NeuroImmune Pharmacology, 2012, 7, 372-379.	4.1	32
104	Biomarkers for NeuroAIDS: The Widening Scope of Metabolomics. Journal of NeuroImmune Pharmacology, 2007, 2, 72-80.	4.1	31
105	In vivo osteopontin-induced macrophage accumulation is dependent on CD44 expression. Cellular Immunology, 2008, 254, 56-62.	3.0	31
106	HIV-1 gp120-Induced Axonal Injury Detected by Accumulation of Î²-Amyloid Precursor Protein in Adult Rat Corpus Callosum. Journal of NeuroImmune Pharmacology, 2011, 6, 650-657.	4.1	31
107	Autophagy-mediated turnover of Dynamin-related Protein 1. BMC Neuroscience, 2013, 14, 86.	1.9	31
108	Controlled and Behaviorally Relevant Levels of Oral Ethanol Intake in Rhesus Macaques Using a Flavorantâ€Fade Procedure. Alcoholism: Clinical and Experimental Research, 2004, 28, 873-883.	2.4	30

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109	Decreased MEG beta oscillations in HIV-infected older adults during the resting state. Journal of NeuroVirology, 2013, 19, 586-594.	2.1	30
110	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.	4.1	30
111	Central nervous system-penetrating antiretrovirals impair energetic reserve in striatal nerve terminals. Journal of NeuroVirology, 2017, 23, 795-807.	2.1	30
112	Pharmacokinetics of a Long-Acting Nanoformulated Dolutegravir Prodrug in Rhesus Macaques. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	30
113	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.	2.5	29
114	Methamphetamine Increases the Proportion of SIV-Infected Microglia/Macrophages, Alters Metabolic Pathways, and Elevates Cell Death Pathways: A Single-Cell Analysis. Viruses, 2020, 12, 1297.	3.3	28
115	MicroRNA-142 Reduces Monoamine Oxidase A Expression and Activity in Neuronal Cells by Downregulating SIRT1. PLoS ONE, 2013, 8, e79579.	2.5	28
116	Neuronal injury in simian immunodeficiency virus and other animal models of neuroAIDS. Journal of NeuroVirology, 2008, 14, 327-339.	2.1	27
117	TLR signaling controls lethal encephalitis in WNV-infected brain. Brain Research, 2014, 1574, 84-95.	2.2	27
118	Establishment of embryonic stem cell lines from preimplantation mouse embryos homozygous for lethal mutations in the t-complex. Developmental Biology, 1987, 121, 20-28.	2.0	26
119	HIV-1 Tat-mediated astrocytic amyloidosisÂinvolves the HIF-1Î±/lncRNA BACE1-AS axis. PLoS Biology, 2020, 18, e3000660.	5.6	26
120	Increased Expression of Monocyte CD44v6 Correlates with the Development of Encephalitis in Rhesus Macaques Infected with Simian Immunodeficiency Virus. Journal of Infectious Diseases, 2008, 197, 1567-1576.	4.0	25
121	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-e982.	6.3	24
122	Loss of Pink1 modulates synaptic mitochondrial bioenergetics in the rat striatum prior to motor symptoms: concomitant complex I respiratory defects and increased complex IIâ€•mediated respiration. Proteomics - Clinical Applications, 2016, 10, 1205-1217.	1.6	24
123	Quantitative Proteomics Reveals Oxygen-Dependent Changes in Neuronal Mitochondria Affecting Function and Sensitivity to Rotenone. Journal of Proteome Research, 2013, 12, 4599-4606.	3.7	23
124	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.	3.5	23
125	Prefrontal gating of sensory input differentiates cognitively impaired and unimpaired aging adults with HIV. Brain Communications, 2020, 2, fcaa080.	3.3	23
126	Defining Larger Roles for â€œTinyâ€•RNA Molecules: Role of miRNAs in Neurodegeneration Research. Journal of NeuroImmune Pharmacology, 2010, 5, 63-69.	4.1	22

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127	Methamphetamine and Inflammatory Cytokines Increase Neuronal Na+/K+-ATPase Isoform 3: Relevance for HIV Associated Neurocognitive Disorders. PLoS ONE, 2012, 7, e37604.	2.5	22
128	Creation of a long-acting rilpivirine prodrug nanoformulation. Journal of Controlled Release, 2019, 311-312, 201-211.	9.9	22
129	Chronic Morphine Administration Differentially Modulates Viral Reservoirs in a Simian Immunodeficiency Virus SIVmac251-Infected Rhesus Macaque Model. Journal of Virology, 2021, 95, .	3.4	22
130	Highlights of the Global HIV-1 CSF Escape Consortium Meeting, 9 June 2016, Bethesda, MD, USA. Journal of Virus Eradication, 2016, 2, 243-250.	0.5	22
131	A comprehensive study to delineate the role of an extracellular vesicleâ€associated microRNAâ€29a in chronic methamphetamine use disorder. Journal of Extracellular Vesicles, 2021, 10, e12177.	12.2	22
132	Cortical neuronal cytoskeletal changes associated with FIV infection. Journal of NeuroVirology, 1997, 3, 283-289.	2.1	21
133	Plasma Proteomic Analysis of Simian Immunodeficiency Virus Infection of Rhesus Macaques. Journal of Proteome Research, 2010, 9, 4721-4731.	3.7	21
134	Pharmacokinetics, Biodistribution, and Toxicity of Folic Acid-Coated Antiretroviral Nanoformulations. Antimicrobial Agents and Chemotherapy, 2014, 58, 7510-7519.	3.2	21
135	Downregulation of an Evolutionary Young miR-1290 in an iPSC-Derived Neural Stem Cell Model of Autism Spectrum Disorder. Stem Cells International, 2019, 2019, 1-15.	2.5	21
136	Protective Role for the Disulfide Isomerase PDIA3 in Methamphetamine Neurotoxicity. PLoS ONE, 2012, 7, e38909.	2.5	21
137	Early antiretroviral treatment prevents the development of central nervous system abnormalities in simian immunodeficiency virus-infected rhesus monkeys. Aids, 2009, 23, 1187-1195.	2.2	20
138	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, 2852-2862.	3.7	20
139	ROS and Sympathetically Mediated Mitochondria Activation in Brown Adipose Tissue Contribute to Methamphetamine-Induced Hyperthermia. Frontiers in Endocrinology, 2013, 4, 44.	3.5	20
140	Proteomic analysis of the mitochondria from embryonic and postnatal rat brains reveals response to developmental changes in energy demands. Journal of Proteomics, 2014, 109, 228-239.	2.4	20
141	CD8⁺T Cells Maintain Suppression of Simian Immunodeficiency Virus in the Central Nervous System. Journal of Infectious Diseases, 2015, 211, 40-44.	4.0	20
142	Age-related visual dynamics in HIV-infected adults with cognitive impairment. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	20
143	Resolution and Prevention of Feline Immunodeficiency Virus-Induced Neurological Deficits by Treatment with the Protease Inhibitor TL-3. Journal of Virology, 2004, 78, 4525-4532.	3.4	19
144	Simian Immunodeficiency Virus-Induced CD4+T Cell Deficits in Cytokine Secretion Profile Are Dependent on Monkey Origin. Viral Immunology, 2006, 19, 679-689.	1.3	19

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145	Plasma Proteomic Profiling in HIV-1 Infected Methamphetamine Abusers. PLoS ONE, 2012, 7, e31031.	2.5	19
146	Association of Epigenetic Metrics of Biological Age With Cortical Thickness. JAMA Network Open, 2020, 3, e2015428.	5.9	18
147	Distinct clonal repertoire of brain CD8+ cells in simian immunodeficiency virus infection. Aids, 2003, 17, 1605-1611.	2.2	17
148	Robust and stable drinking behavior following long-term oral alcohol intake in rhesus macaques. Drug and Alcohol Dependence, 2007, 91, 236-243.	3.2	17
149	Interactions of Monocytes, HIV, and ART Identified by an Innovative scRNAseq Pipeline: Pathways to Reservoirs and HIV-Associated Comorbidities. MBio, 2020, 11, .	4.1	17
150	Nâ€methylâ€Dâ€aspartate receptorâ€mediated axonal injury in adult rat corpus callosum. Journal of Neuroscience Research, 2013, 91, 240-248.	2.9	16
151	Pilot Study of Younger and Older HIV-Infected Adults Using Traditional and Novel Functional Assessments. HIV Clinical Trials, 2013, 14, 165-174.	2.0	16
152	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.	4.1	15
153	Interactive effects of HIV and ageing on neural oscillations: independence from neuropsychological performance. Brain Communications, 2020, 2, fcaa015.	3.3	15
154	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.	6.1	15
155	Seizures and memory impairment induced by patientâ€derived antiâ€Nâ€methylâ€Dâ€aspartate receptor antibodies in mice are attenuated by anakinra, an interleukinâ€1 receptor antagonist. Epilepsia, 2021, 62, 671-682.	5.1	15
156	Reductions in Gray Matter Linked to Epigenetic HIV-Associated Accelerated Aging. Cerebral Cortex, 2021, 31, 3752-3763.	2.9	15
157	Development and characterization of positively selected brain-adapted SIV. Virology Journal, 2005, 2, 44.	3.4	14
158	Virus-host interaction in the simian immunodeficiency virusâ€“infected brain. Journal of NeuroVirology, 2008, 14, 286-291.	2.1	14
159	Cryopreservation of microglia enables single-cell RNA sequencing with minimal effects on disease-related gene expression patterns. IScience, 2021, 24, 102357.	4.1	14
160	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.	4.8	14
161	Macrophage-Derived Simian Immunodeficiency Virus Exhibits Enhanced Infectivity by Comparison with T-Cell-Derived Virus. Journal of Virology, 2008, 82, 1615-1621.	3.4	13
162	Quantitative Proteomics of Presynaptic Mitochondria Reveal an Overexpression and Biological Relevance of Neuronal MitoNEET in Postnatal Brain Development. Developmental Neurobiology, 2019, 79, 370-386.	3.0	13

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163	Epigenetic Markers of Aging Predict the Neural Oscillations Serving Selective Attention. Cerebral Cortex, 2020, 30, 1234-1243.	2.9	13
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