Joseph L Mankowski

List of Publications by Year
in descending order

79	4,436	117625 34	114465 63
papers	citations	h-index	g-index

88	88	88	4288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	124I-Iodo-DPA-713 Positron Emission Tomography in a Hamster Model of SARS-CoV-2 Infection. Molecular Imaging and Biology, 2022, 24, 135-143.	2.6	16
2	Progression and Resolution of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection in Golden Syrian Hamsters. American Journal of Pathology, 2022, 192, 195-207.	3.8	22
3	Successful kidney transplantation from a deceased donor with severe COVID-19 respiratory illness with undetectable SARS-CoV-2 in donor kidney and aorta. American Journal of Transplantation, 2022, 22, 1501-1503.	4.7	5
4	A bacterial extracellular vesicleâ€based intranasal vaccine against SARSâ€CoVâ€2 protects against disease and elicits neutralizing antibodies to wildâ€type and Delta variants. Journal of Extracellular Vesicles, 2022, 11, e12192.	12.2	60
5	Combining In Vivo Corneal Confocal Microscopy With Deep Learningâ€“Based Analysis Reveals Sensory Nerve Fiber Loss in Acute Simian Immunodeficiency Virus Infection. Cornea, 2021, 40, 635-642.	1.7	4
6	Psychosocial Stress Alters the Immune Response and Results in Higher Viral Load During Acute Simian Immunodeficiency Virus Infection in a Pigtailed Macaque Model of Human Immunodeficiency Virus. Journal of Infectious Diseases, 2021, 224, 2113-2121.	4.0	10
7	Sex Differences in Lung Imaging and SARS-CoV-2 Antibody Responses in a COVID-19 Golden Syrian Hamster Model. MBio, 2021, 12, e0097421.	4.1	69
8	Corneal confocal microscopy demonstrates axonal loss in different courses of multiple sclerosis. Scientific Reports, 2021, 11, 21688.	3.3	11
9	The pigtail macaque (Macaca nemestrina) model of COVID-19 reproduces diverse clinical outcomes and reveals new and complex signatures of disease. PLoS Pathogens, 2021, 17, e1010162.	4.7	11
10	Chromosome-level de novo assembly of the pig-tailed macaque genome using linked-read sequencing and HiC proximity scaffolding. GigaScience, 2020, 9, .	6.4	6
11	Upregulation of Superoxide Dismutase 2 by Astrocytes in the SIV/Macaque Model of HIV-Associated Neurologic Disease. Journal of Neuropathology and Experimental Neurology, 2020, 79, 986-997.	1.7	4
12	Deep learning-based analysis of macaque corneal sub-basal nerve fibers in confocal microscopy images. Eye and Vision (London, England), 2020, 7, 27.	3.0	13
13	Differential regulation of TREM2 and CSF1R in CNS macrophages in an SIV/macaque model of HIV CNS disease. Journal of NeuroVirology, 2020, 26, 511-519.	2.1	6
14	Myeloid and CD4 T Cells Comprise the Latent Reservoir in Antiretroviral Therapy-Suppressed SIVmac251-Infected Macaques. MBio, 2019, 10, .	4.1	64
15	The Landscape of Persistent Viral Genomes in ART-Treated SIV, SHIV, and HIV-2 Infections. Cell Host and Microbe, 2019, 26, 73-85.e4.	11.0	71
16	Infectious Virus Persists in CD4 ⁺ T Cells and Macrophages in Antiretroviral Therapy-Suppressed Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2019, 93, .	3.4	58
17	Comparative Anatomy of the Mammalian Corneal Subbasal Nerve Plexus. , 2019, 60, 4972.		22
18	SIV-Induced Immune Activation and Metabolic Alterations in the Dorsal Root Ganglia During Acute Infection. Journal of Neuropathology and Experimental Neurology, 2019, 78, 78-87.	1.7	15

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19	Increased Microglial CSF1R Expression in the SIV/Macaque Model of HIV CNS Disease. Journal of Neuropathology and Experimental Neurology, 2018, 77, 199-206.	1.7	20
20	An SIV/macaque model targeted to study HIV-associated neurocognitive disorders. Journal of NeuroVirology, 2018, 24, 204-212.	2.1	38
21	Lymphocyte-Dominant Encephalitis and Meningitis in Simian Immunodeficiency Virusâ€“Infected Macaques Receiving Antiretroviral Therapy. American Journal of Pathology, 2018, 188, 125-134.	3.8	8
22	SIV Latency in Macrophages in the CNS. Current Topics in Microbiology and Immunology, 2018, 417, 111-130.	1.1	22
23	Sodium Channel Na_v1.8 Underlies TTX-Resistant Axonal Action Potential Conduction in Somatosensory C-Fibers of Distal Cutaneous Nerves. Journal of Neuroscience, 2017, 37, 5204-5214.	3.6	33
24	HIV Protease Inhibitors Alter Amyloid Precursor Protein Processing via Î²-Site Amyloid Precursor Protein Cleaving Enzyme-1 Translational Up-Regulation. American Journal of Pathology, 2017, 187, 91-109.	3.8	29
25	Brain Macrophages in Simian Immunodeficiency Virus-Infected, Antiretroviral-Suppressed Macaques: a Functional Latent Reservoir. MBio, 2017, 8, .	4.1	131
26	Genetic Characterization of a Captive Colony of Pigtailed Macaques (). Journal of the American Association for Laboratory Animal Science, 2017, 56, 390-395.	1.2	4
27	Quantitation of Productively Infected Monocytes and Macrophages of Simian Immunodeficiency Virus-Infected Macaques. Journal of Virology, 2016, 90, 5643-5656.	3.4	93
28	Splenic Damage during SIV Infection. American Journal of Pathology, 2016, 186, 2068-2087.	3.8	17
29	Tracking Epidermal Nerve Fiber Changes in Asian Macaques. Toxicologic Pathology, 2016, 44, 904-912.	1.8	12
30	Central nervous system-specific consequences of simian immunodeficiency virus Gag escape from major histocompatibility complex class I-mediated control. Journal of NeuroVirology, 2016, 22, 498-507.	2.1	10
31	HIV-associated neurocognitive disorder â€" pathogenesis and prospects for treatment. Nature Reviews Neurology, 2016, 12, 234-248.	10.1	690
32	Persistent Peripheral Nervous System Damage in Simian Immunodeficiency Virusâ€"Infected Macaques Receiving Antiretroviral Therapy. Journal of Neuropathology and Experimental Neurology, 2015, 74, 1053-1060.	1.7	20
33	Neuroinflammation and Virus Replication in the Spinal Cord of Simian Immunodeficiency Virusâ€“Infected Macaques. Journal of Neuropathology and Experimental Neurology, 2015, 74, 38-47.	1.7	18
34	Constitutive BDNF/TrkB signaling is required for normal cardiac contraction and relaxation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1880-1885.	7.1	96
35	Macaque species susceptibility to simian immunodeficiency virus: increased incidence of SIV central nervous system disease in pigtailed macaques versus rhesus macaques. Journal of NeuroVirology, 2015, 21, 148-158.	2.1	25
36	A Murine Viral Outgrowth Assay to Detect Residual HIV Type 1 in Patients With Undetectable Viral Loads. Journal of Infectious Diseases, 2015, 212, 1387-1396.	4.0	63

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37	Paving the path to HIV neurotherapy: Predicting SIV CNS disease. European Journal of Pharmacology, 2015, 759, 303-312.	3.5	25
38	Combination fluconazole/paroxetine treatment is neuroprotective despite ongoing neuroinflammation and viral replication in an SIV model of HIV neurological disease. Journal of NeuroVirology, 2014, 20, 591-602.	2.1	24
39	Unraveling the Pathogenesis of HIV Peripheral Neuropathy: Insights from a Simian Immunodeficiency Virus Macaque Model. ILAR Journal, 2014, 54, 296-303.	1.8	30
40	Antiretroviral drugs induce oxidative stress and neuronal damage in the central nervous system. Journal of NeuroVirology, 2014, 20, 39-53.	2.1	151
41	Loss of Corneal Sensory Nerve Fibers in SIV-Infected Macaques. American Journal of Pathology, 2014, 184, 1652-1659.	3.8	16
42	TGFÎ²-Mediated Downregulation of Thrombopoietin Is Associated With Platelet Decline in Asymptomatic SIV Infection. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 65, 510-516.	2.1	13
43	Platelet Activation and Platelet-Monocyte Aggregate Formation Contribute to Decreased Platelet Count During Acute Simian Immunodeficiency Virus Infection in Pig-tailed Macaques. Journal of Infectious Diseases, 2013, 208, 874-883.	4.0	55
44	Neuroprotective maraviroc monotherapy in simian immunodeficiency virus-infected macaques. Aids, 2013, 27, F21-F28.	2.2	36
45	14-3-3 Protein in CSF Reflects SIV-Mediated Pre-Synaptic Damage. Current HIV Research, 2013, 11, 281-287.	0.5	3
46	Diastolic dysfunction is associated with myocardial viral load in simian immunodeficiency virus-infected macaques. Aids, 2012, 26, 815-823.	2.2	29
47	SIV-induced impairment of neurovascular repair: a potential role for VEGF. Journal of NeuroVirology, 2012, 18, 222-230.	2.1	13
48	HIV and SIV associated thrombocytopenia: an expanding role for platelets in the pathogenesis of HIV. Drug Discovery Today Disease Mechanisms, 2011, 8, e25-e32.	0.8	20
49	Macrophage-Mediated Dorsal Root Ganglion Damage Precedes Altered Nerve Conduction in SIV-Infected Macaques. American Journal of Pathology, 2011, 179, 2337-2345.	3.8	49
50	A simian immunodeficiency virus macaque model of highly active antiretroviral treatment: viral latency in the periphery and the central nervous system. Current Opinion in HIV and AIDS, 2011, 6, 37-42.	3.8	57
51	Mitochondrial dysfunction in distal axons contributes to human immunodeficiency virus sensory neuropathy. Annals of Neurology, 2011, 69, 100-110.	5.3	151
52	Replication-Competent Simian Immunodeficiency Virus (SIV) Gag Escape Mutations Archived in Latent Reservoirs during Antiretroviral Treatment of SIV-Infected Macaques. Journal of Virology, 2011, 85, 9167-9175.	3.4	34
53	Simian Immunodeficiency Virusâ€“Infected Macaques Treated with Highly Active Antiretroviral Therapy Have Reduced Central Nervous System Viral Replication and Inflammation but Persistence of Viral DNA. Journal of Infectious Diseases, 2010, 202, 161-170.	4.0	105
54	HIV and SIV Induce Alterations in CNS CaMKII Expression and Activation. American Journal of Pathology, 2010, 176, 2776-2784.	3.8	17

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55	Coordinated Regulation of SIV Replication and Immune Responses in the CNS. PLoS ONE, 2009, 4, e8129.	2.5	88
56	A Simian Immunodeficiency Virus-Infected Macaque Model To Study Viral Reservoirs That Persist during Highly Active Antiretroviral Therapy. Journal of Virology, 2009, 83, 9247-9257.	3.4	138
57	Altered cutaneous nerve regeneration in a simian immunodeficiency virus / macaque intracutaneous axotomy model. Journal of Comparative Neurology, 2009, 514, 272-283.	1.6	20
58	The accelerated simian immunodeficiency virus macaque model of human immunodeficiency virusâ€“associated neurological disease: From mechanism to treatment. Journal of NeuroVirology, 2008, 14, 309-317.	2.1	79
59	Natural Host Genetic Resistance to Lentiviral CNS Disease: A Neuroprotective MHC Class I Allele in SIV-Infected Macaques. PLoS ONE, 2008, 3, e3603.	2.5	21
60	Platelet Decline. Archives of Neurology, 2007, 64, 1264.	4.5	37
61	Pathogenesis of Simian Immunodeficiency Virus-Induced Alterations in Macaque Trigeminal Ganglia. Journal of Neuropathology and Experimental Neurology, 2007, 66, 26-34.	1.7	38
62	Progressive selection for neurovirulent genotypes in the brain of SIV-infected macaques. Aids, 2006, 20, 197-205.	2.2	19
63	Platelet decline: An early predictive hematologic marker of simian immunodeficiency virus central nervous system disease. Journal of NeuroVirology, 2006, 12, 25-33.	2.1	23
64	MHC class I allele frequencies in pigtail macaques of diverse origin. Immunogenetics, 2006, 58, 995-1001.	2.4	37
65	From Mice to Macaques â€“ Animal Models of HIV Nervous System Disease. Current HIV Research, 2006, 4, 293-305.	0.5	44
66	14-3-3 Protein in CSF: An Early Predictor of SIV CNS Disease. Journal of Neuropathology and Experimental Neurology, 2005, 64, 202-208.	1.7	17
67	The central nervous system is a viral reservoir in simian immunodeficiency virusâ€“infected macaques on combined antiretroviral therapy: A model for human immunodeficiency virus patients on highly active antiretroviral theraby. Journal of NeuroVirology, 2005, 11, 180-189.	2.1	40
68	Neuroprotective and Antiâ€“Human Immunodeficiency Virus Activity of Minocycline. JAMA - Journal of the American Medical Association, 2005, 293, 2003.	7.4	208
69	Elevated Peripheral Benzodiazepine Receptor Expression in Simian Immunodeficiency Virus Encephalitis. Journal of NeuroVirology, 2003, 9, 94-100.	2.1	35
70	Central Nervous System Correlates of Behavioral Deficits Following Simian Immunodeficiency Virus Infection. Journal of NeuroVirology, 2003, 9, 452-464.	2.1	49
71	Role of Microglial Cells in Selective Replication of Simian Immunodeficiency Virus Genotypes in the Brain. Journal of Virology, 2003, 77, 208-216.	3.4	39
72	Resting CD4 + T Lymphocytes but Not Thymocytes Provide a Latent Viral Reservoir in a Simian Immunodeficiency Virus- Macaca nemestrina Model of Human Immunodeficiency Virus Type 1-Infected Patients on Highly Active Antiretroviral Therapy. Journal of Virology, 2003, 77, 4938-4949.	3.4	117

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73	Central Nervous System Correlates of Behavioral Deficits Following Simian Immunodeficiency Virus Infection. Journal of NeuroVirology, 2003, 9, 452-464.	2.1	10
74	The Central Nervous System as a Reservoir for Simian Immunodeficiency Virus (SIV): Steadyâ€State Levels of SIV DNA in Brain from Acute through Asymptomatic Infection. Journal of Infectious Diseases, 2002, 186, 905-913.	4.0	163
75	Searching for Clues: Tracking the Pathogenesis of Human Immunodeficiency Virus Central Nervous System Disease by Use of an Accelerated, Consistent Simian Immunodeficiency Virus Macaque Model. Journal of Infectious Diseases, 2002, 186, S199-S208.	4.0	77
76	Functional analyses of natural killer cells in macaques infected with neurovirulent simian immunodeficiency virus. Journal of NeuroVirology, 2001, 7, 11-24.	2.1	40
77	Alterations in blood-brain barrier glucose transport in SIV-infected macaques. Journal of NeuroVirology, 1999, 5, 695-702.	2.1	26
78	High Viral Load in the Cerebrospinal Fluid and Brain Correlates with Severity of Simian Immunodeficiency Virus Encephalitis. Journal of Virology, 1999, 73, 10480-10488.	3.4	214
79	Pathogenesis of Simian Immunodeficiency Virus Pneumonia. American Journal of Pathology, 1998, 153, 1123-1130.	3.8	33