

Paul R Kinchington

List of Publications by Year in descending order

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101
papers

4,292
citations

126708

33
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123241

61
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108
all docs

108
docs citations

108
times ranked

3744
citing authors

#	ARTICLE	IF	CITATIONS
1	Varicella Zoster Virus Impairs Expression of the Nonclassical Major Histocompatibility Complex Class I-Related Gene Protein (MR1). <i>Journal of Infectious Diseases</i> , 2023, 227, 391-401.	1.9	11
2	Antiviral Targeting of Varicella Zoster Virus Replication and Neuronal Reactivation Using CRISPR/Cas9 Cleavage of the Duplicated Open Reading Frames 62/71. <i>Viruses</i> , 2022, 14, 378.	1.5	2
3	Variations in Aspects of Neural Precursor Cell Neurogenesis in a Human Model of HSV-1 Infection. <i>Organogenesis</i> , 2022, 18, 2055354.	0.4	4
4	Development of Robust Varicella Zoster Virus Luciferase Reporter Viruses for In Vivo Monitoring of Virus Growth and Its Antiviral Inhibition in Culture, Skin, and Humanized Mice. <i>Viruses</i> , 2022, 14, 826.	1.5	5
5	Studies of Infection and Experimental Reactivation by Recombinant VZV with Mutations in Virally-Encoded Small Non-Coding RNA. <i>Viruses</i> , 2022, 14, 1015.	1.5	0
6	Varicella-Zoster virus ORF9 is an antagonist of the DNA sensor cGAS. <i>EMBO Journal</i> , 2022, 41, .	3.5	21
7	Neurexin 3 β in the Central Amygdala has a Role in Orofacial Varicella Zoster Pain. <i>Neuroscience</i> , 2022, 496, 16-26.	1.1	1
8	Human induced pluripotent stem cells for modeling of herpes simplex virus 1 infections. , 2021, , 69-93.		0
9	Stem cell transplantation rescued a primary open-angle glaucoma mouse model. <i>ELife</i> , 2021, 10, .	2.8	23
10	Varicella-zoster virus early infection but not complete replication is required for the induction of chronic hypersensitivity in rat models of postherpetic neuralgia. <i>PLoS Pathogens</i> , 2021, 17, e1009689.	2.1	8
11	Locked-nucleotide antagonists to varicella zoster virus small non-coding RNA block viral growth and have potential as an anti-viral therapy. <i>Antiviral Research</i> , 2021, 193, 105144.	1.9	1
12	Local Immune Control of Latent Herpes Simplex Virus Type 1 in Ganglia of Mice and Man. <i>Frontiers in Immunology</i> , 2021, 12, 723809.	2.2	10
13	BNIP3L-mediated mitophagy is required for mitochondrial remodeling during the differentiation of optic nerve oligodendrocytes. <i>Autophagy</i> , 2021, 17, 3140-3159.	4.3	37
14	Varicella Zoster Virus Neuronal Latency and Reactivation Modeled in Vitro. <i>Current Topics in Microbiology and Immunology</i> , 2021, , .	0.7	1
15	A Guide to Preclinical Models of Zoster-Associated Pain and Postherpetic Neuralgia. <i>Current Topics in Microbiology and Immunology</i> , 2021, , 189-221.	0.7	2
16	Differential Expression of Immune Checkpoint Molecules on CD8 ⁺ T Cells Specific for Immunodominant and Subdominant Herpes Simplex Virus 1 Epitopes. <i>Journal of Virology</i> , 2020, 94, .	1.5	6
17	Herpes Simplex Virus 1-Specific CD8 ⁺ T Cell Priming and Latent Ganglionic Retention Are Shaped by Viral Epitope Promoter Kinetics. <i>Journal of Virology</i> , 2020, 94, .	1.5	7
18	Production of the Cytokine VEGF-A by CD4 ⁺ T and Myeloid Cells Disrupts the Corneal Nerve Landscape and Promotes Herpes Stromal Keratitis. <i>Immunity</i> , 2020, 53, 1050-1062.e5.	6.6	32

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19	Reduced activity of GAD67 expressing cells in the reticular thalamus enhance thalamic excitatory activity and varicella zoster virus associated pain. <i>Neuroscience Letters</i> , 2020, 736, 135287.	1.0	10
20	A Novel Human Skin Tissue Model To Study Varicella-Zoster Virus and Human Cytomegalovirus. <i>Journal of Virology</i> , 2020, 94, .	1.5	21
21	Comparing Gene Expression in the Parabrachial and Amygdala of Diestrus and Proestrus Female Rats after Orofacial Varicella Zoster Injection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5749.	1.8	6
22	Patterns of Herpes Simplex Virus 1 Infection in Neural Progenitor Cells. <i>Journal of Virology</i> , 2020, 94, .	1.5	19
23	Virus-Mediated Suppression of the Antigen Presentation Molecule MR1. <i>Cell Reports</i> , 2020, 30, 2948-2962.e4.	2.9	35
24	Varicella-Zoster Virus (VZV) Small Noncoding RNAs Antisense to the VZV Latency-Encoded Transcript VLT Enhance Viral Replication. <i>Journal of Virology</i> , 2020, 94, .	1.5	7
25	Modeling Varicella Zoster Virus Persistence and Reactivation â€œ Closer to Resolving a Perplexing Persistent State. <i>Frontiers in Microbiology</i> , 2019, 10, 1634.	1.5	29
26	Estradiol Acts in Lateral Thalamic Region to Attenuate Varicella Zoster Virus Associated Affective Pain. <i>Neuroscience</i> , 2019, 414, 99-111.	1.1	21
27	Bioinformatically-predicted varicella zoster virus small non-coding RNAs are expressed in lytically-infected epithelial cells and neurons. <i>Virus Research</i> , 2019, 274, 197773.	1.1	8
28	Modeling Herpes Simplex Virus 1 Infections in Human Central Nervous System Neuronal Cells Using Two- and Three-Dimensional Cultures Derived from Induced Pluripotent Stem Cells. <i>Journal of Virology</i> , 2019, 93, .	1.5	68
29	KLF4 Regulates Corneal Epithelial Cell Cycle Progression by Suppressing Canonical TGF- β Signaling and Upregulating CDK Inhibitors P16 and P27. , 2019, 60, 731.		12
30	Bacteria induce autophagy in a human ocular surface cell line. <i>Experimental Eye Research</i> , 2018, 168, 12-18.	1.2	15
31	R430: A potent inhibitor of DNA and RNA viruses. <i>Scientific Reports</i> , 2018, 8, 16662.	1.6	13
32	Aromatase Derived Estradiol Within the Thalamus Modulates Pain Induced by Varicella Zoster Virus. <i>Frontiers in Integrative Neuroscience</i> , 2018, 12, 46.	1.0	22
33	Generation of three-dimensional human neuronal cultures: application to modeling CNS viral infections. <i>Stem Cell Research and Therapy</i> , 2018, 9, 134.	2.4	36
34	Subclinical Herpes Simplex Virus Type 1 Infections Provide Site-Specific Resistance to an Unrelated Pathogen. <i>Journal of Immunology</i> , 2017, 198, 1706-1717.	0.4	16
35	Vaccination Targeting Native Receptors to Enhance the Function and Proliferation of Chimeric Antigen Receptor (CAR)-Modified T Cells. <i>Clinical Cancer Research</i> , 2017, 23, 3499-3509.	3.2	76
36	Lateral thalamic control of nociceptive response after whisker pad injection of varicella zoster virus. <i>Neuroscience</i> , 2017, 356, 207-216.	1.1	14

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37	Comparison of three cell-based drug screening platforms for HSV-1 infection. <i>Antiviral Research</i> , 2017, 142, 136-140.	1.9	24
38	Varicella-Zoster Virus Expresses Multiple Small Noncoding RNAs. <i>Journal of Virology</i> , 2017, 91, .	1.5	24
39	Sex differences underlying orofacial varicella zoster associated pain in rats. <i>BMC Neurology</i> , 2017, 17, 95.	0.8	20
40	Role for the Ventral Posterior Medial/Posterior Lateral Thalamus and Anterior Cingulate Cortex in Affective/Motivation Pain Induced by Varicella Zoster Virus. <i>Frontiers in Integrative Neuroscience</i> , 2017, 11, 27.	1.0	11
41	Influence of an immunodominant herpes simplex virus type 1 CD8+ T cell epitope on the target hierarchy and function of subdominant CD8+ T cells. <i>PLoS Pathogens</i> , 2017, 13, e1006732.	2.1	12
42	Viral forensic genomics reveals the relatedness of classic herpes simplex virus strains KOS, KOS63, and KOS79. <i>Virology</i> , 2016, 492, 179-186.	1.1	36
43	iPSC Neuronal Assay Identifies Amaryllidaceae Pharmacophore with Multiple Effects against Herpesvirus Infections. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 46-50.	1.3	26
44	Current Gene Therapy using Viral Vectors for Chronic Pain. <i>Molecular Pain</i> , 2015, 11, s12990-015-0018.	1.0	55
45	497. HSV Vector-Mediated Expression of a Novel Drug Activated Pain Signalling Therapeutic Abrogates Pain. <i>Molecular Therapy</i> , 2015, 23, S198.	3.7	0
46	Broad-spectrum non-nucleoside inhibitors of human herpesviruses. <i>Antiviral Research</i> , 2015, 121, 16-23.	1.9	18
47	Persistent Infection by HSV-1 Is Associated With Changes in Functional Architecture of iPSC-Derived Neurons and Brain Activation Patterns Underlying Working Memory Performance. <i>Schizophrenia Bulletin</i> , 2015, 41, 123-132.	2.3	44
48	Neuronal changes induced by Varicella Zoster Virus in a rat model of postherpetic neuralgia. <i>Virology</i> , 2015, 482, 167-180.	1.1	28
49	Human trophoblasts confer resistance to viruses implicated in perinatal infection. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 71.e1-71.e8.	0.7	92
50	Direct Transfer of Viral and Cellular Proteins from Varicella-Zoster Virus-Infected Non-Neuronal Cells to Human Axons. <i>PLoS ONE</i> , 2015, 10, e0126081.	1.1	15
51	An In Vitro Model of Latency and Reactivation of Varicella Zoster Virus in Human Stem Cell-Derived Neurons. <i>PLoS Pathogens</i> , 2015, 11, e1004885.	2.1	62
52	Targeting Host Pathways to Block HSV-1 at the Cornea. , 2014, 55, 716.		1
53	Large-scale generation of human iPSC-derived neural stem cells/early neural progenitor cells and their neuronal differentiation. <i>Organogenesis</i> , 2014, 10, 365-377.	0.4	96
54	Cellular Transcriptome Analysis Reveals Differential Expression of Pro- and Antiapoptosis Genes by Varicella-Zoster Virus-Infected Neurons and Fibroblasts. <i>Journal of Virology</i> , 2014, 88, 7674-7677.	1.5	15

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55	RNA-seq Analysis of Host and Viral Gene Expression Highlights Interaction between Varicella Zoster Virus and Keratinocyte Differentiation. <i>PLoS Pathogens</i> , 2014, 10, e1003896.	2.1	70
56	Varicella-Zoster Virus and Herpes Simplex Virus 1 Can Infect and Replicate in the Same Neurons whether Co- or Superinfected. <i>Journal of Virology</i> , 2014, 88, 5079-5086.	1.5	32
57	Deep Sequencing of Viral Genomes Provides Insight into the Evolution and Pathogenesis of Varicella Zoster Virus and Its Vaccine in Humans. <i>Molecular Biology and Evolution</i> , 2014, 31, 397-409.	3.5	91
58	Productive vs non-productive infection by cell-free varicella zoster virus of human neurons derived from embryonic stem cells is dependent upon infectious viral dose. <i>Virology</i> , 2013, 443, 285-293.	1.1	35
59	Varicella-Zoster Virus Inhibition of the NF- κ B Pathway during Infection of Human Dendritic Cells: Role for Open Reading Frame 61 as a Modulator of NF- κ B Activity. <i>Journal of Virology</i> , 2012, 86, 1193-1202.	1.5	29
60	Varicella-Zoster Virus Infects Human Embryonic Stem Cell-Derived Neurons and Neurospheres but Not Pluripotent Embryonic Stem Cells or Early Progenitors. <i>Journal of Virology</i> , 2012, 86, 3211-3218.	1.5	34
61	Retrograde axonal transport of VZV: kinetic studies in hESC-derived neurons. <i>Journal of NeuroVirology</i> , 2012, 18, 462-470.	1.0	34
62	Herpes simplex virus and varicella zoster virus, the house guests who never leave. <i>Herpesviridae</i> , 2012, 3, 5.	2.7	79
63	Varicella zoster virus-induced pain and post-herpetic neuralgia in the human host and in rodent animal models. <i>Journal of NeuroVirology</i> , 2011, 17, 590-599.	1.0	33
64	The Capacity of UL49.5 Proteins To Inhibit TAP Is Widely Distributed among Members of the Genus <i>Varicellovirus</i> . <i>Journal of Virology</i> , 2011, 85, 2351-2363.	1.5	28
65	Varicella-Zoster Virus (VZV) Infection of Neurons Derived from Human Embryonic Stem Cells: Direct Demonstration of Axonal Infection, Transport of VZV, and Productive Neuronal Infection. <i>Journal of Virology</i> , 2011, 85, 6220-6233.	1.5	75
66	A5-Positive Primary Sensory Neurons Are Nonpermissive for Productive Infection with Herpes Simplex Virus 1 In Vitro. <i>Journal of Virology</i> , 2011, 85, 6669-6677.	1.5	88
67	The Alphaherpesvirus US3/ORF66 Protein Kinases Direct Phosphorylation of the Nuclear Matrix Protein Matr α 3. <i>Journal of Virology</i> , 2011, 85, 568-581.	1.5	15
68	Delaying the Expression of Herpes Simplex Virus Type 1 Glycoprotein B (gB) to a True Late Gene Alters Neurovirulence and Inhibits the gB-CD8 α T-Cell Response in the Trigeminal Ganglion. <i>Journal of Virology</i> , 2010, 84, 8811-8820.	1.5	20
69	Hyperphosphorylation of Histone Deacetylase 2 by Alphaherpesvirus US3 Kinases. <i>Journal of Virology</i> , 2010, 84, 9666-9676.	1.5	48
70	Histone Deacetylases 1 and 2 Are Phosphorylated at Novel Sites during Varicella-Zoster Virus Infection. <i>Journal of Virology</i> , 2009, 83, 11502-11513.	1.5	28
71	Development and pathogenic evaluation of recombinant herpes simplex virus type 1 expressing two fluorescent reporter genes from different lytic promoters. <i>Virology</i> , 2008, 378, 254-264.	1.1	34
72	Noncytotoxic Lytic Granule-Mediated CD8 α T Cell Inhibition of HSV-1 Reactivation from Neuronal Latency. <i>Science</i> , 2008, 322, 268-271.	6.0	334

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73	Cyclin-Dependent Kinase 1/Cyclin B1 Phosphorylates Varicella-Zoster Virus IE62 and Is Incorporated into Virions. <i>Journal of Virology</i> , 2008, 82, 12116-12125.	1.5	16
74	Varicella-Zoster Virus Open Reading Frame 66 Protein Kinase Is Required for Efficient Viral Growth in Primary Human Corneal Stromal Fibroblast Cells. <i>Journal of Virology</i> , 2008, 82, 7653-7665.	1.5	29
75	Selective retention of herpes simplex virus-specific T cells in latently infected human trigeminal ganglia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3496-3501.	3.3	199
76	Potential Prophylactic and Therapeutic Vaccines for HSV Infections. <i>Current Pharmaceutical Design</i> , 2007, 13, 1965-1973.	0.9	14
77	Downregulation of Class I Major Histocompatibility Complex Surface Expression by Varicella-Zoster Virus Involves Open Reading Frame 66 Protein Kinase-Dependent and -Independent Mechanisms. <i>Journal of Virology</i> , 2007, 81, 9034-9049.	1.5	89
78	Identification of Viral Antigens Recognized by Ocular Infiltrating T Cells from Patients with Varicella Zoster Virus-Induced Uveitis. , 2007, 48, 3689.		19
79	Involvement of IL-6 in the paracrine production of VEGF in ocular HSV-1 infection. <i>Experimental Eye Research</i> , 2006, 82, 46-54.	1.2	89
80	Sensory Neurons Regulate the Effector Functions of CD8+ T Cells in Controlling HSV-1 Latency Ex Vivo. <i>Immunity</i> , 2006, 24, 657.	6.6	1
81	Phosphorylation of the Varicella-Zoster Virus (VZV) Major Transcriptional Regulatory Protein IE62 by the VZV Open Reading Frame 66 Protein Kinase. <i>Journal of Virology</i> , 2006, 80, 1710-1723.	1.5	52
82	Varicella-Zoster Virus ORF63 Inhibits Apoptosis of Primary Human Neurons. <i>Journal of Virology</i> , 2006, 80, 1025-1031.	1.5	81
83	Role of Inflammatory Cytokine-Induced Cyclooxygenase 2 in the Ocular Immunopathologic Disease Herpetic Stromal Keratitis. <i>Journal of Virology</i> , 2005, 79, 10589-10600.	1.5	26
84	Gamma Interferon Can Block Herpes Simplex Virus Type 1 Reactivation from Latency, Even in the Presence of Late Gene Expression. <i>Journal of Virology</i> , 2005, 79, 10339-10347.	1.5	111
85	Varicella zoster virus induces neuropathic changes in rat dorsal root ganglia and behavioral reflex sensitisation that is attenuated by gabapentin or sodium channel blocking drugs. <i>Pain</i> , 2005, 118, 97-111.	2.0	116
86	Immune Control of HSV-1 Latency. <i>Viral Immunology</i> , 2005, 18, 466-473.	0.6	70
87	Prospects for adenovirus antivirals. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 424-429.	1.3	78
88	Roscovitine, a Cyclin-Dependent Kinase Inhibitor, Prevents Replication of Varicella-Zoster Virus. <i>Journal of Virology</i> , 2004, 78, 2853-2862.	1.5	63
89	Feasibility of an antiviral clinical trial requiring cross-country shipment of conjunctival adenovirus cultures and recovery of infectious virus. <i>Current Eye Research</i> , 2004, 29, 195-199.	0.7	7
90	Herpes Simplex Virus-Specific Memory CD8+ T Cells Are Selectively Activated and Retained in Latently Infected Sensory Ganglia. <i>Immunity</i> , 2003, 18, 593-603.	6.6	351

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91	Varicella-Zoster Virus Gene 66 Transcription and Translation in Latently Infected Human Ganglia. <i>Journal of Virology</i> , 2003, 77, 6660-6665.	1.5	118
92	Memory Cytotoxic T Cell Responses to Viral Tegument and Regulatory Proteins Encoded by Open Reading Frames 4, 10, 29, and 62 of Varicella-Zoster Virus. <i>Viral Immunology</i> , 2002, 15, 507-516.	0.6	45
93	Sequence changes in the human adenovirus type 5 DNA polymerase associated with resistance to the broad spectrum antiviral cidofovir. <i>Antiviral Research</i> , 2002, 56, 73-84.	1.9	36
94	Virion Association of IE62, the Varicella-Zoster Virus (VZV) Major Transcriptional Regulatory Protein, Requires Expression of the VZV Open Reading Frame 66 Protein Kinase. <i>Journal of Virology</i> , 2001, 75, 9106-9113.	1.5	47
95	Nuclear Accumulation of IE62, the Varicella-Zoster Virus (VZV) Major Transcriptional Regulatory Protein, Is Inhibited by Phosphorylation Mediated by the VZV Open Reading Frame 66 Protein Kinase. <i>Journal of Virology</i> , 2000, 74, 2265-2277.	1.5	79
96	Attenuation of the Vaccine Oka Strain of Varicella-Zoster Virus and Role of Glycoprotein C in Alphaherpesvirus Virulence Demonstrated in the SCID-hu Mouse. <i>Journal of Virology</i> , 1998, 72, 965-974.	1.5	204
97	The synthesis and immunogenicity of varicella-zoster virus glycoprotein E and immediate-early protein (IE62) expressed in recombinant herpes simplex virus-1. <i>Antiviral Research</i> , 1997, 33, 187-200.	1.9	8
98	The proportion of trigeminal ganglionic neurons expressing herpes simplex virus type 1 latency-associated transcripts correlates to reactivation in the New Zealand rabbit ocular model. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1995, 233, 649-654.	1.0	13
99	Nuclear retinoic acid receptors in the lacrimal gland. <i>Current Eye Research</i> , 1995, 14, 1055-1062.	0.7	11
100	Defective Transport of Herpes Simplex Virus Glycoprotein in Interferon-Treated Cells: Role of Intracellular pH. <i>Journal of Interferon Research</i> , 1994, 14, 319-324.	1.2	10
101	Sex Differences in the Role of Neurexin 3 β in Zoster Associated Pain. <i>Frontiers in Integrative Neuroscience</i> , 0, 16, .	1.0	0