

Kylene Kehn-Hall

List of Publications by Year in Descending Order

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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.

109
papers

2,761
citations

29
h-index

47
g-index

119
ext. papers

3,368
ext. citations

5.3
avg. IF

4.93
L-index

#	Paper	IF	Citations
109	Rift Valley fever virus Gn V5-epitope tagged virus enables identification of UBR4 as a Gn interacting protein that facilitates Rift Valley fever virus production.. <i>Virology</i> , 2022 , 567, 65-76	3.6	1
108	Junin Virus Activates p38 MAPK and HSP27 Upon Entry.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 798978	5.9	0
107	EGR1 Upregulation during Encephalitic Viral Infections Contributes to Inflammation and Cell Death. <i>Viruses</i> , 2022 , 14, 1210	6.2	0
106	Alpha 1 Antitrypsin is an Inhibitor of the SARS-CoV-2-Priming Protease TMPRSS2. <i>Pathogens and Immunity</i> , 2021 , 6, 55-74	4.9	36
105	Proteomic Discovery of VEEV E2-Host Partner Interactions Identifies GRP78 Inhibitor HA15 as a Potential Therapeutic for Alphavirus Infections. <i>Pathogens</i> , 2021 , 10,	4.5	3
104	PERK Is Critical for Alphavirus Nonstructural Protein Translation. <i>Viruses</i> , 2021 , 13,	6.2	1
103	Use of magnetic nanotrap particles in capturing Yersinia pestis virulence factors, nucleic acids and bacteria. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 186	9.4	
102	The Pro-Inflammatory Chemokines CXCL9, CXCL10 and CXCL11 Are Upregulated Following SARS-CoV-2 Infection in an AKT-Dependent Manner. <i>Viruses</i> , 2021 , 13,	6.2	15
101	Targeting protein-protein interaction interfaces in COVID-19 drug discovery. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 2246-2255	6.8	8
100	Resveratrol Inhibits Venezuelan Equine Encephalitis Virus Infection by Interfering with the AKT/GSK Pathway. <i>Plants</i> , 2021 , 10,	4.5	2
99	Homoseongomycin, a compound isolated from marine actinomycete bacteria K3-1, is a potent inhibitor of encephalitic alphaviruses. <i>Antiviral Research</i> , 2021 , 191, 105087	10.8	2
98	Adenovirus transduction to express human ACE2 causes obesity-specific morbidity in mice, impeding studies on the effect of host nutritional status on SARS-CoV-2 pathogenesis. <i>Virology</i> , 2021 , 563, 98-106	3.6	3
97	Protein Kinase C subtype α Interacts with Venezuelan equine encephalitis virus capsid protein and regulates viral RNA binding through modulation of capsid phosphorylation. <i>PLoS Pathogens</i> , 2020 , 16, e1008282	7.6	3
96	Structure-Based Stabilization of Non-native Protein-Protein Interactions of Coronavirus Nucleocapsid Proteins in Antiviral Drug Design. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 3131-3141	8.3	57
95	Improved plaque assay for human coronaviruses 229E and OC43. <i>PeerJ</i> , 2020 , 8, e10639	3.1	6
94	Alpha 1 Antitrypsin is an Inhibitor of the SARS-CoV-2-Priming Protease TMPRSS2 2020 ,		24
93	EGR1 upregulation following Venezuelan equine encephalitis virus infection is regulated by ERK and PERK pathways contributing to cell death. <i>Virology</i> , 2020 , 539, 121-128	3.6	10

92	Use of Nanotrap particles for the capture and enrichment of Zika, chikungunya and dengue viruses in urine. <i>PLoS ONE</i> , 2020 , 15, e0227058	3.7	5
91	Better understanding and prediction of antiviral peptides through primary and secondary structure feature importance. <i>Scientific Reports</i> , 2020 , 10, 19260	4.9	13
90	New World alphavirus protein interactomes from a therapeutic perspective. <i>Antiviral Research</i> , 2019 , 163, 125-139	10.8	13
89	Modeling the Tertiary Structure of the Rift Valley Fever Virus L Protein. <i>Molecules</i> , 2019 , 24,	4.8	3
88	Novel RU486 (mifepristone) analogues with increased activity against Venezuelan Equine Encephalitis Virus but reduced progesterone receptor antagonistic activity. <i>Scientific Reports</i> , 2019 , 9, 2634	4.9	8
87	Phloretin inhibits Zika virus infection by interfering with cellular glucose utilisation. <i>International Journal of Antimicrobial Agents</i> , 2019 , 54, 80-84	14.3	15
86	Magnetic Nanotrap Particles Preserve the Stability of Venezuelan Equine Encephalitis Virus in Blood for Laboratory Detection. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 509	3.1	5
85	Identification of novel antivirals inhibiting recognition of Venezuelan equine encephalitis virus capsid protein by the Importin α heterodimer through high-throughput screening. <i>Antiviral Research</i> , 2018 , 151, 8-19	10.8	16
84	Repurposed FDA-Approved drug sorafenib reduces replication of Venezuelan equine encephalitis virus and other alphaviruses. <i>Antiviral Research</i> , 2018 , 157, 57-67	10.8	24
83	Phosphoproteomic analysis reveals Smad protein family activation following Rift Valley fever virus infection. <i>PLoS ONE</i> , 2018 , 13, e0191983	3.7	7
82	Venezuelan Equine Encephalitis Virus Capsid Implicated in Infection-Induced Cell Cycle Delay. <i>Frontiers in Microbiology</i> , 2018 , 9, 3126	5.7	7
81	Combination Kinase Inhibitor Treatment Suppresses Rift Valley Fever Virus Replication. <i>Viruses</i> , 2018 , 10,	6.2	4
80	Host-based processes as therapeutic targets for Rift Valley fever virus. <i>Antiviral Research</i> , 2018 , 160, 64-78	10.8	1
79	Protein Phosphatase 1 β Interacts with Venezuelan Equine Encephalitis Virus Capsid Protein and Regulates Viral Replication through Modulation of Capsid Phosphorylation. <i>Journal of Virology</i> , 2018 , 92,	6.6	9
78	Discovery of Novel Small-Molecule Inhibitors of LIM Domain Kinase for Inhibiting HIV-1. <i>Journal of Virology</i> , 2017 , 91,	6.6	27
77	Rapamycin modulation of p70 S6 kinase signaling inhibits Rift Valley fever virus pathogenesis. <i>Antiviral Research</i> , 2017 , 143, 162-175	10.8	14
76	Sorafenib Impedes Rift Valley Fever Virus Egress by Inhibiting Valosin-Containing Protein Function in the Cellular Secretory Pathway. <i>Journal of Virology</i> , 2017 , 91,	6.6	13
75	Alterations in the host transcriptome in vitro following Rift Valley fever virus infection. <i>Scientific Reports</i> , 2017 , 7, 14385	4.9	12

74	Ablation of Programmed -1 Ribosomal Frameshifting in Venezuelan Equine Encephalitis Virus Results in Attenuated Neuropathogenicity. <i>Journal of Virology</i> , 2017 , 91,	6.6	24
73	Novel inhibitors targeting Venezuelan equine encephalitis virus capsid protein identified using In Silico Structure-Based-Drug-Design. <i>Scientific Reports</i> , 2017 , 7, 17705	4.9	18
72	Venezuelan Equine Encephalitis Virus Capsid-The Clever Caper. <i>Viruses</i> , 2017 , 9,	6.2	19
71	The role of signal transducer and activator of transcription 3 in Rift Valley fever virus infection. <i>Virology</i> , 2016 , 496, 175-185	3.6	10
70	Enhanced detection of respiratory pathogens with nanotrap particles. <i>Virulence</i> , 2016 , 7, 756-69	4.7	9
69	Venezuelan Equine Encephalitis Virus Induces Apoptosis through the Unfolded Protein Response Activation of EGR1. <i>Journal of Virology</i> , 2016 , 90, 3558-72	6.6	33
68	Lessons from the Ebola Outbreak: Action Items for Emerging Infectious Disease Preparedness and Response. <i>EcoHealth</i> , 2016 , 13, 200-12	3.1	47
67	Protein Phosphatase-1 regulates Rift Valley fever virus replication. <i>Antiviral Research</i> , 2016 , 127, 79-89	10.8	13
66	Selective Inhibitor of Nuclear Export (SINE) Compounds Alter New World Alphavirus Capsid Localization and Reduce Viral Replication in Mammalian Cells. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005122	4.8	28
65	Role of Bruton's tyrosine kinase inhibitors in HIV-1-infected cells. <i>Journal of NeuroVirology</i> , 2015 , 21, 257-75	3.9	8
64	Characterizing the effect of Bortezomib on Rift Valley Fever Virus multiplication. <i>Antiviral Research</i> , 2015 , 120, 48-56	10.8	12
63	A α V motif in the Rift Valley fever virus NSs protein is essential for degrading p62, forming nuclear filaments and virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6021-6	11.5	23
62	BRCA1 functions as a novel transcriptional cofactor in HIV-1 infection. <i>Virology Journal</i> , 2015 , 12, 40	6.1	7
61	Repurposing FDA-approved drugs as therapeutics to treat Rift Valley fever virus infection. <i>Frontiers in Microbiology</i> , 2015 , 6, 676	5.7	26
60	The use of Nanotrap particles in the enhanced detection of Rift Valley fever virus nucleoprotein. <i>PLoS ONE</i> , 2015 , 10, e0128215	3.7	11
59	The ubiquitin proteasome system plays a role in venezuelan equine encephalitis virus infection. <i>PLoS ONE</i> , 2015 , 10, e0124792	3.7	20
58	Optical Imaging of Paramagnetic Bead-DNA Aggregation Inhibition Allows for Low Copy Number Detection of Infectious Pathogens. <i>PLoS ONE</i> , 2015 , 10, e0129830	3.7	17
57	Mutation of the BRCA1 SQ-cluster results in aberrant mitosis, reduced homologous recombination, and a compensatory increase in non-homologous end joining. <i>Oncotarget</i> , 2015 , 6, 27674-87	3.3	15

56	The use of Nanotrap particles for biodefense and emerging infectious disease diagnostics. <i>Pathogens and Disease</i> , 2014 , 71, 164-76	4.2	20
55	Novel neuroprotective GSK-3 β inhibitor restricts Tat-mediated HIV-1 replication. <i>Journal of Virology</i> , 2014 , 88, 1189-208	6.6	18
54	Small molecule inhibitors of Ago2 decrease Venezuelan equine encephalitis virus replication. <i>Antiviral Research</i> , 2014 , 112, 26-37	10.8	19
53	1E7-03, a low MW compound targeting host protein phosphatase-1, inhibits HIV-1 transcription. <i>British Journal of Pharmacology</i> , 2014 , 171, 5059-75	8.6	21
52	Inhibition of host extracellular signal-regulated kinase (ERK) activation decreases new world alphavirus multiplication in infected cells. <i>Virology</i> , 2014 , 468-470, 490-503	3.6	16
51	The use of Nanotrap particles technology in capturing HIV-1 virions and viral proteins from infected cells. <i>PLoS ONE</i> , 2014 , 9, e96778	3.7	43
50	Curcumin inhibits Rift Valley fever virus replication in human cells.. <i>Journal of Biological Chemistry</i> , 2014 , 289, 22671	5.4	78
49	Viral concentration determination through plaque assays: using traditional and novel overlay systems. <i>Journal of Visualized Experiments</i> , 2014 , e52065	1.6	168
48	Proteomic strategies for the discovery of novel diagnostic and therapeutic targets for infectious diseases. <i>Pathogens and Disease</i> , 2014 , 71, 177-89	4.2	8
47	Reactive oxygen species activate NFB (p65) and p53 and induce apoptosis in RVFV infected liver cells. <i>Virology</i> , 2014 , 449, 270-86	3.6	61
46	Exosomes derived from HTLV-1 infected cells contain the viral protein Tax. <i>Retrovirology</i> , 2014 , 11, O46	3.6	7
45	The role of IKK β in Venezuelan equine encephalitis virus infection. <i>PLoS ONE</i> , 2014 , 9, e86745	3.7	26
44	Multi-faceted proteomic characterization of host protein complement of Rift Valley fever virus virions and identification of specific heat shock proteins, including HSP90, as important viral host factors. <i>PLoS ONE</i> , 2014 , 9, e93483	3.7	22
43	Design of Potential Bisubstrate Inhibitors against (Mtb) 1-Deoxy-D-Xylulose 5-Phosphate Reductoisomerase (Dxr)-Evidence of a Novel Binding Mode. <i>MedChemComm</i> , 2013 , 4, 1099-1104	5	20
42	Nuclear import and export inhibitors alter capsid protein distribution in mammalian cells and reduce Venezuelan Equine Encephalitis Virus replication. <i>Antiviral Research</i> , 2013 , 100, 662-72	10.8	113
41	The use of NanoTrap particles as a sample enrichment method to enhance the detection of Rift Valley Fever Virus. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2296	4.8	20
40	Exosomes derived from HIV-1-infected cells contain trans-activation response element RNA. <i>Journal of Biological Chemistry</i> , 2013 , 288, 20014-33	5.4	196
39	Rapid, non-targeted discovery of biochemical transformation and biomarker candidates in oncovirus-infected cell lines using LAESI mass spectrometry. <i>Chemical Communications</i> , 2012 , 48, 3700-2	5.8	18

38	Use of ATP analogs to inhibit HIV-1 transcription. <i>Virology</i> , 2012 , 432, 219-31	3.6	19
37	Modulation of GSK-3 β activity in Venezuelan equine encephalitis virus infection. <i>PLoS ONE</i> , 2012 , 7, e34761	5.1	42
36	Transcriptional Gene Silencing (TGS) via the RNAi Machinery in HIV-1 Infections. <i>Biology</i> , 2012 , 1, 339-69	4.9	9
35	Curcumin inhibits Rift Valley fever virus replication in human cells. <i>Journal of Biological Chemistry</i> , 2012 , 287, 33198-214	5.4	53
34	Induction of DNA damage signaling upon Rift Valley fever virus infection results in cell cycle arrest and increased viral replication. <i>Journal of Biological Chemistry</i> , 2012 , 287, 7399-410	5.4	53
33	p53 Activation following Rift Valley fever virus infection contributes to cell death and viral production. <i>PLoS ONE</i> , 2012 , 7, e36327	3.7	40
32	Localization and sub-cellular shuttling of HTLV-1 tax with the miRNA machinery. <i>PLoS ONE</i> , 2012 , 7, e40662	5.7	21
31	Developments in antivirals against influenza, smallpox and hemorrhagic fever viruses. <i>Expert Opinion on Investigational Drugs</i> , 2011 , 20, 239-54	5.9	7
30	Analysis of the roles of HIV-derived microRNAs. <i>Expert Opinion on Biological Therapy</i> , 2011 , 11, 17-29	5.4	32
29	Varying modulation of HIV-1 LTR activity by Baf complexes. <i>Journal of Molecular Biology</i> , 2011 , 411, 581-95	6.5	29
28	Inhibition of Tat-mediated HIV-1 replication and neurotoxicity by novel GSK3-beta inhibitors. <i>Virology</i> , 2011 , 415, 56-68	3.6	22
27	Direct detection of diverse metabolic changes in virally transformed and Tax-expressing cells by mass spectrometry. <i>Retrovirology</i> , 2011 , 8, A179	3.6	78
26	The utilization of humanized mouse models for the study of inhibitors in HTLV-1 infection. <i>Retrovirology</i> , 2011 , 8, A28	3.6	78
25	Alteration in superoxide dismutase 1 causes oxidative stress and p38 MAPK activation following RVFV infection. <i>PLoS ONE</i> , 2011 , 6, e20354	3.7	26
24	Direct detection of diverse metabolic changes in virally transformed and tax-expressing cells by mass spectrometry. <i>PLoS ONE</i> , 2010 , 5, e12590	3.7	28
23	Reverse-phase phosphoproteome analysis of signaling pathways induced by Rift valley fever virus in human small airway epithelial cells. <i>PLoS ONE</i> , 2010 , 5, e13805	3.7	42
22	Absence of DICER in monocytes and its regulation by HIV-1. <i>Journal of Biological Chemistry</i> , 2010 , 285, 31930-43	5.4	68
21	Human T-lymphotropic virus type 1 transcription and chromatin-remodeling complexes. <i>Journal of Virology</i> , 2010 , 84, 4755-68	6.6	24

20 Detection of Highly Pathogenic Viral Agents **2010**, 417-429

19 Chromatin dynamics associated with HIV-1 Tat-activated transcription. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2010**, 1799, 275-85 6 42

18 Transcription through the HIV-1 nucleosomes: effects of the PBAF complex in Tat activated transcription. *Virology*, **2010**, 405, 322-33 3.6 39

17 The identification of unique serum proteins of HIV-1 latently infected long-term non-progressor patients. *AIDS Research and Therapy*, **2010**, 7, 21 3 7

16 Inhibition of human immunodeficiency virus type-1 by cdk inhibitors. *AIDS Research and Therapy*, **2010**, 7, 7 3 39

15 Methylation of the tumor suppressor protein, BRCA1, influences its transcriptional cofactor function. *PLoS ONE*, **2010**, 5, e11379 3.7 56

14 microRNA machinery is an integral component of drug-induced transcription inhibition in HIV-1 infection. *Journal of Rnai and Gene Silencing*, **2010**, 6, 386-400 13

13 Novel HIV-1 therapeutics through targeting altered host cell pathways. *Expert Opinion on Biological Therapy*, **2009**, 9, 1369-82 5.4 20

12 Cell-type-specific proteome and interactome: using HIV-1 Tat as a test case. *Expert Review of Proteomics*, **2009**, 6, 515-26 4.2 9

11 The utilization of humanized mouse models for the study of human retroviral infections. *Retrovirology*, **2009**, 6, 76 3.6 56

10 9-Aminoacridine inhibition of HIV-1 Tat dependent transcription. *Virology Journal*, **2009**, 6, 114 6.1 18

9 Cyclin dependent kinases as attractive targets to prevent transcription from viral genomes. *Current Pharmaceutical Design*, **2009**, 15, 2520-32 3.3 7

8 Effect of transcription peptide inhibitors on HIV-1 replication. *Virology*, **2008**, 376, 308-22 3.6 33

7 Lysine methylation of HIV-1 Tat regulates transcriptional activity of the viral LTR. *Retrovirology*, **2008**, 5, 40 3.6 69

6 Drug 9AA reactivates p21/Waf1 and Inhibits HIV-1 progeny formation. *Virology Journal*, **2008**, 5, 41 6.1 16

5 Retroviral proteomics and interactomes: intricate balances of cell survival and viral replication. *Expert Review of Proteomics*, **2008**, 5, 507-28 4.2 5

4 CDK13, a new potential human immunodeficiency virus type 1 inhibitory factor regulating viral mRNA splicing. *Journal of Virology*, **2008**, 82, 7155-66 6.6 39

3 Identifying membrane protein surface markers of HIV-1 infection. *Future HIV Therapy*, **2008**, 2, 155-165

2	Pharmacological cyclin-dependent kinase inhibitors as HIV-1 antiviral therapeutics. <i>Current HIV Research</i> , 2003 , 1, 131-52	1.3	36
1	Silicon Nitride Inactivates SARS-CoV-2 in vitro		2