Adrian Whitehouse

List of Publications by Year
in descending order

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104 papers	2,867 citations	136950 32 h-index	214800 47 g-index
112 all docs	112 docs citations	112 times ranked	2636 citing authors

#	Article	IF	Citations
1	The Tudor SND1 protein is an m6A RNA reader essential for replication of Kaposiâ€™s sarcoma-associated herpesvirus. ELife, 2019, 8, .	6.0	107
2	X Box Binding Protein XBP-1s Transactivates the Kaposi's Sarcoma-Associated Herpesvirus (KSHV) ORF50 Promoter, Linking Plasma Cell Differentiation to KSHV Reactivation from Latency. Journal of Virology, 2007, 81, 13578-13586.	3.4	98
3	Recruitment of the Complete hTREX Complex Is Required for Kaposi's Sarcomaâ€“Associated Herpesvirus Intronless mRNA Nuclear Export and Virus Replication. PLoS Pathogens, 2008, 4, e1000194.	4.7	85
4	Merkel Cell Polyomavirus Small T Antigen Targets the NEMO Adaptor Protein To Disrupt Inflammatory Signaling. Journal of Virology, 2013, 87, 13853-13867.	3.4	78
5	The Cellular Interactome of the Coronavirus Infectious Bronchitis Virus Nucleocapsid Protein and Functional Implications for Virus Biology. Journal of Virology, 2013, 87, 9486-9500.	3.4	77
6	Contribution of the KSHV and EBV lytic cycles to tumourigenesis. Current Opinion in Virology, 2018, 32, 60-70.	5.4	75
7	Nucleolar trafficking is essential for nuclear export of intronless herpesvirus mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15190-15195.	7.1	72
8	The human herpesvirus-8 ORF 57 gene and its properties. Journal of General Virology, 1999, 80, 3207-3215.	2.9	71
9	The prototype Î³-2 herpesvirus nucleocytoplasmic shuttling protein, ORF 57, transports viral RNA through the cellular mRNA export pathway. Biochemical Journal, 2005, 387, 295-308.	3.7	69
10	Kaposi's Sarcoma-Associated Herpesvirus RTA Promotes Degradation of the Hey1 Repressor Protein through the Ubiquitin Proteasome Pathway. Journal of Virology, 2009, 83, 6727-6738.	3.4	68
11	The Immediate-Early Gene Product Encoded by Open Reading Frame 57 of Herpesvirus Saimiri Modulates Gene Expression at a Posttranscriptional Level. Journal of Virology, 1998, 72, 857-861.	3.4	68
12	Kaposi's sarcoma-associated herpesvirus ORF57 protein interacts with PYM to enhance translation of viral intronless mRNAs. EMBO Journal, 2010, 29, 1851-1864.	7.8	60
13	Nucleolar proteomics and viral infection. Proteomics, 2010, 10, 4077-4086.	2.2	59
14	Hsp70 Isoforms Are Essential for the Formation of Kaposiâ€™s Sarcoma-Associated Herpesvirus Replication and Transcription Compartments. PLoS Pathogens, 2015, 11, e1005274.	4.7	59
15	Using SILAC and quantitative proteomics to investigate the interactions between viral and host proteomes. Proteomics, 2012, 12, 666-672.	2.2	57
16	Merkel Cell Polyomavirus Small T Antigen Mediates Microtubule Destabilization To Promote Cell Motility and Migration. Journal of Virology, 2015, 89, 35-47.	3.4	56
17	A Novel Mechanism Inducing Genome Instability in Kaposi's Sarcoma-Associated Herpesvirus Infected Cells. PLoS Pathogens, 2014, 10, e1004098.	4.7	54
18	Generation and precise modification of a herpesvirus saimiri bacterial artificial chromosome demonstrates that the terminal repeats are required for both virus production and episomal persistence. Journal of General Virology, 2003, 84, 3393-3403.	2.9	49

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19	The Open Reading Frame 57 Gene Product of Herpesvirus Saimiri Shuttles between the Nucleus and Cytoplasm and Is Involved in Viral RNA Nuclear Export. Journal of Virology, 1999, 73, 10519-10524.	3.4	47
20	Herpesvirus Saimiri Episomal Persistence Is Maintained via Interaction between Open Reading Frame 73 and the Cellular Chromosome-Associated Protein MeCP2. Journal of Virology, 2007, 81, 4021-4032.	3.4	46
21	MicroRNA-18a targeting of the STK4/MST1 tumour suppressor is necessary for transformation in HPV positive cervical cancer. PLoS Pathogens, 2020, 16, e1008624.	4.7	46
22	An Interaction between KSHV ORF57 and UIF Provides mRNA-Adaptor Redundancy in Herpesvirus Intronless mRNA Export. PLoS Pathogens, 2011, 7, e1002138.	4.7	44
23	Generation of specific inhibitors of SUMO-1â€“ and SUMO-2/3â€“mediated protein-protein interactions using Affimer (Adhiron) technology. Science Signaling, 2017, 10, .	3.6	44
24	NEDDylation Is Essential for Kaposiâ€™s Sarcoma-Associated Herpesvirus Latency and Lytic Reactivation and Represents a Novel Anti-KSHV Target. PLoS Pathogens, 2015, 11, e1004771.	4.7	43
25	Structural Basis for the Recognition of Cellular mRNA Export Factor REF by Herpes Viral Proteins HSV-1 ICP27 and HVS ORF57. PLoS Pathogens, 2011, 7, e1001244.	4.7	41
26	The Open Reading Frame (ORF) 50a Gene Product Regulates ORF 57 Gene Expression in Herpesvirus Saimiri. Journal of Virology, 1998, 72, 1967-1973.	3.4	41
27	Herpesvirus Saimiri Open Reading Frame 50 (Rta) Protein Reactivates the Lytic Replication Cycle in a Persistently Infected A549 Cell Line. Journal of Virology, 2001, 75, 4008-4013.	3.4	39
28	Targeting the ATP-dependent formation of herpesvirus ribonucleoprotein particle assembly as an antiviral approach. Nature Microbiology, 2017, 2, 16201.	13.3	38
29	Herpesvirus saimiri ORF57: a post-transcriptional regulatory protein. Frontiers in Bioscience - Landmark, 2008, 13, 2928.	3.0	37
30	Merkel Cell Polyomavirus: Molecular Insights into the Most Recently Discovered Human Tumour Virus. Cancers, 2014, 6, 1267-1297.	3.7	37
31	m6A: Widespread regulatory control in virus replication. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 370-381.	1.9	37
32	Analysis of Gene Expression in a Human Cell Line Stably Transduced with Herpesvirus Saimiri. Journal of Virology, 2000, 74, 7331-7337.	3.4	36
33	A Î³-2 Herpesvirus Nucleocytoplasmic Shuttle Protein Interacts with Importin Î±1 and Î±5. Journal of Biological Chemistry, 2001, 276, 19905-19912.	3.4	34
34	Viral nucleolar localisation signals determine dynamic trafficking within the nucleolus. Virology, 2008, 380, 191-202.	2.4	34
35	m6aViewer: software for the detection, analysis, and visualization of N⁶-methyladenosine peaks from m⁶A-seq/ME-RIP sequencing data. Rna, 2017, 23, 1493-1501.	3.5	34
36	The Herpesvirus Saimiri Open Reading Frame 73 Gene Product Interacts with the Cellular Protein p32. Journal of Virology, 2002, 76, 11612-11622.	3.4	33

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37	The herpesvirus saimiri ORF73 gene product interacts with host-cell mitotic chromosomes and self-associates via its C terminus. Journal of General Virology, 2004, 85, 147-153.	2.9	33
38	The carboxy terminus of the herpesvirus saimiri ORF 57 gene contains domains that are required for transactivation and transrepression. Journal of General Virology, 2000, 81, 2253-2265.	2.9	33
39	The PP4R1 sub-unit of protein phosphatase PP4 is essential for inhibition of NF-Î°B by merkel polyomavirus small tumour antigen. Oncotarget, 2017, 8, 25418-25432.	1.8	32
40	The Activation Domain of Herpesvirus Saimiri R Protein Interacts with the TATA-Binding Protein. Journal of Virology, 1999, 73, 9756-9763.	3.4	30
41	The interferon-stimulated gene product oligoadenylate synthetase-like protein enhances replication of Kaposiâ€™s sarcoma-associated herpesvirus (KSHV) and interacts with the KSHV ORF20 protein. PLoS Pathogens, 2018, 14, e1006937.	4.7	28
42	Characterization of the herpesvirus saimiri ORF73 gene product. Journal of General Virology, 2000, 81, 2653-2658.	2.9	27
43	Kaposi's sarcomaâ€associated herpesvirus (KSHV) Rta and cellular HMGB1 proteins synergistically transactivate the KSHV ORF50 promoter. FEBS Letters, 2008, 582, 3080-3084.	2.8	26
44	Nucleolar disruption impairs Kaposi's sarcomaâ€associated herpesvirus ORF57â€mediated nuclear export of intronless viral mRNAs. FEBS Letters, 2009, 583, 3549-3556.	2.8	26
45	Resolution of the cellular proteome of the nucleocapsid protein from a highly pathogenic isolate of porcine reproductive and respiratory syndrome virus identifies PARP-1 as a cellular target whose interaction is critical for virus biology. Veterinary Microbiology, 2015, 176, 109-119.	1.9	26
46	Assessment of Herpesvirus saimiri as a potential human gene therapy vector. Journal of Medical Virology, 1999, 57, 269-277.	5.0	25
47	Open reading frame 73 is required for herpesvirus saimiri A11-S4 episomal persistence. Journal of General Virology, 2005, 86, 2703-2708.	2.9	25
48	Resveratrol Inhibits KSHV Reactivation by Lowering the Levels of Cellular EGR-1. PLoS ONE, 2012, 7, e33364.	2.5	25
49	Cellular sheddases are induced by Merkel cell polyomavirus small tumour antigen to mediate cell dissociation and invasiveness. PLoS Pathogens, 2018, 14, e1007276.	4.7	24
50	Analysis of the Mismatch and Insertion/Deletion Binding Properties ofThermus thermophilus,HB8, MutS. Biochemical and Biophysical Research Communications, 1997, 233, 834-837.	2.1	23
51	A herpesvirus saimiri-based gene therapy vector with potential for use in cancer immunotherapy. Cancer Gene Therapy, 2000, 7, 1077-1085.	4.6	22
52	Merkel Cell Polyomavirus Small T Antigen Drives Cell Motility via Rho-GTPase-Induced Filopodium Formation. Journal of Virology, 2018, 92, .	3.4	22
53	The cellular chloride channels CLIC1 and CLIC4 contribute to virus-mediated cell motility. Journal of Biological Chemistry, 2018, 293, 4582-4590.	3.4	21
54	Kaposiâ€™s Sarcoma-Associated Herpesvirus ORF57 Protein: Exploiting All Stages of Viral mRNA Processing. Viruses, 2013, 5, 1901-1923.	3.3	20

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55	The Kaposiâ€™s Sarcoma-Associated Herpesvirus ORF57 Protein and Its Multiple Roles in mRNA Biogenesis. Frontiers in Microbiology, 2012, 3, 59.	3.5	19
56	Identification of potassium and calcium channel inhibitors as modulators of polyomavirus endosomal trafficking. Antiviral Research, 2020, 179, 104819.	4.1	19
57	Herpesvirus Saimiri-Based Gene Delivery Vectors. Current Gene Therapy, 2006, 6, 1-15.	2.0	18
58	Distinct Transcriptional and Functional Properties of the R Transactivator Gene orf50 of the Transforming Herpesvirus Saimiri Strain C488. Virology, 2000, 268, 167-177.	2.4	17
59	Cytoplasmic long noncoding RNAs are differentially regulated and translated during human neuronal differentiation. Rna, 2021, 27, 1082-1101.	3.5	17
60	Insights into the Evolving Roles of Circular RNAs in Cancer. Cancers, 2021, 13, 4180.	3.7	17
61	Mutation of a C-Terminal Motif Affects Kaposi's Sarcoma-Associated Herpesvirus ORF57 RNA Binding, Nuclear Trafficking, and Multimerization. Journal of Virology, 2011, 85, 7881-7891.	3.4	16
62	CircRNAs: From anonymity to novel regulators of gene expression in cancer (Review). International Journal of Oncology, 2019, 55, 1183-1193.	3.3	16
63	Efficient infection and persistence of a herpesvirus saimiri-based gene delivery vector into human tumor xenografts and multicellular spheroid cultures. Cancer Gene Therapy, 2005, 12, 248-256.	4.6	13
64	Herpesvirus saimiriâ€based endothelinâ€converting enzymeâ€1 shRNA expression decreases prostate cancer cell invasion and migration. International Journal of Cancer, 2011, 129, 586-598.	5.1	13
65	TMEM16A/ANO1 calcium-activated chloride channel as a novel target for the treatment of human respiratory syncytial virus infection. Thorax, 2021, 76, 64-72.	5.6	13
66	A Carboxy Terminal Domain of the hMSH-2 Gene Product Is Sufficient for Binding Specific Mismatched Oligonucleotides. Biochemical and Biophysical Research Communications, 1996, 225, 289-295.	2.1	11
67	The Herpesvirus Saimiri Open Reading Frame (ORF) 50 (Rta) Protein Contains an AT Hook Required for Binding to the ORF 50 Response Element in Delayed-Early Promoters. Journal of Virology, 2004, 78, 4936-4942.	3.4	11
68	Production of an infectious Herpesvirus saimiri-based episomally maintained amplicon system. Journal of Biotechnology, 2008, 134, 287-296.	3.8	11
69	ORF57: Master regulator of KSHV mRNA biogenesis. Cell Cycle, 2010, 9, 2702-2703.	2.6	11
70	Uncoupling of hTREX demonstrates that UAP56 and hTHO-complex recruitment onto herpesvirus saimiri intronless transcripts is required for replication. Journal of General Virology, 2009, 90, 1455-1460.	2.9	11
71	Reduction in RNA Levels Rather than Retardation of Translation Is Responsible for the Inhibition of Major Histocompatibility Complex Class I Antigen Presentation by the Glutamic Acid-Rich Repeat of Herpesvirus Saimiri Open Reading Frame 73. Journal of Virology, 2009, 83, 273-282.	3.4	10
72	ARID3B: a Novel Regulator of the Kaposi's Sarcoma-Associated Herpesvirus Lytic Cycle. Journal of Virology, 2016, 90, 9543-9555.	3.4	10

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73	Merkel cell polyomavirus small tumour antigen activates the p38 MAPK pathway to enhance cellular motility. Biochemical Journal, 2020, 477, 2721-2733.	3.7	10
74	Mapping the Minimal Domain of hMSH-2 Sufficient for Binding Mismatched Oligonucleotides. Biochemical and Biophysical Research Communications, 1997, 232, 10-13.	2.1	9
75	The herpesvirus saimiri ORF 73 regulatory region provides long-term transgene expression in human carcinoma cell lines. Cancer Gene Therapy, 2003, 10, 49-56.	4.6	9
76	Development of herpesvirus-based episomally maintained gene delivery vectors. Expert Opinion on Biological Therapy, 2004, 4, 493-505.	3.1	9
77	Long non-coding RNAs drive metastatic progression in melanoma (Review). International Journal of Oncology, 2014, 45, 2181-2186.	3.3	9
78	Dysregulation of the miRâ€30c/DLL4 axis by circHIPK3 is essential for KSHV lytic replication. EMBO Reports, 2022, 23, e54117.	4.5	9
79	Identification of a response element in a herpesvirus saimiri mRNA recognized by the ORF57 protein. Journal of General Virology, 2009, 90, 596-601.	2.9	8
80	Merkel Cell Polyomavirus Small Tumor Antigen Activates Matrix Metallopeptidase-9 Gene Expression for Cell Migration and Invasion. Journal of Virology, 2020, 94, .	3.4	8
81	Interactions between KSHV ORF57 and the novel human TREX proteins, CHTOP and CIP29. Journal of General Virology, 2016, 97, 1904-1910.	2.9	8
82	Herpesvirus saimiri: a potential gene delivery vector (review). International Journal of Molecular Medicine, 2003, 11, 139-48.	4.0	8
83	Investigating the structural changes due to adenosine methylation of the Kaposiâ€™s sarcoma-associated herpes virus ORF50 transcript. PLoS Computational Biology, 2022, 18, e1010150.	3.2	8
84	The use of high-frequency ultrasound imaging and biofluorescence for in vivoevaluation of gene therapy vectors. BMC Medical Imaging, 2013, 13, 35.	2.7	7
85	Mapping the minimal regions within the ORF73 protein required for herpesvirus saimiri episomal persistence. Journal of General Virology, 2008, 89, 2843-2850.	2.9	6
86	Cellular uptake of highly-functionalized ruthenium(II) tris-bipyridine protein-surface mimetics. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 985-988.	2.2	6
87	Utilising proteomic approaches to understand oncogenic human herpesviruses (Review). Molecular and Clinical Oncology, 2014, 2, 891-903.	1.0	6
88	Mutational Analysis of the Nucleotide Binding Domain of the Mismatch Repair Enzyme hMSH-2. Biochemical and Biophysical Research Communications, 1996, 229, 147-153.	2.1	5
89	Herpesvirus saimiri-mediated delivery of the adenomatous polyposis coli tumour suppressor gene reduces proliferation of colorectal cancer cells. International Journal of Oncology, 2011, 39, 1173-81.	3.3	5
90	Structural and evolutionary characterization of the human sorbitol dehydrogenase gene duplication. Mammalian Genome, 1998, 9, 1042-1048.	2.2	4

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91	A Herpesvirus saimiri-based vector expressing TRAIL induces cell death in human carcinoma cell lines and multicellular spheroid cultures. International Journal of Oncology, 2012, 40, 2081-9.	3.3	4
92	Stathmin drives virus-induced metastasis. Oncotarget, 2015, 6, 32289-32290.	1.8	4
93	The herpesvirus saimiri Rta gene autostimulates via binding to a non-consensus response element. Journal of General Virology, 2005, 86, 581-587.	2.9	3
94	The Herpesvirus Saimiri Replication and Transcription Activator Acts Synergistically with CCAAT Enhancer Binding Protein Alpha To Activate the DNA Polymerase Promoter. Journal of Virology, 2005, 79, 13548-13560.	3.4	3
95	Mutation of Herpesvirus Saimiri ORF51 Glycoprotein Specifically Targets Infectivity to Hepatocellular Carcinoma Cell Lines. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-14.	3.0	3
96	Styrene maleic acid recovers proteins from mammalian cells and tissues while avoiding significant cell death. Scientific Reports, 2019, 9, 16408.	3.3	3
97	Herpesvirus saimiri: A potential gene delivery vector (Review). International Journal of Molecular Medicine, 2003, 11, 139.	4.0	2
98	Assessment of Infectivity Using a Herpesvirus Saimiri (HVS) Recombinant that Expresses HVSâ€“GFP: Figure 1.. Cold Spring Harbor Protocols, 2011, 2011, pdb.prot066951.	0.3	2
99	Production of Recombinant Herpesvirus Saimiri-Based Vectors: Figure 1.. Cold Spring Harbor Protocols, 2011, 2011, pdb.prot066944.	0.3	2
100	Gardella Gel Analysis to Detect Herpesvirus Saimiri Episomal DNA. Cold Spring Harbor Protocols, 2011, 2011, pdb.prot066969.	0.3	2
101	Potential of Herpesvirus Saimiri-Based Vectors To Reprogram a Somatic Ewing's Sarcoma Family Tumor Cell Line. Journal of Virology, 2013, 87, 7127-7139.	3.4	2
102	Targeting the human TREX complex to prevent herpesvirus replication: what is new?. Future Virology, 2017, 12, 81-83.	1.8	2
103	Identification and Utilisation of the ORF 73 Latency-Associated Regulatory Region in Herpesvirus Saimiri-Based Vectors. Clinical Science, 2002, 103, 72P-72P.	0.0	0
104	Regulation of Kaposiâ€™s Sarcoma-Associated Herpesvirus Biology by Host Molecular Chaperones. Heat Shock Proteins, 2020, , 167-196.	0.2	0