

Yuan Chang

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116
papers

27,012
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61
h-index

119
g-index

119
ext. papers

29,175
ext. citations

12.6
avg, IF

6.67
L-index

#	Paper	IF	Citations
116	Identification of herpesvirus-like DNA sequences in AIDS-associated Kaposi's sarcoma. <i>Science</i> , 1994 , 266, 1865-9	33.3	4854
115	<i>Helicobacter pylori</i> infection and the risk of gastric carcinoma. <i>New England Journal of Medicine</i> , 1991 , 325, 1127-31	59.2	3284
114	Kaposi's sarcoma-associated herpesvirus-like DNA sequences in AIDS-related body-cavity-based lymphomas. <i>New England Journal of Medicine</i> , 1995 , 332, 1186-91	59.2	2446
113	Clonal integration of a polyomavirus in human Merkel cell carcinoma. <i>Science</i> , 2008 , 319, 1096-100	33.3	2279
112	Detection of herpesvirus-like DNA sequences in Kaposi's sarcoma in patients with and those without HIV infection. <i>New England Journal of Medicine</i> , 1995 , 332, 1181-5	59.2	1015
111	Kaposi's sarcoma. <i>New England Journal of Medicine</i> , 2000 , 342, 1027-38	59.2	794
110	KSHV antibodies among Americans, Italians and Ugandans with and without Kaposi's sarcoma. <i>Nature Medicine</i> , 1996 , 2, 925-8	50.5	715
109	T antigen mutations are a human tumor-specific signature for Merkel cell polyomavirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16272-7	11.5	539
108	Seroconversion to antibodies against Kaposi's sarcoma-associated herpesvirus-related latent nuclear antigens before the development of Kaposi's sarcoma. <i>New England Journal of Medicine</i> , 1996 , 335, 233-41	59.2	497
107	Angiogenic and HIV-inhibitory functions of KSHV-encoded chemokines. <i>Science</i> , 1997 , 278, 290-4	33.3	447
106	Why do viruses cause cancer? Highlights of the first century of human tumour virology. <i>Nature Reviews Cancer</i> , 2010 , 10, 878-89	31.3	442
105	Transcription mapping of the Kaposi's sarcoma-associated herpesvirus (human herpesvirus 8) genome in a body cavity-based lymphoma cell line (BC-1). <i>Journal of Virology</i> , 1998 , 72, 1005-12	6.6	366
104	Angiogenesis and Hematopoiesis Induced by Kaposi's Sarcoma-Associated Herpesvirus-Encoded Interleukin-6. <i>Blood</i> , 1999 , 93, 4034-4043	2.2	354
103	Merkel cell polyomavirus-infected Merkel cell carcinoma cells require expression of viral T antigens. <i>Journal of Virology</i> , 2010 , 84, 7064-72	6.6	327
102	Differential viral protein expression in Kaposi's sarcoma-associated herpesvirus-infected diseases: Kaposi's sarcoma, primary effusion lymphoma, and multicentric Castleman's disease. <i>American Journal of Pathology</i> , 2000 , 156, 743-9	5.8	325
101	KSHV ORF K9 (vIRF) is an oncogene which inhibits the interferon signaling pathway. <i>Oncogene</i> , 1997 , 15, 1979-85	9.2	313
100	Kaposi's sarcoma-associated herpesvirus encodes a functional bcl-2 homologue. <i>Nature Medicine</i> , 1997 , 3, 293-8	50.5	307

99	Human Merkel cell polyomavirus infection I. MCV T antigen expression in Merkel cell carcinoma, lymphoid tissues and lymphoid tumors. <i>International Journal of Cancer</i> , 2009 , 125, 1243-9	7.5	299
98	Cyclin encoded by KS herpesvirus. <i>Nature</i> , 1996 , 382, 410	50.4	270
97	Human Merkel cell polyomavirus infection II. MCV is a common human infection that can be detected by conformational capsid epitope immunoassays. <i>International Journal of Cancer</i> , 2009 , 125, 1250-6	7.5	262
96	Human Merkel cell polyomavirus small T antigen is an oncoprotein targeting the 4E-BP1 translation regulator. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3623-34	15.9	258
95	Kaposi's sarcoma-associated herpesvirus infection prior to onset of Kaposi's sarcoma. <i>Aids</i> , 1996 , 10, 175-80	3.5	251
94	Kaposi's sarcoma-associated herpesvirus LANA2 is a B-cell-specific latent viral protein that inhibits p53. <i>Journal of Virology</i> , 2001 , 75, 429-38	6.6	245
93	Antibodies to butyrate-inducible antigens of Kaposi's sarcoma-associated herpesvirus in patients with HIV-1 infection. <i>New England Journal of Medicine</i> , 1996 , 334, 1292-7	59.2	230
92	A Kaposi's sarcoma-associated herpesvirus-encoded cytokine homolog (vIL-6) activates signaling through the shared gp130 receptor subunit. <i>Journal of Biological Chemistry</i> , 1997 , 272, 19625-31	5.4	227
91	Extensive terminal and asymmetric processing of small RNAs from rRNAs, snoRNAs, snRNAs, and tRNAs. <i>Nucleic Acids Research</i> , 2012 , 40, 6787-99	20.1	221
90	Merkel cell polyomavirus expression in merkel cell carcinomas and its absence in combined tumors and pulmonary neuroendocrine carcinomas. <i>American Journal of Surgical Pathology</i> , 2009 , 33, 1378-85	6.7	216
89	A sensitive non-radioactive northern blot method to detect small RNAs. <i>Nucleic Acids Research</i> , 2010 , 38, e98	20.1	212
88	Involvement of Interleukin-10 (IL-10) and Viral IL-6 in the Spontaneous Growth of Kaposi's Sarcoma Herpesvirus-Associated Infected Primary Effusion Lymphoma Cells. <i>Blood</i> , 1999 , 94, 2871-2879	2.2	203
87	Quantitation of human seroresponsiveness to Merkel cell polyomavirus. <i>PLoS Pathogens</i> , 2009 , 5, e1000578	5.78	193
86	KSHV-encoded CC chemokine vMIP-III is a CCR4 agonist, stimulates angiogenesis, and selectively chemoattracts TH2 cells. <i>Blood</i> , 2000 , 95, 1151-1157	2.2	189
85	Viral IL-6-induced cell proliferation and immune evasion of interferon activity. <i>Science</i> , 2002 , 298, 1432-533.3	3.3	186
84	Kaposi's sarcoma-associated herpesvirus immunoevasion and tumorigenesis: two sides of the same coin?. <i>Annual Review of Microbiology</i> , 2003 , 57, 609-39	17.5	181
83	Establishing a KSHV+ Cell Line (BCP-1) From Peripheral Blood and Characterizing Its Growth in Nod/SCID Mice. <i>Blood</i> , 1998 , 91, 1671-1679	2.2	149
82	Characterization and cell cycle regulation of the major Kaposi's sarcoma-associated herpesvirus (human herpesvirus 8) latent genes and their promoter. <i>Journal of Virology</i> , 1999 , 73, 1438-46	6.6	149

81	Establishing a KSHV+ Cell Line (BCP-1) From Peripheral Blood and Characterizing Its Growth in Nod/SCID Mice. <i>Blood</i> , 1998 , 91, 1671-1679	2.2	145
80	Merkel cell carcinoma: a virus-induced human cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2012 , 7, 123-44	34	141
79	Molecular virology of Kaposi's sarcoma-associated herpesvirus. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001 , 356, 499-516	5.8	119
78	KSHV-encoded viral IL-6 activates multiple human IL-6 signaling pathways. <i>Human Immunology</i> , 1999 , 60, 921-7	2.3	117
77	Merkel cell polyomavirus small T antigen controls viral replication and oncoprotein expression by targeting the cellular ubiquitin ligase SCFFbw7. <i>Cell Host and Microbe</i> , 2013 , 14, 125-35	23.4	112
76	Increasing Kaposi's sarcoma-associated herpesvirus seroprevalence with age in a highly Kaposi's sarcoma endemic region, Zambia in 1985. <i>Aids</i> , 1998 , 12, 1921-5	3.5	108
75	The minimum replication origin of merkel cell polyomavirus has a unique large T-antigen loading architecture and requires small T-antigen expression for optimal replication. <i>Journal of Virology</i> , 2009 , 83, 12118-28	6.6	106
74	Kaposi's Sarcoma-Associated Herpesvirus and Kaposi's Sarcoma in Africa. <i>Archives of Internal Medicine</i> , 1996 , 156, 202		104
73	Circular DNA tumor viruses make circular RNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E8737-E8745	11.5	100
72	Survivin is a therapeutic target in Merkel cell carcinoma. <i>Science Translational Medicine</i> , 2012 , 4, 133ra5617.5		97
71	Update on human polyomaviruses and cancer. <i>Advances in Cancer Research</i> , 2010 , 106, 1-51	5.9	96
70	Human transcriptome subtraction by using short sequence tags to search for tumor viruses in conjunctival carcinoma. <i>Journal of Virology</i> , 2007 , 81, 11332-40	6.6	94
69	Angiogenesis and Hematopoiesis Induced by Kaposi's Sarcoma-Associated Herpesvirus-Encoded Interleukin-6. <i>Blood</i> , 1999 , 93, 4034-4043	2.2	93
68	MCV and Merkel cell carcinoma: a molecular success story. <i>Current Opinion in Virology</i> , 2012 , 2, 489-98	7.5	84
67	Cellular and viral factors regulating Merkel cell polyomavirus replication. <i>PLoS ONE</i> , 2011 , 6, e22468	3.7	84
66	Involvement of Interleukin-10 (IL-10) and Viral IL-6 in the Spontaneous Growth of Kaposi's Sarcoma Herpesvirus-Associated Infected Primary Effusion Lymphoma Cells. <i>Blood</i> , 1999 , 94, 2871-2879	2.2	84
65	CDK1 substitutes for mTOR kinase to activate mitotic cap-dependent protein translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 5875-82	11.5	83
64	HHV8 and skin cancers in immunosuppressed patients. <i>Lancet, The</i> , 1996 , 347, 338-9	40	82

63	Kaposi's sarcoma-associated herpesvirus latency-associated nuclear antigen 1 mimics Epstein-Barr virus EBNA1 immune evasion through central repeat domain effects on protein processing. <i>Journal of Virology</i> , 2007 , 81, 8225-35	6.6	81
62	Human polyomavirus 7-associated pruritic rash and viremia in transplant recipients. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1560-5	7	77
61	Antiviral activity of tumor-suppressor pathways: clues from molecular piracy by KSHV. <i>Trends in Genetics</i> , 1998 , 14, 144-50	8.5	75
60	Large T and small T antigens of Merkel cell polyomavirus. <i>Current Opinion in Virology</i> , 2015 , 11, 38-43	7.5	70
59	Posttransplantation plasmacytic proliferations related to Kaposi's sarcoma-associated herpesvirus. <i>American Journal of Surgical Pathology</i> , 1999 , 23, 1393-400	6.7	70
58	Multicolor microRNA FISH effectively differentiates tumor types. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2694-702	15.9	68
57	Asymptomatic primary Merkel cell polyomavirus infection among adults. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1371-80	10.2	66
56	The T antigen locus of Merkel cell polyomavirus downregulates human Toll-like receptor 9 expression. <i>Journal of Virology</i> , 2013 , 87, 13009-19	6.6	63
55	Merkel Cell Polyomavirus Small T Antigen Induces Cancer and Embryonic Merkel Cell Proliferation in a Transgenic Mouse Model. <i>PLoS ONE</i> , 2015 , 10, e0142329	3.7	56
54	Clinical-Grade Functional Dendritic Cells From Patients With Multiple Myeloma Are Not Infected With Kaposi's Sarcoma-Associated Herpesvirus. <i>Blood</i> , 1998 , 91, 1852-1857	2.2	55
53	Lack of evidence for basal or squamous cell carcinoma infection with Merkel cell polyomavirus in immunocompetent patients with Merkel cell carcinoma. <i>Journal of the American Academy of Dermatology</i> , 2010 , 63, 400-3	4.5	47
52	The latency-associated nuclear antigen of Kaposi's sarcoma-associated herpesvirus interacts preferentially with the terminal repeats of the genome in vivo and this complex is sufficient for episomal DNA replication. <i>Journal of General Virology</i> , 2003 , 84, 1451-1462	4.9	47
51	Merkel cell polyomavirus large T antigen disrupts lysosome clustering by translocating human Vam6p from the cytoplasm to the nucleus. <i>Journal of Biological Chemistry</i> , 2011 , 286, 17079-90	5.4	46
50	Kaposi's Sarcoma-Associated Herpesvirus and Multiple Myeloma: Lack of Criteria for Causality. <i>Blood</i> , 1999 , 93, 3159-3163	2.2	45
49	Molecular anatomy of CCR5 engagement by physiologic and viral chemokines and HIV-1 envelope glycoproteins: differences in primary structural requirements for RANTES, MIP-1 alpha, and vMIP-II Binding. <i>Journal of Molecular Biology</i> , 2001 , 313, 1181-93	6.5	44
48	Merkel cell polyomavirus-positive Merkel cell carcinoma requires viral small T-antigen for cell proliferation. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 1479-1481	4.3	43
47	Coupled transcriptome and proteome analysis of human lymphotropic tumor viruses: insights on the detection and discovery of viral genes. <i>BMC Genomics</i> , 2011 , 12, 625	4.5	43
46	Restricted protein phosphatase 2A targeting by Merkel cell polyomavirus small T antigen. <i>Journal of Virology</i> , 2015 , 89, 4191-200	6.6	39

45	Kaposi sarcoma-associated herpesvirus and primary and secondary pulmonary hypertension. <i>Chest</i> , 2005 , 127, 762-7	5.3	39
44	Human oncogenic viruses: nature and discovery. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	38
43	Characterization of viral and human RNAs smaller than canonical MicroRNAs. <i>Journal of Virology</i> , 2009 , 83, 12751-8	6.6	38
42	Evidence against KSHV infection in the pathogenesis of multiple myeloma. <i>Virus Research</i> , 1998 , 57, 197-202	6.4	35
41	Characterization of an early passage Merkel cell polyomavirus-positive Merkel cell carcinoma cell line, MS-1, and its growth in NOD scid gamma mice. <i>Journal of Virological Methods</i> , 2013 , 187, 6-14	2.6	34
40	Response of Merkel cell polyomavirus-positive merkel cell carcinoma xenografts to a survivin inhibitor. <i>PLoS ONE</i> , 2013 , 8, e80543	3.7	34
39	The central repeat domain 1 of Kaposi's sarcoma-associated herpesvirus (KSHV) latency associated-nuclear antigen 1 (LANA1) prevents cis MHC class I peptide presentation. <i>Virology</i> , 2011 , 412, 357-65	3.6	34
38	Use of a multiantigen detection algorithm for diagnosis of Kaposi's sarcoma-associated herpesvirus infection. <i>Journal of Clinical Microbiology</i> , 2006 , 44, 3734-41	9.7	34
37	Transcriptional analysis of latent and inducible Kaposi's sarcoma-associated herpesvirus transcripts in the K4 to K7 region. <i>Journal of Virology</i> , 2005 , 79, 15099-106	6.6	34
36	Asymmetric assembly of Merkel cell polyomavirus large T-antigen origin binding domains at the viral origin. <i>Journal of Molecular Biology</i> , 2011 , 409, 529-42	6.5	33
35	Mitotic protein kinase CDK1 phosphorylation of mRNA translation regulator 4E-BP1 Ser83 may contribute to cell transformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 8466-71	11.5	32
34	Intrabodies targeting the Kaposi sarcoma-associated herpesvirus latency antigen inhibit viral persistence in lymphoma cells. <i>Blood</i> , 2005 , 106, 3797-802	2.2	31
33	Kaposi's sarcoma-associated herpesvirus: a sexually transmissible infection?. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1999 , 20, 387-93		28
32	Merkel cell polyomavirus T antigens promote cell proliferation and inflammatory cytokine gene expression. <i>Journal of General Virology</i> , 2015 , 96, 3532-3544	4.9	27
31	Kaposi's Sarcoma-Associated Herpesvirus-Encoded circRNAs Are Expressed in Infected Tumor Tissues and Are Incorporated into Virions. <i>MBio</i> , 2020 , 11,	7.8	26
30	John Snow's legacy: epidemiology without borders. <i>Lancet, The</i> , 2013 , 381, 1302-11	4.0	26
29	Kaposi's Sarcoma-Associated Herpesvirus (Human Herpesvirus 8) 2014 , 87-134		26
28	The conundrum of causality in tumor virology: the cases of KSHV and MCV. <i>Seminars in Cancer Biology</i> , 2014 , 26, 4-12	12.7	26

27	Survey for human polyomaviruses in cancer. <i>JCI Insight</i> , 2016 , 1,	9.9	26
26	Complex alternative cytoplasmic protein isoforms of the Kaposi's sarcoma-associated herpesvirus latency-associated nuclear antigen 1 generated through noncanonical translation initiation. <i>Journal of Virology</i> , 2013 , 87, 2744-55	6.6	25
25	Twenty years of KSHV. <i>Viruses</i> , 2014 , 6, 4258-64	6.2	24
24	Protein-mediated viral latency is a novel mechanism for Merkel cell polyomavirus persistence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4040-E4047	11.5	23
23	Lack of evidence for direct involvement of Merkel cell polyomavirus (MCV) in chronic lymphocytic leukemia (CLL). <i>Blood</i> , 2010 , 115, 4973-4	2.2	23
22	Common Commensal Cancer Viruses. <i>PLoS Pathogens</i> , 2017 , 13, e1006078	7.6	22
21	Kaposi's Sarcoma-Associated Herpesvirus Is Not Detected With Immunosuppression in Multiple Myeloma. <i>Blood</i> , 1998 , 92, 2186-2188	2.2	18
20	Identification and Characterization of Novel Rat Polyomavirus 2 in a Colony of X-SCID Rats by P-PIT assay. <i>MSphere</i> , 2016 , 1,	5	18
19	Evaluation of the latency-associated nuclear antigen (ORF73) of Kaposi's sarcoma-associated herpesvirus by peptide mapping and bacterially expressed recombinant western blot assay. <i>Journal of Infectious Diseases</i> , 2000 , 182, 306-10	7	17
18	Human DNA tumor viruses generate alternative reading frame proteins through repeat sequence recoding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E4342-9	11.5	14
17	Mitosis-related phosphorylation of the eukaryotic translation suppressor 4E-BP1 and its interaction with eukaryotic translation initiation factor 4E (eIF4E). <i>Journal of Biological Chemistry</i> , 2019 , 294, 11840-11852	5.4	12
16	Characterization of a Merkel Cell Polyomavirus-Positive Merkel Cell Carcinoma Cell Line CVG-1. <i>Frontiers in Microbiology</i> , 2018 , 9, 713	5.7	12
15	Merkel Cell Polyomavirus Encodes Circular RNAs (circRNAs) Enabling a Dynamic circRNA/microRNA/mRNA Regulatory Network. <i>MBio</i> , 2020 , 11,	7.8	12
14	KSHV: forgotten but not gone. <i>Blood</i> , 2011 , 117, 6973-4	2.2	9
13	Durable remission of HIV-negative, Kaposi's sarcoma herpes virus-associated multicentric Castleman disease in patient with rheumatoid arthritis treated with methotrexate. <i>Clinical Rheumatology</i> , 2007 , 26, 1148-50	3.9	9
12	SARS-CoV-2 pseudovirus infectivity and expression of viral entry-related factors ACE2, TMPRSS2, Kim-1, and NRP-1 in human cells from the respiratory, urinary, digestive, reproductive, and immune systems. <i>Journal of Medical Virology</i> , 2021 , 93, 6671-6685	19.7	7
11	Widespread keratosis pilaris-like eruption in an immunocompromised child. <i>JAAD Case Reports</i> , 2019 , 5, 352-354	1.4	6
10	Sirolimus and Other Mechanistic Target of Rapamycin Inhibitors Directly Activate Latent Pathogenic Human Polyomavirus Replication. <i>Journal of Infectious Diseases</i> , 2021 , 224, 1160-1169	7	6

- 9 KSHV gene expression and regulation 490-513 5
- 8 Limited detection of human polyomaviruses in Fanconi anemia related squamous cell carcinoma. *PLoS ONE*, **2018**, 13, e0209235 3-7 5
- 7 A novel etiology of renal allograft dysfunction. *American Journal of Kidney Diseases*, **2001**, 38, 658-63 7-4 4
- 6 Representational difference analysis. *Current Protocols in Molecular Biology*, **2002**, Chapter 25, Unit 25B.7.9 1
- 5 Clinical-Grade Functional Dendritic Cells From Patients With Multiple Myeloma Are Not Infected With Kaposi's Sarcoma-Associated Herpesvirus. *Blood*, **1998**, 91, 1852-1857 2-2 1
- 4 Proteomic approach to discover human cancer viruses from formalin-fixed tissues. *JCI Insight*, **2020**, 5, 9.9 1
- 3 Kaposi's Sarcoma-Associated Herpesvirus (KSHV/HHV8) **2016**, 549-574
- 2 Kaposi's Sarcoma Findings. *Science*, **1995**, 270, 15-15 33-3
- 1 Introduction to Diseases Associated with Kaposi's Sarcoma-Associated Herpesvirus **2009**, 441-468