Yuan Chang

List of Publications by Year
in descending order

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103 papers	29,165 citations	28242 55 h-index	30058 103 g-index
103 all docs	103 docs citations	103 times ranked	14566 citing authors

#	Article	IF	Citations
1	Identification of herpesvirus-like DNA sequences in AIDS-associated Kaposi's sarcoma. Science, 1994, 266, 1865-1869.	6.0	5,605
2	Helicobacter pyloriInfection and the Risk of Gastric Carcinoma. New England Journal of Medicine, 1991, 325, 1127-1131.	13.9	3,814
3	Clonal Integration of a Polyomavirus in Human Merkel Cell Carcinoma. Science, 2008, 319, 1096-1100.	6.0	2,774
4	Kaposi's Sarcomaâ€“Associated Herpesvirus-Like DNA Sequences in AIDS-Related Body-Cavityâ€“Based Lymphomas. New England Journal of Medicine, 1995, 332, 1186-1191.	13.9	2,767
5	Detection of Herpesvirus-Like DNA Sequences in Kaposi's Sarcoma in Patients with and Those without HIV Infection. New England Journal of Medicine, 1995, 332, 1181-1185.	13.9	1,166
6	Kaposi's Sarcoma. New England Journal of Medicine, 2000, 342, 1027-1038.	13.9	941
7	KSHV antibodies among Americans, Italians and Ugandans with and without Kaposi's sarcoma. Nature Medicine, 1996, 2, 925-928.	15.2	819
8	T antigen mutations are a human tumor-specific signature for Merkel cell polyomavirus. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16272-16277.	3.3	625
9	Seroconversion to Antibodies against Kaposi's Sarcomaâ€“Associated Herpesvirusâ€“Related Latent Nuclear Antigens before the Development of Kaposi's Sarcoma. New England Journal of Medicine, 1996, 335, 233-241.	13.9	583
10	Why do viruses cause cancer? Highlights of the first century of human tumour virology. Nature Reviews Cancer, 2010, 10, 878-889.	12.8	569
11	Angiogenic and HIV-Inhibitory Functions of KSHV-Encoded Chemokines. Science, 1997, 278, 290-294.	6.0	488
12	Merkel Cell Polyomavirus-Infected Merkel Cell Carcinoma Cells Require Expression of Viral T Antigens. Journal of Virology, 2010, 84, 7064-7072.	1.5	386
13	Differential Viral Protein Expression in Kaposi's Sarcoma-Associated Herpesvirus-Infected Diseases. American Journal of Pathology, 2000, 156, 743-749.	1.9	359
14	KSHV ORF K9 (vIRF) is an oncogene which inhibits the interferon signaling pathway. Oncogene, 1997, 15, 1979-1985.	2.6	345
15	Kaposi's sarcoma-associated herpesvirus encodes a functional Bcl-2 homologue. Nature Medicine, 1997, 3, 293-298.	15.2	344
16	Human Merkel cell polyomavirus infection I. MCV T antigen expression in Merkel cell carcinoma, lymphoid tissues and lymphoid tumors. International Journal of Cancer, 2009, 125, 1243-1249.	2.3	341
17	Cyclin encoded by KS herpesvirus. Nature, 1996, 382, 410-410.	13.7	321
18	Human Merkel cell polyomavirus small T antigen is an oncoprotein targeting the 4E-BP1 translation regulator. Journal of Clinical Investigation, 2011, 121, 3623-3634.	3.9	308

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19	KaposiÊ¼s sarcoma-associated herpesvirus infection prior to onset of KaposiÊ¼s sarcoma. Aids, 1996, 10, 175-180.	1.0	301
20	Human Merkel cell polyomavirus infection II. MCV is a common human infection that can be detected by conformational capsid epitope immunoassays. International Journal of Cancer, 2009, 125, 1250-1256.	2.3	297
21	Extensive terminal and asymmetric processing of small RNAs from rRNAs, snoRNAs, snRNAs, and tRNAs. Nucleic Acids Research, 2012, 40, 6787-6799.	6.5	276
22	Antibodies to Butyrate-Inducible Antigens of Kaposi's Sarcomaâ€“Associated Herpesvirus in Patients with HIV-1 Infection. New England Journal of Medicine, 1996, 334, 1292-1297.	13.9	264
23	A Kaposi's Sarcoma-associated Herpesvirus-encoded Cytokine Homolog (vIL-6) Activates Signaling through the Shared gp130 Receptor Subunit. Journal of Biological Chemistry, 1997, 272, 19625-19631.	1.6	261
24	Kaposi's Sarcoma-Associated Herpesvirus LANA2 Is a B-Cell-Specific Latent Viral Protein That Inhibits p53. Journal of Virology, 2001, 75, 429-438.	1.5	258
25	A sensitive non-radioactive northern blot method to detect small RNAs. Nucleic Acids Research, 2010, 38, e98-e98.	6.5	249
26	Viral IL-6-Induced Cell Proliferation and Immune Evasion of Interferon Activity. Science, 2002, 298, 1432-1435.	6.0	209
27	Kaposi's Sarcomaâ€“Associated Herpesvirus Immunoevasion and Tumorigenesis: Two Sides of the Same Coin?. Annual Review of Microbiology, 2003, 57, 609-639.	2.9	198
28	Merkel Cell Carcinoma: A Virus-Induced Human Cancer. Annual Review of Pathology: Mechanisms of Disease, 2012, 7, 123-144.	9.6	164
29	Circular DNA tumor viruses make circular RNAs. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8737-E8745.	3.3	146
30	Merkel Cell Polyomavirus Small T Antigen Controls Viral Replication and Oncoprotein Expression by Targeting the Cellular Ubiquitin Ligase SCFFbw7. Cell Host and Microbe, 2013, 14, 125-135.	5.1	144
31	Increasing KaposiÊ¼s sarcoma-associated herpesvirus seroprevalence with age in a highly KaposiÊ¼s sarcoma endemic region, Zambia in 1985. Aids, 1998, 12, 1921-1925.	1.0	129
32	KSHV-encoded viral IL-6 activates multiple human IL-6 signaling pathways. Human Immunology, 1999, 60, 921-927.	1.2	126
33	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. Journal of Virology, 2009, 83, 12118-12128.	1.5	126
34	Survivin Is a Therapeutic Target in Merkel Cell Carcinoma. Science Translational Medicine, 2012, 4, 133ra56.	5.8	117
35	CDK1 substitutes for mTOR kinase to activate mitotic cap-dependent protein translation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5875-5882.	3.3	109
36	Update on Human Polyomaviruses and Cancer. Advances in Cancer Research, 2010, 106, 1-51.	1.9	108

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37	Human Transcriptome Subtraction by Using Short Sequence Tags To Search for Tumor Viruses in Conjunctival Carcinoma. Journal of Virology, 2007, 81, 11332-11340.	1.5	105
38	MCV and Merkel cell carcinoma: a molecular success story. Current Opinion in Virology, 2012, 2, 489-498.	2.6	94
39	Human Polyomavirus 7-Associated Pruritic Rash and Viremia in Transplant Recipients. Journal of Infectious Diseases, 2015, 211, 1560-1565.	1.9	92
40	Large T and small T antigens of Merkel cell polyomavirus. Current Opinion in Virology, 2015, 11, 38-43.	2.6	90
41	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. Journal of Virology, 2007, 81, 8225-8235.	1.5	89
42	Asymptomatic Primary Merkel Cell Polyomavirus Infection among Adults. Emerging Infectious Diseases, 2011, 17, 1371-1380.	2.0	86
43	Antiviral activity of tumor-suppressor pathways: clues from molecular piracy by KSHV. Trends in Genetics, 1998, 14, 144-150.	2.9	85
44	Tailoring non-fullerene acceptors using selenium-incorporated heterocycles for organic solar cells with over 16% efficiency. Journal of Materials Chemistry A, 2020, 8, 23756-23765.	5.2	85
45	Enhanced hindrance from phenyl outer side chains on nonfullerene acceptor enables unprecedented simultaneous enhancement in organic solar cell performances with 16.7% efficiency. Nano Energy, 2020, 76, 105087.	8.2	85
46	Progressive multifocal leukoencephalopathy in persons infected with human immunodeficiency virus, san francisco, 1981-1989. Annals of Neurology, 1991, 30, 597-604.	2.8	81
47	Achieving Efficient Ternary Organic Solar Cells Using Structurally Similar Nonâ€Fullerene Acceptors with Varying Flanking Side Chains. Advanced Energy Materials, 2021, 11, 2100079.	10.2	80
48	Multicolor microRNA FISH effectively differentiates tumor types. Journal of Clinical Investigation, 2013, 123, 2694-2702.	3.9	76
49	Posttransplantation Plasmacytic Proliferations Related to Kaposi's Sarcomaâ€“Associated Herpesvirus. American Journal of Surgical Pathology, 1999, 23, 1393.	2.1	76
50	The T Antigen Locus of Merkel Cell Polyomavirus Downregulates Human Toll-Like Receptor 9 Expression. Journal of Virology, 2013, 87, 13009-13019.	1.5	75
51	The synergy of hostâ€“guest nonfullerene acceptors enables 16%-efficiency polymer solar cells with increased open-circuit voltage and fill-factor. Materials Horizons, 2019, 6, 2094-2102.	6.4	73
52	Deciphering the Role of Chalcogen-Containing Heterocycles in Nonfullerene Acceptors for Organic Solar Cells. ACS Energy Letters, 2020, 5, 3415-3425.	8.8	73
53	Merkel Cell Polyomavirus Small T Antigen Induces Cancer and Embryonic Merkel Cell Proliferation in a Transgenic Mouse Model. PLoS ONE, 2015, 10, e0142329.	1.1	71
54	A Chlorinated Donor Polymer Achieving Highâ€Performance Organic Solar Cells with a Wide Range of Polymer Molecular Weight. Advanced Functional Materials, 2021, 31, 2102413.	7.8	69

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55	Human oncogenic viruses: nature and discovery. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160264.	1.8	66
56	Effect of the chlorine substitution position of the end-group on intermolecular interactions and photovoltaic performance of small molecule acceptors. Energy and Environmental Science, 2020, 13, 5028-5038.	15.6	56
57	Merkel Cell Polyomavirusâ€“Positive Merkel Cell Carcinoma Requires Viral Small T-Antigen for Cell Proliferation. Journal of Investigative Dermatology, 2014, 134, 1479-1481.	0.3	54
58	Restricted Protein Phosphatase 2A Targeting by Merkel Cell Polyomavirus Small T Antigen. Journal of Virology, 2015, 89, 4191-4200.	1.5	54
59	Merkel Cell Polyomavirus Large T Antigen Disrupts Lysosome Clustering by Translocating Human Vam6p from the Cytoplasm to the Nucleus. Journal of Biological Chemistry, 2011, 286, 17079-17090.	1.6	53
60	Lack of evidence for basal or squamous cell carcinoma infection with Merkel cell polyomavirus in immunocompetent patients with Merkel cell carcinoma. Journal of the American Academy of Dermatology, 2010, 63, 400-403.	0.6	50
61	Coupled transcriptome and proteome analysis of human lymphotropic tumor viruses: insights on the detection and discovery of viral genes. BMC Genomics, 2011, 12, 625.	1.2	50
62	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. Journal of General Virology, 2003, 84, 1451-1462.	1.3	49
63	Molecular anatomy of CCR5 engagement by physiologic and viral chemokines and HIV-1 envelope glycoproteins: differences in primary structural requirements for RANTES, MIP-1Î±, and vMIP-II binding 1 1Edited by P. E. Wright. Journal of Molecular Biology, 2001, 313, 1181-1193.	2.0	48
64	A 16.4% efficiency organic photovoltaic cell enabled using two donor polymers with their side-chains oriented differently by a ternary strategy. Journal of Materials Chemistry A, 2020, 8, 3676-3685.	5.2	48
65	Kaposiâ€™s Sarcoma-Associated Herpesvirus-Encoded circRNAs Are Expressed in Infected Tumor Tissues and Are Incorporated into Virions. MBio, 2020, 11, .	1.8	47
66	Characterization of Viral and Human RNAs Smaller than Canonical MicroRNAs. Journal of Virology, 2009, 83, 12751-12758.	1.5	46
67	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. Virology, 2011, 412, 357-365.	1.1	46
68	Mitotic protein kinase CDK1 phosphorylation of mRNA translation regulator 4E-BP1 Ser83 may contribute to cell transformation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8466-8471.	3.3	46
69	Characterization of an early passage Merkel cell polyomavirus-positive Merkel cell carcinoma cell line, MS-1, and its growth in NOD scid gamma mice. Journal of Virological Methods, 2013, 187, 6-14.	1.0	45
70	Kaposi Sarcoma-Associated Herpesvirus and Primary and Secondary Pulmonary Hypertension. Chest, 2005, 127, 762-767.	0.4	43
71	14%-efficiency fullerene-free ternary solar cell enabled by designing a short side-chain substituted small-molecule acceptor. Nano Energy, 2019, 64, 103934.	8.2	43
72	Use of a Multiantigen Detection Algorithm for Diagnosis of Kaposi's Sarcoma-Associated Herpesvirus Infection. Journal of Clinical Microbiology, 2006, 44, 3734-3741.	1.8	42

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73	Transcriptional Analysis of Latent and Inducible Kaposi's Sarcoma-Associated Herpesvirus Transcripts in the K4 to K7 Region. Journal of Virology, 2005, 79, 15099-15106.	1.5	39
74	Protein-mediated viral latency is a novel mechanism for Merkel cell polyomavirus persistence. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4040-E4047.	3.3	39
75	Incorporation of alkylthio side chains on benzothiadiazole-based non-fullerene acceptors enables high-performance organic solar cells with over 16% efficiency. Journal of Materials Chemistry A, 2020, 8, 23239-23247.	5.2	39
76	Primary Cutaneous Rhabdomyosarcoma. American Journal of Surgical Pathology, 1990, 14, 977-982.	2.1	38
77	Asymmetric Assembly of Merkel Cell Polyomavirus Large T-Antigen Origin Binding Domains at the Viral Origin. Journal of Molecular Biology, 2011, 409, 529-542.	2.0	38
78	Response of Merkel Cell Polyomavirus-Positive Merkel Cell Carcinoma Xenografts to a Survivin Inhibitor. PLoS ONE, 2013, 8, e80543.	1.1	38
79	Evidence against KSHV infection in the pathogenesis of multiple myeloma. Virus Research, 1998, 57, 197-202.	1.1	37
80	Intrabodies targeting the Kaposi sarcomaâ€“associated herpesvirus latency antigen inhibit viral persistence in lymphoma cells. Blood, 2005, 106, 3797-3802.	0.6	34
81	Merkel cell polyomavirus T antigens promote cell proliferation and inflammatory cytokine gene expression. Journal of General Virology, 2015, 96, 3532-3544.	1.3	34
82	Survey for human polyomaviruses in cancer. JCI Insight, 2016, 1, .	2.3	33
83	Complex Alternative Cytoplasmic Protein Isoforms of the Kaposi's Sarcoma-Associated Herpesvirus Latency-Associated Nuclear Antigen 1 Generated through Noncanonical Translation Initiation. Journal of Virology, 2013, 87, 2744-2755.	1.5	31
84	Twenty Years of KSHV. Viruses, 2014, 6, 4258-4264.	1.5	31
85	Merkel Cell Polyomavirus Encodes Circular RNAs (circRNAs) Enabling a Dynamic circRNA/microRNA/mRNA Regulatory Network. MBio, 2020, 11, .	1.8	31
86	The conundrum of causality in tumor virology: The cases of KSHV and MCV. Seminars in Cancer Biology, 2014, 26, 4-12.	4.3	30
87	Common Commensal Cancer Viruses. PLoS Pathogens, 2017, 13, e1006078.	2.1	29
88	Clinicopathological Review: Primary Angiitis of the Central Nervous System in Association with Cerebral Amyloid Angiopathy. Neurosurgery, 2003, 53, 136-143.	0.6	24
89	L-tryptophan and the eosinophilia-myalgia syndrome: Pathologic findings in eight patients. Human Pathology, 1991, 22, 12-21.	1.1	23
90	Mitosis-related phosphorylation of the eukaryotic translation suppressor 4E-BP1 and its interaction with eukaryotic translation initiation factor 4E (eIF4E). Journal of Biological Chemistry, 2019, 294, 11840-11852.	1.6	23

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91	Evaluation of the Latencyâ€Associated Nuclear Antigen (ORF73) of Kaposi's Sarcomaâ€“Associated Herpesvirus by Peptide Mapping and Bacterially Expressed Recombinant Western Blot Assay. Journal of Infectious Diseases, 2000, 182, 306-310.	1.9	21
92	Sirolimus and Other Mechanistic Target of Rapamycin Inhibitors Directly Activate Latent Pathogenic Human Polyomavirus Replication. Journal of Infectious Diseases, 2021, 224, 1160-1169.	1.9	21
93	Induction of CCL20 production by Kaposi sarcomaâ€“associated herpesvirus: role of viral FLICE inhibitory protein K13-induced NF-Î°B activation. Blood, 2009, 113, 5660-5668.	0.6	20
94	Human DNA tumor viruses generate alternative reading frame proteins through repeat sequence recoding. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4342-E4349.	3.3	18
95	Identification and Characterization of Novel Rat Polyomavirus 2 in a Colony of X-SCID Rats by P-PIT assay. MSphere, 2016, 1, .	1.3	18
96	B â†•N Bridged Polymer Acceptors with 900 nm Absorption Edges Enabling High-Performance All-Polymer Solar Cells. Macromolecules, 2020, 53, 9529-9538.	2.2	16
97	Unusual Intramedullary Vascular Lesion: Report of Two Cases. Neurosurgery, 1997, 40, 1295-1301.	0.6	14
98	Durable remission of HIV-negative, Kaposiâ€™s sarcoma herpes virus-associated multicentric Castleman disease in patient with rheumatoid arthritis treated with methotrexate. Clinical Rheumatology, 2007, 26, 1148-1150.	1.0	10
99	Mitotic 4E-BP1 hyperphosphorylation and cap-dependent translation. Cell Cycle, 2015, 14, 3005-3006.	1.3	9
100	Widespread keratosis pilarisâ€“like eruption in an immunocompromised child. JAAD Case Reports, 2019, 5, 352-354.	0.4	6
101	Replication Kinetics for a Reporter Merkel Cell Polyomavirus. Viruses, 2022, 14, 473.	1.5	6
102	A novel etiology of renal allograft dysfunction. American Journal of Kidney Diseases, 2001, 38, 658-663.	2.1	5
103	Proteomic approach to discover human cancer viruses from formalin-fixed tissues. JCI Insight, 2020, 5, .	2.3	2