

Yuan Chang

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.

101
papers

24,751
citations

49
h-index

103
g-index

103
ext. papers

26,928
ext. citations

13.8
avg, IF

6.63
L-index

#	Paper	IF	Citations
101	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
100	A Chlorinated Donor Polymer Achieving High-Performance Organic Solar Cells with a Wide Range of Polymer Molecular Weight. <i>Advanced Functional Materials</i> , 2021 , 31, 2102413	15.6	17
99	Achieving Efficient Ternary Organic Solar Cells Using Structurally Similar Non-Fullerene Acceptors with Varying Flanking Side Chains. <i>Advanced Energy Materials</i> , 2021 , 11, 2100079	21.8	32
98	Enhanced hindrance from phenyl outer side chains on nonfullerene acceptor enables unprecedented simultaneous enhancement in organic solar cell performances with 16.7% efficiency. <i>Nano Energy</i> , 2020 , 76, 105087	17.1	48
97	A 16.4% efficiency organic photovoltaic cell enabled using two donor polymers with their side-chains oriented differently by a ternary strategy. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 3676-3685	13	37
96	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
95	Proteomic approach to discover human cancer viruses from formalin-fixed tissues. <i>JCI Insight</i> , 2020 , 5,	9.9	1
94	B <- N Bridged Polymer Acceptors with 900 nm Absorption Edges Enabling High-Performance All-Polymer Solar Cells. <i>Macromolecules</i> , 2020 , 53, 9529-9538	5.5	5
93	Incorporation of alkylthio side chains on benzothiadiazole-based non-fullerene acceptors enables high-performance organic solar cells with over 16% efficiency. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 23239-23247	13	21
92	Deciphering the Role of Chalcogen-Containing Heterocycles in Nonfullerene Acceptors for Organic Solar Cells. <i>ACS Energy Letters</i> , 2020 , 5, 3415-3425	20.1	39
91	Effect of the chlorine substitution position of the end-group on intermolecular interactions and photovoltaic performance of small molecule acceptors. <i>Energy and Environmental Science</i> , 2020 , 13, 5028-5038	25.4	29
90	Tailoring non-fullerene acceptors using selenium-incorporated heterocycles for organic solar cells with over 16% efficiency. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 23756-23765	13	42
89	Merkel Cell Polyomavirus Encodes Circular RNAs (circRNAs) Enabling a Dynamic circRNA/microRNA/mRNA Regulatory Network. <i>MBio</i> , 2020 , 11,	7.8	12
88	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
87	Widespread keratosis pilaris-like eruption in an immunocompromised child. <i>JAAD Case Reports</i> , 2019 , 5, 352-354	1.4	6
86	14%-efficiency fullerene-free ternary solar cell enabled by designing a short side-chain substituted small-molecule acceptor. <i>Nano Energy</i> , 2019 , 64, 103934	17.1	34
85	The synergy of host-guest nonfullerene acceptors enables 16%-efficiency polymer solar cells with increased open-circuit voltage and fill-factor. <i>Materials Horizons</i> , 2019 , 6, 2094-2102	14.4	64

84	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
83	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
82	Human oncogenic viruses: nature and discovery. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	38
81	Common Commensal Cancer Viruses. <i>PLoS Pathogens</i> , 2017 , 13, e1006078	7.6	22
80	Survey for human polyomaviruses in cancer. <i>JCI Insight</i> , 2016 , 1,	9.9	26
79	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
78	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
77	Large T and small T antigens of Merkel cell polyomavirus. <i>Current Opinion in Virology</i> , 2015 , 11, 38-43	7.5	70
76	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
75	Human polyomavirus 7-associated pruritic rash and viremia in transplant recipients. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1560-5	7	77
74	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
73	Restricted protein phosphatase 2A targeting by Merkel cell polyomavirus small T antigen. <i>Journal of Virology</i> , 2015 , 89, 4191-200	6.6	39
72	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
71	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
70	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
69	Twenty years of KSHV. <i>Viruses</i> , 2014 , 6, 4258-64	6.2	24
68	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
67	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

66	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
65	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
64	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
63	Multicolor microRNA FISH effectively differentiates tumor types. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2694-702	15.9	68
62	Response of Merkel cell polyomavirus-positive merkel cell carcinoma xenografts to a survivin inhibitor. <i>PLoS ONE</i> , 2013 , 8, e80543	3.7	34
61	Survivin is a therapeutic target in Merkel cell carcinoma. <i>Science Translational Medicine</i> , 2012 , 4, 133ra5617.5	17.5	97
60	MCV and Merkel cell carcinoma: a molecular success story. <i>Current Opinion in Virology</i> , 2012 , 2, 489-98	7.5	84
59	Merkel cell carcinoma: a virus-induced human cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2012 , 7, 123-44	34	141
58	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
57	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
56	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
55	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
54	Asymptomatic primary Merkel cell polyomavirus infection among adults. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1371-80	10.2	66
53	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
52	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
51	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
50	Update on human polyomaviruses and cancer. <i>Advances in Cancer Research</i> , 2010 , 106, 1-51	5.9	96
49	A sensitive non-radioactive northern blot method to detect small RNAs. <i>Nucleic Acids Research</i> , 2010 , 38, e98	20.1	212

48	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
47	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
46	Characterization of viral and human RNAs smaller than canonical MicroRNAs. <i>Journal of Virology</i> , 2009 , 83, 12751-8	6.6	38
45	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
44	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
43	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
42	Induction of CCL20 production by Kaposi sarcoma-associated herpesvirus: role of viral FLICE inhibitory protein K13-induced NF-kappaB activation. <i>Blood</i> , 2009 , 113, 5660-8	2.2	17
41	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
40	Clonal integration of a polyomavirus in human Merkel cell carcinoma. <i>Science</i> , 2008 , 319, 1096-100	33.3	2279
39	Durable remission of HIV-negative, Kaposi's sarcoma herpes virus-associated multicentric Castlemans disease in patient with rheumatoid arthritis treated with methotrexate. <i>Clinical Rheumatology</i> , 2007 , 26, 1148-50	3.9	9
38	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
37	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
36	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
35	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
34	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
33	Kaposi sarcoma-associated herpesvirus and primary and secondary pulmonary hypertension. <i>Chest</i> , 2005 , 127, 762-7	5.3	39
32	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
31	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

30	Clinicopathological review: primary angiitis of the central nervous system in association with cerebral amyloid angiopathy. <i>Neurosurgery</i> , 2003 , 53, 136-43; discussion 143	3.2	20
29	Viral IL-6-induced cell proliferation and immune evasion of interferon activity. <i>Science</i> , 2002 , 298, 1432-5	3.3	186
28	A novel etiology of renal allograft dysfunction. <i>American Journal of Kidney Diseases</i> , 2001 , 38, 658-63	7.4	4
27	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
26	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
25	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
24	Differential viral protein expression in Kaposi's sarcoma-associated herpesvirus-infected diseases: Kaposi's sarcoma, primary effusion lymphoma, and multicentric Castlemans disease. <i>American Journal of Pathology</i> , 2000 , 156, 743-9	5.8	325
23	Kaposi's sarcoma. <i>New England Journal of Medicine</i> , 2000 , 342, 1027-38	59.2	794
22	KSHV-encoded viral IL-6 activates multiple human IL-6 signaling pathways. <i>Human Immunology</i> , 1999 , 60, 921-7	2.3	117
21	Posttransplantation plasmacytic proliferations related to Kaposi's sarcoma-associated herpesvirus. <i>American Journal of Surgical Pathology</i> , 1999 , 23, 1393-400	6.7	70
20	Antiviral activity of tumor-suppressor pathways: clues from molecular piracy by KSHV. <i>Trends in Genetics</i> , 1998 , 14, 144-50	8.5	75
19	Evidence against KSHV infection in the pathogenesis of multiple myeloma. <i>Virus Research</i> , 1998 , 57, 197-202	2.2	35
18	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
17	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
16	Angiogenic and HIV-inhibitory functions of KSHV-encoded chemokines. <i>Science</i> , 1997 , 278, 290-4	33.3	447
15	KSHV ORF K9 (vIRF) is an oncogene which inhibits the interferon signaling pathway. <i>Oncogene</i> , 1997 , 15, 1979-85	9.2	313
14	Kaposi's sarcoma-associated herpesvirus encodes a functional bcl-2 homologue. <i>Nature Medicine</i> , 1997 , 3, 293-8	50.5	307
13	Unusual intramedullary vascular lesion: report of two cases. <i>Neurosurgery</i> , 1997 , 40, 1295-301	3.2	13

12	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
11	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
10	Kaposi's sarcoma-associated herpesvirus infection prior to onset of Kaposi's sarcoma. <i>Aids</i> , 1996 , 10, 175-80	3.5	251
9	KSHV antibodies among Americans, Italians and Ugandans with and without Kaposi's sarcoma. <i>Nature Medicine</i> , 1996 , 2, 925-8	50.5	715
8	Cyclin encoded by KS herpesvirus. <i>Nature</i> , 1996 , 382, 410	50.4	270
7	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
6	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
5	Identification of herpesvirus-like DNA sequences in AIDS-associated Kaposi's sarcoma. <i>Science</i> , 1994 , 266, 1865-9	33.3	4854
4	Progressive multifocal leukoencephalopathy in persons infected with human immunodeficiency virus, San Francisco, 1981-1989. <i>Annals of Neurology</i> , 1991 , 30, 597-604	9.4	62
3	L-tryptophan and the eosinophilia-myalgia syndrome: pathologic findings in eight patients. <i>Human Pathology</i> , 1991 , 22, 12-21	3.7	16
2	<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
1	Primary cutaneous rhabdomyosarcoma. <i>American Journal of Surgical Pathology</i> , 1990 , 14, 977-82	6.7	34