

Takayuki Murata

List of Publications by Year in descending order

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121
papers

4,251
citations

126907

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all docs

125
docs citations

125
times ranked

4362
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA Inhibition of Translation Initiation in Vitro by Targeting the Cap-Binding Complex eIF4F. <i>Science</i> , 2007, 317, 1764-1767.	12.6	458
2	Cyclophilin B Is a Functional Regulator of Hepatitis C Virus RNA Polymerase. <i>Molecular Cell</i> , 2005, 19, 111-122.	9.7	413
3	Defective Epstein-Barr virus in chronic active infection and haematological malignancy. <i>Nature Microbiology</i> , 2019, 4, 404-413.	13.3	152
4	Evaluation of the anti-hepatitis C virus effects of cyclophilin inhibitors, cyclosporin A, and NIM811. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 879-884.	2.1	129
5	Switching of EBV cycles between latent and lytic states. <i>Reviews in Medical Virology</i> , 2014, 24, 142-153.	8.3	122
6	Regulation of Epstein-Barr virus reactivation from latency. <i>Microbiology and Immunology</i> , 2014, 58, 307-317.	1.4	102
7	Mitochondrial distribution and function in herpes simplex virus-infected cells. <i>Microbiology (United Kingdom)</i> 10.1093/mic/dgaa114	1.8	96
8	Degradation of Phosphorylated p53 by Viral Protein-ECS E3 Ligase Complex. <i>PLoS Pathogens</i> , 2009, 5, e1000530.	4.7	92
9	Epigenetic Histone Modification of Epstein-Barr Virus BZLF1 Promoter during Latency and Reactivation in Raji Cells. <i>Journal of Virology</i> , 2012, 86, 4752-4761.	3.4	92
10	Epstein-Barr Virus Deubiquitinase Downregulates TRAF6-Mediated NF- κ B Signaling during Productive Replication. <i>Journal of Virology</i> , 2013, 87, 4060-4070.	3.4	83
11	Homologous Recombinational Repair Factors Are Recruited and Loaded onto the Viral DNA Genome in Epstein-Barr Virus Replication Compartments. <i>Journal of Virology</i> , 2009, 83, 6641-6651.	3.4	74
12	Modes of infection and oncogenesis by the Epstein-Barr virus. <i>Reviews in Medical Virology</i> , 2014, 24, 242-253.	8.3	72
13	Molecular Basis of Epstein-Barr Virus Latency Establishment and Lytic Reactivation. <i>Viruses</i> , 2021, 13, 2344.	3.3	70
14	Ubiquitination and Proteasome-dependent Degradation of Human Eukaryotic Translation Initiation Factor 4E. <i>Journal of Biological Chemistry</i> , 2006, 281, 20788-20800.	3.4	68
15	Generation of Recombinant Rotaviruses Expressing Fluorescent Proteins by Using an Optimized Reverse Genetics System. <i>Journal of Virology</i> , 2018, 92, .	3.4	68
16	The Human Cytomegalovirus Gene Products Essential for Late Viral Gene Expression Assemble into Prereplication Complexes before Viral DNA Replication. <i>Journal of Virology</i> , 2011, 85, 6629-6644.	3.4	64
17	Expression of herpes simplex virus type 2 US3 affects the Cdc42/Rac pathway and attenuates c-Jun N-terminal kinase activation. <i>Genes To Cells</i> , 2000, 5, 1017-1027.	1.2	60
18	Suppression of hepatitis C virus replicon by TGF- β 2. <i>Virology</i> , 2005, 331, 407-417.	2.4	60

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19	Herpes simplex virus encodes a virion-associated protein which promotes long cellular processes in over-expressing cells. <i>Genes To Cells</i> , 2001, 6, 955-966.	1.2	57
20	Herpes simplex virus type 2 UL34 protein requires UL31 protein for its relocation to the internal nuclear membrane in transfected cells. <i>Journal of General Virology</i> , 2001, 82, 1423-1428.	2.9	56
21	Identification of phosphorylation sites on transcription factor Sp1 in response to DNA damage and its accumulation at damaged sites. <i>Cellular Signalling</i> , 2008, 20, 1795-1803.	3.6	54
22	Efficient production of infectious viruses requires enzymatic activity of Epstein-Barr virus protein kinase. <i>Virology</i> , 2009, 389, 75-81.	2.4	52
23	Noncanonical TATA Sequence in the UL44 Late Promoter of Human Cytomegalovirus Is Required for the Accumulation of Late Viral Transcripts. <i>Journal of Virology</i> , 2008, 82, 1638-1646.	3.4	49
24	Expression of Epstein-Barr virus BZLF1 immediate-early protein induces p53 degradation independent of MDM2, leading to repression of p53-mediated transcription. <i>Virology</i> , 2009, 388, 204-211.	2.4	48
25	Epigenetic modification of the Epstein-Barr virus BZLF1 promoter regulates viral reactivation from latency. <i>Frontiers in Genetics</i> , 2013, 4, 53.	2.3	44
26	Nuclear Transport of Epstein-Barr Virus DNA Polymerase Is Dependent on the BMRF1 Polymerase Processivity Factor and Molecular Chaperone Hsp90. <i>Journal of Virology</i> , 2013, 87, 6482-6491.	3.4	40
27	Generation of Infectious Recombinant Human Rotaviruses from Just 11 Cloned cDNAs Encoding the Rotavirus Genome. <i>Journal of Virology</i> , 2019, 93, .	3.4	40
28	Epstein-Barr virus infection-induced inflammasome activation in human monocytes. <i>PLoS ONE</i> , 2017, 12, e0175053.	2.5	40
29	Pin1 Interacts with the Epstein-Barr Virus DNA Polymerase Catalytic Subunit and Regulates Viral DNA Replication. <i>Journal of Virology</i> , 2013, 87, 2120-2127.	3.4	39
30	Effect of Hepatitis C Virus (HCV) NS5B-Nucleolin Interaction on HCV Replication with HCV Subgenomic Replicon. <i>Journal of Virology</i> , 2006, 80, 3332-3340.	3.4	38
31	TORC2, a Coactivator of cAMP-response Element-binding Protein, Promotes Epstein-Barr Virus Reactivation from Latency through Interaction with Viral BZLF1 Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 8033-8041.	3.4	37
32	Different Distributions of Epstein-Barr Virus Early and Late Gene Transcripts within Viral Replication Compartments. <i>Journal of Virology</i> , 2013, 87, 6693-6699.	3.4	35
33	Epstein-Barr Virus BKRF4 Gene Product Is Required for Efficient Progeny Production. <i>Journal of Virology</i> , 2017, 91, .	3.4	35
34	Transcriptional Repression by Sumoylation of Epstein-Barr Virus BZLF1 Protein Correlates with Association of Histone Deacetylase. <i>Journal of Biological Chemistry</i> , 2010, 285, 23925-23935.	3.4	34
35	High prevalence of equine-like G3P[8] rotavirus in children and adults with acute gastroenteritis in Thailand. <i>Journal of Medical Virology</i> , 2020, 92, 174-186.	5.0	33
36	Herpes simplex virus type 2 US3 blocks apoptosis induced by sorbitol treatment. <i>Microbes and Infection</i> , 2002, 4, 707-712.	1.9	32

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37	A <i>cis</i> Element between the TATA Box and the Transcription Start Site of the Major Immediate-Early Promoter of Human Cytomegalovirus Determines Efficiency of Viral Replication. <i>Journal of Virology</i> , 2008, 82, 849-858.	3.4	32
38	Tofacitinib induces G1 cell-cycle arrest and inhibits tumor growth in Epstein-Barr virus-associated T and natural killer cell lymphoma cells. <i>Oncotarget</i> , 2016, 7, 76793-76805.	1.8	32
39	Inhibition of hepatitis C virus replication by pol III-directed overexpression of RNA decoys corresponding to stem-loop structures in the NS5B coding region. <i>Virology</i> , 2005, 342, 276-285.	2.4	31
40	Heat Shock Protein 90 Inhibitors Repress Latent Membrane Protein 1 (LMP1) Expression and Proliferation of Epstein-Barr Virus-Positive Natural Killer Cell Lymphoma. <i>PLoS ONE</i> , 2013, 8, e63566.	2.5	31
41	Contribution of Myocyte Enhancer Factor 2 Family Transcription Factors to BZLF1 Expression in Epstein-Barr Virus Reactivation from Latency. <i>Journal of Virology</i> , 2013, 87, 10148-10162.	3.4	29
42	Anti-CCR4 Monoclonal Antibody Mogamulizumab for the Treatment of EBV-Associated T- and NK-Cell Lymphoproliferative Diseases. <i>Clinical Cancer Research</i> , 2014, 20, 5075-5084.	7.0	29
43	Unexpected Instability of Family of Repeats (FR), the Critical <i>cis</i> -Acting Sequence Required for EBV Latent Infection, in EBV-BAC Systems. <i>PLoS ONE</i> , 2011, 6, e27758.	2.5	28
44	Transient increases in p53-responsible gene expression at early stages of Epstein-Barr virus productive replication. <i>Cell Cycle</i> , 2010, 9, 807-814.	2.6	27
45	Direct Evidence of Abortive Lytic Infection-Mediated Establishment of Epstein-Barr Virus Latency During B-Cell Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 575255.	3.5	27
46	Enhancement of internal ribosome entry site-mediated translation and replication of hepatitis C virus by PD98059. <i>Virology</i> , 2005, 340, 105-115.	2.4	26
47	Phosphorylation of p27Kip1 by Epstein-Barr Virus Protein Kinase Induces Its Degradation through SCF ^{Skp2} Ubiquitin Ligase Actions during Viral Lytic Replication. <i>Journal of Biological Chemistry</i> , 2009, 284, 18923-18931.	3.4	26
48	BGLF2 Increases Infectivity of Epstein-Barr Virus by Activating AP-1 upon De Novo Infection. <i>MSphere</i> , 2018, 3, .	2.9	26
49	Involvement of Jun Dimerization Protein 2 (JDP2) in the Maintenance of Epstein-Barr Virus Latency. <i>Journal of Biological Chemistry</i> , 2011, 286, 22007-22016.	3.4	25
50	Regulation of Epstein-Barr Virus Life Cycle and Cell Proliferation by Histone H3K27 Methyltransferase EZH2 in Akata Cells. <i>MSphere</i> , 2018, 3, .	2.9	25
51	The Epstein-Barr Virus BDLF4 Gene Is Required for Efficient Expression of Viral Late Lytic Genes. <i>Journal of Virology</i> , 2015, 89, 10120-10124.	3.4	24
52	Encyclopedia of EBV-Encoded Lytic Genes: An Update. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1045, 395-412.	1.6	24
53	Oncogenesis of CAEBV revealed: Intragenic deletions in the viral genome and leaky expression of lytic genes. <i>Reviews in Medical Virology</i> , 2020, 30, e2095.	8.3	24
54	Anti-apoptotic protein kinase of herpes simplex virus. <i>Trends in Microbiology</i> , 2002, 10, 105-107.	7.7	23

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55	Spatiotemporally Different DNA Repair Systems Participate in Epstein-Barr Virus Genome Maturation. <i>Journal of Virology</i> , 2011, 85, 6127-6135.	3.4	23
56	Reduction of severe acute respiratory syndrome coronavirus-2 infectivity by admissible concentration of ozone gas and water. <i>Microbiology and Immunology</i> , 2021, 65, 10-16.	1.4	23
57	Identification and characterization of the UL24 gene product of herpes simplex virus type 2. <i>Virus Genes</i> , 2001, 22, 321-327.	1.6	21
58	Epstein-Barr Virus Polymerase Processivity Factor Enhances BALF2 Promoter Transcription as a Coactivator for the BZLF1 Immediate-Early Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 21557-21568.	3.4	21
59	S-Like-Phase Cyclin-Dependent Kinases Stabilize the Epstein-Barr Virus BDLF4 Protein To Temporally Control Late Gene Transcription. <i>Journal of Virology</i> , 2019, 93, .	3.4	21
60	Phosphorylation of Cytokeratin 17 by Herpes Simplex Virus Type 2 US3 Protein Kinase. <i>Microbiology and Immunology</i> , 2002, 46, 707-719.	1.4	20
61	Identification and Characterization of CCAAT Enhancer-binding Protein (C/EBP) as a Transcriptional Activator for Epstein-Barr Virus Oncogene Latent Membrane Protein 1. <i>Journal of Biological Chemistry</i> , 2011, 286, 42524-42533.	3.4	20
62	A Single Amino Acid Substitution in the ICP27 Protein of Herpes Simplex Virus Type 1 Is Responsible for Its Resistance to Leptomycin B. <i>Journal of Virology</i> , 2001, 75, 1039-1043.	3.4	19
63	RNAseq analysis identifies involvement of EBNA2 in PD-L1 induction during Epstein-Barr virus infection of primary B cells. <i>Virology</i> , 2021, 557, 44-54.	2.4	18
64	Shedding of Viable Virus in Asymptomatic SARS-CoV-2 Carriers. <i>MSphere</i> , 2021, 6, .	2.9	18
65	The heat shock protein 90 inhibitor BIIB021 suppresses the growth of T and natural killer cell lymphomas. <i>Frontiers in Microbiology</i> , 2015, 6, 280.	3.5	17
66	Elimination of LMP1-expressing cells from a monolayer of gastric cancer AGS cells. <i>Oncotarget</i> , 2017, 8, 39345-39355.	1.8	17
67	Oncolytic activity of HF10 in head and neck squamous cell carcinomas. <i>Cancer Gene Therapy</i> , 2020, 27, 585-598.	4.6	16
68	Tetrameric Ring Formation of Epstein-Barr Virus Polymerase Processivity Factor Is Crucial for Viral Replication. <i>Journal of Virology</i> , 2010, 84, 12589-12598.	3.4	15
69	Interaction between Basic Residues of Epstein-Barr Virus EBNA1 Protein and Cellular Chromatin Mediates Viral Plasmid Maintenance. <i>Journal of Biological Chemistry</i> , 2013, 288, 24189-24199.	3.4	15
70	Anti-tumor effects of suberoylanilide hydroxamic acid on Epstein-Barr virus-associated T cell and natural killer cell lymphoma. <i>Cancer Science</i> , 2014, 105, 713-722.	3.9	15
71	Characterization of an Unusual DS-1-Like G8P[8] Rotavirus Strain from Japan in 2017: Evolution of Emerging DS-1-Like G8P[8] Strains through Reassortment. <i>Japanese Journal of Infectious Diseases</i> , 2019, 72, 256-260.	1.2	15
72	Induction of Epstein-Barr Virus Oncoprotein LMP1 by Transcription Factors AP-2 and Early B Cell Factor. <i>Journal of Virology</i> , 2016, 90, 3873-3889.	3.4	14

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73	Initial Characterization of the Epstein-Barr Virus BSRF1 Gene Product. <i>Viruses</i> , 2019, 11, 285.	3.3	14
74	Full genome-based characterization of G4P[6] rotavirus strains from diarrheic patients in Thailand: Evidence for independent porcine-to-human interspecies transmission events. <i>Virus Genes</i> , 2021, 57, 338-357.	1.6	14
75	The Human Cytomegalovirus UL76 Gene Regulates the Level of Expression of the UL77 Gene. <i>PLoS ONE</i> , 2010, 5, e11901.	2.5	13
76	Role of latent membrane protein 1 in chronic active Epstein-Barr virus infection-derived T/NK cell proliferation. <i>Cancer Medicine</i> , 2014, 3, 787-795.	2.8	13
77	The Epstein-Barr virus BRRF2 gene product is involved in viral progeny production. <i>Virology</i> , 2015, 484, 33-40.	2.4	13
78	Full genome characterization of novel DS-1-like G9P[8] rotavirus strains that have emerged in Thailand. <i>PLoS ONE</i> , 2020, 15, e0231099.	2.5	13
79	Characterization of a G10P[14] rotavirus strain from a diarrheic child in Thailand: Evidence for bovine-to-human zoonotic transmission. <i>Infection, Genetics and Evolution</i> , 2018, 63, 43-57.	2.3	12
80	Deletion of Viral microRNAs in the Oncogenesis of Epstein-Barr Virus-Associated Lymphoma. <i>Frontiers in Microbiology</i> , 2021, 12, 667968.	3.5	12
81	Antitumor activity of cyclin-dependent kinase inhibitor alsterpaullone in Epstein-Barr virus-associated lymphoproliferative disorders. <i>Cancer Science</i> , 2020, 111, 279-287.	3.9	12
82	Growth behavior of bovine herpesvirus-1 in permissive and semi-permissive cells. <i>Virus Research</i> , 1999, 61, 29-41.	2.2	11
83	Roles of Epstein-Barr virus BGLF3.5 gene and two upstream open reading frames in lytic viral replication in HEK293 cells. <i>Virology</i> , 2015, 483, 44-53.	2.4	11
84	EBV Exploits RNA m6A Modification to Promote Cell Survival and Progeny Virus Production During Lytic Cycle. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	11
85	Analysis of canine herpesvirus gB, gC and gD expressed by a recombinant vaccinia virus. <i>Archives of Virology</i> , 1997, 142, 1003-1010.	2.1	10
86	The US11 Gene Product of Herpes Simplex Virus Has Intercellular Trafficking Activity. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 597-602.	2.1	10
87	5'-O-Masked 2'-deoxyadenosine analogues as lead compounds for hepatitis C virus (HCV) therapeutic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6882-6892.	3.0	10
88	A Herpesvirus Specific Motif of Epstein-Barr Virus DNA Polymerase Is Required for the Efficient Lytic Genome Synthesis. <i>Scientific Reports</i> , 2015, 5, 11767.	3.3	10
89	Epstein-Barr Virus BBRF2 Is Required for Maximum Infectivity. <i>Microorganisms</i> , 2019, 7, 705.	3.6	10
90	Genomic characterization of uncommon human G3P[6] rotavirus strains that have emerged in Kenya after rotavirus vaccine introduction, and pre-vaccine human G8P[4] rotavirus strains. <i>Infection, Genetics and Evolution</i> , 2019, 68, 231-248.	2.3	10

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91	Genomic characterization of a novel G3P[10] rotavirus strain from a diarrheic child in Thailand: Evidence for bat-to-human zoonotic transmission. <i>Infection, Genetics and Evolution</i> , 2021, 87, 104667.	2.3	10
92	Genomic characterization of an African G4P[6] human rotavirus strain identified in a diarrheic child in Kenya: Evidence for porcine-to-human interspecies transmission and reassortment. <i>Infection, Genetics and Evolution</i> , 2021, 96, 105133.	2.3	10
93	The Epstein-Barr Virus BRRF1 Gene Is Dispensable for Viral Replication in HEK293 cells and Transformation. <i>Scientific Reports</i> , 2017, 7, 6044.	3.3	9
94	The BOLF1 gene is necessary for effective Epstein-Barr viral infectivity. <i>Virology</i> , 2019, 531, 114-125.	2.4	9
95	Role of Epstein-Barr Virus C Promoter Deletion in Diffuse Large B Cell Lymphoma. <i>Cancers</i> , 2021, 13, 561.	3.7	9
96	Rapid generation of rotavirus single-gene reassortants by means of eleven plasmid-only based reverse genetics. <i>Journal of General Virology</i> , 2020, 101, 806-815.	2.9	9
97	Estrogen induces the expression of <scp>EBV</scp> lytic protein <scp>ZEBRA</scp>, a marker of poor prognosis in nasopharyngeal carcinoma. <i>Cancer Science</i> , 2022, 113, 2862-2877.	3.9	9
98	Epstein-Barr virus tegument protein BGLF2 in exosomes released from virus-producing cells facilitates de novo infection. <i>Cell Communication and Signaling</i> , 2022, 20, .	6.5	9
99	Epstein-Barr virus genome packaging factors accumulate in BMRF1-cores within viral replication compartments. <i>PLoS ONE</i> , 2019, 14, e0222519.	2.5	8
100	Human Herpesvirus and the Immune Checkpoint PD-1/PD-L1 Pathway: Disorders and Strategies for Survival. <i>Microorganisms</i> , 2021, 9, 778.	3.6	8
101	PD-L1 upregulation by lytic induction of Epstein-Barr Virus. <i>Virology</i> , 2022, 568, 31-40.	2.4	8
102	The C-Terminus of Epstein-Barr Virus BRRF2 Is Required for its Proper Localization and Efficient Virus Production. <i>Frontiers in Microbiology</i> , 2017, 8, 125.	3.5	7
103	A STING inhibitor suppresses EBV-induced B cell transformation and lymphomagenesis. <i>Cancer Science</i> , 2021, 112, 5088-5099.	3.9	7
104	EBV genome variations enhance clinicopathological features of nasopharyngeal carcinoma in a non-endemic region. <i>Cancer Science</i> , 2022, , .	3.9	7
105	Generation of recombinant rotaviruses from just 11 cDNAs encoding a viral genome. <i>Virus Research</i> , 2020, 286, 198075.	2.2	6
106	Reverse genetics system for human rotaviruses. <i>Microbiology and Immunology</i> , 2020, 64, 401-406.	1.4	6
107	Oncolytic activity of naturally attenuated herpes-simplex virus HF10 against an immunocompetent model of oral carcinoma. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 220-227.	4.4	6
108	Strategy for generation of replication-competent recombinant rotaviruses expressing multiple foreign genes. <i>Journal of General Virology</i> , 2021, 102, .	2.9	6

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109	Rapid Spread in Japan of Unusual G9P[8] Human Rotavirus Strains Possessing NSP4 Genes of E2 Genotype. <i>Japanese Journal of Infectious Diseases</i> , 2022, 75, 466-475.	1.2	6
110	Human Rotavirus Reverse Genetics Systems to Study Viral Replication and Pathogenesis. <i>Viruses</i> , 2021, 13, 1791.	3.3	5
111	The efficacy of combination therapy with oncolytic herpes simplex virus HF10 and dacarbazine in a mouse melanoma model. <i>American Journal of Cancer Research</i> , 2017, 7, 1693-1703.	1.4	5
112	Excretion of herpes simplex virus type 2 glycoprotein D into the culture medium. <i>Journal of General Virology</i> , 2002, 83, 2791-2795.	2.9	4
113	Characterization of Promoters Integrated in the Genome of Bovine Herpesvirus-1(BHV-1).. <i>Journal of Veterinary Medical Science</i> , 1999, 61, 453-457.	0.9	3
114	Characterization of a Suppressive Cis-acting Element in the Epstein-Barr Virus LMP1 Promoter. <i>Frontiers in Microbiology</i> , 2017, 8, 2302.	3.5	3
115	The FAT10 Posttranslational Modification Is Involved in Lytic Replication of Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 2021, 95, .	3.4	3
116	Comprehensive Analyses of Intraviral Epstein-Barr Virus Protein-Protein Interactions Hint Central Role of BLRF2 in the Tegument Network. <i>Journal of Virology</i> , 2022, 96, .	3.4	3
117	In Silico Analysis and Synthesis of Nafamostat Derivatives and Evaluation of Their Anti-SARS-CoV-2 Activity. <i>Viruses</i> , 2022, 14, 389.	3.3	2
118	Rotavirus incapable of NSP6 expression can cause diarrhea in suckling mice. <i>Journal of General Virology</i> , 2022, 103, .	2.9	2
119	Virological and genomic analysis of SARS-CoV-2 from a favipiravir clinical trial cohort. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 1350-1356.	1.7	1
120	Uirusu, 2001, 51, 29-36.	0.1	0
121	The Presence of Defective Epstein-Barr Virus (EBV) Infection in Patients with EBV-Associated Hematological Malignancy. <i>Blood</i> , 2018, 132, 1562-1562.	1.4	0