

Masao Matsuoka

List of Publications by Year in descending order

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299
papers

16,151
citations

11608

70
h-index

20900

115
g-index

314
all docs

314
docs citations

314
times ranked

10924
citing authors

#	ARTICLE	IF	CITATIONS
1	Human T-cell leukaemia virus type 1 (HTLV-1) infectivity and cellular transformation. <i>Nature Reviews Cancer</i> , 2007, 7, 270-280.	12.8	726
2	Integrated molecular analysis of adult T cell leukemia/lymphoma. <i>Nature Genetics</i> , 2015, 47, 1304-1315.	9.4	659
3	HTLV-I basic leucine zipper factor gene mRNA supports proliferation of adult T cell leukemia cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 720-725.	3.3	546
4	Revisiting Human IL-12R β 1 Deficiency. <i>Medicine (United States)</i> , 2010, 89, 381-402.	0.4	367
5	Broad Antiretroviral Activity and Resistance Profile of the Novel Human Immunodeficiency Virus Integrase Inhibitor Elvitegravir (JTK-303/GS-9137). <i>Journal of Virology</i> , 2008, 82, 764-774.	1.5	330
6	Novel HIV-1 Integrase Inhibitors Derived from Quinolone Antibiotics. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1506-1508.	2.9	311
7	Genetic and epigenetic inactivation of tax gene in adult T-cell leukemia cells. <i>International Journal of Cancer</i> , 2004, 109, 559-567.	2.3	309
8	Proliferation of adult T cell leukemia/lymphoma cells is associated with the constitutive activation of JAK/STAT proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 13897-13902.	3.3	268
9	HTLV-1 bZIP Factor Induces T-Cell Lymphoma and Systemic Inflammation In Vivo. <i>PLoS Pathogens</i> , 2011, 7, e1001274.	2.1	267
10	Switch circular DNA formed in cytokine-treated mouse splenocytes: Evidence for intramolecular DNA deletion in immunoglobulin class switching. <i>Cell</i> , 1990, 62, 135-142.	13.5	237
11	Human T-cell leukemia virus type 1 (HTLV-1) and leukemic transformation: viral infectivity, Tax, HBZ and therapy. <i>Oncogene</i> , 2011, 30, 1379-1389.	2.6	232
12	Two types of defective human T-lymphotropic virus type I provirus in adult T-cell leukemia. <i>Blood</i> , 1996, 88, 3065-3073.	0.6	220
13	Sequence analysis of cDNA and genomic DNA for a putative pertussis toxin-insensitive guanine nucleotide-binding regulatory protein alpha subunit.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 5384-5388.	3.3	206
14	Natural history of adult T-cell leukemia/lymphoma and approaches to therapy. <i>Oncogene</i> , 2005, 24, 6047-6057.	2.6	199
15	Human T-cell leukemia virus type I and adult T-cell leukemia. <i>Oncogene</i> , 2003, 22, 5131-5140.	2.6	181
16	Roles for MicroRNAs, miR-93 and miR-130b, and Tumor Protein 53 α -Induced Nuclear Protein 1 Tumor Suppressor in Cell Growth Dysregulation by Human T-Cell Lymphotropic Virus 1. <i>Cancer Research</i> , 2008, 68, 8976-8985.	0.4	172
17	Human T-cell leukemia virus type 1 bZIP factor selectively suppresses the classical pathway of NF- κ B. <i>Blood</i> , 2009, 113, 2755-2764.	0.6	164
18	Silencing of human T-cell leukemia virus type I gene transcription by epigenetic mechanisms. <i>Retrovirology</i> , 2005, 2, 64.	0.9	163

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19	Mechanism of hypercalcemia in adult T-cell leukemia: overexpression of receptor activator of nuclear factor κ B ligand on adult T-cell leukemia cells. <i>Blood</i> , 2002, 99, 634-640.	0.6	162
20	Revised Adult T-Cell Leukemia-Lymphoma International Consensus Meeting Report. <i>Journal of Clinical Oncology</i> , 2019, 37, 677-687.	0.8	162
21	Remodeling of gp41 EC34 Peptide Leads to Highly Effective Inhibitors of the Fusion of HIV-1 with Target Cells We thank Dr. Terrence R. Burke, Jr., NCI, NIH, Frederick, MD 21702-1201, for proofreading the manuscript and providing useful comments. This research was supported in part by a Grant-in-Aid for Scientific Research from the Ministry of Education, Culture, Sports, Science and Technology, Japan, the Japan Society for the Promotion of Science, and the Japan Health Science Foundation.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 7937.	7.2	157
22	In vivo expression of the HBZ gene of HTLV-1 correlates with proviral load, inflammatory markers and disease severity in HTLV-1 associated myelopathy/tropical spastic paraparesis (HAM/TSP). <i>Retrovirology</i> , 2009, 6, 19.	0.9	150
23	Interleukin 1 gene expression in adult T cell leukemia.. <i>Journal of Clinical Investigation</i> , 1987, 80, 911-916.	3.9	149
24	Persistent clonal proliferation of human T-lymphotropic virus type I-infected cells in vivo. <i>Cancer Research</i> , 1997, 57, 4862-7.	0.4	142
25	4 ϵ -Ethynyl Nucleoside Analogs: Potent Inhibitors of Multidrug-Resistant Human Immunodeficiency Virus Variants In Vitro. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1539-1546.	1.4	137
26	The HBZ gene, a key player in HTLV-1 pathogenesis. <i>Retrovirology</i> , 2009, 6, 71.	0.9	136
27	Sporadic on/off switching of HTLV-1 Tax expression is crucial to maintain the whole population of virus-induced leukemic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1269-E1278.	3.3	135
28	Impaired production of naive T lymphocytes in human T-cell leukemia virus type I-infected individuals: its implications in the immunodeficient state. <i>Blood</i> , 2001, 97, 3177-3183.	0.6	134
29	Mutation of CD95 (Fas/Apo-1) Gene in Adult T-Cell Leukemia Cells. <i>Blood</i> , 1998, 91, 3935-3942.	0.6	129
30	Human T-cell leukemia virus type I (HTLV-I) infection and the onset of adult T-cell leukemia (ATL). <i>Retrovirology</i> , 2005, 2, 27.	0.9	127
31	Prognostic relevance of integrated genetic profiling in adult T-cell leukemia/lymphoma. <i>Blood</i> , 2018, 131, 215-225.	0.6	124
32	Identification of Aberrantly Methylated Genes in Association with Adult T-Cell Leukemia. <i>Cancer Research</i> , 2004, 64, 6002-6009.	0.4	123
33	Proteasome inhibitor, bortezomib, potently inhibits the growth of adult T-cell leukemia cells both in vivo and in vitro. <i>Leukemia</i> , 2004, 18, 1357-1363.	3.3	122
34	HTLV-1 bZIP factor enhances TGF β signaling through p300 coactivator. <i>Blood</i> , 2011, 118, 1865-1876.	0.6	119
35	Mechanism of Inhibition of HIV-1 Reverse Transcriptase by 4 ϵ -Ethynyl-2-fluoro-2 α -deoxyadenosine Triphosphate, a Translocation-defective Reverse Transcriptase Inhibitor. <i>Journal of Biological Chemistry</i> , 2009, 284, 35681-35691.	1.6	117
36	Reducing the global burden of HTLV-1 infection: An agenda for research and action. <i>Antiviral Research</i> , 2017, 137, 41-48.	1.9	116

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37	Development of specific CXCR4 inhibitors possessing high selectivity indexes as well as complete stability in serum based on an anti-HIV peptide T140. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 1897-1902.	1.0	115
38	Transcriptional Control of Spliced and Unspliced Human T-Cell Leukemia Virus Type 1 bZIP Factor (Δ Tj ETQq0 0 0 rgBT /Overlap 10 Tf 5)	1.5	115
39	2-Deoxy-4-C-ethynyl-2-halo-adenosines active against drug-resistant human immunodeficiency virus type 1 variants. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2410-2420.	1.2	114
40	The role of HTLV-1 clonality, proviral structure, and genomic integration site in adult T-cell leukemia/lymphoma. <i>Blood</i> , 2014, 123, 3925-3931.	0.6	112
41	Multifaceted functions and roles of HBZ in HTLV-1 pathogenesis. <i>Retrovirology</i> , 2016, 13, 16.	0.9	110
42	Two types of defective human T-lymphotropic virus type I provirus in adult T-cell leukemia. <i>Blood</i> , 1996, 88, 3065-73.	0.6	110
43	Immunoglobulin switch circular DNA in the mouse infected with <i>Nippostrongylus brasiliensis</i> : evidence for successive class switching from mu to epsilon via gamma 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 7829-7833.	3.3	109
44	APOBEC3G Generates Nonsense Mutations in Human T-Cell Leukemia Virus Type 1 Proviral Genomes <i>In Vivo</i> . <i>Journal of Virology</i> , 2010, 84, 7278-7287.	1.5	106
45	A novel diagnostic method of adult T-cell leukemia: monoclonal integration of human T-cell lymphotropic virus type I provirus DNA detected by inverse polymerase chain reaction. <i>Blood</i> , 1994, 84, 3080-3085.	0.6	105
46	Peptide bond mimicry by (E)-alkene and (Z)-fluoroalkene peptide isosteres: synthesis and bioevaluation of \pm -helical anti-HIV peptide analogues. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2872.	1.5	105
47	An IL-27/Stat3 axis induces expression of programmed cell death 1 ligands (PD-1) on infiltrating macrophages in lymphoma. <i>Cancer Science</i> , 2016, 107, 1696-1704.	1.7	104
48	CXCR4 Stimulates Macropinocytosis: Implications for Cellular Uptake of Arginine-Rich Cell-Penetrating Peptides and HIV. <i>Chemistry and Biology</i> , 2012, 19, 1437-1446.	6.2	103
49	Preferential Selection of Human T-Cell Leukemia Virus Type 1 Provirus Lacking the 5' Long Terminal Repeat during Oncogenesis. <i>Journal of Virology</i> , 2007, 81, 5714-5723.	1.5	102
50	Clinical outcomes of a novel therapeutic vaccine with Tax peptide-pulsed dendritic cells for adult T cell leukaemia/lymphoma in a pilot study. <i>British Journal of Haematology</i> , 2015, 169, 356-367.	1.2	101
51	Increasing methylation of the CDKN2A gene is associated with the progression of adult T-cell leukemia. <i>Cancer Research</i> , 2000, 60, 1043-8.	0.4	99
52	Role of HTLV-1 proviral DNA load and clonality in the development of adult T-cell leukemia/lymphoma in asymptomatic carriers. <i>International Journal of Cancer</i> , 2004, 110, 621-625.	2.3	98
53	Activity against Human Immunodeficiency Virus Type 1, Intracellular Metabolism, and Effects on Human DNA Polymerases of 4-Ethynyl-2-Fluoro-2-Deoxyadenosine. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2701-2708.	1.4	96
54	A novel animal model of Epstein-Barr virus-associated hemophagocytic lymphohistiocytosis in humanized mice. <i>Blood</i> , 2011, 117, 5663-5673.	0.6	96

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55	Cooperation of NF- κ B2/p100 Activation and the PDZ Domain Binding Motif Signal in Human T-Cell Leukemia Virus Type 1 (HTLV-1) Tax1 but Not HTLV-2 Tax2 Is Crucial for Interleukin-2-Independent Growth Transformation of a T-Cell Line. <i>Journal of Virology</i> , 2007, 81, 11900-11907.	1.5	93
56	Aberrant expression of the MEL1S gene identified in association with hypomethylation in adult T-cell leukemia cells. <i>Blood</i> , 2004, 103, 2753-2760.	0.6	91
57	Human T-cell leukemia virus type 1: replication, proliferation and propagation by Tax and HTLV-1 bZIP factor. <i>Current Opinion in Virology</i> , 2013, 3, 684-691.	2.6	89
58	Amino Acid Mutation N348I in the Connection Subdomain of Human Immunodeficiency Virus Type 1 Reverse Transcriptase Confers Multiclass Resistance to Nucleoside and Nonnucleoside Reverse Transcriptase Inhibitors. <i>Journal of Virology</i> , 2008, 82, 3261-3270.	1.5	88
59	Mutations Conferring Resistance to Human Immunodeficiency Virus Type 1 Fusion Inhibitors Are Restricted by gp41 and Rev-Responsive Element Functions. <i>Journal of Virology</i> , 2005, 79, 764-770.	1.5	87
60	HTLV-1 modulates the frequency and phenotype of FoxP3+CD4+T cells in virus-infected individuals. <i>Retrovirology</i> , 2012, 9, 46.	0.9	85
61	Syntheses of 4'-C-Ethynyl- β -D-arabino- and 4'-C-Ethynyl-2'-deoxy- β -D-ribo-pentofuranosylpyrimidines and -purines and Evaluation of Their Anti-HIV Activity. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 4516-4525.	2.9	84
62	Missense mutation of the interleukin-12 receptor β 1 chain encoding gene is associated with impaired immunity against <i>Mycobacterium avium</i> complex infection. <i>Blood</i> , 2001, 97, 2688-2694.	0.6	83
63	SC29EK, a Peptide Fusion Inhibitor with Enhanced α -Helicity, Inhibits Replication of Human Immunodeficiency Virus Type 1 Mutants Resistant to Enfuvirtide. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1013-1018.	1.4	82
64	Soluble interleukin 2 receptors in sera of Japanese patients with adult T cell leukemia mark activity of disease. <i>Blood</i> , 1988, 71, 1021-1026.	0.6	81
65	Molecular mechanisms of HTLV-1 infection and pathogenesis. <i>International Journal of Hematology</i> , 2011, 94, 435-442.	0.7	80
66	Involvement of IL-2/IL-2R system activation by parasite antigen in polyclonal expansion of CD4+25+ HTLV-1-infected T-cells in human carriers of both HTLV-1 and <i>S. stercoralis</i> . <i>Oncogene</i> , 2002, 21, 2466-2475.	2.6	79
67	Mogamulizumab (Anti-CCR4) in HTLV-1-Associated Myelopathy. <i>New England Journal of Medicine</i> , 2018, 378, 529-538.	13.9	79
68	Evidence for the interleukin-2 dependent expansion of leukemic cells in adult T cell leukemia. <i>Blood</i> , 1987, 70, 1407-1411.	0.6	76
69	HTLV-1 bZIP Factor RNA and Protein Impart Distinct Functions on T-cell Proliferation and Survival. <i>Cancer Research</i> , 2015, 75, 4143-4152.	0.4	75
70	SKI and MEL1 Cooperate to Inhibit Transforming Growth Factor- β Signal in Gastric Cancer Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 3334-3344.	1.6	74
71	HTLV-1 bZIP Factor Induces Inflammation through Labile Foxp3 Expression. <i>PLoS Pathogens</i> , 2013, 9, e1003630.	2.1	74
72	ATF3, an HTLV-1 bZip factor binding protein, promotes proliferation of adult T-cell leukemia cells. <i>Retrovirology</i> , 2011, 8, 19.	0.9	73

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73	Human T-Cell Leukemia Virus Type I Induces Adult T-Cell Leukemia: From Clinical Aspects to Molecular Mechanisms. <i>Cancer Control</i> , 2007, 14, 133-140.	0.7	71
74	Synthesis and biological evaluation of selective CXCR4 antagonists containing alkene dipeptide isosteres. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 616-621.	1.5	71
75	Maximizing Functional Photoreceptor Differentiation From Adult Human Retinal Stem Cells. <i>Stem Cells</i> , 2010, 28, 489-500.	1.4	70
76	Multi-Step Aberrant CpG Island Hyper-Methylation Is Associated with the Progression of Adult T-Cell Leukemia/Lymphoma. <i>American Journal of Pathology</i> , 2010, 176, 402-415.	1.9	68
77	HBZ and its roles in HTLV-1 oncogenesis. <i>Frontiers in Microbiology</i> , 2012, 3, 247.	1.5	68
78	HTLV-1 bZIP Factor Impairs Anti-viral Immunity by Inducing Co-inhibitory Molecule, T Cell Immunoglobulin and ITIM Domain (TIGIT). <i>PLoS Pathogens</i> , 2016, 12, e1005372.	2.1	67
79	HTLV-1 bZIP factor dysregulates the Wnt pathways to support proliferation and migration of adult T-cell leukemia cells. <i>Oncogene</i> , 2013, 32, 4222-4230.	2.6	65
80	Human T-cell leukaemia virus type 1: parasitism and pathogenesis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160272.	1.8	65
81	HTLV-1 bZIP factor: the key viral gene for pathogenesis. <i>Retrovirology</i> , 2020, 17, 2.	0.9	65
82	Preferential selection of human T-cell leukemia virus type I provirus integration sites in leukemic versus carrier states. <i>Blood</i> , 2005, 106, 1048-1053.	0.6	64
83	HTLV-1 bZIP factor impairs cell-mediated immunity by suppressing production of Th1 cytokines. <i>Blood</i> , 2012, 119, 434-444.	0.6	64
84	HBZ is an immunogenic protein, but not a target antigen for human T-cell leukemia virus type 1-specific cytotoxic T lymphocytes. <i>Journal of General Virology</i> , 2009, 90, 1806-1811.	1.3	63
85	HTLV-1 bZIP Factor Suppresses Apoptosis by Attenuating the Function of FoxO3a and Altering Its Localization. <i>Cancer Research</i> , 2014, 74, 188-200.	0.4	62
86	Protective effect of cytotoxic T lymphocytes targeting HTLV-1 bZIP factor. <i>Blood</i> , 2015, 126, 1095-1105.	0.6	62
87	The 3' enhancer region determines the B/T specificity and pro-B/pre-B specificity of immunoglobulin V _H -J _H joining. <i>Cell</i> , 1995, 83, 1113-1123.	13.5	60
88	Donor-Derived T-Cell Leukemia after Bone Marrow Transplantation. <i>New England Journal of Medicine</i> , 2006, 354, 1758-1759.	13.9	60
89	Gpr176 is a Gz-linked orphan G-protein-coupled receptor that sets the pace of circadian behaviour. <i>Nature Communications</i> , 2016, 7, 10583.	5.8	60
90	HTLV-1 Viral Factor HBZ Induces CCR4 to Promote T-cell Migration and Proliferation. <i>Cancer Research</i> , 2016, 76, 5068-5079.	0.4	60

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91	40 years of the human T-cell leukemia virus: past, present, and future. <i>F1000Research</i> , 2019, 8, 228.	0.8	60
92	Electrostatically constrained α -helical peptide inhibits replication of HIV-1 resistant to enfuvirtide. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 891-899.	1.2	59
93	Loss of interleukin-2-dependency in HTLV-I-infected T cells on gene silencing of thioredoxin-binding protein-2. <i>Oncogene</i> , 2006, 25, 2181-2191.	2.6	56
94	Allogeneic Hematopoietic Stem Cell Transplantation Using Reduced-Intensity Conditioning for Adult T Cell Leukemia/Lymphoma: Impact of Antithymocyte Globulin on Clinical Outcome. <i>Biology of Blood and Marrow Transplantation</i> , 2008, 14, 702-708.	2.0	56
95	Human T-cell leukemia virus type 1 infects multiple lineage hematopoietic cells in vivo. <i>PLoS Pathogens</i> , 2017, 13, e1006722.	2.1	56
96	Design of a Novel HIV-1 Fusion Inhibitor That Displays a Minimal Interface for Binding Affinity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 388-391.	2.9	55
97	Interferon- α -induced G1 phase arrest through up-regulated expression of CDK inhibitors, p19Ink4D and p21Cip1 in mouse macrophages. <i>Oncogene</i> , 1998, 16, 2075-2086.	2.6	53
98	Human T-Cell Leukemia Virus Type 1 (HTLV-1) bZIP Factor Requires Cellular Transcription Factor JunD To Upregulate HTLV-1 Antisense Transcription from the 3' Long Terminal Repeat. <i>Journal of Virology</i> , 2012, 86, 9070-9078.	1.5	52
99	Rapid quantification of HTLV-I provirus load: Detection of monoclonal proliferation of HTLV-I-infected cells among blood donors. <i>Blood</i> , 1999, 81, 859-864.		50
100	De Novo Human T-Cell Leukemia Virus Type 1 Infection of Human Lymphocytes in NOD-SCID, Common β -Chain Knockout Mice. <i>Journal of Virology</i> , 2006, 80, 10683-10691.	1.5	49
101	2'-Deoxy-4'-Ethyne-2-Fluoroadenosine: A Nucleoside Reverse Transcriptase Inhibitor with Highly Potent Activity Against Wide Spectrum of HIV-1 Strains, Favorable Toxic Profiles, and Stability in Plasma. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1543-1546.	0.4	49
102	HIV-1 Vpr Accelerates Viral Replication during Acute Infection by Exploitation of Proliferating CD4+ T Cells In Vivo. <i>PLoS Pathogens</i> , 2013, 9, e1003812.	2.1	49
103	Constitutive overexpression of the L-selectin gene in fresh leukemic cells of adult T-cell leukemia that can be transactivated by human T-cell lymphotropic virus type 1 Tax. <i>Blood</i> , 1995, 86, 3109-3117.	0.6	48
104	Sea urchin insulator protects lentiviral vector from silencing by maintaining active chromatin structure. <i>Gene Therapy</i> , 2004, 11, 819-828.	2.3	48
105	T3 surface molecules on adult T cell leukemia cells are modulated in vivo. <i>Blood</i> , 1986, 67, 1070-1076.	0.6	47
106	HTLV-1 bZIP Factor Enhances T-Cell Proliferation by Impeding the Suppressive Signaling of Co-inhibitory Receptors. <i>PLoS Pathogens</i> , 2017, 13, e1006120.	2.1	46
107	Provirus Load in Patients with Human T-Cell Leukemia Virus Type 1 Uveitis Correlates with Precedent Graves' Disease and Disease Activities. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 608-614.	1.7	45
108	Phase II Study of Cladribine (2-Chlorodeoxyadenosine) in Relapsed or Refractory Adult T-Cell Leukemia-Lymphoma. <i>International Journal of Hematology</i> , 2003, 77, 512-517.	0.7	44

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109	Design, Efficient Synthesis, and Anti-HIV Activity of 4-Cyano- and 4-Ethynyl-2-deoxy Purine Nucleosides, Nucleotides and Nucleic Acids, 2004, 23, 671-690.	0.4	44
110	Whole-genome landscape of adult T-cell leukemia/lymphoma. <i>Blood</i> , 2022, 139, 967-982.	0.6	44
111	Heptad Repeat-Derived Peptides Block Protease-Mediated Direct Entry from the Cell Surface of Severe Acute Respiratory Syndrome Coronavirus but Not Entry via the Endosomal Pathway. <i>Journal of Virology</i> , 2008, 82, 588-592.	1.5	42
112	Design of Peptide-based Inhibitors for Human Immunodeficiency Virus Type 1 Strains Resistant to T-20*. <i>Journal of Biological Chemistry</i> , 2009, 284, 4914-4920.	1.6	41
113	Human T-Cell Leukemia Virus Type I at Age 25: A Progress Report: Figure 1.. <i>Cancer Research</i> , 2005, 65, 4467-4470.	0.4	40
114	The noncanonical role of EZH2 in cancer. <i>Cancer Science</i> , 2021, 112, 1376-1382.	1.7	40
115	Synthesis and Application of Fluorescein- and Biotin- Labeled Molecular Probes for the Chemokine Receptor CXCR4. <i>ChemBioChem</i> , 2008, 9, 1154-1158.	1.3	39
116	Clinical relevance of substitutions in the connection subdomain and RNase H domain of HIV-1 reverse transcriptase from a cohort of antiretroviral treatment-naïve patients. <i>Antiviral Research</i> , 2009, 82, 115-121.	1.9	38
117	Resistance Profiles of Novel Electrostatically Constrained HIV-1 Fusion Inhibitors. <i>Journal of Biological Chemistry</i> , 2010, 285, 39471-39480.	1.6	37
118	HTLV-2 APH-2 Expression Is Correlated With Proviral Load but APH-2 Does Not Promote Lymphocytosis. <i>Journal of Infectious Diseases</i> , 2012, 205, 82-86.	1.9	37
119	Polymorphism of the 5' Flanking Region of the Tumor Necrosis Factor (TNF) α Gene and Susceptibility to Human T-cell Lymphotropic Virus Type I (HTLV-I) Uveitis. <i>Journal of Infectious Diseases</i> , 1999, 180, 880-883.	1.9	36
120	Genetic Evidence of Transmission of Human T Cell Lymphotropic Virus Type 1 between Spouses. <i>Journal of Infectious Diseases</i> , 2002, 185, 691-695.	1.9	36
121	Characterization of simian T-cell leukemia virus type 1 in naturally infected Japanese macaques as a model of HTLV-1 infection. <i>Retrovirology</i> , 2013, 10, 118.	0.9	36
122	Mutation of CD95 (Fas/Apo-1) gene in adult T-cell leukemia cells. <i>Blood</i> , 1998, 91, 3935-42.	0.6	36
123	Leukaemogenic mechanism of human T-cell leukaemia virus type I. <i>Reviews in Medical Virology</i> , 2007, 17, 301-311.	3.9	35
124	DNA double strand break repair enzymes function at multiple steps in retroviral infection. <i>Retrovirology</i> , 2009, 6, 114.	0.9	35
125	HTLV-1 and the Host Immune System : How the Virus Disrupts Immune Regulation, Leading to HTLV-1 Associated Diseases. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2010, 50, 1-8.	0.3	35
126	Central nervous system lesions in adult T-cell leukaemia: MRI and pathology. <i>Neuroradiology</i> , 2002, 44, 559-567.	1.1	34

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127	Potent CXCR4 Antagonists Containing Amidine Type Peptide Bond Isosteres. ACS Medicinal Chemistry Letters, 2011, 2, 477-480.	1.3	33
128	HTLV-1 bZIP factor protein targets the Rb/E2F-1 pathway to promote proliferation and apoptosis of primary CD4+ T cells. Oncogene, 2016, 35, 4509-4517.	2.6	32
129	Immunoglobulin V gene replacement is caused by the intramolecular DNA deletion mechanism.. EMBO Journal, 1992, 11, 611-618.	3.5	31
130	Structural Basis for the Interaction of CCR5 with a Small Molecule, Functionally Selective CCR5 Agonist. Journal of Immunology, 2006, 177, 3116-3122.	0.4	31
131	Interferon- β Promotes Inflammation and Development of T-Cell Lymphoma in HTLV-1 bZIP Factor Transgenic Mice. PLoS Pathogens, 2015, 11, e1005120.	2.1	31
132	Oncogenic spiral by infectious pathogens: Cooperation of multiple factors in cancer development. Cancer Science, 2018, 109, 24-32.	1.7	31
133	HTLV-1 induces T cell malignancy and inflammation by viral antisense factor-mediated modulation of the cytokine signaling. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13740-13749.	3.3	31
134	Soluble interleukin 2 receptors in sera of Japanese patients with adult T cell leukemia mark activity of disease. Blood, 1988, 71, 1021-1026.	0.6	31
135	Characterization of the human gene for Gx alpha, a pertussis toxin-insensitive regulatory GTP-binding protein. Journal of Biological Chemistry, 1990, 265, 13215-20.	1.6	31
136	Identification of novel non-peptide CXCR4 antagonists by ligand-based design approach. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4124-4129.	1.0	29
137	Circadian clock regulates hepatic polyploidy by modulating Mkp1-Erk1/2 signaling pathway. Nature Communications, 2017, 8, 2238.	5.8	28
138	Development of T cell lymphoma in HTLV-1 bZIP factor and Tax double transgenic mice. Archives of Virology, 2014, 159, 1849-1856.	0.9	27
139	Regulation of Latency in the Human T Cell Leukemia Virus, HTLV-1. Annual Review of Virology, 2019, 6, 365-385.	3.0	27
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