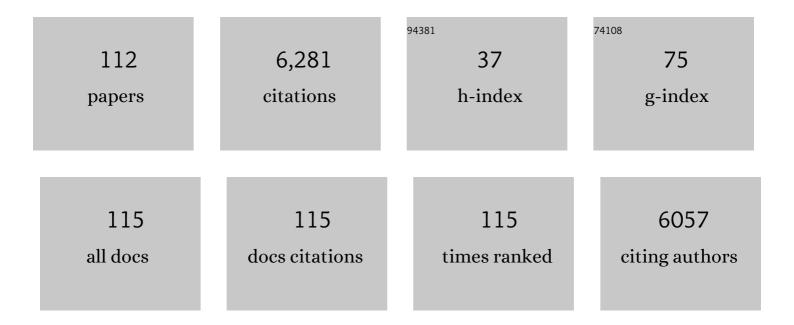
Toshiki Watanabe

List of Publications by Year in descending order

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TOSHIKI WATANARE

#	Article	IF	CITATIONS
1	Integrated molecular analysis of adult T cell leukemia/lymphoma. Nature Genetics, 2015, 47, 1304-1315.	9.4	659
2	Definition, Prognostic Factors, Treatment, and Response Criteria of Adult T-Cell Leukemia-Lymphoma: A Proposal From an International Consensus Meeting. Journal of Clinical Oncology, 2009, 27, 453-459.	0.8	485
3	Polycomb-Mediated Loss of miR-31 Activates NIK-Dependent NF-κB Pathway in Adult T Cell Leukemia and Other Cancers. Cancer Cell, 2012, 21, 121-135.	7.7	306
4	Human T-cell leukemia virus type I (HTLV-1) proviral load and disease progression in asymptomatic HTLV-1 carriers: a nationwide prospective study in Japan. Blood, 2010, 116, 1211-1219.	0.6	303
5	HTLV-I Uveitis: A Distinct Clinical Entity Caused by HTLV-I. Japanese Journal of Cancer Research, 1992, 83, 236-239.	1.7	271
6	CD30: expression and function in health and disease. Seminars in Immunology, 1998, 10, 457-470.	2.7	264
7	5′-Long Terminal Repeat-Selective CpG Methylation of Latent Human T-Cell Leukemia Virus Type 1 Provirus In Vitro and In Vivo. Journal of Virology, 2002, 76, 9389-9397.	1.5	208
8	Adult T-Cell Leukemia: A Review of Epidemiological Evidence. Frontiers in Microbiology, 2012, 3, 322.	1.5	203
9	Adult T-cell leukemia: molecular basis for clonal expansion and transformation of HTLV-1–infected T cells. Blood, 2017, 129, 1071-1081.	0.6	143
10	Polycomb-dependent epigenetic landscape in adult T-cell leukemia. Blood, 2016, 127, 1790-1802.	0.6	135
11	Dual targeting of transformed and untransformed HTLV-1-infected T cells by DHMEQ, a potent and selective inhibitor of NF-ÂB, as a strategy for chemoprevention and therapy of adult T-cell leukemia. Blood, 2005, 106, 2462-2471.	0.6	124
12	JunB Induced by Constitutive CD30–Extracellular Signal-Regulated Kinase 1/2 Mitogen-Activated Protein Kinase Signaling Activates the CD30 Promoter in Anaplastic Large Cell Lymphoma and Reed-Sternberg Cells of Hodgkin Lymphoma. Cancer Research, 2005, 65, 7628-7634.	0.4	118
13	Human T lymphotropic virus type-I and adult T-cell leukemia in Japan. International Journal of Hematology, 2002, 76, 240-245.	0.7	112
14	Variegated RHOA mutations in adult T-cell leukemia/lymphoma. Blood, 2016, 127, 596-604.	0.6	98
15	Overexpressed NF-κB–inducing kinase contributes to the tumorigenesis of adult T-cell leukemia and Hodgkin Reed-Sternberg cells. Blood, 2008, 111, 5118-5129.	0.6	97
16	Current status of HTLV-1 infection. International Journal of Hematology, 2011, 94, 430-434.	0.7	97
17	CADM1 Expression and Stepwise Downregulation of CD7 Are Closely Associated with Clonal Expansion of HTLV-l–Infected Cells in Adult T-cell Leukemia/Lymphoma. Clinical Cancer Research, 2014, 20, 2851-2861.	3.2	97
18	Incidence of human T-lymphotropic virus 1 infection in adolescent and adult blood donors in Japan: a nationwide retrospective cohort analysis. Lancet Infectious Diseases, The, 2016, 16, 1246-1254.	4.6	97

#	Article	IF	CITATIONS
19	The splenic marginal zone is absent in alymphoplasticaly mutant mice. European Journal of Immunology, 1996, 26, 669-675.	1.6	92
20	HIV-1-encoded antisense RNA suppresses viral replication for a prolonged period. Retrovirology, 2012, 9, 38.	0.9	83
21	Mogamulizumab (Anti-CCR4) in HTLV-1–Associated Myelopathy. New England Journal of Medicine, 2018, 378, 529-538.	13.9	79
22	Retroviral delivery of promoter-targeted shRNA induces long-term silencing of HIV-1 transcription. Microbes and Infection, 2009, 11, 500-508.	1.0	73
23	The Clonal Expansion of Human T Lymphotropic Virus Type 1–Infected T Cells: A Comparison between Seroconverters and Longâ€Term Carriers. Journal of Infectious Diseases, 2005, 191, 1140-1147.	1.9	68
24	The NPM-ALK oncoprotein abrogates CD30 signaling and constitutive NF-κB activation in anaplastic large cell lymphoma. Cancer Cell, 2004, 5, 353-364.	7.7	67
25	A novel NF-?B inhibitor DHMEQ selectively targets constitutive NF-?B activity and induces apoptosis of multiple myeloma cellsin vitro andin vivo. International Journal of Cancer, 2005, 114, 32-38.	2.3	67
26	CADM1 Interacts with Tiam1 and Promotes Invasive Phenotype of Human T-cell Leukemia Virus Type I-transformed Cells and Adult T-cell Leukemia Cells. Journal of Biological Chemistry, 2010, 285, 15511-15522.	1.6	61
27	Viral interference with host mRNA surveillance, the nonsense-mediated mRNA decay (NMD) pathway, through a new function of HTLV-1 Rex: implications for retroviral replication. Microbes and Infection, 2013, 15, 491-505.	1.0	56
28	Development and validation of a new high-throughput method to investigate the clonality of HTLV-1-infected cells based on provirus integration sites. Genome Medicine, 2014, 6, 46.	3.6	56
29	IL-1 Receptor Type 2 Suppresses Collagen-Induced Arthritis by Inhibiting IL-1 Signal on Macrophages. Journal of Immunology, 2015, 194, 3156-3168.	0.4	56
30	In vivo antitumor activity of the NF-κB inhibitor dehydroxymethylepoxyquinomicin in a mouse model of adult T-cell leukemia. Carcinogenesis, 2005, 26, 1382-1388.	1.3	54
31	Epigenetic Heterogeneity in HIV-1 Latency Establishment. Scientific Reports, 2015, 5, 7701.	1.6	54
32	Molecular Hallmarks of Adult T Cell Leukemia. Frontiers in Microbiology, 2012, 3, 334.	1.5	52
33	Rapid quantification of HTLV-I provirus load: Detection of monoclonal proliferation of HTLV-I-infected cells among blood donors. , 1999, 81, 859-864.		50
34	The Nature of the HTLV-1 Provirus in Naturally Infected Individuals Analyzed by the Viral DNA-Capture-Seq Approach. Cell Reports, 2019, 29, 724-735.e4.	2.9	46
35	Provirus Load in Patients with Human T-Cell Leukemia Virus Type 1 Uveitis Correlates with Precedent Graves' Disease and Disease Activities. Japanese Journal of Cancer Research, 1998, 89, 608-614.	1.7	45
36	Serum level of soluble CD30 correlates with the aggressiveness of adult T-cell leukemia/lymphoma. Cancer Science, 2005, 96, 810-815.	1.7	45

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37	Elevated expression of CD30 in adult T-cell leukemia cell lines: possible role in constitutive NF-kappaB activation. Retrovirology, 2005, 2, 29.	0.9	45
38	Transcriptional gene silencing of HIV-1 through promoter targeted RNA is highly specific. RNA Biology, 2011, 8, 1035-1046.	1.5	45
39	SUV39H1 interacts with HTLV-1 Tax and abrogates Tax transactivation of HTLV-1 LTR. Retrovirology, 2006, 3, 5.	0.9	39
40	Rapid dissemination of a pathogenic simian/human immunodeficiency virus to systemic organs and active replication in lymphoid tissues following intrarectal infection. Journal of General Virology, 2006, 87, 1311-1320.	1.3	38
41	Aberrant NF-κB2/p52 expression in Hodgkin/Reed–Sternberg cells and CD30-transformed rat fibroblasts. Oncogene, 2005, 24, 3976-3986.	2.6	35
42	Clonality of HTLV-1–infected T cells as a risk indicator for development and progression of adult T-cell leukemia. Blood Advances, 2017, 1, 1195-1205.	2.5	35
43	Primary gastric T-cell lymphoma with and without human T-lymphotropic virus type 1. , 1997, 80, 292-303.		34
44	In vitro and in vivo antitumor activity of the NF-κB inhibitor DHMEQ in the human T-cell leukemia virus type I-infected cell line, HUT-102. Leukemia Research, 2006, 30, 90-97.	0.4	34
45	HTLV-1 Rex: the courier of viral messages making use of the host vehicle. Frontiers in Microbiology, 2012, 3, 330.	1.5	34
46	Proviral Features of Human T Cell Leukemia Virus Type 1 in Carriers with Indeterminate Western Blot Analysis Results. Journal of Clinical Microbiology, 2017, 55, 2838-2849.	1.8	33
47	HTLV-1-Mediated Epigenetic Pathway to Adult T-Cell Leukemia–Lymphoma. Frontiers in Microbiology, 2018, 9, 1686.	1.5	32
48	Chronological genome and single-cell transcriptome integration characterizes the evolutionary process of adult T cell leukemia-lymphoma. Nature Communications, 2021, 12, 4821.	5.8	32
49	Novel Treatments of Adult T Cell Leukemia Lymphoma. Frontiers in Microbiology, 2020, 11, 1062.	1.5	31
50	Engraftment of human non-hodgkin lymphomas in mice with severe combined immunodeficiency. Cancer, 1993, 72, 2686-2694.	2.0	30
51	Adult Tâ€cell leukemia cells are characterized by abnormalities of <scp><i>Helios</i></scp> expression that promote T cell growth. Cancer Science, 2013, 104, 1097-1106.	1.7	30
52	Mutation of epigenetic regulators TET2 and MLL3 in patients with HTLV-I-induced acute adult T-cell leukemia. Molecular Cancer, 2016, 15, 15.	7.9	30
53	Establishment of a novel diagnostic test algorithm for human T-cell leukemia virus type 1 infection with line immunoassay replacement of western blotting: a collaborative study for performance evaluation of diagnostic assays in Japan. Retrovirology, 2020, 17, 26.	0.9	30
54	Mortality and risk of progression to adult T cell leukemia/lymphoma in HTLV-1–associated myelopathy/tropical spastic paraparesis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11685-11691.	3.3	28

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55	Prompt tumor formation and maintenance of constitutive NF-kappaB activity of multiple myeloma cells in NOD/SCID/gammaCnull mice. Cancer Science, 2004, 95, 564-568.	1.7	27
56	Identification of TL-Om1, an Adult T-Cell Leukemia (ATL) Cell Line, as Reference Material for Quantitative PCR for Human T-Lymphotropic Virus 1. Journal of Clinical Microbiology, 2015, 53, 587-596.	1.8	27
57	A Nationwide Antenatal Human T-Cell Leukemia Virus Type-1 Antibody Screening in Japan. Frontiers in Microbiology, 2020, 11, 595.	1.5	27
58	Ets-1 Activates Overexpression of JunB and CD30 in Hodgkin's Lymphoma and Anaplastic Large-Cell Lymphoma. American Journal of Pathology, 2012, 180, 831-838.	1.9	25
59	Advanced human Tâ€cell leukemia virus type 1 carriersÂand earlyâ€stage indolent adult Tâ€cell leukemiaâ€lymphoma are indistinguishable based on <scp>CADM</scp> 1 positivity in flow cytometry. Cancer Science, 2015, 106, 598-603.	1.7	25
60	Primary Gastric T-cell Lymphomas: Report of Two Cases and a Review of the Literature. Japanese Journal of Clinical Oncology, 1999, 29, 171-178.	0.6	24
61	Dysregulation of c-Myb Pathway by Aberrant Expression of Proto-oncogene <i>MYB</i> Provides the Basis for Malignancy in Adult T-cell Leukemia/lymphoma Cells. Clinical Cancer Research, 2016, 22, 5915-5928.	3.2	24
62	CD30 Characterizes Polylobated Lymphocytes and Disease Progression in HTLV-1–Infected Individuals. Clinical Cancer Research, 2018, 24, 5445-5457.	3.2	24
63	The p53 activator overcomes resistance to ALK inhibitors by regulating p53-target selectivity in ALK-driven neuroblastomas. Cell Death Discovery, 2018, 4, 56.	2.0	23
64	Subtype Analysis of HTLV-1 in Patients with HTLV-1 Uveitis. Japanese Journal of Cancer Research, 1994, 85, 767-770.	1.7	22
65	TRAF activation of C/EBPβ (NF-IL6) via p38 MAPK induces HIV-1 gene expression in monocytes/macrophagesâ [*] †. Microbes and Infection, 2007, 9, 721-728.	1.0	22
66	lκBα independent induction of NF-κB and its inhibition by DHMEQ in Hodgkin/Reed-Sternberg cells. Laboratory Investigation, 2007, 87, 372-382.	1.7	22
67	SMYD3 interacts with HTLV $\hat{s}\in I$ Tax and regulates subcellular localization of Tax. Cancer Science, 2011, 102, 260-266.	1.7	22
68	Transient inhibition of NFâ€⊮̂B by DHMEQ induces cell death of primary effusion lymphoma without HHVâ€8 reactivation. Cancer Science, 2009, 100, 737-746.	1.7	21
69	HTLV-1 Rex Tunes the Cellular Environment Favorable for Viral Replication. Viruses, 2016, 8, 58.	1.5	21
70	Induction of apoptosis in Epstein-Barr virus-infected B-lymphocytes by the NF-κB inhibitor DHMEQ. Microbes and Infection, 2008, 10, 748-756.	1.0	20
71	Standardization of Quantitative PCR for Human T-Cell Leukemia Virus Type 1 in Japan: a Collaborative Study. Journal of Clinical Microbiology, 2015, 53, 3485-3491.	1.8	20
72	The side population, as a precursor of Hodgkin and Reedâ€Sternberg cells and a target for nuclear factorâ€₽B inhibitors in Hodgkin's lymphoma. Cancer Science, 2010, 101, 2490-2496.	1.7	19

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73	CD4 ⁺ CADM1 ⁺ cell percentage predicts disease progression in HTLVâ€1 carriers and indolent adult Tâ€cell leukemia/lymphoma. Cancer Science, 2019, 110, 3746-3753.	1.7	18
74	Hodgkin's lymphoma cells are efficiently engrafted and tumor marker CD30 is expressed with constitutive nuclear factor-kappaB activity in unconditioned NOD/SCID/gammacnull mice. Cancer Science, 2005, 96, 466-473.	1.7	17
75	Factors predisposing to HTLV-1 infection in residents of the greater Tokyo area. International Journal of Hematology, 2008, 88, 565-570.	0.7	17
76	Synovial sarcoma cell lines showed reduced <scp>DNA</scp> repair activity and sensitivity to a <scp>PARP</scp> inhibitor. Genes To Cells, 2016, 21, 852-860.	0.5	15
77	Epigenetic deregulation of Ellis Van Creveld confers robust Hedgehog signaling in adult Tâ€cell leukemia. Cancer Science, 2014, 105, 1160-1169.	1.7	14
78	Coordinated loss of microRNA group causes defenseless signaling in malignant lymphoma. Scientific Reports, 2016, 5, 17868.	1.6	14
79	Molecular structure and function of CD4 on murine egg plasma membrane. Zygote, 1995, 3, 65-73.	0.5	13
80	Updates on HTLV-1 Uveitis. Viruses, 2022, 14, 794.	1.5	13
81	Mutational Intratumor Heterogeneity is a Complex and Early Event in the Development of Adult T-cell Leukemia/Lymphoma. Neoplasia, 2018, 20, 883-893.	2.3	12
82	RAISING is a high-performance method for identifying random transgene integration sites. Communications Biology, 2022, 5, .	2.0	12
83	Efficient inhibition of tumor angiogenesis and growth by a synthetic peptide blocking S100A4-methionine aminopeptidase 2 interaction. Molecular Therapy - Methods and Clinical Development, 2015, 2, 15008.	1.8	11
84	Transition of adult T-cell leukemia/lymphoma clones during clinical progression. International Journal of Hematology, 2016, 104, 330-337.	0.7	11
85	HTLV-1 uveitis and Graves' disease presenting with sudden onset of blurred vision. Lancet, The, 2022, 399, 60.	6.3	11
86	Blood Transfusion Induced Opportunistic Adult T Cell Leukaemia/Lymphoma after Hodgkin's Disease. Leukemia and Lymphoma, 1991, 5, 435-439.	0.6	10
87	Human T-cell lymphotropic virus type 1 can infect primary rat retinal glial cells and induce gene expression of inflammatory cytokines. Current Eye Research, 1997, 16, 782-791.	0.7	10
88	Multidisciplinary insight into clonal expansion of HTLV-1–infected cells in adult T-cell leukemia via modeling by deterministic finite automata coupled with high-throughput sequencing. BMC Medical Genomics, 2017, 10, 4.	0.7	10
89	A high-throughput detection method for the clonality of Human T-cell leukemia virus type-1-infected cells in vivo. International Journal of Hematology, 2020, 112, 300-306.	0.7	10
90	Cytogenetic study of a severe case of Pallister-Killian syndrome using fluorescencein situ hybridization. Japanese Journal of Human Genetics, 1994, 39, 259-267.	0.8	9

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91	Clinical significance of soluble CADM1 as a novel marker for adult T-cell leukemia/lymphoma. Haematologica, 2021, 106, 532-542.	1.7	9
92	Genome wide association study of HTLV-1–associated myelopathy/tropical spastic paraparesis in the Japanese population. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	9
93	Plasma Soluble CD30 as a Possible Marker of Adult T-cell Leukemia in HTLV-1 Carriers: a Nested Case-Control Study. Asian Pacific Journal of Cancer Prevention, 2016, 16, 8253-8258.	0.5	9
94	Clonal Selection and Evolution of HTLV-1-Infected Cells Driven by Genetic and Epigenetic Alteration. Viruses, 2022, 14, 587.	1.5	9
95	Development of reference material with assigned value for human Tâ€cell leukemia virus type 1 quantitative PCR in Japan. Microbiology and Immunology, 2018, 62, 673-676.	0.7	8
96	Expression of latent membrane protein 1 in clinically isolated cases and animal models of AIDSâ€associated nonâ€Hodgkin's lymphomas. Pathology International, 1996, 46, 568-574.	0.6	7
97	Inferring clonal structure in HTLV-1-infected individuals: towards bridging the gap between analysis and visualization. Human Genomics, 2017, 11, 15.	1.4	7
98	Germinal epimutation of Fragile Histidine Triad (FHIT) gene is associated with progression to acute and chronic adult T-cell leukemia diseases. Molecular Cancer, 2021, 20, 86.	7.9	7
99	Decreased MYC-associated factor X (MAX) expression is a new potential biomarker for adverse prognosis in anaplastic large cell lymphoma. Scientific Reports, 2020, 10, 10391.	1.6	6
100	Tackling HTLV-1 infection in ophthalmology: a nationwide survey of ophthalmic care in an endemic country, Japan. British Journal of Ophthalmology, 2020, 104, 1647-1651.	2.1	6
101	Exploring New Functional Aspects of HTLV-1 RNA-Binding Protein Rex: How Does Rex Control Viral Replication?. Viruses, 2022, 14, 407.	1.5	5
102	Elucidation of the Mechanism of Host NMD Suppression by HTLV-1 Rex: Dissection of Rex to Identify the NMD Inhibitory Domain. Viruses, 2022, 14, 344.	1.5	4
103	Malignant Lymphomas in Japanese AIDS Patients. Pathology International, 1991, 41, 744-750.	0.6	3
104	Production and characterization of a novel site-specific-modifiable anti-OX40-receptor single-chain variable fragment for targeted drug delivery. Biochemical and Biophysical Research Communications, 2018, 496, 614-620.	1.0	3
105	Functional Analysis of Aberrantly Spliced Caspase8 Variants in Adult T-Cell Leukemia Cells. Molecular Cancer Research, 2019, 17, 2522-2536.	1.5	3
106	CD30 Induces Heat Shock Protein 90 and Signal Integration in Classic Hodgkin Lymphoma Cells. American Journal of Pathology, 2017, 187, 163-175.	1.9	2
107	Improvement of the understanding of blood donors with human Tâ€cell leukaemia virus type 1 using a new information booklet. Transfusion Medicine, 2021, , .	0.5	2
108	Ligand-independent signaling by overexpressed CD30 drives NF-κB activation in Hodgkin–Reed-Sternberg cells. , 0, .		2

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109	Expanding Spectrum of HTLV-1-Related Diseases: Implications in Understanding the Mechanisms of Viral Pathogenesis. Internal Medicine, 1996, 35, 677-678.	0.3	1
110	Transactivation of CCL20 Gene by CD30 in Hodgkin's Lymphoma Blood, 2006, 108, 2258-2258.	0.6	0
111	High-Resolution Analyses of Epigenetic Aberrations in Myelodysplastic Syndrome Blood, 2007, 110, 2425-2425.	0.6	0
112	Leukemogenesis and Molecular Characteristics of Tumor Cells. , 2017, , 83-100.		0