Toshiki Watanabe

List of Publications by Year in descending order

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94381 74108 6,281 112 37 75 citations h-index g-index papers 115 115 115 6057 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	HTLV-1 uveitis and Graves' disease presenting with sudden onset of blurred vision. Lancet, The, 2022, 399, 60.	6.3	11
2	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
3	Exploring New Functional Aspects of HTLV-1 RNA-Binding Protein Rex: How Does Rex Control Viral Replication?. Viruses, 2022, 14, 407.	1.5	5
4	Clonal Selection and Evolution of HTLV-1-Infected Cells Driven by Genetic and Epigenetic Alteration. Viruses, 2022, 14, 587.	1.5	9
5	Updates on HTLV-1 Uveitis. Viruses, 2022, 14, 794.	1.5	13
6	RAISING is a high-performance method for identifying random transgene integration sites. Communications Biology, 2022, 5, .	2.0	12
7	Clinical significance of soluble CADM1 as a novel marker for adult T-cell leukemia/lymphoma. Haematologica, 2021, 106, 532-542.	1.7	9
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Novel Treatments of Adult T Cell Leukemia Lymphoma. Frontiers in Microbiology, 2020, 11, 1062.	1.5	31
17	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
18	A Nationwide Antenatal Human T-Cell Leukemia Virus Type-1 Antibody Screening in Japan. Frontiers in Microbiology, 2020, 11, 595.	1.5	27

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19	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
20	Functional Analysis of Aberrantly Spliced Caspase8 Variants in Adult T-Cell Leukemia Cells. Molecular Cancer Research, 2019, 17, 2522-2536.	1.5	3
21	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
22	Mogamulizumab (Anti-CCR4) in HTLV-1–Associated Myelopathy. New England Journal of Medicine, 2018, 378, 529-538.	13.9	79
23	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
24	CD30 Characterizes Polylobated Lymphocytes and Disease Progression in HTLV-1–Infected Individuals. Clinical Cancer Research, 2018, 24, 5445-5457.	3.2	24
25	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
26	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
27	HTLV-1-Mediated Epigenetic Pathway to Adult T-Cell Leukemia–Lymphoma. Frontiers in Microbiology, 2018, 9, 1686.	1.5	32
28	Development of reference material with assigned value for human Tâ \in ell leukemia virus type 1 quantitative PCR in Japan. Microbiology and Immunology, 2018, 62, 673-676.	0.7	8
29	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
30	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
31	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
32	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
33	Inferring clonal structure in HTLV-1-infected individuals: towards bridging the gap between analysis and visualization. Human Genomics, 2017, 11, 15.	1.4	7
34	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
35	Leukemogenesis and Molecular Characteristics of Tumor Cells. , 2017, , 83-100.		0
36	HTLV-1 Rex Tunes the Cellular Environment Favorable for Viral Replication. Viruses, 2016, 8, 58.	1.5	21

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37	Transition of adult T-cell leukemia/lymphoma clones during clinical progression. International Journal of Hematology, 2016, 104, 330-337.	0.7	11
38	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
39	Coordinated loss of microRNA group causes defenseless signaling in malignant lymphoma. Scientific Reports, 2016, 5, 17868.	1.6	14
40	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
41	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
42	Polycomb-dependent epigenetic landscape in adult T-cell leukemia. Blood, 2016, 127, 1790-1802.	0.6	135
43	Variegated RHOA mutations in adult T-cell leukemia/lymphoma. Blood, 2016, 127, 596-604.	0.6	98
44	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
45	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
46	Efficient inhibition of tumor angiogenesis and growth by a synthetic peptide blocking \$100A4-methionine aminopeptidase 2 interaction. Molecular Therapy - Methods and Clinical Development, 2015, 2, 15008.	1.8	11
47	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
48	Epigenetic Heterogeneity in HIV-1 Latency Establishment. Scientific Reports, 2015, 5, 7701.	1.6	54
49	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
50	Integrated molecular analysis of adult T cell leukemia/lymphoma. Nature Genetics, 2015, 47, 1304-1315.	9.4	659
51	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
52	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
53	CADM1 Expression and Stepwise Downregulation of CD7 Are Closely Associated with Clonal Expansion of HTLV-lâ€"Infected Cells in Adult T-cell Leukemia/Lymphoma. Clinical Cancer Research, 2014, 20, 2851-2861.	3.2	97
54	Epigenetic deregulation of Ellis Van Creveld confers robust Hedgehog signaling in adult Tâ€cell leukemia. Cancer Science, 2014, 105, 1160-1169.	1.7	14

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55	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
56	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
57	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
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	HIV-1-encoded antisense RNA suppresses viral replication for a prolonged period. Retrovirology, 2012, 9, 38.	0.9	83
60	Adult T-Cell Leukemia: A Review of Epidemiological Evidence. Frontiers in Microbiology, 2012, 3, 322.	1.5	203
61	HTLV-1 Rex: the courier of viral messages making use of the host vehicle. Frontiers in Microbiology, 2012, 3, 330.	1.5	34
62	Molecular Hallmarks of Adult T Cell Leukemia. Frontiers in Microbiology, 2012, 3, 334.	1.5	52
63	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
64	SMYD3 interacts with HTLVâ€1 Tax and regulates subcellular localization of Tax. Cancer Science, 2011, 102, 260-266.	1.7	22
65	Current status of HTLV-1 infection. International Journal of Hematology, 2011, 94, 430-434.	0.7	97
66	Transcriptional gene silencing of HIV-1 through promoter targeted RNA is highly specific. RNA Biology, 2011, 8, 1035-1046.	1.5	45
67	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
68	The side population, as a precursor of Hodgkin and Reedâ€6ternberg cells and a target for nuclear factorâ€₽B inhibitors in Hodgkin's lymphoma. Cancer Science, 2010, 101, 2490-2496.	1.7	19
69	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
70	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
71	Transient inhibition of NFâ€ĤB by DHMEQ induces cell death of primary effusion lymphoma without HHVâ€8 reactivation. Cancer Science, 2009, 100, 737-746.	1.7	21
72	Retroviral delivery of promoter-targeted shRNA induces long-term silencing of HIV-1 transcription. Microbes and Infection, 2009, 11, 500-508.	1.0	73

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73	Factors predisposing to HTLV-1 infection in residents of the greater Tokyo area. International Journal of Hematology, 2008, 88, 565-570.	0.7	17
74	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
7 5	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
76	TRAF activation of C/EBP $\hat{1}^2$ (NF-IL6) via p38 MAPK induces HIV-1 gene expression in monocytes/macrophages $\hat{1}^2$. Microbes and Infection, 2007, 9, 721-728.	1.0	22
77	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
78	High-Resolution Analyses of Epigenetic Aberrations in Myelodysplastic Syndrome Blood, 2007, 110, 2425-2425.	0.6	0
79	SUV39H1 interacts with HTLV-1 Tax and abrogates Tax transactivation of HTLV-1 LTR. Retrovirology, 2006, 3, 5.	0.9	39
80	In vitro and in vivo antitumor activity of the NF-l°B 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
81	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
82	Transactivation of CCL20 Gene by CD30 in Hodgkin's Lymphoma Blood, 2006, 108, 2258-2258.	0.6	0
83	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
84	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
85	Serum level of soluble CD30 correlates with the aggressiveness of adult T-cell leukemia/lymphoma. Cancer Science, 2005, 96, 810-815.	1.7	45
86	Aberrant NF-κB2/p52 expression in Hodgkin/Reed–Sternberg cells and CD30-transformed rat fibroblasts. Oncogene, 2005, 24, 3976-3986.	2.6	35
87	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
88	In vivo antitumor activity of the NF-lºB inhibitor dehydroxymethylepoxyquinomicin in a mouse model of adult T-cell leukemia. Carcinogenesis, 2005, 26, 1382-1388.	1.3	54
89	The Clonal Expansion of Human T Lymphotropic Virus Type 1–Infected T Cells: A Comparison between Seroconverters and Longâ€√erm Carriers. Journal of Infectious Diseases, 2005, 191, 1140-1147.	1.9	68
90	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

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91	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
92	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
93	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
94	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
95	Human T lymphotropic virus type-l and adult T-cell leukemia in Japan. International Journal of Hematology, 2002, 76, 240-245.	0.7	112
96	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
97	Rapid quantification of HTLV-I provirus load: Detection of monoclonal proliferation of HTLV-I-infected cells among blood donors. , 1999, 81, 859-864.		50
98	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
99	CD30: expression and function in health and disease. Seminars in Immunology, 1998, 10, 457-470.	2.7	264
100	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
101	Primary gastric T-cell lymphoma with and without human T-lymphotropic virus type 1., 1997, 80, 292-303.		34
102	Expanding Spectrum of HTLV-1-Related Diseases: Implications in Understanding the Mechanisms of Viral Pathogenesis. Internal Medicine, 1996, 35, 677-678.	0.3	1
103	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
104	The splenic marginal zone is absent in alymphoplasticaly mutant mice. European Journal of Immunology, 1996, 26, 669-675.	1.6	92
105	Molecular structure and function of CD4 on murine egg plasma membrane. Zygote, 1995, 3, 65-73.	0.5	13
106	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
107	Subtype Analysis of HTLV-1 in Patients with HTLV-1 Uveitis. Japanese Journal of Cancer Research, 1994, 85, 767-770.	1.7	22
108	Engraftment of human non-hodgkin lymphomas in mice with severe combined immunodeficiency. Cancer, 1993, 72, 2686-2694.	2.0	30

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109	HTLV-I Uveitis: A Distinct Clinical Entity Caused by HTLV-I. Japanese Journal of Cancer Research, 1992, 83, 236-239.	1.7	271
110	Blood Transfusion Induced Opportunistic Adult T Cell Leukaemia/Lymphoma after Hodgkin's Disease. Leukemia and Lymphoma, 1991, 5, 435-439.	0.6	10
111	Malignant Lymphomas in Japanese AIDS Patients. Pathology International, 1991, 41, 744-750.	0.6	3
112	Ligand-independent signaling by overexpressed CD30 drives NF-κB activation in Hodgkin–Reed-Sternberg cells. , 0, .		2