Kaoru Uchimaru

List of Publications by Year
in descending order

75 papers	1,674 citations	361296 20 h-index	315616 38 g-index
78 all docs	78 docs citations	78 times ranked	1840 citing authors

#	Article	IF	Citations
1	Polycomb-Mediated Loss of miR-31 Activates NIK-Dependent NF-ÎºB Pathway in Adult T Cell Leukemia and Other Cancers. Cancer Cell, 2012, 21, 121-135.	7.7	306
2	Pretransplantation Anti-CCR4 Antibody Mogamulizumab Against Adult T-Cell Leukemia/Lymphoma Is Associated With Significantly Increased Risks of Severe and Corticosteroid-Refractory Graft-Versus-Host Disease, Nonrelapse Mortality, and Overall Mortality. Journal of Clinical Oncology, 2016, 34, 3426-3433.	0.8	144
3	Polycomb-dependent epigenetic landscape in adult T-cell leukemia. Blood, 2016, 127, 1790-1802.	0.6	135
4	Targeting Excessive EZH1 and EZH2 Activities for Abnormal Histone Methylation and Transcription Network in Malignant Lymphomas. Cell Reports, 2019, 29, 2321-2337.e7.	2.9	100
5	CADM1 Expression and Stepwise Downregulation of CD7 Are Closely Associated with Clonal Expansion of HTLV-Iâ€“Infected Cells in Adult T-cell Leukemia/Lymphoma. Clinical Cancer Research, 2014, 20, 2851-2861.	3.2	97
6	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
7	Development of a modified prognostic index for patients with aggressive adult T-cell leukemia-lymphoma aged 70 years or younger: possible risk-adapted management strategies including allogeneic transplantation. Haematologica, 2017, 102, 1258-1265.	1.7	44
8	Single-Unit Cord Blood Transplantation after Granulocyte Colony-Stimulating Factorâ€“Combined Myeloablative Conditioning for Myeloid Malignancies Not in Remission. Biology of Blood and Marrow Transplantation, 2014, 20, 396-401.	2.0	37
9	Prognosis of patients with adult Tâ€cell leukemia/lymphoma in Japan: A nationwide hospitalâ€based study. Cancer Science, 2020, 111, 4567-4580.	1.7	37
10	Clonality of HTLV-1â€“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
11	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
12	HTLV-1-Mediated Epigenetic Pathway to Adult T-Cell Leukemiaâ€“Lymphoma. Frontiers in Microbiology, 2018, 9, 1686.	1.5	32
13	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
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-1â€“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	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
17	HTLV-1 infection promotes excessive T cell activation and transformation into adult T cell leukemia/lymphoma. Journal of Clinical Investigation, 2021, 131, .	3.9	25
18	Clinical Significance of Serial Measurement of the Serum Levels of Soluble Interleukin-2 Receptor and Soluble CD8 in Malignant Lymphoma. Leukemia and Lymphoma, 1995, 16, 355-362.	0.6	24

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19	Dysregulation of c-Myb Pathway by Aberrant Expression of Proto-oncogene MYB Provides the Basis for Malignancy in Adult T-cell Leukemia/lymphoma Cells. Clinical Cancer Research, 2016, 22, 5915-5928.	3.2	24
20	CD30 Characterizes Polylobated Lymphocytes and Disease Progression in HTLV-1â€“Infected Individuals. Clinical Cancer Research, 2018, 24, 5445-5457.	3.2	24
21	Trogocytosis of ligandâ€“receptor complex and its intracellular transport in CD30 signalling. Biology of the Cell, 2018, 110, 109-124.	0.7	22
22	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
23	Role of up-front allogeneic hematopoietic stem cell transplantation for patients with aggressive adult T-cell leukemia-lymphoma: a decision analysis. Bone Marrow Transplantation, 2018, 53, 905-908.	1.3	20
24	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
25	Factors predisposing to HTLV-1 infection in residents of the greater Tokyo area. International Journal of Hematology, 2008, 88, 565-570.	0.7	17
26	Cyclin D1 Overexpression Detected by a Simple Competitive Reverse Transcription-polymerase Chain Reaction Assay for Lymphoid Malignancies. Japanese Journal of Cancer Research, 1998, 89, 159-166.	1.7	16
27	Effect of ABO Blood Group Incompatibility on the Outcome of Single-Unit Cord Blood Transplantation after Myeloablative Conditioning. Biology of Blood and Marrow Transplantation, 2014, 20, 577-581.	2.0	16
28	Differentiation of Hodgkin lymphoma cells by reactive oxygen species and regulation by heme oxygenaseâ€1 through HIFâ€1Î±. Cancer Science, 2021, 112, 2542-2555.	1.7	16
29	Oncogenic Collaboration of the Cyclin D1 (PRAD1,bcl-1) Gene with a Mutated p53 and an ActivatedrasOncogene in Neoplastic Transformation. Japanese Journal of Cancer Research, 1996, 87, 459-465.	1.7	15
30	Adult T-Cell Leukemia/Lymphoma-Related Ocular Manifestations: Analysis of the First Large-Scale Nationwide Survey. Frontiers in Microbiology, 2018, 9, 3240.	1.5	14
31	Development of a Unique T Cell Receptor Gene-Transferred Tax-Redirected T Cell Immunotherapy for Adult T Cell Leukemia. Biology of Blood and Marrow Transplantation, 2020, 26, 1377-1385.	2.0	14
32	Epidemiology of adult Tâ€cell leukemiaâ€lymphoma in Japan: An updated analysis, 2012â€2013. Cancer Science, 2021, 112, 4346-4354.	1.7	14
33	Updates on HTLV-1 Uveitis. Viruses, 2022, 14, 794.	1.5	13
34	Horizontal transmission of HTLV-1 causing uveitis. Lancet Infectious Diseases, The, 2021, 21, 578.	4.6	12
35	RAISING is a high-performance method for identifying random transgene integration sites. Communications Biology, 2022, 5, .	2.0	12
36	Transition of adult T-cell leukemia/lymphoma clones during clinical progression. International Journal of Hematology, 2016, 104, 330-337.	0.7	11

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37	HTLV-1 uveitis and Graves' disease presenting with sudden onset of blurred vision. Lancet, The, 2022, 399, 60.	6.3	11
38	Multidisciplinary insight into clonal expansion of HTLV-1â€“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
39	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
40	Genome wide association study of HTLV-1â€“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
41	Clonal Selection and Evolution of HTLV-1-Infected Cells Driven by Genetic and Epigenetic Alteration. Viruses, 2022, 14, 587.	1.5	9
42	A Unique T-Cell Receptor Amino Acid Sequence Selected by Human T-Cell Lymphotropic Virus Type 1 Tax ₃₀₁₋₃₀₉ -Specific Cytotoxic T Cells in HLA-A24:02-Positive Asymptomatic Carriers and Adult T-Cell Leukemia/Lymphoma Patients. Journal of Virology, 2017, 91, .	1.5	8
43	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
44	Inferring clonal structure in HTLV-1-infected individuals: towards bridging the gap between analysis and visualization. Human Genomics, 2017, 11, 15.	1.4	7
45	Overexpression of aberrant Wnt5a and its effect on acquisition of malignant phenotypes in adult T-cell leukemia/lymphoma (ATL) cells. Scientific Reports, 2021, 11, 4114.	1.6	7
46	A case of post-transplant adult T-cell leukemia/lymphoma presenting myelopathy similar to but distinct from human T-cell leukemia virus type I (HTLV- I)-associated myelopathy. SpringerPlus, 2014, 3, 581.	1.2	6
47	Clinicopathological analysis in PTCL-NOS with CADM1 expression. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2017, 471, 659-666.	1.4	6
48	Chronic inflammatory demyelinating polyneuropathy in adult T-cell leukemia-lymphoma patients following allogeneic stem cell transplantation. Bone Marrow Transplantation, 2018, 53, 1470-1473.	1.3	6
49	The first case of elderly TCF3-HLF-positive B-cell acute lymphoblastic leukemia. Leukemia and Lymphoma, 2019, 60, 2821-2824.	0.6	6
50	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
51	Treatment of chronic lymphocytic leukemia with bendamustine in an <scp>HIV</scp>â€infected patient on antiretroviral therapy: a case report and review of the literature. Clinical Case Reports (discontinued), 2015, 3, 453-460.	0.2	5
52	Adult T-cell leukemia cell-induced uveitis: rapid increase in adult T-cell leukemia cells disrupts the bloodâ€“ocular barrier. International Journal of Hematology, 2017, 106, 842-846.	0.7	5
53	Therapy-related Acute Myeloid Leukemia after the Long-term Administration of Low-dose Etoposide for Chronic-type Adult T-cell Leukemia-lymphoma: A Case Report and Literature Review. Internal Medicine, 2017, 56, 1879-1884.	0.3	5
54	Polycomb-Dependent Epigenetic Landscape in Adult T Cell Leukemia (ATL); Providing Proof of Concept for Targeting EZH1/2 to Selectively Eliminate the HTLV-1 Infected Population. Blood, 2015, 126, 572-572.	0.6	5

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55	Exploring New Functional Aspects of HTLV-1 RNA-Binding Protein Rex: How Does Rex Control Viral Replication?. Viruses, 2022, 14, 407.	1.5	5
56	Frosted branch angiitis after allogeneic haematopoietic stem cell transplantation in adult T-cell leukaemia-lymphoma. Lancet Haematology,the, 2020, 7, e772.	2.2	4
57	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
58	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
59	An Unusually Short Latent Period of Therapy-Related Myeloid Neoplasm Harboring a Rare MLL-EP300 Rearrangement: Case Report and Literature Review. Case Reports in Hematology, 2019, 2019, 1-6.	0.3	3
60	Functional Analysis of Aberrantly Spliced Caspase8 Variants in Adult T-Cell Leukemia Cells. Molecular Cancer Research, 2019, 17, 2522-2536.	1.5	3
61	Immunophenotypic analysis of cerebrospinal fluid reveals concurrent development of ATL in the CNS of a HAM/TSP patient. International Journal of Hematology, 2020, 111, 891-896.	0.7	3
62	High Prevalence of Left Ventricular Non-Compaction and Its Effect on Chemotherapy-Related Cardiac Dysfunction in Patients With Hematological Diseases. Circulation Journal, 2020, 84, 1957-1964.	0.7	3
63	A decision analysis comparing unrelated bone marrow transplantation and cord blood transplantation in patients with aggressive adult T-cell leukemia-lymphoma. International Journal of Hematology, 2020, 111, 427-433.	0.7	2
64	Impact of Acute GVHD on Immune Reconstitution after Cord Blood Transplantation in Adult.. Blood, 2004, 104, 984-984.	0.6	2
65	Repeated Lineage Switches in an Elderly Case of Refractory B-Cell Acute Lymphoblastic Leukemia With MLL Gene Amplification: A Case Report and Literature Review. Frontiers in Oncology, 2022, 12, 799982.	1.3	2
66	Nested Polymerase Chain Reaction with Specific Primers for Mucorales in the Serum of Patients with Hematological Malignancies. Japanese Journal of Infectious Diseases, 2019, 72, 196-198.	0.5	1
67	Successful Clinical Sequencing by Molecular Tumor Board in an Elderly Patient With Refractory SÃ©zary Syndrome. JCO Precision Oncology, 2020, 4, 534-560.	1.5	1
68	BRAF-V600E Mutation on Circulating Cell-Free DNA Is a Promising Biomarker of High-Risk Adult Langerhans Cell Histiocytosis. Blood, 2014, 124, 3209-3209.	0.6	1
69	Different clonal dynamics of chronic myeloid leukaemia between bone marrow and the central nervous system. British Journal of Haematology, 2018, 183, 842-845.	1.2	0
70	Large Scale Selective Ex Vivo Expansion of CD4+CD25+FOXP3+ Regulatory T Cells from Peripheral Blood.. Blood, 2008, 112, 2344-2344.	0.6	0
71	Leukemic T Cells Are Specifically Enriched In a Unique CD3dimCD7low Subpopulation of CD4+ T Cells In Acute-Type Adult T Cell Leukemia. Blood, 2010, 116, 4144-4144.	0.6	0
72	Comprehensive Analysis of Surface Antigens on Adult T-Cell Leukemia/Lymphoma (ATL) Cells and Search for ATL-Initiating Cell Markers. Blood, 2014, 124, 1674-1674.	0.6	0

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73	Current Clinico-Epidemiological Characteristics of Adult T-Cell Leukemia-Lymphoma (ATL) Based on the 11th Nationwide Survey in Japan. Blood, 2015, 126, 5034-5034.	0.6	0
74	I. Current Status of HTLV-1 Infection and Related Diseases in Japan. The Journal of the Japanese Society of Internal Medicine, 2017, 106, 1370-1375.	0.0	0
75	Genomic Analysis of Therapy-Related Myeloid Neoplasms and Tracking of the Founder Clone By Circulating Tumor DNA. Blood, 2019, 134, 5393-5393.	0.6	0