

Chihaya Imai

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

3,133
citations

361413

20
h-index

161849

54
g-index

72
all docs

72
docs citations

72
times ranked

4135
citing authors

#	ARTICLE	IF	CITATIONS
1	Chimeric receptors with 4-1BB signaling capacity provoke potent cytotoxicity against acute lymphoblastic leukemia. <i>Leukemia</i> , 2004, 18, 676-684.	7.2	674
2	Genetic modification of primary natural killer cells overcomes inhibitory signals and induces specific killing of leukemic cells. <i>Blood</i> , 2005, 106, 376-383.	1.4	569
3	Expansion of Highly Cytotoxic Human Natural Killer Cells for Cancer Cell Therapy. <i>Cancer Research</i> , 2009, 69, 4010-4017.	0.9	526
4	T Lymphocytes Expressing a CD16 Signaling Receptor Exert Antibody-Dependent Cancer Cell Killing. <i>Cancer Research</i> , 2014, 74, 93-103.	0.9	171
5	Autonomous growth and increased cytotoxicity of natural killer cells expressing membrane-bound interleukin-15. <i>Blood</i> , 2014, 124, 1081-1088.	1.4	128
6	Development and functional characterization of human bone marrow mesenchymal cells immortalized by enforced expression of telomerase. <i>British Journal of Haematology</i> , 2003, 120, 846-849.	2.5	118
7	Hematopoietic stem cell transplantation in 29 patients hemizygous for hypomorphic IKBKG/NEMO mutations. <i>Blood</i> , 2017, 130, 1456-1467.	1.4	95
8	Replicative potential of human natural killer cells. <i>British Journal of Haematology</i> , 2009, 145, 606-613.	2.5	83
9	Synthetic Messenger RNA as a Tool for Gene Therapy. <i>Human Gene Therapy</i> , 2006, 17, 1027-1035.	2.7	63
10	Characterization of pediatric Philadelphia-negative B-cell precursor acute lymphoblastic leukemia with kinase fusions in Japan. <i>Blood Cancer Journal</i> , 2016, 6, e419-e419.	6.2	58
11	Enhancement of the anti-leukemic activity of cytokine induced killer cells with an anti-CD19 chimeric receptor delivering a 4-1BB- η activating signal. <i>Experimental Hematology</i> , 2007, 35, 1388-1397.	0.4	49
12	Activated T α cell-mediated Immunotherapy With a Chimeric Receptor Against CD38 in B-cell Non-Hodgkin Lymphoma. <i>Journal of Immunotherapy</i> , 2009, 32, 737-743.	2.4	49
13	4-1BB Chimeric Antigen Receptors. <i>Cancer Journal (Sudbury, Mass)</i> , 2014, 20, 134-140.	2.0	48
14	All-trans retinoic acid enhances cytotoxic effect of T cells with an anti-CD38 chimeric antigen receptor in acute myeloid leukemia. <i>Clinical and Translational Immunology</i> , 2016, 5, e116.	3.8	47
15	Synergistic and persistent effect of T α cell immunotherapy with anti-CD19 or anti-CD38 chimeric receptor in conjunction with rituximab on B α cell non-Hodgkin lymphoma. <i>British Journal of Haematology</i> , 2010, 151, 37-46.	2.5	43
16	Anti-proliferative effects of T cells expressing a ligand-based chimeric antigen receptor against CD116 on CD34+ cells of juvenile myelomonocytic leukemia. <i>Journal of Hematology and Oncology</i> , 2016, 9, 27.	17.0	42
17	Frequent somatic mosaicism of NEMO in T cells of patients with X-linked anhidrotic ectodermal dysplasia with immunodeficiency. <i>Blood</i> , 2012, 119, 5458-5466.	1.4	30
18	Autoimmunity and persistent RAS-mutated clones long after the spontaneous regression of JMML. <i>Leukemia</i> , 2013, 27, 1926-1928.	7.2	22

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19	Expression of the adaptor protein BLNK/SLP-65 in childhood acute lymphoblastic leukemia. <i>Leukemia</i> , 2004, 18, 922-925.	7.2	21
20	ACUTE SUPPURATIVE THYROIDITIS AS A RARE COMPLICATION OF AGGRESSIVE CHEMOTHERAPY IN CHILDREN WITH ACUTE MYELOGENEOUS LEUKEMIA. <i>Pediatric Hematology and Oncology</i> , 2002, 19, 247-253.	0.8	20
21	Primary tuberculous osteomyelitis of the mandible. <i>Pediatrics International</i> , 2004, 46, 736-739.	0.5	20
22	Dual-antigen targeted iPSC-derived chimeric antigen receptor-T cell therapy for refractory lymphoma. <i>Molecular Therapy</i> , 2022, 30, 534-549.	8.2	20
23	Disseminated BCG Infection Mimicking Metastatic Nasopharyngeal Carcinoma in an Immunodeficient Child with a Novel Hypomorphic NEMO Mutation. <i>Journal of Clinical Immunology</i> , 2011, 31, 802-810.	3.8	18
24	Donor Killer Immunoglobulin-Like Receptor Haplotype B/x Induces Severe Acute Graft-versus-Host Disease in the Presence of Human Leukocyte Antigen Mismatch in T Cell Replete Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 606-611.	2.0	18
25	A Gene Homologous to Human Endogenous Retrovirus Overexpressed in Childhood Acute Lymphoblastic Leukemia. <i>Leukemia and Lymphoma</i> , 2004, 45, 2303-2306.	1.3	15
26	Glomerular vasculopathy after unrelated cord blood transplantation. <i>Pediatric Nephrology</i> , 2003, 18, 399-402.	1.7	13
27	Impaired Tubular Excretory Function as a Late Renal Side Effect of Chemotherapy in Children. <i>Journal of Pediatric Hematology/Oncology</i> , 2003, 25, 209-214.	0.6	12
28	Glomerular dysfunction, independent of tubular dysfunction, induced by antineoplastic chemotherapy in children. <i>Pediatrics International</i> , 2004, 46, 570-575.	0.5	11
29	Successful treatment of histiocytic sarcoma with cladribine and high-dose cytosine arabinoside in a child. <i>International Journal of Hematology</i> , 2017, 106, 299-303.	1.6	10
30	Reactive Tonsillar Enlargement With Strong 18F-FDG Uptake After Chemotherapy for Tonsillar Diffuse Large B-cell Lymphoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2011, 33, e87-e88.	0.6	9
31	Discontinuation of tyrosine kinase inhibitors in pediatric chronic myeloid leukemia. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29699.	1.5	9
32	Atypical Hemophagocytic Lymphohistiocytosis Following Bacterial Tonsillitis in Acute Lymphoblastic Leukemia. <i>Leukemia and Lymphoma</i> , 2003, 44, 1247-1248.	1.3	8
33	Hematopoietic stem cell transplantation for pediatric mature B-cell acute lymphoblastic leukemia with non-L3 morphology and MLL-AF9 gene fusion: three case reports and review of the literature. <i>International Journal of Hematology</i> , 2016, 104, 139-143.	1.6	8
34	Nationwide study of pediatric B-cell precursor acute lymphoblastic leukemia with chromosome 8q24/ MYC rearrangement in Japan. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28341.	1.5	8
35	Ratio of eosinophil cationic protein/eosinophil count as a new marker in children with acute asthma. <i>Pediatrics International</i> , 1999, 41, 142-146.	0.5	7
36	Juvenile myelomonocytic leukemia with less aggressive clinical course and KRAS mutation. <i>Pediatric Blood and Cancer</i> , 2008, 51, 569-569.	1.5	7

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37	EFFECT OF CHARCOAL HEMOPERFUSION FOR REMOVAL OF PLASMA METHOTREXATE IN A PATIENT WITH ACUTE RENAL FAILURE. <i>Pediatric Hematology and Oncology</i> , 2009, 26, 520-525.	0.8	7
38	A 2-year-old boy with a stage III yolk sac tumor occurring in an intra-abdominal retained testis. <i>Journal of Pediatric Surgery</i> , 2009, 44, 2395-2398.	1.6	7
39	Development and characterisation of NKp44-based chimeric antigen receptors that confer T cells with NK cell-like specificity. <i>Clinical and Translational Immunology</i> , 2020, 9, e1147.	3.8	7
40	A novel homozygous 8-base pair deletion mutation in the glycoprotein I β gene in a patient with Bernard-Soulier syndrome. <i>Blood Coagulation and Fibrinolysis</i> , 2009, 20, 470-474.	1.0	6
41	Effect of weight loss on body fat distribution in obese children. <i>Pediatrics International</i> , 1997, 39, 28-33.	0.5	5
42	Double leukemias simultaneously showing lymphoblastic leukemia of the bone marrow and monocytic leukemia of the central nervous system. <i>American Journal of Hematology</i> , 2004, 75, 164-167.	4.1	5
43	Human leukocyte antigen I is significantly downregulated in patients with myxoid liposarcomas. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 3489-3499.	4.2	5
44	Vincristine-induced Fever in a Child With Rhabdomyosarcoma: Cellular Hypersensitivity to Vincristine Demonstrated by Leukocyte Migration Test. <i>The American Journal of Pediatric Hematology/Oncology</i> , 2001, 23, 73-74.	1.3	5
45	Psychosomatic reaction exhibiting hemorrhagic erythema and motorsensory disturbance. <i>Pediatrics International</i> , 2003, 45, 472-474.	0.5	4
46	Lymphoblastic lymphoma with mature B-cell immunophenotype and MLL-AF9 in a child. <i>Pediatric Blood and Cancer</i> , 2011, 57, 1251-1252.	1.5	4
47	Chemotherapy-induced multiple vertebral compression fractures in a boy with acute lymphoblastic leukemia. <i>Pediatrics International</i> , 2002, 44, 683-685.	0.5	3
48	Secondary osteosarcoma arising from osteochondroma following autologous stem cell transplantation with total-body irradiation for neuroblastoma: A case report. <i>Oncology Letters</i> , 2015, 10, 1026-1030.	1.8	3
49	Infantile exanthematous disease with elevated anti-toxic shock syndrome toxin-1 antibody: Related to toxic shock syndrome toxin-1?. <i>Pediatrics International</i> , 2000, 42, 178-180.	0.5	2
50	Morphological differences between glomerular epithelial cells (GEC) excreted during chemotherapy with antineoplastic drugs and GEC excreted in renal diseases. <i>Pediatrics International</i> , 2001, 43, 587-591.	0.5	2
51	Autonomously functioning thyroid nodule in a four-year-old boy with Sotos syndrome. <i>Pediatrics International</i> , 2011, 53, 137-138.	0.5	2
52	Nationwide survey of pediatric hypodiploid acute lymphoblastic leukemia in Japan. <i>Pediatrics International</i> , 2019, 61, 1103-1108.	0.5	2
53	Effectiveness of 4-1BB-costimulated HER2-targeted chimeric antigen receptor T cell therapy for synovial sarcoma. <i>Translational Oncology</i> , 2021, 14, 101227.	3.7	2
54	Contingent negative variation in children with anorexia nervosa. <i>Pediatrics International</i> , 1999, 41, 285-291.	0.5	2

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55	A Novel NKp44-Based Chimeric Antigen Receptor That Targets Multiple Types of Cancer. <i>Blood</i> , 2016, 128, 3517-3517.	1.4	2
56	CENTROFACIAL MALIGNANT T-CELL LYMPHOMA EXHIBITING RECURRENT FEVER AND SKIN ULCER IN A 3-YEAR-OLD GIRL. <i>Pediatric Hematology and Oncology</i> , 2002, 19, 575-580.	0.8	1
57	Genetic Modification of Natural Killer Cells for Leukemia Therapies. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2007, 6, 101-108.	1.1	1
58	Fatal Progressive Meningoencephalitis Diagnosed in Two Members of a Family With X-Linked Agammaglobulinemia. <i>Frontiers in Pediatrics</i> , 2020, 8, 579.	1.9	1
59	Clinical outcome of patients with recurrent or refractory localized Ewing's sarcoma family of tumors: A retrospective report from the Japan Ewing Sarcoma Study Group. <i>Cancer Reports</i> , 2021, 4, e1329.	1.4	1
60	Synthetic Messenger RNA as a Tool for Gene Therapy. <i>Human Gene Therapy</i> , 2006, .	2.7	1
61	Augmented Consolidation Therapy Based on Minimal Residual Disease (MRD) and Analysis of the Measurement of Sequential MRD in Childhood Acute Lymphoblastic Leukemia : Children's Cancer and Leukemia Study Group of JAPAN (CCLSG), Cclsg ALL 2004 Protocol Study. <i>Blood</i> , 2015, 126, 3724-3724.	1.4	1
62	In-Hospital Management Might Reduce Induction Deaths in Pediatric Patients With Acute Lymphoblastic Leukemia: Results From a Japanese Cohort. <i>Journal of Pediatric Hematology/Oncology</i> , 2021, 43, 39-46.	0.6	1
63	Drug-induced panniculitis in a child with acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29501.	1.5	1
64	Short Stature as an Initial Presenting Presentation of Unicentric Castleman Disease in a Child: A Case Report With Long-Term Follow-Up and a Literature Review. <i>Modern Rheumatology Case Reports</i> , 2022, , .	0.7	1
65	Alveolar rhabdomyosarcoma after treatment of osteosarcoma. <i>Pediatrics International</i> , 2013, 55, 527-530.	0.5	0
66	Spontaneous remission of infant acute myeloid leukemia with a novel four-way translocation. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28052.	1.5	0
67	Development of Effective Immunotherapy for B-Cell Non-Hodgkin's Lymphoma with CD19-Specific Cytotoxic T Cells.. <i>Blood</i> , 2004, 104, 3277-3277.	1.4	0
68	Sustained Expansion of Human Natural Killer Cells for Leukemia Therapy.. <i>Blood</i> , 2006, 108, 3719-3719.	1.4	0
69	Interleukin-21 Gene Transduction in Human Natural Killer Cells Enhances Their Anti-Leukemic Capacity. <i>Blood</i> , 2015, 126, 5425-5425.	1.4	0
70	BRAFV600E-Positive Precursors As Molecular Markers of Bone Marrow Involvement in Pediatric Langerhans Cell Histiocytosis. <i>Blood</i> , 2019, 134, 3588-3588.	1.4	0
71	Newly diagnosed ETV6-RUNX1-positive B-acute lymphoblastic leukemia localized to the left pelvic bone marrow. <i>International Journal of Hematology</i> , 2022, 115, 151-152.	1.6	0
72	Time Course of Conical Teeth in Anhidrotic Ectodermal Dysplasia with Immunodeficiency. <i>Journal of Clinical Immunology</i> , 0, , .	3.8	0