

Hiroshi Hamana

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

877
citations

471371

17
h-index

501076

28
g-index

60
all docs

60
docs citations

60
times ranked

1619
citing authors

#	ARTICLE	IF	CITATIONS
1	Clonally Expanded Decidual Effector Regulatory T Cells Increase in Late Gestation of Normal Pregnancy, but Not in Preeclampsia, in Humans. <i>Frontiers in Immunology</i> , 2018, 9, 1934.	2.2	89
2	A new cloning and expression system yields and validates TCRs from blood lymphocytes of patients with cancer within 10 days. <i>Nature Medicine</i> , 2013, 19, 1542-1546.	15.2	79
3	Association Between High-Avidity T-Cell Receptors, Induced by Î±-FetoproteinâDerived Peptides, and Anti-Tumor Effects in Patients With Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2017, 152, 1395-1406.e10.	0.6	61
4	Analysis of TCR Repertoire and PD-1 Expression in Decidual and Peripheral CD8+ T Cells Reveals Distinct Immune Mechanisms in Miscarriage and Preeclampsia. <i>Frontiers in Immunology</i> , 2020, 11, 1082.	2.2	52
5	Identification of broadly conserved cross-species protective <i>Leishmania</i> antigen and its responding CD4 ⁺ T cells. <i>Science Translational Medicine</i> , 2015, 7, 310ra167.	5.8	51
6	Sensitivity-dependent Hierarchical Receptor Codes for Odors. <i>Chemical Senses</i> , 2003, 28, 87-104.	1.1	45
7	Salicylate restores transport function and anion exchanger activity of missense pendrin mutations. <i>Hearing Research</i> , 2010, 270, 110-118.	0.9	39
8	Identification of Tumoricidal TCRs from Tumor-Infiltrating Lymphocytes by Single-Cell Analysis. <i>Cancer Immunology Research</i> , 2018, 6, 378-388.	1.6	35
9	A novel, rapid and efficient method of cloning functional antigen-specific T-cell receptors from single human and mouse T-cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 709-714.	1.0	34
10	A chimeric antigen receptor for TRAIL-receptor 1 induces apoptosis in various types of tumor cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 798-803.	1.0	33
11	Alterations in polyamine levels of nematode, earthworm, leech and planarian during regeneration, temperature and osmotic stresses. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1995, 111, 91-97.	0.7	30
12	Monoclonal Antibody Against Citrullinated Peptides Obtained From Rheumatoid Arthritis Patients Reacts With Numerous Citrullinated Microbial and Food Proteins. <i>Arthritis and Rheumatology</i> , 2015, 67, 2020-2031.	2.9	29
13	Highly functional T-cell receptor repertoires are abundant in stem memory T cells and highly shared among individuals. <i>Scientific Reports</i> , 2017, 7, 3663.	1.6	29
14	Hematopoiesis by iPSC-derived hematopoietic stem cells of aplastic anemia that escape cytotoxic T-cell attack. <i>Blood Advances</i> , 2018, 2, 390-400.	2.5	27
15	Identification of Novel HLA Class II-Restricted Neoantigens Derived from Driver Mutations. <i>Cancers</i> , 2019, 11, 266.	1.7	23
16	Supersensitive detection and discrimination of enantiomers by dorsal olfactory receptors: evidence for hierarchical odour coding. <i>Scientific Reports</i> , 2015, 5, 14073.	1.6	22
17	Architecture of odor information processing in the olfactory system. <i>Anatomical Science International</i> , 2008, 83, 195-206.	0.5	21
18	Heterologous functional expression system for odorant receptors. <i>Journal of Neuroscience Methods</i> , 2010, 185, 213-220.	1.3	18

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19	TRAIL-receptor 1 IgM antibodies strongly induce apoptosis in human cancer cells <i>in vitro</i> and <i>in vivo</i> . <i>Oncolmmunology</i> , 2016, 5, e1131380.	2.1	15
20	Introduction of Genetically Modified CD3 ζ Improves Proliferation and Persistence of Antigen-Specific CTLs. <i>Cancer Immunology Research</i> , 2018, 6, 733-744.	1.6	14
21	Bladder cancer-associated cancer-testis antigen-derived long peptides encompassing both CTL and promiscuous HLA class II-restricted Th cell epitopes induced CD4 ⁺ T cells expressing converged T-cell receptor genes <i>in vitro</i> . <i>Oncolmmunology</i> , 2018, 7, e1415687.	2.1	12
22	Ubiquitous occurrence of agmatine as the major polyamine within extremely halophilic archaeobacteria.. <i>Journal of General and Applied Microbiology</i> , 1995, 41, 153-158.	0.4	12
23	Distribution of unusual long and branched polyamines in thermophilic eubacteria belonging to "Rhodothermus," <i>Thermus</i> and <i>Thermonema</i> .. <i>Journal of General and Applied Microbiology</i> , 1992, 38, 575-584.	0.4	11
24	Functional Reconstitution of Olfactory Receptor Complex on Baculovirus. <i>Chemical Senses</i> , 2012, 37, 837-847.	1.1	9
25	Atomic force microscopy imaging of the structure of the motor protein prestin reconstituted into an artificial lipid bilayer. <i>FEBS Letters</i> , 2010, 584, 2872-2876.	1.3	8
26	Rapid cloning of antigen-specific T-cell receptors by leveraging the cis activation of T cells. <i>Nature Biomedical Engineering</i> , 2022, 6, 806-818.	11.6	7
27	Orotate Phosphoribosyltransferase from <i>Thermus thermophilus</i> : Overexpression in <i>Escherichia coli</i> , Purification and Characterizatiton. <i>Journal of Biochemistry</i> , 1995, 118, 1261-1267.	0.9	6
28	Sensitive detection of the binding of E2F to its promoter by exonuclease III- and BssHIII-protection PCR assays. <i>Journal of Proteomics</i> , 1999, 39, 85-92.	2.4	6
29	Autoantibodies reactive to PEP08 are clinically related with morbidity and severity of interstitial lung disease in connective tissue diseases. <i>European Journal of Immunology</i> , 2018, 48, 1717-1727.	1.6	6
30	A novel and simple method to produce large amounts of recombinant soluble peptide/major histocompatibility complex monomers for analysis of antigen-specific human T cell receptors. <i>New Biotechnology</i> , 2019, 49, 169-177.	2.4	6
31	Non-transmissible MV Vector with Segmented RNA Genome Establishes Different Types of iPSCs from Hematopoietic Cells. <i>Molecular Therapy</i> , 2020, 28, 129-141.	3.7	6
32	Artificial T Cell Adaptor Molecule-Transduced TCR-T Cells Demonstrated Improved Proliferation Only When Transduced in a Higher Intensity. <i>Molecular Therapy - Oncolytics</i> , 2020, 18, 613-622.	2.0	6
33	Physiologic Target, Molecular Evolution, and Pathogenic Functions of a Monoclonal Anti- α -Citrullinated Protein Antibody Obtained From a Patient With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2020, 72, 2040-2049.	2.9	6
34	TCR function analysis using a novel system reveals the multiple unconventional tumor-reactive T cells in human breast cancer-infiltrating lymphocytes. <i>European Journal of Immunology</i> , 2021, 51, 2306-2316.	1.6	5
35	Identification of a Protective <i>Leishmania</i> Antigen Dihydrolipoyl Dehydrogenase and Its Responding CD4 ⁺ T Cells at Clonal Level. <i>Journal of Immunology</i> , 2020, 205, 1355-1364.	0.4	4
36	NKG2D defines tumor-reacting effector CD8 ⁺ T cells within tumor microenvironment. <i>Cancer Science</i> , 2021, 112, 3484-3490.	1.7	4

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37	Retroviral vectors for homologous recombination provide efficient cloning and expression in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 319-324.	1.0	3
38	Relationship between T cell receptor clonotype and PD-1 expression of tumor-infiltrating lymphocytes in colorectal cancer. <i>European Journal of Immunology</i> , 2020, 50, 1580-1590.	1.6	3
39	Medium temperature, 310 K, provides single crystals of orotate phosphoribosyltransferase from <i>Thermus thermophilus</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 345-346.	2.5	2
40	Rapid and efficient generation of T cell receptor-like antibodies using chip-based single cell analysis. <i>European Journal of Immunology</i> , 2021, 51, 1850-1853.	1.6	2
41	Downregulation of HLA class II is associated with relapse after allogeneic stem cell transplantation and alters recognition by antigen-specific T cells. <i>International Journal of Hematology</i> , 2022, 115, 371.	0.7	2
42	Novel chimeric G-protein improved ligand discrimination ability of odorant receptor in a heterologous functional expression system. <i>Neuroscience Research</i> , 2010, 68, e227.	1.0	1
43	High-Resolution AFM Imaging of Prestin Purified and Reconstituted into an Artificial Lipid Bilayer. , 2011, , .		1
44	Newly Developed Measles Viral Vector Can Efficiently Transduce Multiple Genes into naïve T Cells. <i>Blood</i> , 2014, 124, 4798-4798.	0.6	1
45	The largest subtype of murine odorant receptors responsive to a pair of enantiomers is more sensitive to a more potent partner of the enantiomers in human perception. <i>Neuroscience Research</i> , 2007, 58, S102.	1.0	0
46	3F1458 Chimeric G α 15 β improved response dynamics and odorant tuning specificity of odorant receptors expressing in HEK293 cells(3F Neuroscience & Sensory systems, Neuronal) <i>Trends in Neurosciences</i> , 2011, 34, S128.	0.0	0
47	Identification of tumor-specific T cell receptors from primary tumor-infiltrating lymphocytes. , 2015, 3, .		0
48	Characterization of tumor-infiltrating CD8+ T lymphocytes in malignant lymphoma. <i>Annals of Oncology</i> , 2015, 26, vii101.	0.6	0
49	Isolation of Antigen-Specific, Antibody-Secreting Cells Using a Chip-Based Immunospot Array. <i>Methods in Molecular Biology</i> , 2019, 1904, 147-162.	0.4	0
50	CHALLENGES IN RESEARCH ON AUDITORY MECHANICS. , 2012, , .		0
51	Comprehensive T-Cell Receptor Repertoire Analysis Using Deep Sequencing and Single Cell Cloning Reveals Extreme Oligoclonality of Ex Vivo Expanded Cytomegalovirus-Reactive Cytotoxic T-Cells. <i>Blood</i> , 2015, 126, 1891-1891.	0.6	0
52	Abstract 5636: Identification of bladder cancer-associated cancer-testis antigens-derived long peptides encompassing both CTL and promiscuous HLA class II-restricted Th cell epitopes. , 2018, , .		0
53	Identification of T-Cell Receptors Specific to Antigens Presented By HLA-B4002 and B5401 in Acquired Aplastic Anemia. <i>Blood</i> , 2019, 134, 3751-3751.	0.6	0
54	Evaluation of chimeric antigen receptor of humanized rabbit-derived T cell receptor-like antibody. <i>Cancer Science</i> , 0, , .	1.7	0