

Toshiyuki Tanaka

List of Publications by Year in descending order

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89
papers

4,349
citations

117453

34
h-index

110170

64
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90
all docs

90
docs citations

90
times ranked

5381
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncogenic transformation of NIH/3T3 cells by the overexpression of L-type amino acid transporter 1, a promising anti-cancer target. <i>Oncotarget</i> , 2021, 12, 1256-1270.	0.8	8
2	Reduced lifespan of erythrocytes in Dahl/Salt sensitive rats is the cause of the renal proximal tubule damage. <i>Scientific Reports</i> , 2020, 10, 22023.	1.6	8
3	Neutrophil/lymphocyte ratio elevation in renal dysfunction is caused by distortion of leukocyte hematopoiesis in bone marrow. <i>Renal Failure</i> , 2019, 41, 284-293.	0.8	10
4	Differential regulation of the sphere formation and maintenance of cancer-initiating cells of malignant mesothelioma via CD44 and ALK4 signaling pathways. <i>Oncogene</i> , 2018, 37, 6357-6367.	2.6	16
5	Inhibition of tumor formation and metastasis by a monoclonal antibody against lymphatic vessel endothelial hyaluronan receptor 1. <i>Cancer Science</i> , 2018, 109, 3171-3182.	1.7	24
6	Suppression of SOX7 by DNA methylation and its tumor suppressor function in acute myeloid leukemia. <i>Blood</i> , 2015, 125, 3928-3936.	0.6	47
7	Constitutive Lymphocyte Transmigration across the Basal Lamina of High Endothelial Venules Is Regulated by the Autotaxin/Lysophosphatidic Acid Axis. <i>Journal of Immunology</i> , 2013, 190, 2036-2048.	0.4	95
8	Dynamic Changes in Endothelial Cell Adhesion Molecule Nepmucin/CD300LG Expression under Physiological and Pathological Conditions. <i>PLoS ONE</i> , 2013, 8, e83681.	1.1	13
9	Constitutive Plasmacytoid Dendritic Cell Migration to the Splenic White Pulp Is Cooperatively Regulated by CCR7- and CXCR4-Mediated Signaling. <i>Journal of Immunology</i> , 2012, 189, 191-199.	0.4	53
10	NIH/3T3 cells overexpressing CD98 heavy chain resist early G1 arrest and apoptosis induced by serum starvation. <i>Cancer Science</i> , 2012, 103, 1460-1466.	1.7	9
11	Oncogenicity of L-type amino-acid transporter 1 (LAT1) revealed by targeted gene disruption in chicken DT40 cells: LAT1 is a promising molecular target for human cancer therapy. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 649-655.	1.0	31
12	Rap1 controls lymphocyte adhesion cascade and interstitial migration within lymph nodes in RAPL-dependent and -independent manners. <i>Blood</i> , 2010, 115, 804-814.	0.6	49
13	LIM domain-containing adaptor, leupaxin, localizes in focal adhesion and suppresses the integrin-induced tyrosine phosphorylation of paxillin. <i>Cancer Science</i> , 2010, 101, 363-368.	1.7	22
14	Antibody-mediated blockade of IL-15 reverses the autoimmune intestinal damage in transgenic mice that overexpress IL-15 in enterocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15849-15854.	3.3	124
15	Nepmucin/CLM9, an Ig domain-containing sialomucin in vascular endothelial cells, promotes lymphocyte transendothelial migration in vitro. <i>FEBS Letters</i> , 2008, 582, 3018-3024.	1.3	22
16	Involvement of the Lysophosphatidic Acid-Generating Enzyme Autotaxin in Lymphocyte-Endothelial Cell Interactions. <i>American Journal of Pathology</i> , 2008, 173, 1566-1576.	1.9	107
17	CD73-Generated Adenosine Restricts Lymphocyte Migration into Draining Lymph Nodes. <i>Journal of Immunology</i> , 2008, 180, 6288-6296.	0.4	83
18	Regulation of Leukocyte Migration Across Endothelial Barriers by ECTO-5'-Nucleotidase-Generated Adenosine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 755-760.	0.4	24

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19	Chondroitin Sulfate E Fragments Enhance CD44 Cleavage and CD44-Dependent Motility in Tumor Cells. <i>Cancer Research</i> , 2008, 68, 7191-7199.	0.4	80
20	Binding of Lymphoid Chemokines to Collagen IV That Accumulates in the Basal Lamina of High Endothelial Venules: Its Implications in Lymphocyte Trafficking. <i>Journal of Immunology</i> , 2007, 179, 4376-4382.	0.4	70
21	CD43 Collaborates with P-Selectin Glycoprotein Ligand-1 to Mediate E-Selectin-Dependent T Cell Migration into Inflamed Skin. <i>Journal of Immunology</i> , 2007, 178, 2499-2506.	0.4	56
22	Plasmacytoid dendritic cells employ multiple cell adhesion molecules sequentially to interact with high endothelial venule cells - molecular basis of their trafficking to lymph nodes. <i>International Immunology</i> , 2007, 19, 1031-1037.	1.8	21
23	Aspirin prevents adhesion of T lymphoblasts to vascular smooth muscle cells. <i>FEBS Letters</i> , 2007, 581, 427-432.	1.3	13
24	Dynamic Expression of Chemokines and the Infiltration of Inflammatory Cells in the HSV-Infected Cornea and its Associated Tissues. <i>Ocular Immunology and Inflammation</i> , 2006, 14, 257-266.	1.0	23
25	CD52 is a novel costimulatory molecule for induction of CD4+ regulatory T cells. <i>Clinical Immunology</i> , 2006, 120, 247-259.	1.4	139
26	Development of new screening system for Alzheimer disease, in vitro A β 2 sink assay, to identify the dissociation of soluble A β 2 from fibrils. <i>Neurobiology of Disease</i> , 2006, 22, 487-495.	2.1	8
27	Nepmucin, a novel HEV sialomucin, mediates L-selectin-dependent lymphocyte rolling and promotes lymphocyte adhesion under flow. <i>Journal of Experimental Medicine</i> , 2006, 203, 1603-1614.	4.2	58
28	CCR7 Is Critically Important for Migration of Dendritic Cells in Intestinal Lamina Propria to Mesenteric Lymph Nodes. <i>Journal of Immunology</i> , 2006, 176, 803-810.	0.4	381
29	CXCL13 is an arrest chemokine for B cells in high endothelial venules. <i>Blood</i> , 2005, 106, 2613-2618.	0.6	49
30	Chemokines in tumor progression and metastasis. <i>Cancer Science</i> , 2005, 96, 317-322.	1.7	183
31	Invasive human pancreatic carcinoma cells adhere to endothelial tri-cellular corners and increase endothelial permeability. <i>Cancer Science</i> , 2005, 96, 766-773.	1.7	11
32	Endomucin, a sialomucin expressed in high endothelial venules, supports L-selectin-mediated rolling. <i>International Immunology</i> , 2004, 16, 1265-1274.	1.8	31
33	Molecular Determinants Controlling Homeostatic Recirculation and Tissue-Specific Trafficking of Lymphocytes. <i>International Archives of Allergy and Immunology</i> , 2004, 134, 120-134.	0.9	32
34	Lymphocyte trafficking across high endothelial venules: dogmas and enigmas. <i>Nature Reviews Immunology</i> , 2004, 4, 360-370.	10.6	401
35	How do lymphocytes find their way in vivo?. <i>Ensho Saisei</i> , 2004, 24, 611-618.	0.2	0
36	Thromboxane A2 modulates interaction of dendritic cells and T cells and regulates acquired immunity. <i>Nature Immunology</i> , 2003, 4, 694-701.	7.0	189

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37	A high endothelial venule-expressing promiscuous chemokine receptor DARC can bind inflammatory, but not lymphoid, chemokines and is dispensable for lymphocyte homing under physiological conditions. <i>International Immunology</i> , 2003, 15, 1219-1227.	1.8	81
38	A High Endothelial Venule Secretory Protein, Mac25/Angiomodulin, Interacts with Multiple High Endothelial Venule-Associated Molecules Including Chemokines. <i>Journal of Immunology</i> , 2003, 171, 553-561.	0.4	61
39	Cutting Edge: The B Cell Chemokine CXC Chemokine Ligand 13/B Lymphocyte Chemoattractant Is Expressed in the High Endothelial Venules of Lymph Nodes and Peyer's Patches and Affects B Cell Trafficking Across High Endothelial Venules. <i>Journal of Immunology</i> , 2003, 171, 1642-1646.	0.4	97
40	Gene Expression Profiling of Mucosal Addressin Cell Adhesion Molecule-1+ High Endothelial Venule Cells (HEV) and Identification of a Leucine-Rich HEV Glycoprotein as a HEV Marker. <i>Journal of Immunology</i> , 2002, 168, 1050-1059.	0.4	61
41	Characterization of mac25/angiomodulin expression by high endothelial venule cells in lymphoid tissues and its identification as an inducible marker for activated endothelial cells. <i>International Immunology</i> , 2002, 14, 1273-1282.	1.8	27
42	VLA-4-dependent and -independent pathways in cell contact-induced proinflammatory cytokine production by synovial nurse-like cells from rheumatoid arthritis patients. <i>Arthritis Research</i> , 2002, 4, R10.	2.0	12
43	Locally expressed CTLA4-Ig in a pancreatic beta-cell line suppresses accelerated graft rejection response induced by donor-specific transfusion. <i>Diabetologia</i> , 2002, 45, 831-840.	2.9	12
44	Mucosal Addressin Cell Adhesion Molecule 1 Plays an Unexpected Role in the Development of Mouse Guard Hair. <i>Journal of Investigative Dermatology</i> , 2002, 119, 632-638.	0.3	13
45	Lymphocyte binding to MAdCAM-1 via $\alpha 4 \beta 7$ integrin activates a signal transduction pathway involving tyrosine phosphorylation of paxillin and p105Cas-L. <i>Immunology Letters</i> , 2002, 81, 223-228.	1.1	6
46	CD44 binds a chondroitin sulfate proteoglycan, aggrecan. <i>International Immunology</i> , 2001, 13, 359-366.	1.8	82
47	Stage-Specific Expression of Mucosal Addressin Cell Adhesion Molecule-1 During Embryogenesis in Rats. <i>Journal of Immunology</i> , 2000, 164, 2463-2471.	0.4	50
48	ANERGIC T CELLS GENERATED IN VITRO SUPPRESS REJECTION RESPONSE TO ISLET ALLOGRAFTS. <i>Transplantation</i> , 2000, 69, 2144-2148.	0.5	19
49	Expression profile of active genes in mouse lymph node high endothelial cells. <i>International Immunology</i> , 1999, 11, 1989-1998.	1.8	50
50	Constitutive expression of glyCAM-1 core protein in the rat cochlea. <i>Cell Adhesion and Communication</i> , 1999, 7, 259-266.	1.7	10
51	Analysis of the mode of action of a novel immunosuppressant FTY720 in mice. <i>Immunopharmacology</i> , 1999, 41, 199-207.	2.0	64
52	Characterization of an apparently conserved epitope in E- and P-selectin identified by dual-specific monoclonal antibodies. <i>European Journal of Immunology</i> , 1999, 29, 1551-1560.	1.6	20
53	Clonal dissemination of T-lymphocytes in mice from familial hemophagocytic lymphohistiocytosis. <i>Immunology</i> , 1999, 32, 201-208.		6
54	A Novel, High Endothelial Venule-Specific Sulfotransferase Expresses 6-Sulfo Sialyl Lewisx, an L-Selectin Ligand Displayed by CD34. <i>Immunity</i> , 1999, 11, 79-89.	6.6	226

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55	Anergic cells generated in vitro suppress rejection response to islet allografts. Transplantation Proceedings, 1999, 31, 623.	0.3	0
56	DIRECT ANTIGEN PRESENTATION THROUGH BINDING OF DONOR INTERCELLULAR ADHESION MOLECULE-1 TO RECIPIENT LYMPHOCYTE FUNCTION-ASSOCIATED ANTIGEN-1 MOLECULES IN XENOGRAFT REJECTION1. Transplantation, 1998, 65, 1094-1100.	0.5	10
57	Mouse Homolog of Poliovirus Receptor-Related Gene 2 Product, mPRR2, Mediates Homophilic Cell Aggregation. Experimental Cell Research, 1997, 235, 374-384.	1.2	122
58	Treatment of murine cardiac allograft by monoclonal antibodies to IL-2 receptor $\hat{1}\pm$ chain and $\hat{1}^2$ chain. Transplantation Proceedings, 1997, 29, 2301-2302.	0.3	5
59	Primary human immunodeficiency virus type 1 viremia and central nervous system invasion in a novel hu-PBL-immunodeficient mouse strain. Journal of Virology, 1997, 71, 2417-2424.	1.5	84
60	Lack of intermediate-affinity interleukin-2 receptor in mice leads to dependence on interleukin-2 receptor $\hat{1}\pm$, $\hat{1}^2$ and $\hat{1}^3$ chain expression for T cell growth. European Journal of Immunology, 1996, 26, 201-206.	1.6	33
61	Novel metastasis model of human lung cancer in SCID mice depleted of NK cells. , 1996, 67, 211-217.		64
62	Establishment of human granulocyte-macrophage colony stimulating factor producing transgenic SCID mice. British Journal of Haematology, 1996, 95, 437-442.	1.2	13
63	IL-2 inhibits IL-4-dependent IgE and IgG1 production in vitro and in vivo. International Immunology, 1995, 7, 259-268.	1.8	16
64	Dysregulated expression of the IL-2 receptor $\hat{1}^2$ -chain abrogates development of NK cells and Thy-1+ dendritic epidermal cells in transgenic mice. International Immunology, 1995, 7, 1441-1449.	1.8	23
65	Intercellular adhesion molecule-1 and leukocyte function-associated antigen-1 are involved in protection mediated by CD3+TCR $\hat{1}\pm$ $\hat{1}^2$ $\hat{1}^3$ T cells at the early stage after infection with Listeria monocytogenes in rats. International Immunology, 1994, 6, 955-961.	1.8	7
66	Similarities and Differences between Extrathymic T Cells Residing in Mouse Liver and Intestine. Cellular Immunology, 1994, 153, 52-66.	1.4	70
67	The role of the interleukin-2 (IL-2)/IL-2 receptor pathway in MRL/lpr lymphadenopathy: The expanded CD4 $\hat{1}^8$ T cell subset completely lacks functional IL-2 receptors. European Journal of Immunology, 1993, 23, 1378-1380.	1.6	11
68	Characterization of Intermediate TCR Cells in the Liver of Mice with Respect to Their Unique IL-2R Expression. Cellular Immunology, 1993, 149, 331-342.	1.4	39
69	Selective long-term elimination of natural killer cells in vivo by an anti-interleukin 2 receptor beta chain monoclonal antibody in mice.. Journal of Experimental Medicine, 1993, 178, 1103-1107.	4.2	165
70	ACTIVATION OF EXTRATHYMIC T CELLS IN THE LIVER OF MICE BEARING SYNGENEIC TUMORS . Biomedical Research, 1993, 14, 65-79.	0.3	13
71	Structural Analysis of Proteins by Multi-Dimensional NMR.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1993, 51, 491-501.	0.0	1
72	The appearance and role of $\hat{1}^3$ T cells in the peritoneal cavity and liver during primary infection with Listeria monocytogenes in rats. International Immunology, 1992, 4, 1129-1136.	1.8	19

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73	In utero treatment with monoclonal antibody to IL-2 receptor β -chain completely abrogates development of Thy-1+ dendritic epidermal cells. <i>International Immunology</i> , 1992, 4, 487-491.	1.8	35
74	Identification of an equivalent to murine Thy-1+ dendritic epidermal cells in the rat epidermis. <i>Journal of Dermatological Science</i> , 1992, 3, 68-71.	1.0	10
75	Age-associated increase in number of CD4+CD8+ intestinal intraepithelial lymphocytes in rats. <i>European Journal of Immunology</i> , 1992, 22, 159-164.	1.6	76
76	Expression and role of interleukin-2 receptor β chain on CD4 ⁺ CD8+ T cell receptor $\alpha\beta$ cells. <i>European Journal of Immunology</i> , 1992, 22, 2929-2935.	1.6	16
77	CLINICAL EXPERIENCE OF ENTERO-MESETERIC BRIDGE OPERATION (KINMONTH'S OPERATION) IN THE TREATMENT OF SECONDARY LYMPHOEDEMA OF THE LOWER EXTREMITES. <i>The Journal of the Japanese Practical Surgeon Society</i> , 1992, 53, 1231-1234.	0.0	0
78	Molecular mechanisms underlying lymphocyte recirculation II. Differential regulation of LFA-1 in the interaction between lymphocytes and high endothelial cells. <i>European Journal of Immunology</i> , 1991, 21, 855-858.	1.6	57
79	Signal transduction through the human IL-2 receptor β -chain expressed in IL-6- dependent mouse B cell hybridoma. <i>International Immunology</i> , 1991, 3, 105-108.	1.8	11
80	RENAL ALLOGRAFT REJECTION IN CD4+ T CELL-RECONSTITUTED ATHYMIC NUDE RATS. <i>Transplantation</i> , 1990, 50, 996-1000.	0.5	10
81	In vitro Targeting and Cytotoxicity of Adriamycin in Liposomes Bearing Monoclonal Antibody against Rat or Human gp125 Cell Proliferation-associated Antigen. <i>Japanese Journal of Cancer Research</i> , 1989, 80, 380-386.	1.7	14
82	Appearance of a Proliferation-Associated Antigen, gp125, on Rat and Human Lymphocytes by Co-Stimulation with Phorbol Ester and Calcium Ionophore 1. <i>Journal of Biochemistry</i> , 1988, 103, 644-649.	0.9	10
83	Increased weight and protein contents of the aorta and left ventricle in acute Goldblatt hypertension. <i>Tohoku Journal of Experimental Medicine</i> , 1978, 126, 71-76.	0.5	1
84	Effect of Amyl Nitrite Inhalation on the Abnormal T Loop of Vectorcardiogram. <i>International Heart Journal</i> , 1978, 19, 712-718.	0.6	0
85	Peri-Ureteric Collateral Vessels in Rabbits with Experimental Renal Hypertension. <i>International Heart Journal</i> , 1977, 18, 722-728.	0.6	1
86	Responses of Plasma Renin to Sodium Load in Two Types of Experimental Renal Hypertension. <i>International Heart Journal</i> , 1977, 18, 112-119.	0.6	2
87	Difference in Changes of Plasma Volume in Two Types of Goldblatt Hypertension in Rabbits. <i>Tohoku Journal of Experimental Medicine</i> , 1976, 118, 113-125.	0.5	9
88	Application of a Radioimmunoassay for Angiotensin I to the Measurement of Plasma Renin in Rabbits, and Comparison with a Biological Assay of Plasma Renin Activity. <i>Tohoku Journal of Experimental Medicine</i> , 1975, 116, 219-227.	0.5	6
89	Pheochromocytoma with Renal Artery Stenosis and High Plasma Renin Activity. <i>International Heart Journal</i> , 1975, 16, 741-748.	0.6	6