

Yoshimasa Tanaka

List of Publications by Year in descending order

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108
papers

13,342
citations

57758

44
h-index

30922

102
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110
all docs

110
docs citations

110
times ranked

16744
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular Vesicles Derived from SIPA1 ^{high} Breast Cancer Cells Enhance Macrophage Infiltration and Cancer Metastasis through Myosin-9. <i>Biology</i> , 2022, 11, 543.	2.8	7
2	Lead Optimization of Influenza Virus RNA Polymerase Inhibitors Targeting PA [∩] PB1 Interaction. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 369-385.	6.4	4
3	Design, synthesis and biological evaluation of 2-pyrrolone derivatives as radioprotectors. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 67, 116764.	3.0	1
4	Current advances in the development of SARS-CoV-2 vaccines. <i>International Journal of Biological Sciences</i> , 2021, 17, 8-19.	6.4	114
5	SARS-CoV-2 variants evolved during the early stage of the pandemic and effects of mutations on adaptation in Wuhan populations. <i>International Journal of Biological Sciences</i> , 2021, 17, 97-106.	6.4	45
6	Effect of 4,5-diazafluorene derivative on $\hat{I}^{\hat{I}}$ T cell-mediated cytotoxicity against renal cell carcinoma. <i>Life Sciences</i> , 2021, 269, 119066.	4.3	3
7	Screening of Inhibitors Targeting Heat Shock Protein 47 Involved in the Development of Idiopathic Pulmonary Fibrosis. <i>ChemMedChem</i> , 2021, 16, 2515-2523.	3.2	3
8	Discovery of Pyrrole-imidazole Polyamides as PD-L1 Expression Inhibitors and Their Anticancer Activity via Immune and Nonimmune Pathways. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6021-6036.	6.4	9
9	Effective drugs used to combat SARS-CoV-2 infection and the current status of vaccines. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111330.	5.6	33
10	Human $\hat{I}^{\hat{I}}$ cells exert anti-tumor activity independently of PD-L1 expression in tumor cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 573, 132-139.	2.1	16
11	PD-1 checkpoint blockade enhances adoptive immunotherapy by human $\hat{I}^{\hat{I}}$ T cells against human prostate cancer. <i>Oncolmmunology</i> , 2021, 10, 1989789.	4.6	15
12	A Novel RNA Synthesis Inhibitor, STK160830, Has Negligible DNA-Intercalating Activity for Triggering A p53 Response, and Can Inhibit p53-Dependent Apoptosis. <i>Life</i> , 2021, 11, 1087.	2.4	1
13	SIPA1 Enhances Aerobic Glycolysis Through HIF-2 [∩] Pathway to Promote Breast Cancer Metastasis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 779169.	3.7	9
14	Comparison of a Novel Bisphosphonate Prodrug and Zoledronic Acid in the Induction of Cytotoxicity in Human $\hat{I}^{\hat{I}}$ T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1405.	4.8	16
15	Small molecule inhibitor of HSP47 prevents pro-fibrotic mechanisms of fibroblasts in $\hat{I}^{\hat{I}}$. <i>Biochemical and Biophysical Research Communications</i> , 2020, 530, 561-565.	2.1	17
16	Anti-cancer activity of benzoxazinone derivatives via targeting c-Myc G-quadruplex structure. <i>Life Sciences</i> , 2020, 258, 118252.	4.3	15
17	Cancer immunotherapy harnessing $\hat{I}^{\hat{I}}$ T cells and programmed death [∩] . <i>Immunological Reviews</i> , 2020, 298, 237-253.	6.0	16
18	<p></p>New Advances in Canonical Wnt/ $\hat{I}^{\hat{I}}$ -Catenin Signaling in Cancer<p></p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 6987-6998.	1.9	34

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19	Initial success in the identification and management of the coronavirus disease 2019 (COVID-19) indicates human-to-human transmission in Wuhan, China. <i>International Journal of Biological Sciences</i> , 2020, 16, 1846-1860.	6.4	56
20	Design and Synthesis of a Class of Compounds That Inhibit the Growth of Fungi Which Cause Invasive Infections. <i>ChemistrySelect</i> , 2020, 5, 1140-1145.	1.5	4
21	IL-12 regulates the expansion, phenotype, and function of murine NK cells activated by IL-15 and IL-18. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1699-1712.	4.2	39
22	5-Aza-2â€²-deoxycytidine advances EMT of breast cancer cells by demethylating <i>Sipa1</i> promoter-proximal elements. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	7
23	Analytical performance of a new automated chemiluminescent magnetic immunoassays for soluble PD-1, PD-L1, and CTLA-4 in human plasma. <i>Scientific Reports</i> , 2019, 9, 10144.	3.3	29
24	Critical Roles for Coiled-Coil Dimers of Butyrophilin 3A1 in the Sensing of Prenyl Pyrophosphates by Human VÎ²2VÎ²2 T Cells. <i>Journal of Immunology</i> , 2019, 203, 607-626.	0.8	16
25	Identification and Structure of an MHC Class Iâ€œEncoded Protein with the Potential to Present <i>N</i> -Myristoylated 4-mer Peptides to T Cells. <i>Journal of Immunology</i> , 2019, 202, 3349-3358.	0.8	9
26	Methylcelluloses end-functionalized with peptides as thermoresponsive supramolecular hydrogelators. <i>Cellulose</i> , 2019, 26, 355-382.	4.9	3
27	Determination of human Î³Î³ T cellâ€œmediated cytotoxicity using a non-radioactive assay system. <i>Journal of Immunological Methods</i> , 2019, 466, 32-40.	1.4	4
28	Synthesis and Immunomodulatory Activity of Fluorineâ€œContaining Bisphosphonates. <i>ChemMedChem</i> , 2019, 14, 462-468.	3.2	7
29	Frontline Science: IL-18 primes murine NK cells for proliferation by promoting protein synthesis, survival, and autophagy. <i>Journal of Leukocyte Biology</i> , 2018, 104, 253-264.	3.3	31
30	Expansion of human Î³Î³ T cells for adoptive immunotherapy using a bisphosphonate prodrug. <i>Cancer Science</i> , 2018, 109, 587-599.	3.9	40
31	Combined effects of neoadjuvant letrozole and zoledronic acid on Î³Î³ T cells in postmenopausal women with early-stage breast cancer. <i>Breast</i> , 2018, 38, 114-119.	2.2	5
32	Effect of IL-18 on the Expansion and Phenotype of Human Natural Killer Cells: Application to Cancer Immunotherapy. <i>International Journal of Biological Sciences</i> , 2018, 14, 331-340.	6.4	57
33	Establishment of Novel Reporter Cells Stably Maintaining Transcription Factor-driven Human Secreted Alkaline Phosphatase Expression. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 224-231.	1.6	5
34	Enhancing adoptive cancer immunotherapy with VÎ²2VÎ²2 T cells through pulse zoledronate stimulation. , 2017, 5, 9.		49
35	Structure-based drug discovery for combating influenza virus by targeting the PAâ€œPB1 interaction. <i>Scientific Reports</i> , 2017, 7, 9500.	3.3	27
36	TMPRSS2: A potential target for treatment of influenza virus and coronavirus infections. <i>Biochimie</i> , 2017, 142, 1-10.	2.6	231

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37	Anti-Tumor Activity and Immunotherapeutic Potential of a Bisphosphonate Prodrug. <i>Scientific Reports</i> , 2017, 7, 5987.	3.3	49
38	Live Cell Labeling with Terpyridine Derivative Proligands to Measure Cytotoxicity Mediated by Immune Cells. <i>ChemMedChem</i> , 2017, 12, 2006-2013.	3.2	9
39	Crystal structure of the N-myristoylated lipopeptide-bound MHC class I complex. <i>Nature Communications</i> , 2016, 7, 10356.	12.8	16
40	Targeting Cancer Cells with a Bisphosphonate Prodrug. <i>ChemMedChem</i> , 2016, 11, 2656-2663.	3.2	35
41	Subcellular dissemination of prothymosin alpha at normal physiology: immunohistochemical vis-a-vis western blotting perspective. <i>BMC Physiology</i> , 2016, 16, 2.	3.6	12
42	Augmentation of Immune Checkpoint Cancer Immunotherapy with IL18. <i>Clinical Cancer Research</i> , 2016, 22, 2969-2980.	7.0	78
43	Anti-PD-1 and Anti-PD-L1 mAbs. , 2016, , 283-294.		1
44	Formation and stabilization of the telomeric antiparallel G-quadruplex and inhibition of telomerase by novel benzothioxanthene derivatives with anti-tumor activity. <i>Scientific Reports</i> , 2015, 5, 13693.	3.3	26
45	Î³Î³ T Cell Immunotherapyâ€™A Review. <i>Pharmaceuticals</i> , 2015, 8, 40-61.	3.8	50
46	Risk Factors Contributing to Type 2 Diabetes and Recent Advances in the Treatment and Prevention. <i>International Journal of Medical Sciences</i> , 2014, 11, 1185-1200.	2.5	717
47	Preliminary Success in the Characterization and Management of a Sudden Breakout of a Novel H7N9 Influenza A Virus. <i>International Journal of Biological Sciences</i> , 2014, 10, 109-118.	6.4	5
48	Effects of zoledronic acid and the association between its efficacy and Î³Î³ T cells in postmenopausal women with breast cancer treated with preoperative hormonal therapy: a study protocol. <i>Journal of Translational Medicine</i> , 2014, 12, 310.	4.4	5
49	Î³Î³ T Cells and Their Potential for Immunotherapy. <i>International Journal of Biological Sciences</i> , 2014, 10, 119-135.	6.4	122
50	Inhibition of Tumor Cell Proliferation <i>In Vitro</i> by Benzamide Derivatives. <i>Advanced Materials Research</i> , 2014, 997, 225-228.	0.3	2
51	Small Molecules Targeting c-Myc Oncogene: Promising Anti-Cancer Therapeutics. <i>International Journal of Biological Sciences</i> , 2014, 10, 1084-1096.	6.4	199
52	Zoledronic acid-induced expansion of Î³Î³ T cells from early-stage breast cancer patients: effect of IL-18 on helper NK cells. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 677-687.	4.2	55
53	Clinical Grade iPS Cells: Need for Versatile Small Molecules and Optimal Cell Sources. <i>Chemistry and Biology</i> , 2013, 20, 1311-1322.	6.0	27
54	Butyrophilin 3A1 Plays an Essential Role in Prenyl Pyrophosphate Stimulation of Human VÎ³2VÎ³2 T Cells. <i>Journal of Immunology</i> , 2013, 191, 1029-1042.	0.8	142

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55	Comparison of $\gamma\delta$ T cell responses and farnesyl diphosphate synthase inhibition in tumor cells pretreated with zoledronic acid. <i>Cancer Science</i> , 2013, 104, 536-542.	3.9	50
56	Regulation of Development of CD56 ^{bright} CD11c ⁺ NK-like Cells with Helper Function by IL-18. <i>PLoS ONE</i> , 2013, 8, e82586.	2.5	7
57	Risk Factors and Primary Prevention Trials for Type 1 Diabetes. <i>International Journal of Biological Sciences</i> , 2013, 9, 666-679.	6.4	31
58	The C-Kit Receptor-Mediated Signal Transduction and Tumor-Related Diseases. <i>International Journal of Biological Sciences</i> , 2013, 9, 435-443.	6.4	186
59	Immunotherapies: The Blockade of Inhibitory Signals. <i>International Journal of Biological Sciences</i> , 2012, 8, 1420-1430.	6.4	24
60	Zoledronate Sensitizes Neuroblastoma-derived Tumor-initiating Cells to Cytolysis Mediated by Human $\gamma\delta$ T Cells. <i>Journal of Immunotherapy</i> , 2012, 35, 598-606.	2.4	50
61	Synthesis of blockwise alkylated tetrasaccharide-organic quantum dot complexes and their utilization for live cell labeling with low cytotoxicity. <i>Cellulose</i> , 2012, 19, 171-187.	4.9	7
62	Dysregulated Generation of Follicular Helper T Cells in the Spleen Triggers Fatal Autoimmune Hepatitis in Mice. <i>Gastroenterology</i> , 2011, 140, 1322-1333.e5.	1.3	61
63	Phase I/II study of adoptive transfer of $\gamma\delta$ T cells in combination with zoledronic acid and IL-2 to patients with advanced renal cell carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 1075-1084.	4.2	167
64	Expression and function of PD-1 in human $\gamma\delta$ T cells that recognize phosphoantigens. <i>European Journal of Immunology</i> , 2011, 41, 345-355.	2.9	138
65	Involvement of CD56 ^{bright} CD11c ⁺ Cells in IL-18-Mediated Expansion of Human $\gamma\delta$ T Cells. <i>Journal of Immunology</i> , 2011, 186, 2003-2012.	0.8	34
66	Indirect Stimulation of Human $\gamma\delta$ T Cells through Alterations in Isoprenoid Metabolism. <i>Journal of Immunology</i> , 2011, 187, 5099-5113.	0.8	79
67	Quantitative Transcriptomic Profiling of Branching in a Glycosphingolipid Biosynthetic Pathway. <i>Journal of Biological Chemistry</i> , 2011, 286, 27214-27224.	3.4	13
68	A new indicator of favorable prognosis in locally advanced renal cell carcinomas: gamma delta T-cells in peripheral blood. <i>Anticancer Research</i> , 2011, 31, 1027-31.	1.1	9
69	A schizont-derived protein, TpSCOP, is involved in the activation of NF- κ B in <i>Theileria parva</i> -infected lymphocytes. <i>Molecular and Biochemical Parasitology</i> , 2010, 174, 8-17.	1.1	14
70	Anti-Programmed Cell Death 1 Antibody Reduces CD4 ⁺ PD-1 ⁺ T Cells and Relieves the Lupus-Like Nephritis of NZB/W F1 Mice. <i>Journal of Immunology</i> , 2010, 184, 2337-2347.	0.8	73
71	Complete remission of lung metastasis following adoptive immunotherapy using activated autologous gammadelta T-cells in a patient with renal cell carcinoma. <i>Anticancer Research</i> , 2010, 30, 575-9.	1.1	63
72	The PD-1/PD-L1 complex resembles the antigen-binding Fv domains of antibodies and T cell receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3011-3016.	7.1	357

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73	Programmed cell death 1 ligand 1 and tumor-infiltrating CD8+ T lymphocytes are prognostic factors of human ovarian cancer. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3360-3365.	7.1	1,308
74	Specific and high-affinity binding of tetramerized PD-L1 extracellular domain to PD-1-expressing cells: possible application to enhance T cell function. International Immunology, 2007, 19, 881-890.	4.0	11
75	Safety profile and anti-tumor effects of adoptive immunotherapy using gamma-delta T cells against advanced renal cell carcinoma: a pilot study. Cancer Immunology, Immunotherapy, 2007, 56, 469-476.	4.2	205
76	Crystal structure and some properties of a major house dust mite allergen, Derf 2. Biochemical and Biophysical Research Communications, 2006, 339, 679-686.	2.1	13
77	Human .GAMMA..DELTA. T Cells and Tumor Immunotherapy. Journal of Clinical and Experimental Hematopathology: JCEH, 2006, 46, 11-23.	0.8	26
78	Structural Studies of $\sqrt{3}2\sqrt{2}$ T Cell Phosphoantigens. Chemistry and Biology, 2006, 13, 985-992.	6.0	23
79	Negative regulation of activation-induced cytidine deaminase in B cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2752-2757.	7.1	93
80	Involvement of CD166 in the Activation of Human $\sqrt{3}$ T Cells by Tumor Cells Sensitized with Nonpeptide Antigen. Journal of Immunology, 2006, 177, 877-884.	0.8	60
81	Recognition and Function of Human $\sqrt{3}$ T Cells: Application for Tumor Immunotherapy. Current Immunology Reviews, 2005, 1, 275-285.	1.2	2
82	Analysis of mechanism for human $\sqrt{3}$ T cell recognition of nonpeptide antigens. Biochemical and Biophysical Research Communications, 2005, 334, 349-360.	2.1	13
83	Enhanced expression of programmed death-1 (PD-1)/PD-L1 in salivary glands of patients with Sjögren's syndrome. Journal of Rheumatology, 2005, 32, 2156-63.	2.0	53
84	Analyses of Peripheral Blood Mononuclear Cells in Operational Tolerance After Pediatric Living Donor Liver Transplantation. American Journal of Transplantation, 2004, 4, 2118-2125.	4.7	244
85	Autoantibodies against cardiac troponin I are responsible for dilated cardiomyopathy in PD-1-deficient mice. Nature Medicine, 2003, 9, 1477-1483.	30.7	606
86	Requirement of Species-Specific Interactions for the Activation of Human $\sqrt{3}$ T Cells by Pamidronate. Journal of Immunology, 2003, 170, 3608-3613.	0.8	86
87	Recognition mechanism of non-peptide antigens by human $\sqrt{3}$ T cells. International Immunology, 2003, 15, 1301-1307.	4.0	50
88	Involvement of PD-L1 on tumor cells in the escape from host immune system and tumor immunotherapy by PD-L1 blockade. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12293-12297.	7.1	2,563
89	Differential expression of PD-L1 and PD-L2, ligands for an inhibitory receptor PD-1, in the cells of lymphohematopoietic tissues. Immunology Letters, 2002, 84, 57-62.	2.5	249
90	Autoimmune Dilated Cardiomyopathy in PD-1 Receptor-Deficient Mice. Science, 2001, 291, 319-322.	12.6	1,613

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91	Gamma α /delta T cells provide innate immunity against renal cell carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2001, 50, 115-124.	4.2	76
92	Targeting of Tumor Cells for Human γ T Cells by Nonpeptide Antigens. <i>Journal of Immunology</i> , 2001, 167, 5092-5098.	0.8	147
93	Structural Features of Nonpeptide Prenyl Pyrophosphates That Determine Their Antigenicity for Human γ T Cells. <i>Journal of Immunology</i> , 2001, 167, 36-41.	0.8	74
94	Essential Contribution of Germline-Encoded Lysine Residues in J β 1.2 Segment to the Recognition of Nonpeptide Antigens by Human γ T Cells. <i>Journal of Immunology</i> , 2001, 167, 6773-6779.	0.8	83
95	Essential Requirement of Antigen Presentation by Monocyte Lineage Cells for the Activation of Primary Human γ T Cells by Aminobisphosphonate Antigen. <i>Journal of Immunology</i> , 2001, 166, 5508-5514.	0.8	170
96	C8/119S Mutation of Major Mite Allergen Derf-2 Leads to Degenerate Secondary Structure and Molecular Polymerization and Induces Potent and Exclusive Th1 Cell Differentiation. <i>Journal of Immunology</i> , 2000, 165, 2895-2902.	0.8	47
97	Recognition of nonpeptide prenyl pyrophosphate antigens by human γ T cells. <i>Microbes and Infection</i> , 1999, 1, 175-186.	1.9	62
98	Functional γ T-lymphocyte Defect Associated with Human Immunodeficiency Virus Infections. <i>Molecular Medicine</i> , 1997, 3, 60-71.	4.4	74
99	Interferon- γ -Dependent Expression of Inducible Nitric Oxide Synthase, Interleukin-12, and Interferon- γ -Inducing Factor in Macrophages Elicited by Allografted Tumor Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 224, 555-563.	2.1	25
100	Natural and synthetic non-peptide antigens recognized by human γ T cells. <i>Nature</i> , 1995, 375, 155-158.	27.8	959
101	Direct presentation of nonpeptide prenyl pyrophosphate antigens to human γ T cells. <i>Immunity</i> , 1995, 3, 495-507.	14.3	453
102	Hydrolysis of α - and β -D-glucosyl fluoride by individual glucosidases: new evidence for separately controlled α - and β -phases in glycosylase catalysis. <i>Carbohydrate Research</i> , 1993, 250, 45-56.	2.3	11
103	High Recovery Purification and Some Properties of α -Glucosidase from <i>Aspergillus niger</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1993, 57, 2172-2173.	1.3	31
104	Nonexistence of exo-cellobiohydrolase (CBH) in the cellulase system of <i>Trichoderma viride</i> . <i>Agricultural and Biological Chemistry</i> , 1988, 52, 2981-2984.	0.3	18
105	Effect of Three Major Polyphenols in Red Wine on Sodium Channel Current in Mouse Dorsal Root Ganglia Cells. <i>Advanced Materials Research</i> , 0, 790, 525-529.	0.3	1
106	The Establishment and Application of Three Kinds of the SCID Mouse-Based Improved Animal Models in the Research of AIDS, Chronic Hepatitis B and C. <i>Advanced Materials Research</i> , 0, 749, 433-438.	0.3	0
107	Correlation among CD4 ⁺ CD25 ⁺ T Cell Frequency, CTLA-4 Expression Level, and Disease Progression in Patients with HIV/AIDS. <i>Advanced Materials Research</i> , 0, 749, 444-448.	0.3	0
108	Research on Biological Materials with Oxazinone Derivatives Induce Apoptosis in HT-29 Cells. <i>Advanced Materials Research</i> , 0, 908, 220-223.	0.3	0