

Masato Tanaka

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

8,064
citations

218677

26
h-index

168389

53
g-index

58
all docs

58
docs citations

58
times ranked

12354
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrin $\alpha 5$ mediates cancer cell-fibroblast adhesion and peritoneal dissemination of diffuse-type gastric carcinoma. <i>Cancer Letters</i> , 2022, 526, 335-345.	7.2	7
2	CD169-positive macrophages enhance abscopal effect of radiofrequency ablation therapy in liver cancer. <i>Translational Oncology</i> , 2022, 15, 101306.	3.7	8
3	CD169 ⁺ macrophages in lymph node and spleen critically depend on dual RANK and LTbetaR signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	11
4	Synaptic pruning of murine adult-born neurons by microglia depends on phosphatidylserine. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	25
5	Frontline Science: Conversion of neutrophils into atypical Ly6G ⁺ SiglecF ⁺ immune cells with neurosupportive potential in olfactory neuroepithelium. <i>Journal of Leukocyte Biology</i> , 2021, 109, 481-496.	3.3	10
6	Antibody Screening System Using a Herpes Simplex Virus (HSV)-Based Probe To Identify a Novel Target for Receptor-Retargeted Oncolytic HSVs. <i>Journal of Virology</i> , 2021, 95, .	3.4	3
7	Immunoregulatory Monocyte Subset Promotes Metastasis Associated With Therapeutic Intervention for Primary Tumor. <i>Frontiers in Immunology</i> , 2021, 12, 663115.	4.8	18
8	Tissue-resident macrophages promote early dissemination of multiple myeloma via IL-6 and TNF α . <i>Blood Advances</i> , 2021, 5, 3592-3608.	5.2	17
9	Oxidized Phospholipids and Neutrophil Elastase Coordinately Play Critical Roles in NET Formation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 718586.	3.7	18
10	Breast cancer cells promote CD169 ⁺ macrophage-associated immunosuppression through JAK2-mediated PD-L1 upregulation on macrophages. <i>International Immunopharmacology</i> , 2020, 78, 106012.	3.8	40
11	WNK1 \rightarrow TAK1 signaling suppresses lipopolysaccharide-induced cytokine production and classical activation in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 1290-1297.	2.1	5
12	CD204-positive monocytes and macrophages ameliorate septic shock by suppressing proinflammatory cytokine production in mice. <i>Biochemistry and Biophysics Reports</i> , 2020, 23, 100791.	1.3	6
13	Vitamin E Scaffolds of pH-Responsive Lipid Nanoparticles as DNA Vaccines in Cancer and Protozoan Infection. <i>Molecular Pharmaceutics</i> , 2020, 17, 1237-1247.	4.6	18
14	Development of a Water-Soluble Indolylmaleimide Derivative IM-93 Showing Dual Inhibition of Ferroptosis and NETosis. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1272-1278.	2.8	6
15	MT1-MMP recruits the ER-Golgi SNARE Bet1 for efficient MT1-MMP transport to the plasma membrane. <i>Journal of Cell Biology</i> , 2019, 218, 3355-3371.	5.2	20
16	Maea expressed by macrophages, but not erythroblasts, maintains postnatal murine bone marrow erythroblastic islands. <i>Blood</i> , 2019, 133, 1222-1232.	1.4	44
17	Lymph Node Mesenchymal and Endothelial Stromal Cells Cooperate via the RANK-RANKL Cytokine Axis to Shape the Sinusoidal Macrophage Niche. <i>Immunity</i> , 2019, 50, 1467-1481.e6.	14.3	78
18	Macrophage Transfer to HSCs Assigns Residence in Bone Marrow. <i>Blood</i> , 2019, 134, 276-276.	1.4	1

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19	Tumor Necrosis Factor-Mediated Survival of CD169 ⁺ Cells Promotes Immune Activation during Vesicular Stomatitis Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	16
20	Emergence of immunoregulatory Ym1 ⁺ Ly6C ^{hi} monocytes during recovery phase of tissue injury. <i>Science Immunology</i> , 2018, 3, .	11.9	69
21	Generation of and characterization of anti-IL-11 antibodies using newly established Il11-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 453-459.	2.1	11
22	G-CSF mediates lung injury in mice with adenine-induced acute kidney injury. <i>International Immunopharmacology</i> , 2018, 63, 1-8.	3.8	4
23	Macrophages Switch Their Phenotype by Regulating Maf Expression during Different Phases of Inflammation. <i>Journal of Immunology</i> , 2018, 201, 635-651.	0.8	33
24	CD169 macrophages regulate immune responses toward particulate materials in the circulating fluid. <i>Journal of Biochemistry</i> , 2018, 164, 77-85.	1.7	30
25	Programmed cell death and the immune system. <i>Nature Reviews Immunology</i> , 2017, 17, 333-340.	22.7	343
26	Macrophage Subset Expressing CD169 in Peritoneal Cavity-Regulated Mucosal Inflammation Together with Lower Levels of CCL22. <i>Inflammation</i> , 2017, 40, 1191-1203.	3.8	7
27	CD169 ⁺ macrophages orchestrate innate immune responses by regulating bacterial localization in the spleen. <i>Science Immunology</i> , 2017, 2, .	11.9	71
28	Salt suppresses IFN γ inducible chemokines through the IFN γ -JAK1-STAT1 signaling pathway in proximal tubular cells. <i>Scientific Reports</i> , 2017, 7, 46580.	3.3	2
29	Hyperoxidation of ether-linked phospholipids accelerates neutrophil extracellular trap formation. <i>Scientific Reports</i> , 2017, 7, 16026.	3.3	29
30	Depletion of myeloid cells exacerbates hepatitis and induces an aberrant increase in histone H3 in mouse serum. <i>Hepatology</i> , 2017, 65, 237-252.	7.3	12
31	CD169 Expressing Macrophage, a Key Subset in Mesenteric Lymph Nodes Promotes Mucosal Inflammation in Dextran Sulfate Sodium-Induced Colitis. <i>Frontiers in Immunology</i> , 2017, 8, 669.	4.8	21
32	CD11c ⁺ resident macrophages drive hepatocyte death-triggered liver fibrosis in a murine model of nonalcoholic steatohepatitis. <i>JCI Insight</i> , 2017, 2, .	5.0	64
33	Regulation of B cell differentiation by the ubiquitin-binding protein TAX1BP1. <i>Scientific Reports</i> , 2016, 6, 31266.	3.3	18
34	Autophagy suppresses cell migration by degrading GEF-H1, a RhoA GEF. <i>Oncotarget</i> , 2016, 7, 34420-34429.	1.8	20
35	Development of Sentinel-Cell Targeted Therapy for Inflammatory Bowel Diseases. , 2016, , 617-626.		0
36	F4/80 Identifies a Subset of Non-Mobilizable Bone Marrow HSCs Involved in Stress-Induced Hematopoiesis. <i>Blood</i> , 2016, 128, 569-569.	1.4	0

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37	DC-SIGN+ Macrophages Control the Induction of Transplantation Tolerance. <i>Immunity</i> , 2015, 42, 1143-1158.	14.3	144
38	β-SNAP stimulates disassembly of endosomal SNARE complexes and regulates endocytic trafficking pathways. <i>Journal of Cell Science</i> , 2015, 128, 2781-94.	2.0	16
39	Vascular-Resident CD169-Positive Monocytes and Macrophages Control Neutrophil Accumulation in the Kidney with Ischemia-Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 896-906.	6.1	83
40	Identification of Pathogenic Cardiac CD11c ⁺ Macrophages in Nod1-Mediated Acute Coronary Arteritis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1423-1433.	2.4	32
41	Immune Regulation by Dead Cell Clearance. <i>Current Topics in Microbiology and Immunology</i> , 2015, 403, 171-183.	1.1	1
42	Intestinal CD169+ macrophages initiate mucosal inflammation by secreting CCL8 that recruits inflammatory monocytes. <i>Nature Communications</i> , 2015, 6, 7802.	12.8	190
43	Marginal zone CD169 ⁺ macrophages coordinate apoptotic cell-driven cellular recruitment and tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4215-4220.	7.1	98
44	Colony-Stimulating Factor-1 Signaling Suppresses Renal Crystal Formation. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1680-1697.	6.1	60
45	Dectin-2 Is a Direct Receptor for Mannose-Capped Lipoarabinomannan of Mycobacteria. <i>Immunity</i> , 2014, 41, 402-413.	14.3	243
46	CD169+ macrophages provide a niche promoting erythropoiesis under homeostasis and stress. <i>Nature Medicine</i> , 2013, 19, 429-436.	30.7	370
47	Tissue-Resident Macrophages Self-Maintain Locally throughout Adult Life with Minimal Contribution from Circulating Monocytes. <i>Immunity</i> , 2013, 38, 792-804.	14.3	1,767
48	CD169+ Macrophages Regulate Erythropoiesis Under Homeostasis, Recovery From Erythron Injury and in JAK2V617F-Induced Polycythemia Vera. <i>Blood</i> , 2012, 120, 80-80.	1.4	0
49	CD169-Positive Macrophages Dominate Antitumor Immunity by Crosspresenting Dead Cell-Associated Antigens. <i>Immunity</i> , 2011, 34, 85-95.	14.3	385
50	Bone marrow CD169+ macrophages promote the retention of hematopoietic stem and progenitor cells in the mesenchymal stem cell niche. <i>Journal of Experimental Medicine</i> , 2011, 208, 261-271.	8.5	732
51	Inhibition of PTEN Tumor Suppressor Promotes the Generation of Induced Pluripotent Stem Cells. <i>Blood</i> , 2011, 118, 3122-3122.	1.4	0
52	xCT deficiency accelerates chemically induced tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6436-6441.	7.1	52
53	Novel Subset of CD81 ⁺ Dendritic Cells Localized in the Marginal Zone Is Responsible for Tolerance to Cell-Associated Antigens. <i>Journal of Immunology</i> , 2009, 182, 4127-4136.	0.8	176
54	Critical role of macrophages in the marginal zone in the suppression of immune responses to apoptotic cell-associated antigens. <i>Journal of Clinical Investigation</i> , 2007, 117, 2268-2278.	8.2	283

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55	Masking of Phosphatidylserine Inhibits Apoptotic Cell Engulfment and Induces Autoantibody Production in Mice. <i>Journal of Experimental Medicine</i> , 2004, 200, 459-467.	8.5	240
56	Autoimmune Disease and Impaired Uptake of Apoptotic Cells in MFG-E8-Deficient Mice. <i>Science</i> , 2004, 304, 1147-1150.	12.6	895
57	Identification of a factor that links apoptotic cells to phagocytes. <i>Nature</i> , 2002, 417, 182-187.	27.8	1,212