

# Masato Tanaka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2032857/publications.pdf>

Version: 2024-02-01

57  
papers

8,064  
citations

218381

26  
h-index

168136

53  
g-index

58  
all docs

58  
docs citations

58  
times ranked

12354  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-Resident Macrophages Self-Maintain Locally throughout Adult Life with Minimal Contribution from Circulating Monocytes. <i>Immunity</i> , 2013, 38, 792-804.	6.6	1,767
2	Identification of a factor that links apoptotic cells to phagocytes. <i>Nature</i> , 2002, 417, 182-187.	13.7	1,212
3	Autoimmune Disease and Impaired Uptake of Apoptotic Cells in MFG-E8-Deficient Mice. <i>Science</i> , 2004, 304, 1147-1150.	6.0	895
4	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.	4.2	732
5	CD169-Positive Macrophages Dominate Antitumor Immunity by Crosspresenting Dead Cell-Associated Antigens. <i>Immunity</i> , 2011, 34, 85-95.	6.6	385
6	CD169+ macrophages provide a niche promoting erythropoiesis under homeostasis and stress. <i>Nature Medicine</i> , 2013, 19, 429-436.	15.2	370
7	Programmed cell death and the immune system. <i>Nature Reviews Immunology</i> , 2017, 17, 333-340.	10.6	343
8	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.	3.9	283
9	Dectin-2 Is a Direct Receptor for Mannose-Capped Lipoarabinomannan of Mycobacteria. <i>Immunity</i> , 2014, 41, 402-413.	6.6	243
10	Masking of Phosphatidylserine Inhibits Apoptotic Cell Engulfment and Induces Autoantibody Production in Mice. <i>Journal of Experimental Medicine</i> , 2004, 200, 459-467.	4.2	240
11	Intestinal CD169+ macrophages initiate mucosal inflammation by secreting CCL8 that recruits inflammatory monocytes. <i>Nature Communications</i> , 2015, 6, 7802.	5.8	190
12	Novel Subset of CD8 <sup>+</sup> Dendritic Cells Localized in the Marginal Zone Is Responsible for Tolerance to Cell-Associated Antigens. <i>Journal of Immunology</i> , 2009, 182, 4127-4136.	0.4	176
13	DC-SIGN+ Macrophages Control the Induction of Transplantation Tolerance. <i>Immunity</i> , 2015, 42, 1143-1158.	6.6	144
14	Marginal zone CD169 <sup>+</sup> 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.	3.3	98
15	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.	3.0	83
16	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.	6.6	78
17	CD169 <sup>+</sup> macrophages orchestrate innate immune responses by regulating bacterial localization in the spleen. <i>Science Immunology</i> , 2017, 2, .	5.6	71
18	Emergence of immunoregulatory Ym1 <sup>+</sup> Ly6C <sup>hi</sup> monocytes during recovery phase of tissue injury. <i>Science Immunology</i> , 2018, 3, .	5.6	69

#	ARTICLE	IF	CITATIONS
19	CD11c+ resident macrophages drive hepatocyte death-triggered liver fibrosis in a murine model of nonalcoholic steatohepatitis. <i>JCI Insight</i> , 2017, 2, .	2.3	64
20	Colony-Stimulating Factor-1 Signaling Suppresses Renal Crystal Formation. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1680-1697.	3.0	60
21	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.	3.3	52
22	Maea expressed by macrophages, but not erythroblasts, maintains postnatal murine bone marrow erythroblastic islands. <i>Blood</i> , 2019, 133, 1222-1232.	0.6	44
23	Breast cancer cells promote CD169+ macrophage-associated immunosuppression through JAK2-mediated PD-L1 upregulation on macrophages. <i>International Immunopharmacology</i> , 2020, 78, 106012.	1.7	40
24	Macrophages Switch Their Phenotype by Regulating Maf Expression during Different Phases of Inflammation. <i>Journal of Immunology</i> , 2018, 201, 635-651.	0.4	33
25	Identification of Pathogenic Cardiac CD11c <sup>+</sup> Macrophages in Nod1-Mediated Acute Coronary Arteritis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1423-1433.	1.1	32
26	CD169 macrophages regulate immune responses toward particulate materials in the circulating fluid. <i>Journal of Biochemistry</i> , 2018, 164, 77-85.	0.9	30
27	Hyperoxidation of ether-linked phospholipids accelerates neutrophil extracellular trap formation. <i>Scientific Reports</i> , 2017, 7, 16026.	1.6	29
28	Synaptic pruning of murine adult-born neurons by microglia depends on phosphatidylserine. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	25
29	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.	2.2	21
30	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.	2.3	20
31	Autophagy suppresses cell migration by degrading GEF-H1, a RhoA GEF. <i>Oncotarget</i> , 2016, 7, 34420-34429.	0.8	20
32	Regulation of B cell differentiation by the ubiquitin-binding protein TAX1BP1. <i>Scientific Reports</i> , 2016, 6, 31266.	1.6	18
33	Vitamin E Scaffolds of pH-Responsive Lipid Nanoparticles as DNA Vaccines in Cancer and Protozoan Infection. <i>Molecular Pharmaceutics</i> , 2020, 17, 1237-1247.	2.3	18
34	Immunoregulatory Monocyte Subset Promotes Metastasis Associated With Therapeutic Intervention for Primary Tumor. <i>Frontiers in Immunology</i> , 2021, 12, 663115.	2.2	18
35	Oxidized Phospholipids and Neutrophil Elastase Coordinately Play Critical Roles in NET Formation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 718586.	1.8	18
36	Tissue-resident macrophages promote early dissemination of multiple myeloma via IL-6 and TNF $\alpha$ . <i>Blood Advances</i> , 2021, 5, 3592-3608.	2.5	17

#	ARTICLE	IF	CITATIONS
37	$\beta$ -SNAP stimulates disassembly of endosomal SNARE complexes and regulates endocytic trafficking pathways. <i>Journal of Cell Science</i> , 2015, 128, 2781-94.	1.2	16
38	Tumor Necrosis Factor-Mediated Survival of CD169 <sup>+</sup> Cells Promotes Immune Activation during Vesicular Stomatitis Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	1.5	16
39	Depletion of myeloid cells exacerbates hepatitis and induces an aberrant increase in histone H3 in mouse serum. <i>Hepatology</i> , 2017, 65, 237-252.	3.6	12
40	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.	1.0	11
41	CD169 <sup>+</sup> 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, .	3.3	11
42	Frontline Science: Conversion of neutrophils into atypical Ly6G <sup>+</sup> SiglecF <sup>+</sup> immune cells with neurosupportive potential in olfactory neuroepithelium. <i>Journal of Leukocyte Biology</i> , 2021, 109, 481-496.	1.5	10
43	CD169-positive macrophages enhance abscopal effect of radiofrequency ablation therapy in liver cancer. <i>Translational Oncology</i> , 2022, 15, 101306.	1.7	8
44	Macrophage Subset Expressing CD169 in Peritoneal Cavity-Regulated Mucosal Inflammation Together with Lower Levels of CCL22. <i>Inflammation</i> , 2017, 40, 1191-1203.	1.7	7
45	Integrin $\alpha$ 5 mediates cancer cell-fibroblast adhesion and peritoneal dissemination of diffuse-type gastric carcinoma. <i>Cancer Letters</i> , 2022, 526, 335-345.	3.2	7
46	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.	1.3	6
47	CD204-positive monocytes and macrophages ameliorate septic shock by suppressing proinflammatory cytokine production in mice. <i>Biochemistry and Biophysics Reports</i> , 2020, 23, 100791.	0.7	6
48	WNK1 <sup>−/−</sup> TAK1 signaling suppresses lipopolysaccharide-induced cytokine production and classical activation in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 1290-1297.	1.0	5
49	G-CSF mediates lung injury in mice with adenine-induced acute kidney injury. <i>International Immunopharmacology</i> , 2018, 63, 1-8.	1.7	4
50	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, .	1.5	3
51	Salt suppresses IFN $\gamma$ inducible chemokines through the IFN $\gamma$ -JAK1-STAT1 signaling pathway in proximal tubular cells. <i>Scientific Reports</i> , 2017, 7, 46580.	1.6	2
52	Immune Regulation by Dead Cell Clearance. <i>Current Topics in Microbiology and Immunology</i> , 2015, 403, 171-183.	0.7	1
53	Macrophage Transfer to HSCs Assigns Residence in Bone Marrow. <i>Blood</i> , 2019, 134, 276-276.	0.6	1
54	Inhibition of PTEN Tumor Suppressor Promotes the Generation of Induced Pluripotent Stem Cells. <i>Blood</i> , 2011, 118, 3122-3122.	0.6	0

#	ARTICLE	IF	CITATIONS
55	CD169+ Macrophages Regulate Erythropoiesis Under Homeostasis, Recovery From Erythron Injury and in JAK2V617F-Induced Polycythemia Vera. Blood, 2012, 120, 80-80.	0.6	0
56	Development of Sentinel-Cell Targeted Therapy for Inflammatory Bowel Diseases. , 2016, , 617-626.		0
57	F4/80 Identifies a Subset of Non-Mobilizable Bone Marrow HSCs Involved in Stress-Induced Hematopoiesis. Blood, 2016, 128, 569-569.	0.6	0