

Takashi Matozaki

List of Publications by Year in descending order

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7308
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticancer efficacy of monotherapy with antibodies to SIRP $\hat{\pm}$ /SIRP $\hat{\pm}$ 21 mediated by induction of antitumorigenic macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	9
2	Roles of Src family kinase, Ras, and mTOR signaling in intestinal epithelial homeostasis and tumorigenesis. Cancer Science, 2021, 112, 16-21.	3.9	17
3	Role of Ras in regulation of intestinal epithelial cell homeostasis and crosstalk with Wnt signaling. PLoS ONE, 2021, 16, e0256774.	2.5	2
4	Regulation of colonic epithelial cell homeostasis by mTORC1. Scientific Reports, 2020, 10, 13810.	3.3	8
5	Blockade of CD47 or SIRP $\hat{\pm}$: a new cancer immunotherapy. Expert Opinion on Therapeutic Targets, 2020, 24, 945-951.	3.4	6
6	SIRP $\hat{\pm}$ on Mouse B1 Cells Restricts Lymphoid Tissue Migration and Natural Antibody Production. Frontiers in Immunology, 2020, 11, 570963.	4.8	5
7	Macrocyclic Peptide-Mediated Blockade of the CD47-SIRP $\hat{\pm}$ Interaction as a Potential Cancer Immunotherapy. Cell Chemical Biology, 2020, 27, 1181-1191.e7.	5.2	32
8	SIRP $\hat{\pm}$ on CD11c ⁺ cells induces Th17 cell differentiation and subsequent inflammation in the CNS in experimental autoimmune encephalomyelitis. European Journal of Immunology, 2020, 50, 1560-1570.	2.9	8
9	SIRP $\hat{\pm}$ dendritic cells promote the development of fibroblastic reticular cells in murine peripheral lymph nodes. European Journal of Immunology, 2019, 49, 1364-1371.	2.9	6
10	Role of lysophosphatidic acid in proliferation and differentiation of intestinal epithelial cells. PLoS ONE, 2019, 14, e0215255.	2.5	16
11	Deletion of SIRP $\hat{\pm}$ (signal regulatory protein- $\hat{\pm}$) promotes phagocytic clearance of myelin debris in Wallerian degeneration, axon regeneration, and recovery from nerve injury. Journal of Neuroinflammation, 2019, 16, 277.	7.2	24
12	Microglial SIRP $\hat{\pm}$ regulates the emergence of CD11c ⁺ microglia and demyelination damage in white matter. ELife, 2019, 8, .	6.0	39
13	Regulation of Small Intestinal Epithelial Homeostasis by Tsc2-mTORC1 Signaling. Kobe Journal of Medical Sciences, 2019, 64, E200-E209.	0.2	9
14	Anti-human SIRP $\hat{\pm}$ antibody is a new tool for cancer immunotherapy. Cancer Science, 2018, 109, 1300-1308.	3.9	34
15	Regulation by commensal bacteria of neurogenesis in the subventricular zone of adult mouse brain. Biochemical and Biophysical Research Communications, 2018, 498, 824-829.	2.1	8
16	Role of Csk in intestinal epithelial barrier function and protection against colitis. Biochemical and Biophysical Research Communications, 2018, 504, 109-114.	2.1	6
17	CD47 signal regulatory protein $\hat{\pm}$ signaling system and its application to cancer immunotherapy. Cancer Science, 2018, 109, 2349-2357.	3.9	99
18	Neutrophils Kill Antibody-Opsonized Cancer Cells by Trogoptosis. Cell Reports, 2018, 23, 3946-3959.e6.	6.4	245

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19	SIRP α dendritic cells regulate homeostasis of fibroblastic reticular cells via TNF receptor ligands in the adult spleen. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10151-E10160.	7.1	27
20	Anti-SIRP α antibodies as a potential new tool for cancer immunotherapy. JCI Insight, 2017, 2, e89140.	5.0	120
21	Prion pathogenesis is unaltered in the absence of SIRP α -mediated "don't-eat-me" signaling. PLoS ONE, 2017, 12, e0177876.	2.5	7
22	Sirpa. , 2017, , 1-7.		0
23	Role of SIRP α in Homeostatic Regulation of T Cells and Fibroblastic Reticular Cells in the Spleen. Kobe Journal of Medical Sciences, 2017, 63, E22-E29.	0.2	0
24	Promotion of Intestinal Epithelial Cell Turnover by Commensal Bacteria: Role of Short-Chain Fatty Acids. PLoS ONE, 2016, 11, e0156334.	2.5	182
25	Future therapeutic potential of SAP-1 in inflammatory bowel diseases. Expert Review of Gastroenterology and Hepatology, 2016, 10, 1313-1315.	3.0	0
26	Role of Src Family Kinases in Regulation of Intestinal Epithelial Homeostasis. Molecular and Cellular Biology, 2016, 36, 2811-2823.	2.3	23
27	Lack of SIRP α phosphorylation and concomitantly reduced SHP-2/PI3K/Akt2 signaling decrease osteoblast differentiation. Biochemical and Biophysical Research Communications, 2016, 478, 268-273.	2.1	1
28	Dendritic cell SIRP α regulates homeostasis of dendritic cells in lymphoid organs. Genes To Cells, 2015, 20, 451-463.	1.2	26
29	Shp2 in Forebrain Neurons Regulates Synaptic Plasticity, Locomotion, and Memory Formation in Mice. Molecular and Cellular Biology, 2015, 35, 1557-1572.	2.3	32
30	Protein tyrosine phosphatase SAP-1 protects against colitis through regulation of CEACAM20 in the intestinal epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4264-E4271.	7.1	39
31	Comprehensive Behavioral Analysis of Cluster of Differentiation 47 Knockout Mice. PLoS ONE, 2014, 9, e89584.	2.5	22
32	Shear Stress-induced Redistribution of Vascular Endothelial-Protein-tyrosine Phosphatase (VE-PTP) in Endothelial Cells and Its Role in Cell Elongation. Journal of Biological Chemistry, 2014, 289, 6451-6461.	3.4	23
33	The CD47-SIRP α signalling system: its physiological roles and therapeutic application. Journal of Biochemistry, 2014, 155, 335-344.	1.7	132
34	Autoimmune animal models in the analysis of the CD47/SIRP α signaling pathway. Methods, 2014, 65, 254-259.	3.8	13
35	The BALB/c-specific polymorphic SIRPA enhances its affinity for human CD47, inhibiting phagocytosis against human cells to promote xenogeneic engraftment. Experimental Hematology, 2014, 42, 163-171.e1.	0.4	35
36	Role of the Protein Tyrosine Phosphatase Shp2 in Homeostasis of the Intestinal Epithelium. PLoS ONE, 2014, 9, e92904.	2.5	28

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37	Inflammation-induced proteolytic processing of the SIRP β cytoplasmic ITIM in neutrophils propagates a proinflammatory state. <i>Nature Communications</i> , 2013, 4, 2436.	12.8	38
38	Dendritic Cell-Specific Ablation of the Protein Tyrosine Phosphatase Shp1 Promotes Th1 Cell Differentiation and Induces Autoimmunity. <i>Journal of Immunology</i> , 2012, 188, 5397-5407.	0.8	49
39	CD47 β -signal regulatory protein β (SIRP β) interactions form a barrier for antibody-mediated tumor cell destruction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18342-18347.	7.1	256
40	SIRP β /CD172a Regulates Eosinophil Homeostasis. <i>Journal of Immunology</i> , 2011, 187, 2268-2277.	0.8	54
41	Essential roles of SIRP β in homeostatic regulation of skin dendritic cells. <i>Immunology Letters</i> , 2011, 135, 100-107.	2.5	15
42	Regulation by SIRP β of dendritic cell homeostasis in lymphoid tissues. <i>Blood</i> , 2010, 116, 3517-3525.	1.4	64
43	Expression, localization, and biological function of the R3 subtype of receptor-type protein tyrosine phosphatases in mammals. <i>Cellular Signalling</i> , 2010, 22, 1811-1817.	3.6	52
44	Expression of PTPRO in the interneurons of adult mouse olfactory bulb. <i>Journal of Comparative Neurology</i> , 2010, 518, 119-136.	1.6	16
45	Tyrosine phosphorylation of R3 subtype receptor β -type protein tyrosine phosphatases and their complex formations with Grb2 or Fyn. <i>Genes To Cells</i> , 2010, 15, 513-524.	1.2	25
46	Role of SIRP β in regulation of mucosal immunity in the intestine. <i>Genes To Cells</i> , 2010, 15, 1189-1200.	1.2	9
47	Stress-Evoked Tyrosine Phosphorylation of Signal Regulatory Protein β Regulates Behavioral Immobility in the Forced Swim Test. <i>Journal of Neuroscience</i> , 2010, 30, 10472-10483.	3.6	41
48	Functions and molecular mechanisms of the CD47 β -SIRP β signalling pathway. <i>Trends in Cell Biology</i> , 2009, 19, 72-80.	7.9	379
49	SAP β 1 is a microvillus β -specific protein tyrosine phosphatase that modulates intestinal tumorigenesis. <i>Genes To Cells</i> , 2009, 14, 295-308.	1.2	47
50	Protein tyrosine phosphatase SHP β 2: A proto β -oncogene product that promotes Ras activation. <i>Cancer Science</i> , 2009, 100, 1786-1793.	3.9	206
51	Essential roles of SHPS-1 in induction of contact hypersensitivity of skin. <i>Immunology Letters</i> , 2008, 121, 52-60.	2.5	18
52	Negative regulation by SHPS β 1 of Toll β -like receptor β -dependent proinflammatory cytokine production in macrophages. <i>Genes To Cells</i> , 2008, 13, 209-219.	1.2	21
53	Trans-endocytosis of CD47 and SHPS-1 and its role in regulation of the CD47 β -SHPS-1 system. <i>Journal of Cell Science</i> , 2008, 121, 1213-1223.	2.0	32
54	Regulation by Src Homology 2 Domain-Containing Protein Tyrosine Phosphatase Substrate-1 of β -Galactosylceramide-Induced Antimetastatic Activity and Th1 and Th2 Responses of NKT Cells. <i>Journal of Immunology</i> , 2007, 178, 6164-6172.	0.8	24

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55	Resistance to Experimental Autoimmune Encephalomyelitis and Impaired T Cell Priming by Dendritic Cells in Src Homology 2 Domain-Containing Protein Tyrosine Phosphatase Substrate-1 Mutant Mice. <i>Journal of Immunology</i> , 2007, 179, 869-877.	0.8	50
56	SHPS-1 promotes the survival of circulating erythrocytes through inhibition of phagocytosis by splenic macrophages. <i>Blood</i> , 2006, 107, 341-348.	1.4	114
57	Differential Localization of Src Homology 2 Domain-Containing Protein Tyrosine Phosphatase Substrate-1 and CD47 and Its Molecular Mechanisms in Cultured Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 2702-2711.	3.6	47
58	Negative Regulation of Phagocytosis in Macrophages by the CD47-SHPS-1 System. <i>Journal of Immunology</i> , 2005, 174, 2004-2011.	0.8	249
59	Positive Regulation of Phagocytosis by SIRP β 2 and Its Signaling Mechanism in Macrophages. <i>Journal of Biological Chemistry</i> , 2004, 279, 29450-29460.	3.4	61
60	Role of the CD47-SHPS-1 system in regulation of cell migration. <i>EMBO Journal</i> , 2003, 22, 2634-2644.	7.8	84
61	Small GTP-Binding Proteins. <i>Physiological Reviews</i> , 2001, 81, 153-208.	28.8	2,235
62	Regulation of Ras and Rho small G proteins by SHP-2. <i>Genes To Cells</i> , 2001, 6, 869-876.	1.2	15
63	Integrin-mediated Tyrosine Phosphorylation of SHPS-1 and Its Association with SHP-2. <i>Journal of Biological Chemistry</i> , 1998, 273, 13223-13229.	3.4	131
64	Characterization of a 115-kDa Protein That Binds to SH-PTP2, a Protein-tyrosine Phosphatase with Src Homology 2 Domains, in Chinese Hamster Ovary Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 27652-27658.	3.4	60