

Takashi Matozaki

List of Publications by Year in descending order

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64
papers

5,675
citations

172207

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123241

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docs citations

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times ranked

7308
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticancer efficacy of monotherapy with antibodies to SIRP $\hat{\pm}$ /SIRP $\hat{2}$ 1 mediated by induction of antitumorigenic macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	9
2	Roles of Src family kinase, Ras, and mTOR signaling in intestinal epithelial homeostasis and tumorigenesis. Cancer Science, 2021, 112, 16-21.	1.7	17
3	Role of Ras in regulation of intestinal epithelial cell homeostasis and crosstalk with Wnt signaling. PLoS ONE, 2021, 16, e0256774.	1.1	2
4	Regulation of colonic epithelial cell homeostasis by mTORC1. Scientific Reports, 2020, 10, 13810.	1.6	8
5	Blockade of CD47 or SIRP $\hat{\pm}$: a new cancer immunotherapy. Expert Opinion on Therapeutic Targets, 2020, 24, 945-951.	1.5	6
6	SIRP $\hat{\pm}$ on Mouse B1 Cells Restricts Lymphoid Tissue Migration and Natural Antibody Production. Frontiers in Immunology, 2020, 11, 570963.	2.2	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.	2.5	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.	1.6	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.	1.6	6
10	Role of lysophosphatidic acid in proliferation and differentiation of intestinal epithelial cells. PLoS ONE, 2019, 14, e0215255.	1.1	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.	3.1	24
12	Microglial SIRP $\hat{\pm}$ regulates the emergence of CD11c ⁺ microglia and demyelination damage in white matter. ELife, 2019, 8, .	2.8	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.	1.7	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.	1.0	8
16	Role of Csk in intestinal epithelial barrier function and protection against colitis. Biochemical and Biophysical Research Communications, 2018, 504, 109-114.	1.0	6
17	CD47 $\hat{\pm}$ signal regulatory protein $\hat{\pm}$ signaling system and its application to cancer immunotherapy. Cancer Science, 2018, 109, 2349-2357.	1.7	99
18	Neutrophils Kill Antibody-Opsonized Cancer Cells by Trogoptosis. Cell Reports, 2018, 23, 3946-3959.e6.	2.9	245

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19	SIRP α dendritic cells regulate homeostasis of fibroblastic reticular cells via TNF receptor ligands in the adult spleen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10151-E10160.	3.3	27
20	Anti-SIRP α antibodies as a potential new tool for cancer immunotherapy. <i>JCI Insight</i> , 2017, 2, e89140.	2.3	120
21	Prion pathogenesis is unaltered in the absence of SIRP α -mediated "don't-eat-me" signaling. <i>PLoS ONE</i> , 2017, 12, e0177876.	1.1	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. <i>Kobe Journal of Medical Sciences</i> , 2017, 63, E22-E29.	0.2	0
24	Promotion of Intestinal Epithelial Cell Turnover by Commensal Bacteria: Role of Short-Chain Fatty Acids. <i>PLoS ONE</i> , 2016, 11, e0156334.	1.1	182
25	Future therapeutic potential of SAP-1 in inflammatory bowel diseases. <i>Expert Review of Gastroenterology and Hepatology</i> , 2016, 10, 1313-1315.	1.4	0
26	Role of Src Family Kinases in Regulation of Intestinal Epithelial Homeostasis. <i>Molecular and Cellular Biology</i> , 2016, 36, 2811-2823.	1.1	23
27	Lack of SIRP α phosphorylation and concomitantly reduced SHP-2 \rightarrow PI3K \rightarrow Akt2 signaling decrease osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 268-273.	1.0	1
28	Dendritic cell SIRP α regulates homeostasis of dendritic cells in lymphoid organs. <i>Genes To Cells</i> , 2015, 20, 451-463.	0.5	26
29	Shp2 in Forebrain Neurons Regulates Synaptic Plasticity, Locomotion, and Memory Formation in Mice. <i>Molecular and Cellular Biology</i> , 2015, 35, 1557-1572.	1.1	32
30	Protein tyrosine phosphatase SAP-1 protects against colitis through regulation of CEACAM20 in the intestinal epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4264-E4271.	3.3	39
31	Comprehensive Behavioral Analysis of Cluster of Differentiation 47 Knockout Mice. <i>PLoS ONE</i> , 2014, 9, e89584.	1.1	22
32	Shear Stress-induced Redistribution of Vascular Endothelial-Protein-tyrosine Phosphatase (VE-PTP) in Endothelial Cells and Its Role in Cell Elongation. <i>Journal of Biological Chemistry</i> , 2014, 289, 6451-6461.	1.6	23
33	The CD47-SIRP α signalling system: its physiological roles and therapeutic application. <i>Journal of Biochemistry</i> , 2014, 155, 335-344.	0.9	132
34	Autoimmune animal models in the analysis of the CD47 \rightarrow SIRP α signaling pathway. <i>Methods</i> , 2014, 65, 254-259.	1.9	13
35	The BALB/c-specific polymorphic SIRPA enhances its affinity for human CD47, inhibiting phagocytosis against human cells to promote xenogeneic engraftment. <i>Experimental Hematology</i> , 2014, 42, 163-171.e1.	0.2	35
36	Role of the Protein Tyrosine Phosphatase Shp2 in Homeostasis of the Intestinal Epithelium. <i>PLoS ONE</i> , 2014, 9, e92904.	1.1	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.	5.8	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.	0.4	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.	3.3	256
40	SIRP β /CD172a Regulates Eosinophil Homeostasis. <i>Journal of Immunology</i> , 2011, 187, 2268-2277.	0.4	54
41	Essential roles of SIRP β in homeostatic regulation of skin dendritic cells. <i>Immunology Letters</i> , 2011, 135, 100-107.	1.1	15
42	Regulation by SIRP β of dendritic cell homeostasis in lymphoid tissues. <i>Blood</i> , 2010, 116, 3517-3525.	0.6	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.	1.7	52
44	Expression of PTPRO in the interneurons of adult mouse olfactory bulb. <i>Journal of Comparative Neurology</i> , 2010, 518, 119-136.	0.9	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.	0.5	25
46	Role of SIRP β in regulation of mucosal immunity in the intestine. <i>Genes To Cells</i> , 2010, 15, 1189-1200.	0.5	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.	1.7	41
48	Functions and molecular mechanisms of the CD47 β -SIRP β signalling pathway. <i>Trends in Cell Biology</i> , 2009, 19, 72-80.	3.6	379
49	SAP β is a microvillus β -specific protein tyrosine phosphatase that modulates intestinal tumorigenesis. <i>Genes To Cells</i> , 2009, 14, 295-308.	0.5	47
50	Protein tyrosine phosphatase SHP β : A proto β -oncogene product that promotes Ras activation. <i>Cancer Science</i> , 2009, 100, 1786-1793.	1.7	206
51	Essential roles of SHPS-1 in induction of contact hypersensitivity of skin. <i>Immunology Letters</i> , 2008, 121, 52-60.	1.1	18
52	Negative regulation by SHPS β of Toll β -like receptor β -dependent proinflammatory cytokine production in macrophages. <i>Genes To Cells</i> , 2008, 13, 209-219.	0.5	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.	1.2	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.	0.4	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.	0.4	50
56	SHPS-1 promotes the survival of circulating erythrocytes through inhibition of phagocytosis by splenic macrophages. <i>Blood</i> , 2006, 107, 341-348.	0.6	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.	1.7	47
58	Negative Regulation of Phagocytosis in Macrophages by the CD47-SHPS-1 System. <i>Journal of Immunology</i> , 2005, 174, 2004-2011.	0.4	249
59	Positive Regulation of Phagocytosis by SIRP β and Its Signaling Mechanism in Macrophages. <i>Journal of Biological Chemistry</i> , 2004, 279, 29450-29460.	1.6	61
60	Role of the CD47-SHPS-1 system in regulation of cell migration. <i>EMBO Journal</i> , 2003, 22, 2634-2644.	3.5	84
61	Small GTP-Binding Proteins. <i>Physiological Reviews</i> , 2001, 81, 153-208.	13.1	2,235
62	Regulation of Ras and Rho small G proteins by SHP-2. <i>Genes To Cells</i> , 2001, 6, 869-876.	0.5	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.	1.6	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.	1.6	60