

Takeharu Sakamoto

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41 papers	799 citations	17 h-index	27 g-index
44 ext. papers	971 ext. citations	5.7 avg, IF	4.05 L-index

#	Paper	IF	Citations
41	CHIP-associated mutant ASXL1 in blood cells promotes solid tumor progression.. <i>Cancer Science</i> , 2022 ,	6.9	2
40	Structural and thermodynamical insights into the binding and inhibition of FIH-1 by the N-terminal disordered region of Mint3. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101304	5.4	4
39	Pharmacological inhibition of Mint3 attenuates tumour growth, metastasis, and endotoxic shock. <i>Communications Biology</i> , 2021 , 4, 1165	6.7	1
38	Mint3 depletion-mediated glycolytic and oxidative alterations promote pyroptosis and prevent the spread of <i>Listeria monocytogenes</i> infection in macrophages. <i>Cell Death and Disease</i> , 2021 , 12, 404	9.8	3
37	TGF- β -dependent reprogramming of amino acid metabolism induces epithelial-mesenchymal transition in non-small cell lung cancers. <i>Communications Biology</i> , 2021 , 4, 782	6.7	5
36	EXOSC9 depletion attenuates P-body formation, stress resistance, and tumorigenicity of cancer cells. <i>Scientific Reports</i> , 2020 , 10, 9275	4.9	10
35	Mint3 is dispensable for pancreatic and kidney functions in mice. <i>Biochemistry and Biophysics Reports</i> , 2020 , 24, 100872	2.2	2
34	Generation of a p16 Reporter Mouse and Its Use to Characterize and Target p16 Cells InVivo. <i>Cell Metabolism</i> , 2020 , 32, 814-828.e6	24.6	31
33	Mint3 depletion restricts tumor malignancy of pancreatic cancer cells by decreasing SKP2 expression via HIF-1. <i>Oncogene</i> , 2020 , 39, 6218-6230	9.2	9
32	Munc18-1-interacting protein 3 mitigates renal fibrosis through protection of tubular epithelial cells from apoptosis. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35, 576-586	4.3	2
31	Scaffold protein Lin7 family in membrane skeletal protein complex in mouse seminiferous tubules. <i>Histochemistry and Cell Biology</i> , 2019 , 152, 333-343	2.4	3
30	Structures and Molecular Composition of Schmidt-Lanterman Incisures. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1190, 181-198	3.6	5
29	Electron microscopic observation of photoreceptor cells in directly inserted anesthetized <i>Drosophila</i> into a high-pressure freezing unit. <i>Microscopy Research and Technique</i> , 2019 , 82, 244-249	2.8	
28	The membrane palmitoylated protein, MPP6, is involved in myelin formation in the mouse peripheral nervous system. <i>Histochemistry and Cell Biology</i> , 2019 , 151, 385-394	2.4	7
27	Novel adherent CD11b Gr-1 tumor-infiltrating cells initiate an immunosuppressive tumor microenvironment. <i>Oncotarget</i> , 2018 , 9, 11209-11226	3.3	6
26	Mint3-mediated L1CAM expression in fibroblasts promotes cancer cell proliferation via integrin $\beta 1$ and tumour growth. <i>Oncogenesis</i> , 2017 , 6, e334	6.6	16
25	Control of metastatic niche formation by targeting APBA3/Mint3 in inflammatory monocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4416-E4424	11.5	18

24	Deficiency of a membrane skeletal protein, 4.1G, results in myelin abnormalities in the peripheral nervous system. <i>Histochemistry and Cell Biology</i> , 2017 , 148, 597-606	2.4	11
23	Integrated functions of membrane-type 1 matrix metalloproteinase in regulating cancer malignancy: Beyond a proteinase. <i>Cancer Science</i> , 2017 , 108, 1095-1100	6.9	36
22	Mint3 in bone marrow-derived cells promotes lung metastasis in breast cancer model mice. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 490, 688-692	3.4	8
21	Mint3/Apba3 depletion ameliorates severe murine influenza pneumonia and macrophage cytokine production in response to the influenza virus. <i>Scientific Reports</i> , 2016 , 6, 37815	4.9	14
20	NECAB3 Promotes Activation of Hypoxia-inducible factor-1 during Normoxia and Enhances Tumourigenicity of Cancer Cells. <i>Scientific Reports</i> , 2016 , 6, 22784	4.9	21
19	The ERK signaling target RNF126 regulates anoikis resistance in cancer cells by changing the mitochondrial metabolic flux. <i>Cell Discovery</i> , 2016 , 2, 16019	22.3	32
18	Mint3 potentiates TLR3/4- and RIG-I-induced IFN- β expression and antiviral immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 11925-11930	11.5	17
17	Investigation of a MMP-2 activity-dependent anchoring probe for nuclear imaging of cancer. <i>PLoS ONE</i> , 2014 , 9, e102180	3.7	3
16	Hypoxia-inducible factor 1 regulation through cross talk between mTOR and MT1-MMP. <i>Molecular and Cellular Biology</i> , 2014 , 34, 30-42	4.8	35
15	MT1-MMP plays a critical role in hematopoiesis by regulating HIF-mediated chemokine/cytokine gene transcription within niche cells. <i>Blood</i> , 2012 , 119, 5405-16	2.2	37
14	Genetic screening of new genes responsible for cellular adaptation to hypoxia using a genome-wide shRNA library. <i>PLoS ONE</i> , 2012 , 7, e35590	3.7	9
13	MT1-MMP Plays a Critical Role in Hematopoiesis by Regulating HIF-Mediated Chemo-/Cytokine Gene Transcription within Niche Cells.. <i>Blood</i> , 2012 , 120, 2351-2351	2.2	1
12	Genetic dissection of proteolytic and non-proteolytic contributions of MT1-MMP to macrophage invasion. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 413, 277-81	3.4	20
11	ZF21 is a new regulator of focal adhesion disassembly and a potential member of the spreading initiation center. <i>Cell Adhesion and Migration</i> , 2011 , 5, 23-8	3.2	7
10	Deletion of the Mint3/Apba3 gene in mice abrogates macrophage functions and increases resistance to lipopolysaccharide-induced septic shock. <i>Journal of Biological Chemistry</i> , 2011 , 286, 32542-51	5.4	27
9	Targeting the Warburg effect that arises in tumor cells expressing membrane type-1 matrix metalloproteinase. <i>Journal of Biological Chemistry</i> , 2011 , 286, 14691-704	5.4	58
8	ZF21 protein regulates cell adhesion and motility. <i>Journal of Biological Chemistry</i> , 2010 , 285, 21013-22	5.4	16
7	A membrane protease regulates energy production in macrophages by activating hypoxia-inducible factor-1 via a non-proteolytic mechanism. <i>Journal of Biological Chemistry</i> , 2010 , 285, 29951-64	5.4	73

6	Mint3 enhances the activity of hypoxia-inducible factor-1 (HIF-1) in macrophages by suppressing the activity of factor inhibiting HIF-1. <i>Journal of Biological Chemistry</i> , 2009 , 284, 30350-9	5-4	49
5	Identification and characterization of Lutheran blood group glycoprotein as a new substrate of membrane-type 1 matrix metalloproteinase 1 (MT1-MMP): a systemic whole cell analysis of MT1-MMP-associating proteins in A431 cells. <i>Journal of Biological Chemistry</i> , 2009 , 284, 27360-9	5-4	17
4	Cytoplasmic tail of MT1-MMP regulates macrophage motility independently from its protease activity. <i>Genes To Cells</i> , 2009 , 14, 617-26	2-3	68
3	Establishment of an MT4-MMP-deficient mouse strain representing an efficient tracking system for MT4-MMP/MMP-17 expression in vivo using beta-galactosidase. <i>Genes To Cells</i> , 2007 , 12, 1091-100	2-3	33
2	Stroma-derived matrix metalloproteinase (MMP)-2 promotes membrane type 1-MMP-dependent tumor growth in mice. <i>Cancer Research</i> , 2007 , 67, 4311-9	10-1	69
1	Developmental expression and localization of IA-2 mRNA in mouse neuroendocrine tissues. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 288, 165-71	3-4	14