Nozomi Takahashi

List of Publications by Citations

33 papers	2,816 citations	20 h-index	36 g-index
36 ext. papers	3,259 ext. citations	13.7 avg, IF	4.44 L-index

#	Paper	IF	Citations
33	RIP kinase-dependent necrosis drives lethal systemic inflammatory response syndrome. *Immunity*, **2011**, 35, 908-18	32.3	388
32	Necrostatin-1 analogues: critical issues on the specificity, activity and in vivo use in experimental disease models. *Cell Death and Disease*, **2012**, 3, e437	9.8	290
31	TRAIL induces necroptosis involving RIPK1/RIPK3-dependent PARP-1 activation. *Cell Death and Differentiation*, **2012**, 19, 2003-14	12.7	248
30	RIPK1 ensures intestinal homeostasis by protecting the epithelium against apoptosis. *Nature*, **2014**, 513, 95-9	50.4	224
29	Loss of p63 and its microRNA-205 target results in enhanced cell migration and metastasis in prostate cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 15312-7	11.5	219
28	Determination of apoptotic and necrotic cell death in vitro and in vivo. *Methods*, **2013**, 61, 117-29	4.6	163
27	Depletion of RIPK3 or MLKL blocks TNF-driven necroptosis and switches towards a delayed RIPK1 kinase-dependent apoptosis. *Cell Death and Disease*, **2014**, 5, e1004	9.8	148
26	IL-17 produced by Paneth cells drives TNF-induced shock. *Journal of Experimental Medicine*, **2008**, 205, 1755-61	16.6	147
25	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. *Immunity*, **2018**, 49, 312-325.e5	32.3	110
24	Simultaneous targeting of IL-1 and IL-18 is required for protection against inflammatory and septic shock. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 282-91	10.2	109
23	Necroptosis, in vivo detection in experimental disease models. *Seminars in Cell and Developmental Biology*, **2014**, 35, 2-13	7.5	108
22	TLR-2 and TLR-9 are sensors of apoptosis in a mouse model of doxorubicin-induced acute inflammation. *Cell Death and Differentiation*, **2011**, 18, 1316-25	12.7	87
21	Tumor necrosis factor, its receptors and the connection with interleukin 1 and interleukin 6. *Immunobiology*, **1993**, 187, 317-29	3.4	86
20	Response of interleukin-6-deficient mice to tumor necrosis factor-induced metabolic changes and lethality. *European Journal of Immunology*, **1994**, 24, 2237-42	6.1	56
19	Sorafenib tosylate inhibits directly necrosome complex formation and protects in mouse models of inflammation and tissue injury. *Cell Death and Disease*, **2017**, 8, e2904	9.8	47
18	Glucocorticoid receptor dimers control intestinal STAT1 and TNF-induced inflammation in mice. *Journal of Clinical Investigation*, **2018**, 128, 3265-3279	15.9	40
17	Degradomics reveals that cleavage specificity profiles of caspase-2 and effector caspases are alike. *Journal of Biological Chemistry*, **2012**, 287, 33983-95	5.4	33

List of Publications

16	Apoptosis of intestinal epithelial cells restricts Clostridium difficile infection in a model of pseudomembranous colitis. *Nature Communications*, **2018**, 9, 4846	17.4	30
15	The Tumor Suppressor Hace1 Is a Critical Regulator of TNFR1-Mediated Cell Fate. *Cell Reports*, **2016**, 15, 1481-1492	10.6	24
14	Tozasertib Analogues as Inhibitors of Necroptotic Cell Death. *Journal of Medicinal Chemistry*, **2018**, 61, 1895-1920	8.3	19
13	RIPK1-dependent cell death: a novel target of the Aurora kinase inhibitor Tozasertib (VX-680). *Cell Death and Disease*, **2018**, 9, 211	9.8	16
12	The molecular signature of oxidative metabolism and the mode of macrophage activation determine the shift from acute to chronic disease in experimental arthritis: critical role of interleukin-12p40. *Arthritis and Rheumatism*, **2008**, 58, 3471-84		16
11	Survival of Single Positive Thymocytes Depends upon Developmental Control of RIPK1 Kinase Signaling by the IKK Complex Independent of NF-B. *Immunity*, **2019**, 50, 348-361.e4	32.3	13
10	Dual face apoptotic machinery: from initiator of apoptosis to guardian of necroptosis. *Immunity*, **2011**, 35, 493-5	32.3	13
9	MLKL in cancer: more than a necroptosis regulator. *Cell Death and Differentiation*, **2021**, 28, 1757-1772	12.7	12
8	The ubiquitin-editing enzyme A20 controls NK cell homeostasis through regulation of mTOR activity and TNF. *Journal of Experimental Medicine*, **2019**, 216, 2010-2023	16.6	11
7	NecroX-7 reduces necrotic core formation in atherosclerotic plaques of Apoe knockout mice. *Atherosclerosis*, **2016**, 252, 166-174	3.1	11
6	Anti-tumor activity of tumor necrosis factor in combination with interferon-gamma is not affected by prior tolerization. *International Journal of Cancer*, **1995**, 63, 846-54	7.5	10
5	Viral dosing of influenza A infection reveals involvement of RIPK3 and FADD, but not MLKL. *Cell Death and Disease*, **2021**, 12, 471	9.8	3
4	The Potential Role of Necroptosis in Diseases **2014**, 1-21		1
3	Mechanisms of sensitization by infections towards tumour necrosis factor induced sirs. *Intensive Care Medicine*, **1996**, 22, S28-S28	14.5	
2	Reduced protection of RIPK3-deficient mice against influenza by matrix protein 2 ectodomain targeted active and passive vaccination strategies.. *Cell Death and Disease*, **2022**, 13, 280	9.8	
1	MLKL deficiency in BrafPten melanoma model results in a modest delay of nevi development and reduced lymph node dissemination in male mice.. *Cell Death and Disease*, **2022**, 13, 347	9.8	