Atsushi Takahashi

List of Publications by Year
in descending order

57	4,242	218677	161849
papers	citations	26 h-index	54 g-index

69	69	69	3284
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cleavage of lamin A by Mch2 alpha but not CPP32: multiple interleukin 1 beta-converting enzyme-related proteases with distinct substrate recognition properties are active in apoptosis.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8395-8400.	7.1	509
2	Modulation of cell death by Bcl-xL through caspase interaction. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 554-559.	7.1	505
3	Studies of the lamin proteinase reveal multiple parallel biochemical pathways during apoptotic execution.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 9042-9046.	7.1	494
4	Caspases Are Activated in a Branched Protease Cascade and Control Distinct Downstream Processes in Fas-induced Apoptosis. Journal of Experimental Medicine, 1998, 187, 587-600.	8.5	423
5	Mch3, a novel human apoptotic cysteine protease highly related to CPP32. Cancer Research, 1995, 55, 6045-52.	0.9	314
6	Activation of Multiple Interleukin-1Î² Converting Enzyme Homologues in Cytosol and Nuclei of HL-60 Cells during Etoposide-induced Apoptosis. Journal of Biological Chemistry, 1997, 272, 7421-7430.	3.4	197
7	ICE-related proteases in apoptosis. Current Opinion in Genetics and Development, 1996, 6, 50-55.	3.3	158
8	Ceramide Generation in Nitric Oxide-induced Apoptosis. Journal of Biological Chemistry, 1999, 274, 10654-10660.	3.4	124
9	Caspases Mediate Tumor Necrosis Factor-îœ€â€“Induced Neutrophil Apoptosis and Downregulation of Reactive Oxygen Production. Blood, 1999, 93, 674-685.	1.4	122
10	Comparison of Caspase Activation and Subcellular Localization in HL-60 and K562 Cells Undergoing Etoposide-Induced Apoptosis. Blood, 1997, 90, 4283-4296.	1.4	119
11	Affinity labeling displays the stepwise activation of ICE-related proteases by Fas, staurosporine, and CrmA-sensitive caspase-8. Oncogene, 1997, 14, 2741-2752.	5.9	118
12	Evidence for segmental bile drainage by hepatic portoenterostomy for biliary atresia: cholangiographic, hepatic venographic, and histologic evaluation of the liver taken at liver transplantation. Journal of Pediatric Surgery, 2004, 39, 1-5.	1.6	109
13	Calpain-mediated X-linked Inhibitor of Apoptosis Degradation in Neutrophil Apoptosis and Its Impairment in Chronic Neutrophilic Leukemia. Journal of Biological Chemistry, 2002, 277, 33968-33977.	3.4	96
14	Role of c-jun Expression Increased by Heat Shock- and Ceramide-activated Caspase-3 in HL-60 Cell Apoptosis. Journal of Biological Chemistry, 2000, 275, 7668-7676.	3.4	70
15	CrmA/SPI-2 Inhibition of an Endogenous ICE-related Protease Responsible for Lamin A Cleavage and Apoptotic Nuclear Fragmentation. Journal of Biological Chemistry, 1996, 271, 32487-32490.	3.4	68
16	Spatiotemporal Regulation of Moesin Phosphorylation and Rear Release by Rho and Serine/Threonine Phosphatase during Neutrophil Migration. Experimental Cell Research, 2002, 278, 112-122.	2.6	60
17	Production of Î²â€defensinâ€2 by human colonic epithelial cells induced by Salmonella enteritidis flagella filament structural protein. FEBS Letters, 2001, 508, 484-488.	2.8	58
18	The expression of co-stimulatory molecules and their relation- ship to the prognosis of human acute myeloid leukaemia: poor prognosis of B7-2-positive leukaemia. British Journal of Haematology, 1998, 102, 1257-1262.	2.5	56

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19	Ceramide Increases Oxidative Damage Due to Inhibition of Catalase by Caspase-3-dependent Proteolysis in HL-60 Cell Apoptosis. Journal of Biological Chemistry, 2003, 278, 9813-9822.	3.4	53
20	Down-regulation of CXCR2 expression on human polymorphonuclear leukocytes by TNF-alpha. Journal of Immunology, 1998, 160, 4518-25.	0.8	52
21	Sentinel node biopsy for high-risk cutaneous squamous cell carcinoma. European Journal of Surgical Oncology, 2014, 40, 1256-1262.	1.0	47
22	Phase I clinical trial of a five-peptide cancer vaccine combined with cyclophosphamide in advanced solid tumors. Clinical Immunology, 2016, 166-167, 48-58.	3.2	45
23	Change in K+ current of HeLa cells with progression of the cell cycle studied by patch-clamp technique. American Journal of Physiology - Cell Physiology, 1993, 265, C328-C336.	4.6	38
24	Caspase: executioner and undertaker of apoptosis. International Journal of Hematology, 1999, 70, 226-32.	1.6	38
25	Inhibition of ICE-Related Proteases (Caspases) and Nuclear Apoptosis by Phenylarsine Oxide. Experimental Cell Research, 1997, 231, 123-131.	2.6	37
26	Caspases Mediate Tumor Necrosis Factor-îœâ€“Induced Neutrophil Apoptosis and Downregulation of Reactive Oxygen Production. Blood, 1999, 93, 674-685.	1.4	35
27	Comparison of Caspase Activation and Subcellular Localization in HL-60 and K562 Cells Undergoing Etoposide-Induced Apoptosis. Blood, 1997, 90, 4283-4296.	1.4	27
28	Short-term delay of Fas-stimulated apoptosis by GM-CSF as a result of temporary suppression of FADD recruitment in neutrophils: evidence implicating phosphatidylinositol 3-kinase and MEK1-ERK1/2 pathways downstream of classical protein kinase C. Journal of Leukocyte Biology, 2004, 76, 1047-1056.	3.3	26
29	Activation of Caspases in Pig Kidney Cells Infected with Wild-Type and CrmA/SPI-2 Mutants of Cowpox and Rabbitpox Viruses. Journal of Virology, 1998, 72, 3524-3533.	3.4	26
30	Emission characteristics of debris from CO2 and Nd:YAG laser-produced tin plasmas for extreme ultraviolet lithography light source. Applied Physics B: Lasers and Optics, 2008, 92, 73-77.	2.2	24
31	Presence of a Serine Protease in the Complement-Activating Component of the Complement-Dependent Bactericidal Factor, RaRF, in Mouse Serum. Biochemical and Biophysical Research Communications, 1993, 190, 681-687.	2.1	18
32	A novel potent tumour promoter aberrantly overexpressed in most human cancers. Scientific Reports, 2011, 1, 15.	3.3	18
33	Biophysical properties of proteinâ€free, totally synthetic pulmonary surfactants, ALEC and Exosurf, in comparison with surfactant TA. Pediatrics International, 1994, 36, 613-618.	0.5	15
34	Myasthenia gravis after allogeneic bone marrow transplantation treated with mycophenolate mofetil monitored by peripheral blood OX40+CD4+T cells. European Journal of Haematology, 2002, 69, 318-320.	2.2	15
35	Transient calcium elevation in polymorphonuclear leukocytes triggered by thrombinâ€activated platelets. European Journal of Haematology, 1992, 48, 196-201.	2.2	15
36	Therapeutic vaccination based on side population cells transduced by the granulocyteâ€“macrophage colony-stimulating factor gene elicits potent antitumor immunity. Cancer Gene Therapy, 2017, 24, 165-174.	4.6	15

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37	TLR7 Ligand Augments GM-CSFâ€“Initiated Antitumor Immunity through Activation of Plasmacytoid Dendritic Cells. Cancer Immunology Research, 2014, 2, 568-580.	3.4	13
38	Development of a target for laser-produced plasma EUV light source using Sn nano-particles. Applied Physics A: Materials Science and Processing, 2004, 79, 1493-1495.	2.3	12
39	A phase I clinical trial of RNF43 peptide-related immune cell therapy combined with low-dose cyclophosphamide in patients with advanced solid tumors. PLoS ONE, 2018, 13, e0187878.	2.5	12
40	Nitric Oxide Derived from Human Umbilical Vein Endothelial Cells Inhibits Transendothelial Migration of Neutrophils. International Journal of Hematology, 2005, 81, 220-227.	1.6	11
41	Immunogenic FEAT protein circulates in the bloodstream of cancer patients. Journal of Translational Medicine, 2016, 14, 275.	4.4	8
42	Sub-wavelength micromachining of silica glass by irradiation of CO2 laser with Fresnel diffraction. Applied Physics A: Materials Science and Processing, 2011, 104, 593-599.	2.3	4
43	FEAT enhances INSL3 expression in testicular Leydig cells. Genes To Cells, 2018, 23, 952-962.	1.2	4
44	Investigation of debris dynamics from laser-produced tin plasma for EUV lithography light source. Applied Physics A: Materials Science and Processing, 2008, 92, 767-772.	2.3	3
45	Change in density of K+ current of HeLa cells during the cell cycle. The Japanese Journal of Physiology, 1994, 44 Suppl 2, S321-4.	0.9	3
46	Adenocarcinoma arising in the ileal segment of a defunctionalized ileocystoplasty. Acta Urologica Japonica, 1993, 39, 753-5.	0.1	3
47	INFLUENCE OF pH ON THE THYROXINE EFFECT UPON SUCCINOXIDASE SYSTEM. Endocrinologia Japonica, 1956, 3, 98-105.	0.5	2
48	MALIGNANT ENDOMETRIOID ADENOFIBROMA OF THE OVARY WITH SEROUS CYSTADENOMA. Pathology International, 1986, 36, 571-576.	1.3	2
49	Promoting effect of basic lead acetate administration on the tumorigenesis of lung in N-nitrosodimethylamine-treated mice. Bulletin of Environmental Contamination and Toxicology, 1990, 44, 707-714.	2.7	2
50	In Vitro Systems for the Study of Apoptosis. Advances in Pharmacology, 1997, 41, 89-106.	2.0	2
51	PROLIFERATIVE BRENNER TUMOR OF THE OVARY. Pathology International, 1985, 35, 1241-1244.	1.3	1
52	ENDOLYMPHATIC STROMAL MYOSIS OF THE UTERUS WITH METASTASIS TO OVARY AND RECURRENCE IN VAGINA. Pathology International, 1986, 36, 301-308.	1.3	1
53	UTERINE TUMOR RESEMBLING OVARIAN SEXâ€CORD TUMOR WITH OSTEOID METAPLASIA. Pathology International, 1986, 36, 1391-1395.	1.3	1
54	Diagnostics of ablation dynamics of tin micro-droplet for EUV lithography light source. , 2009, , .		0

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55	Sub-wavelength micromachining of silica glass by irradiation of infrared laser with Fresnel diffraction. , 2010, , .		0
56	114 Ho : YAG laser generated underwater shock waves for medical application. Proceedings of the JSME Bioengineering Conference and Seminar, 2000, 2000.11, 27-28.	0.0	0
57	Expression Cloning of Genes Enabling Erythropoietin -Independent Erythropoiesis in Vitro.. Blood, 2009, 114, 3608-3608.	1.4	0