

Atsushi Takahashi

List of Publications by Year in descending order

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57
papers

4,242
citations

218381

26
h-index

161609

54
g-index

69
all docs

69
docs citations

69
times ranked

3284
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.	3.3	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.	3.3	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.	3.3	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.	4.2	423
5	Mch3, a novel human apoptotic cysteine protease highly related to CPP32. Cancer Research, 1995, 55, 6045-52.	0.4	314
6	Activation of Multiple Interleukin-1 β Converting Enzyme Homologues in Cytosol and Nuclei of HL-60 Cells during Etoposide-induced Apoptosis. Journal of Biological Chemistry, 1997, 272, 7421-7430.	1.6	197
7	ICE-related proteases in apoptosis. Current Opinion in Genetics and Development, 1996, 6, 50-55.	1.5	158
8	Ceramide Generation in Nitric Oxide-induced Apoptosis. Journal of Biological Chemistry, 1999, 274, 10654-10660.	1.6	124
9	Caspases Mediate Tumor Necrosis Factor- α -Induced Neutrophil Apoptosis and Downregulation of Reactive Oxygen Production. Blood, 1999, 93, 674-685.	0.6	122
10	Comparison of Caspase Activation and Subcellular Localization in HL-60 and K562 Cells Undergoing Etoposide-Induced Apoptosis. Blood, 1997, 90, 4283-4296.	0.6	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.	2.6	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.	0.8	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.	1.6	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.	1.6	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.	1.6	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.	1.2	60
17	Production of β -defensin-2 by human colonic epithelial cells induced by Salmonella enteritidis flagella filament structural protein. FEBS Letters, 2001, 508, 484-488.	1.3	58
18	The expression of co-stimulatory molecules and their relationship to the prognosis of human acute myeloid leukaemia: poor prognosis of B7-2-positive leukaemia. British Journal of Haematology, 1998, 102, 1257-1262.	1.2	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. <i>Journal of Biological Chemistry</i> , 2003, 278, 9813-9822.	1.6	53
20	Down-regulation of CXCR2 expression on human polymorphonuclear leukocytes by TNF-alpha. <i>Journal of Immunology</i> , 1998, 160, 4518-25.	0.4	52
21	Sentinel node biopsy for high-risk cutaneous squamous cell carcinoma. <i>European Journal of Surgical Oncology</i> , 2014, 40, 1256-1262.	0.5	47
22	Phase I clinical trial of a five-peptide cancer vaccine combined with cyclophosphamide in advanced solid tumors. <i>Clinical Immunology</i> , 2016, 166-167, 48-58.	1.4	45
23	Change in K ⁺ current of HeLa cells with progression of the cell cycle studied by patch-clamp technique. <i>American Journal of Physiology - Cell Physiology</i> , 1993, 265, C328-C336.	2.1	38
24	Caspase: executioner and undertaker of apoptosis. <i>International Journal of Hematology</i> , 1999, 70, 226-32.	0.7	38
25	Inhibition of ICE-Related Proteases (Caspases) and Nuclear Apoptosis by Phenylarsine Oxide. <i>Experimental Cell Research</i> , 1997, 231, 123-131.	1.2	37
26	Caspases Mediate Tumor Necrosis Factor- α -Induced Neutrophil Apoptosis and Downregulation of Reactive Oxygen Production. <i>Blood</i> , 1999, 93, 674-685.	0.6	35
27	Comparison of Caspase Activation and Subcellular Localization in HL-60 and K562 Cells Undergoing Etoposide-Induced Apoptosis. <i>Blood</i> , 1997, 90, 4283-4296.	0.6	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. <i>Journal of Leukocyte Biology</i> , 2004, 76, 1047-1056.	1.5	26
29	Activation of Caspases in Pig Kidney Cells Infected with Wild-Type and CrmA/SPI-2 Mutants of Cowpox and Rabbitpox Viruses. <i>Journal of Virology</i> , 1998, 72, 3524-3533.	1.5	26
30	Emission characteristics of debris from CO ₂ and Nd:YAG laser-produced tin plasmas for extreme ultraviolet lithography light source. <i>Applied Physics B: Lasers and Optics</i> , 2008, 92, 73-77.	1.1	24
31	Presence of a Serine Protease in the Complement-Activating Component of the Complement-Dependent Bactericidal Factor, RaRF, in Mouse Serum. <i>Biochemical and Biophysical Research Communications</i> , 1993, 190, 681-687.	1.0	18
32	A novel potent tumour promoter aberrantly overexpressed in most human cancers. <i>Scientific Reports</i> , 2011, 1, 15.	1.6	18
33	Biophysical properties of protein-free, totally synthetic pulmonary surfactants, ALEC and Exosurf, in comparison with surfactant TA. <i>Pediatrics International</i> , 1994, 36, 613-618.	0.2	15
34	Myasthenia gravis after allogeneic bone marrow transplantation treated with mycophenolate mofetil monitored by peripheral blood OX40+CD4+T cells. <i>European Journal of Haematology</i> , 2002, 69, 318-320.	1.1	15
35	Transient calcium elevation in polymorphonuclear leukocytes triggered by thrombin-activated platelets. <i>European Journal of Haematology</i> , 1992, 48, 196-201.	1.1	15
36	Therapeutic vaccination based on side population cells transduced by the granulocyte-macrophage colony-stimulating factor gene elicits potent antitumor immunity. <i>Cancer Gene Therapy</i> , 2017, 24, 165-174.	2.2	15

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37	TLR7 Ligand Augments GM-CSF-Initiated Antitumor Immunity through Activation of Plasmacytoid Dendritic Cells. <i>Cancer Immunology Research</i> , 2014, 2, 568-580.	1.6	13
38	Development of a target for laser-produced plasma EUV light source using Sn nano-particles. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 1493-1495.	1.1	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. <i>PLoS ONE</i> , 2018, 13, e0187878.	1.1	12
40	Nitric Oxide Derived from Human Umbilical Vein Endothelial Cells Inhibits Transendothelial Migration of Neutrophils. <i>International Journal of Hematology</i> , 2005, 81, 220-227.	0.7	11
41	Immunogenic FEAT protein circulates in the bloodstream of cancer patients. <i>Journal of Translational Medicine</i> , 2016, 14, 275.	1.8	8
42	Sub-wavelength micromachining of silica glass by irradiation of CO2 laser with Fresnel diffraction. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 593-599.	1.1	4
43	FEAT enhances INSL3 expression in testicular Leydig cells. <i>Genes To Cells</i> , 2018, 23, 952-962.	0.5	4
44	Investigation of debris dynamics from laser-produced tin plasma for EUV lithography light source. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 767-772.	1.1	3
45	Change in density of K ⁺ current of HeLa cells during the cell cycle. <i>The Japanese Journal of Physiology</i> , 1994, 44 Suppl 2, S321-4.	0.9	3
46	Adenocarcinoma arising in the ileal segment of a defunctionalized ileocystoplasty. <i>Acta Urologica Japonica</i> , 1993, 39, 753-5.	0.1	3
47	INFLUENCE OF pH ON THE THYROXINE EFFECT UPON SUCCINOXIDASE SYSTEM. <i>Endocrinologia Japonica</i> , 1956, 3, 98-105.	0.5	2
48	MALIGNANT ENDOMETRIOID ADENOFIBROMA OF THE OVARY WITH SEROUS CYSTADENOMA. <i>Pathology International</i> , 1986, 36, 571-576.	0.6	2
49	Promoting effect of basic lead acetate administration on the tumorigenesis of lung in N-nitrosodimethylamine-treated mice. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1990, 44, 707-714.	1.3	2
50	In Vitro Systems for the Study of Apoptosis. <i>Advances in Pharmacology</i> , 1997, 41, 89-106.	1.2	2
51	PROLIFERATIVE BRENNER TUMOR OF THE OVARY. <i>Pathology International</i> , 1985, 35, 1241-1244.	0.6	1
52	ENDOLYMPHATIC STROMAL MYOSIS OF THE UTERUS WITH METASTASIS TO OVARY AND RECURRENCE IN VAGINA. <i>Pathology International</i> , 1986, 36, 301-308.	0.6	1
53	UTERINE TUMOR RESEMBLING OVARIAN SEX-CORD TUMOR WITH OSTEOID METAPLASIA. <i>Pathology International</i> , 1986, 36, 1391-1395.	0.6	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.	0.6	0