Kunihiro Hayakawa

List of Publications by Year
in descending order

51	2,120	218381	223531
papers	citations	26 h-index	46 g-index

51	51	51	2956
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activation of the Akt-NF-ÎºB Pathway by Subtilase Cytotoxin through the ATF6 Branch of the Unfolded Protein Response. Journal of Immunology, 2009, 183, 1480-1487.	0.4	249
2	Involvement of Selective Reactive Oxygen Species Upstream of Proapoptotic Branches of Unfolded Protein Response. Journal of Biological Chemistry, 2008, 283, 4252-4260.	1.6	182
3	Induction of apoptosis by cigarette smoke via ROS-dependent endoplasmic reticulum stress and CCAAT/enhancer-binding protein-homologous protein (CHOP). Free Radical Biology and Medicine, 2008, 45, 50-59.	1.3	163
4	Real-time detection and continuous monitoring of ER stress in vitro and in vivo by ES-TRAP: evidence for systemic, transient ER stress during endotoxemia. Nucleic Acids Research, 2006, 34, e93-e93.	6.5	102
5	Selective Abrogation of BiP/GRP78 Blunts Activation of NF-ÎºB through the ATF6 Branch of the UPR: Involvement of C/EBPÎ² and mTOR-Dependent Dephosphorylation of Akt. Molecular and Cellular Biology, 2011, 31, 1710-1718.	1.1	91
6	High Levels of Dioxin-Like Potential in Cigarette Smoke Evidenced by In vitro and In vivo Biosensing. Cancer Research, 2006, 66, 7143-7150.	0.4	85
7	Suppression of NF-ÎºB by Cyclosporin A and Tacrolimus (FK506) via Induction of the C/EBP Family: Implication for Unfolded Protein Response. Journal of Immunology, 2009, 182, 7201-7211.	0.4	84
8	Transcriptional suppression of nephrin in podocytes by macrophages: Roles of inflammatory cytokines and involvement of the PI3K/Akt pathway. FEBS Letters, 2007, 581, 421-426.	1.3	80
9	Gasp, a Grb2-associating protein, is critical for positive selection of thymocytes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16345-16350.	3.3	63
10	Rapid, transient induction of ER stress in the liver and kidney after acute exposure to heavy metal: Evidence from transgenic sensor mice. FEBS Letters, 2007, 581, 2055-2059.	1.3	60
11	ER Stress Depresses NF-ÎºB Activation in Mesangial Cells through Preferential Induction of C/EBPÎ². Journal of the American Society of Nephrology: JASN, 2010, 21, 73-81.	3.0	58
12	Acquisition of Anergy to Proinflammatory Cytokines in Nonimmune Cells through Endoplasmic Reticulum Stress Response: A Mechanism for Subsidence of Inflammation. Journal of Immunology, 2009, 182, 1182-1191.	0.4	57
13	Recovery and maintenance of nephrin expression in cultured podocytes and identification of HGF as a repressor of nephrin. American Journal of Physiology - Renal Physiology, 2007, 292, F1573-F1582.	1.3	54
14	Geranylgeranylacetone, an Inducer of the 70-kDa Heat Shock Protein (HSP70), Elicits Unfolded Protein Response and Coordinates Cellular Fate Independently of HSP70. Molecular Pharmacology, 2007, 72, 1337-1348.	1.0	53
15	JAK inhibitor has the amelioration effect in lupus-prone mice: the involvement of IFN signature gene downregulation. BMC Immunology, 2017, 18, 41.	0.9	51
16	Involvement of hypoxia-triggered endoplasmic reticulum stress in outlet obstruction-induced apoptosis in the urinary bladder. Laboratory Investigation, 2008, 88, 553-563.	1.7	45
17	Circulating plasma microRNA profiling in patients with polymyositis/dermatomyositis before and after treatment: miRNA may be associated with polymyositis/dermatomyositis. Inflammation and Regeneration, 2018, 38, 1.	1.5	44
18	Suppression of cytokine responses by indomethacin in podocytes: a mechanism through induction of unfolded protein response. American Journal of Physiology - Renal Physiology, 2008, 295, F1495-F1503.	1.3	40

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19	Alkaline phosphatase vs luciferase as secreted reporter molecules in vivo. Analytical Biochemistry, 2005, 339, 249-256.	1.1	35
20	MicroRNA-766-3p Contributes to Anti-Inflammatory Responses through the Indirect Inhibition of NF-Î¹B Signaling. International Journal of Molecular Sciences, 2019, 20, 809.	1.8	35
21	Suppression of nephrin expression by TNF-Î± via interfering with the cAMP-retinoic acid receptor pathway. American Journal of Physiology - Renal Physiology, 2010, 298, F1436-F1444.	1.3	34
22	Blunted activation of NF-Î¹B and NF-Î¹B-dependent gene expression by geranylgeranylacetone: Involvement of unfolded protein response. Biochemical and Biophysical Research Communications, 2008, 365, 47-53.	1.0	33
23	Priming of Glomerular Mesangial Cells by Activated Macrophages Causes Blunted Responses to Proinflammatory Stimuli. Journal of Immunology, 2006, 176, 2529-2537.	0.4	32
24	Suppression of cytokine response by GATA inhibitor K-7174 via unfolded protein response. Biochemical and Biophysical Research Communications, 2007, 360, 470-475.	1.0	32
25	Secreted protein-based reporter systems for monitoring inflammatory events: Critical interference by endoplasmic reticulum stress. Journal of Immunological Methods, 2006, 315, 202-207.	0.6	28
26	Induction of CCAAT/enhancer-binding proteinâ€“homologous protein by cigarette smoke through the superoxide anion-triggered PERKâ€“eIF2Î± pathway. Toxicology, 2011, 287, 105-112.	2.0	26
27	Real-time monitoring of mesangial cell-macrophage cross-talk using SEAP in vitro and ex vivo. Kidney International, 2005, 68, 886-893.	2.6	22
28	Unexpected blockade of adipocyte differentiation by K-7174: Implication for endoplasmic reticulum stress. Biochemical and Biophysical Research Communications, 2007, 363, 355-360.	1.0	22
29	Blockade of the Dioxin Pathway by Herbal Medicine Formula Bupleuri Minor: Identification of Active Entities for Suppression of AhR Activation. Biological and Pharmaceutical Bulletin, 2008, 31, 838-846.	0.6	22
30	Inhibition of the insulin-like growth factor system is a potential therapy for rheumatoid arthritis. Autoimmunity, 2015, 48, 251-258.	1.2	21
31	Continuous, noninvasive monitoring of local microscopic inflammation using a genetically engineered cell-based biosensor. Laboratory Investigation, 2005, 85, 1429-1439.	1.7	20
32	Dual suppression of adipogenesis by cigarette smoke through activation of the aryl hydrocarbon receptor and induction of endoplasmic reticulum stress. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E721-E730.	1.8	17
33	Direct, Continuous Monitoring of Air Pollution by Transgenic Sensor Mice Responsive to Halogenated and Polycyclic Aromatic Hydrocarbons. Environmental Health Perspectives, 2008, 116, 349-354.	2.8	16
34	Inhibition of each module of connective tissue growth factor as a potential therapeutic target for rheumatoid arthritis. Autoimmunity, 2016, 49, 109-114.	1.2	16
35	Profiling of functional phosphodiesterase in mesangial cells using a CRE-SEAP-based reporting system. British Journal of Pharmacology, 2006, 148, 833-844.	2.7	15
36	Selective deletion of adipocytes, but not preadipocytes, by TNF-Î± through C/EBP- and PPARÎ³-mediated suppression of NF-Î¹B. Laboratory Investigation, 2010, 90, 1385-1395.	1.7	15

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37	Spontaneous activation of the NF-Î¹B signaling pathway in isolated normal glomeruli. American Journal of Physiology - Renal Physiology, 2006, 291, F1169-F1176.	1.3	14
38	Ras homolog gene family H (RhoH) deficiency induces psoriasis-like chronic dermatitis by promoting TH17Âcell polarization. Journal of Allergy and Clinical Immunology, 2019, 143, 1878-1891.	1.5	14
39	Influence of cAMP on reporter bioassays for dioxin and dioxin-like compounds. Toxicology and Applied Pharmacology, 2006, 211, 11-19.	1.3	12
40	Differential requirement for RhoH in development of TCRÎ±Î² CD8Î±Î± IELs and other types of T cells. Immunology Letters, 2013, 151, 1-9.	1.1	12
41	Zfat-Deficiency Results in a Loss of CD3Î¶ Phosphorylation with Dysregulation of ERK and Egr Activities Leading to Impaired Positive Selection. PLoS ONE, 2013, 8, e76254.	1.1	12
42	Social defeat stress exacerbates atopic dermatitis through downregulation of DNA methyltransferase 1 and upregulation of Câ€“C motif chemokine receptor 7 in skin dendritic cells. Biochemical and Biophysical Research Communications, 2020, 529, 1073-1079.	1.0	11
43	Impairment of MCP-1 Expression in Mesothelial Cells Exposed to Peritoneal Dialysis Fluid by Osmotic Stress and Acidic Stress. Peritoneal Dialysis International, 2011, 31, 80-89.	1.1	10
44	Blockade of the Aryl Hydrocarbon Receptor Pathway Triggered by Dioxin, Polycyclic Aromatic Hydrocarbons and Cigarette Smoke by Phellinus linteus. Biological and Pharmaceutical Bulletin, 2008, 31, 1888-1893.	0.6	7
45	Kinase inhibitors of the IGF-1R as a potential therapeutic agent for rheumatoid arthritis. Autoimmunity, 2017, 50, 329-335.	1.2	7
46	Bioassay-based screening of microorganisms that degrade dioxin using substrate-immobilized microtubes. Analytical Biochemistry, 2005, 347, 135-143.	1.1	5
47	Novel potential of tunicamycin as an activator of the aryl hydrocarbon receptor - dioxin responsive element signaling pathway. FEBS Letters, 2006, 580, 3721-3725.	1.3	4
48	The effectiveness of new triple combination therapy using synthetic disease-modifying anti-rheumatic drugs with different pharmacological function against rheumatoid arthritis: the verification by an in vitro and clinical study. Clinical Rheumatology, 2017, 36, 51-58.	1.0	3
49	Connective Tissue Growth Factor Neutralization Aggravates the Psoriasis Skin Lesion: The Analysis of Psoriasis Model Mice and Patients. Annals of Dermatology, 2018, 30, 47.	0.3	3
50	Exposure of female NZBWF1 mice to imiquimod-induced lupus nephritis at an early age via a unique mechanism that differed from spontaneous onset. Clinical and Experimental Immunology, 2022, 208, 33-46.	1.1	3
51	Preferential Blockade of Dioxin-Induced Activation of the Aryl Hydrocarbon Receptor by Antrodia camphorata. Biological and Pharmaceutical Bulletin, 2009, 32, 1510-1515.	0.6	1