Jongsun Park

List of Publications by Year in descending order

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99 papers	5,406 citations	136950 32 h-index	85541 71 g-index
139 all docs	139 docs citations	139 times ranked	7706 citing authors

#	Article	IF	Citations
1	The potential inhibitory effect of ginsenoside Rh2 on mitophagy in UV-irradiated human dermal fibroblasts. Journal of Ginseng Research, 2022, 46, 646-656.	5.7	7
2	Scavenger receptor class F member 2 (SCARF2) as a novel therapeutic target in glioblastoma. Toxicological Research, 2022, 38, 249-256.	2.1	4
3	Phosphodiesterase 11ÂA (PDE11A), a potential biomarker for glioblastoma. Toxicological Research, 2022, 38, 409-415.	2.1	2
4	Emerging role of LETM1/GRP78 axis in lung cancer. Cell Death and Disease, 2022, 13, .	6.3	7
5	Beneficial effects of Diplectria barbata (Wall. Ex C. B. Clarke) Franken et Roos extract on aging and antioxidants in vitro and in vivo. Toxicological Research, 2021, 37, 71-83.	2.1	5
6	HDAC6-selective inhibitors enhance anticancer effects of paclitaxel in ovarian cancer cells. Oncology Letters, 2021, 21, 201.	1.8	16
7	FCH domain only 1 (FCHo1), a potential new biomarker for lung cancer. Cancer Gene Therapy, 2021, , .	4.6	1
8	Alpha-Methylacyl-CoA Racemase (AMACR), a Potential New Biomarker for Glioblastoma. Frontiers in Oncology, 2020, 10, 550673.	2.8	7
9	Anti-Tumor Effects of Sodium Meta-Arsenite in Glioblastoma Cells with Higher Akt Activities. International Journal of Molecular Sciences, 2020, 21, 8982.	4.1	4
10	Current Knowledge on the Function of Î±-Methyl Acyl-CoA Racemase in Human Diseases. Frontiers in Molecular Biosciences, 2020, 7, 153.	3.5	13
11	Revisiting the Warburg Effect: Diet-Based Strategies for Cancer Prevention. BioMed Research International, 2020, 2020, 1-9.	1.9	22
12	FCHO1560â^'571 peptide, a PKB kinase motif, inhibits tumor progression. Biochemical and Biophysical Research Communications, 2020, 528, 478-484.	2.1	6
13	Yin Yang 1 is required for PHD finger protein 20-mediated myogenic differentiation in vitro and in vivo. Cell Death and Differentiation, 2020, 27, 3321-3336.	11.2	5
14	Relationship Between Ginsenoside Rg3 and Metabolic Syndrome. Frontiers in Pharmacology, 2020, 11, 130.	3.5	32
15	Myristoylated TMEM39AS41, a cell-permeable peptide, causes lung cancer cell death. Toxicological Research, 2020, 36, 123-130.	2.1	22
16	A new role for the ginsenoside RG3 in antiaging via mitochondria function in ultraviolet-irradiated human dermal fibroblasts. Journal of Ginseng Research, 2019, 43, 431-441.	5.7	44
17	Ginsenoside Rg3 upregulates myotube formation and mitochondrial function, thereby protecting myotube atrophy induced by tumor necrosis factor-alpha. Journal of Ethnopharmacology, 2019, 242, 112054.	4.1	30
18	Anti-cancer effect of doxorubicin is mediated by downregulation of HMG-Co A reductase via inhibition of EGFR/Src pathway. Laboratory Investigation, 2019, 99, 1157-1172.	3.7	20

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19	LETM1 is required for mitochondrial homeostasis and cellular viability (Review). Molecular Medicine Reports, 2019, 19, 3367-3375.	2.4	45
20	1,2-Dichloropropane (1,2-DCP)-Induced Angiogenesis in Dermatitis. Toxicological Research, 2019, 35, 361-369.	2.1	7
21	S6 kinase 1 plays a key role in mitochondrial morphology and cellular energy flow. Cellular Signalling, 2018, 48, 13-24.	3.6	16
22	The roles of TRIO and F-actin-binding protein in glioblastoma cells. Molecular Medicine Reports, 2018, 17, 4540-4546.	2.4	2
23	GOLGA2 loss causes fibrosis with autophagy in the mouse lung and liver. Biochemical and Biophysical Research Communications, 2018, 495, 594-600.	2.1	25
24	Emerging roles of TRIO and F-actin-binding protein in human diseases. Cell Communication and Signaling, 2018, 16, 29.	6.5	9
25	Expression of PGC1Î± in glioblastoma multiforme patients. Oncology Letters, 2017, 13, 4055-4076.	1.8	7
26	PHF20 positively regulates osteoblast differentiation via increasing the expression and activation of Runx2 with enrichment of H3K4me3. Scientific Reports, 2017, 7, 8060.	3.3	10
27	Astrocytic Expression of CTMP Following an Excitotoxic Lesion in the Mouse Hippocampus. Experimental Neurobiology, 2017, 26, 25-32.	1.6	4
28	Recognition of Transmembrane Protein 39A as a Tumor-Specific Marker in Brain Tumor. Toxicological Research, 2017, 33, 63-69.	2.1	13
29	Mitochondrial transcription factor A (TFAM) is upregulated in glioma. Molecular Medicine Reports, 2017, 15, 3781-3786.	2.4	21
30	Identification of genes and pathways potentially related to PHF20 by gene expression profile analysis of glioblastoma U87 cell line. Cancer Cell International, 2017, 17, 87.	4.1	9
31	Identification of AMPK activator from twelve pure compounds isolated from Aralia Taibaiensis: implication in antihyperglycemic and hypolipidemic activities. Korean Journal of Physiology and Pharmacology, 2017, 21, 279.	1.2	7
32	TMEM39A and Human Diseases: A Brief Review. Toxicological Research, 2017, 33, 205-209.	2.1	21
33	Modulation of PI3K/PTEN Pathway Does Not Affect Catalytic Activity of PDK1 in Jurkat Cells. , 2017, 37, 5415-5423.		0
34	Targeting Cancer Metabolism - Revisiting the Warburg Effects. Toxicological Research, 2016, 32, 177-193.	2.1	101
35	Anti-aging effects of Piper cambodianum P. Fourn. extract on normal human dermal fibroblast cells and a wound-healing model in mice. Clinical Interventions in Aging, 2016, Volume 11, 1017-1026.	2.9	16
36	Involvement of S6K1 in mitochondria function and structure in HeLa cells. Cellular Signalling, 2016, 28, 1904-1915.	3.6	11

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37	Autophagy induced by AXL receptor tyrosine kinase alleviates acute liver injury via inhibition of NLRP3 inflammasome activation in mice. Autophagy, 2016, 12, 2326-2343.	9.1	100
38	Dihydroergotamine Tartrate Induces Lung Cancer Cell Death through Apoptosis and Mitophagy. Chemotherapy, 2016, 61, 304-312.	1.6	23
39	Carboxyl-Terminal Modulator Protein Positively Acts as an Oncogenic Driver in Head and Neck Squamous Cell Carcinoma via Regulating Akt phosphorylation. Scientific Reports, 2016, 6, 28503.	3.3	13
40	Alpha 1-antitrypsin activates lung cancer cell survival by acting on cap-dependent protein translation, vesicle-mediated transport, and metastasis. Oncotarget, 2016, .	1.8	3
41	Coupling of LETM1 up-regulation with oxidative phosphorylation and platelet-derived growth factor receptor signaling via YAP1 transactivation. Oncotarget, 2016, 7, 66728-66739.	1.8	9
42	Endoplasmic reticulum-Golgi intermediate compartment protein 3 knockdown suppresses lung cancer through endoplasmic reticulum stress-induced autophagy. Oncotarget, 2016, 7, 65335-65347.	1.8	22
43	Alteration of Phospholipids during the Mitophagic Process in Lung Cancer Cells. Journal of Microbiology and Biotechnology, 2016, 26, 1790-1799.	2.1	3
44	Association of p21â€activated kinaseâ€1 activity with aggressive tumor behavior and poor prognosis of head and neck cancer. Head and Neck, 2015, 37, 953-963.	2.0	32
45	Shen-Kang protects 5/6 nephrectomized rats against renal injury by reducing oxidative stress through the MAPK signaling pathways. International Journal of Molecular Medicine, 2015, 36, 975-984.	4.0	18
46	PKB/Akt phosphorylation of ERRÎ³ contributes to insulin-mediated inhibition of hepatic gluconeogenesis. Diabetologia, 2014, 57, 2576-2585.	6.3	39
47	Î²-Lapachone alleviates alcoholic fatty liver disease in rats. Cellular Signalling, 2014, 26, 295-305.	3.6	14
48	The role of the transcription factor ETV5 in insulin exocytosis. Diabetologia, 2014, 57, 383-391.	6.3	25
49	New players in high fat diet-induced obesity: LETM1 and CTMP. Metabolism: Clinical and Experimental, 2014, 63, 318-327.	3.4	20
50	SOCS3 and SOCS6 are required for the risperidone-mediated inhibition of insulin and leptin signaling in neuroblastoma cells. International Journal of Molecular Medicine, 2014, 33, 1364-1370.	4.0	21
51	Neuroprotection by Acetyl-11-Keto-Î²-Boswellic Acid, in Ischemic Brain Injury Involves the Nrf2/HO-1 defense Pathway. Scientific Reports, 2014, 4, 7002.	3.3	134
52	Overexpression of ryanodine receptor type 1 enhances mitochondrial fragmentation and Ca²⁺-induced ATP production in cardiac H9c2 myoblasts. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1736-H1751.	3.2	37
53	PKB-mediated PHF20 phosphorylation on Ser291 is required for p53 function in DNA damage. Cellular Signalling, 2013, 25, 74-84.	3.6	31
54	Astrocytic phosphorylation of PDK1 on Tyr9 following an excitotoxic lesion in the mouse hippocampus. Brain Research, 2013, 1533, 37-43.	2.2	10

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55	Involvement of Src and the actin cytoskeleton in the antitumorigenic action of adenosine dialdehyde. Biochemical Pharmacology, 2013, 85, 1042-1056.	4.4	19
56	Characterization of fragmented 3-phosphoinsitide-dependent protein kinase-1 (PDK1) by phosphosite-specific antibodies. Life Sciences, 2013, 93, 700-706.	4.3	7
57	PHF20 regulates NF-Î²B signalling by disrupting recruitment of PP2A to p65. Nature Communications, 2013, 4, 2062.	12.8	54
58	mTOR Inhibitors Synergize on Regression, Reversal of Gene Expression, and Autophagy in Hepatocellular Carcinoma. Science Translational Medicine, 2012, 4, 139ra84.	12.4	88
59	Carboxyl-terminal modulator protein induces apoptosis by regulating mitochondrial function in lung cancer cells. International Journal of Oncology, 2011, 40, 1515-24.	3.3	2
60	Src-mediated regulation of inflammatory responses by actin polymerization. Biochemical Pharmacology, 2010, 79, 431-443.	4.4	53
61	Suppression of Lung Tumorigenesis by Leucine Zipper/EF Handâ€“Containing Transmembrane-1. PLoS ONE, 2010, 5, e12535.	2.5	28
62	Akt Cys-310-targeted Inhibition by Hydroxylated Benzene Derivatives Is Tightly Linked to Their Immunosuppressive Effects. Journal of Biological Chemistry, 2010, 285, 9932-9948.	3.4	56
63	Molecular cloning and expression analysis of pig lymphocyte activation gene-3 (LAG-3; CD223). Veterinary Immunology and Immunopathology, 2010, 133, 72-79.	1.2	10
64	Multiple implications of 3-phosphoinositide-dependent protein kinase 1 in human cancer. World Journal of Biological Chemistry, 2010, 1, 239.	4.3	21
65	DNA-dependent Protein Kinase-mediated Phosphorylation of Protein Kinase B Requires a Specific Recognition Sequence in the C-terminal Hydrophobic Motif. Journal of Biological Chemistry, 2009, 284, 6169-6174.	3.4	56
66	Association of LETM1 and MRPL36 Contributes to the Regulation of Mitochondrial ATP Production and Necrotic Cell Death. Cancer Research, 2009, 69, 3397-3404.	0.9	77
67	Regulation of OPA1-mediated mitochondrial fusion by leucine zipper/EF-hand-containing transmembrane protein-1 plays a role in apoptosis. Cellular Signalling, 2009, 21, 767-777.	3.6	44
68	Heat shock protein 70-mediated sensitization of cells to apoptosis by Carboxyl-Terminal Modulator Protein. BMC Cell Biology, 2009, 10, 53.	3.0	11
69	Silver nanoparticles inhibit VEGF-and IL-1Î²-induced vascular permeability via Src dependent pathway in porcine retinal endothelial cells. Journal of Nanobiotechnology, 2009, 7, 8.	9.1	105
70	Protein kinase SGK1 enhances MEK/ERK complex formation through the phosphorylation of ERK2: Implication for the positive regulatory role of SGK1 on the ERK function during liver regeneration. Journal of Hepatology, 2009, 51, 67-76.	3.7	34
71	Modulatory role of phospholipase D in the activation of signal transducer and activator of transcription (STAT)-3 by thyroid oncogenic kinase RET/PTC. BMC Cancer, 2008, 8, 144.	2.6	33
72	Molecular cloning and expression analysis of pig CD79Î±. Veterinary Immunology and Immunopathology, 2008, 125, 368-374.	1.2	20

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73	Prevention of TNF-induced necrotic cell death by rottlerin through a Nox1 NADPH oxidase. Experimental and Molecular Medicine, 2008, 40, 186.	7.7	24
74	Regulation of 3-Phosphoinositide-dependent Protein Kinase-1 (PDK1) by Src Involves Tyrosine Phosphorylation of PDK1 and Src Homology 2 Domain Binding. Journal of Biological Chemistry, 2008, 283, 1480-1491.	3.4	67
75	Contribution of Natural Inhibitors to the Understanding of the PI3K/PDK1/PKB Pathway in the Insulin-mediated Intracellular Signaling Cascade. International Journal of Molecular Sciences, 2008, 9, 2217-2230.	4.1	26
76	Long-term Activation of c-Jun N-terminal Kinase through Receptor Interacting Protein is Associated with DNA Damage-induced Cell Death. Korean Journal of Physiology and Pharmacology, 2008, 12, 185.	1.2	11
77	Activation Mechanism of Protein Kinase B by DNA-dependent Protein Kinase Involved in the DNA Repair System. Toxicological Research, 2008, 24, 175-182.	2.1	4
78	Immunostimulatory activities of polysaccharides from liquid culture of pine-mushroom Tricholoma matsutake. Journal of Microbiology and Biotechnology, 2008, 18, 95-103.	2.1	29
79	Intramolecular and Intermolecular Interactions of Protein Kinase B Define Its Activation In Vivo. PLoS Biology, 2007, 5, e95.	5.6	254
80	Caspase-8 has an essential role in resveratrol-induced apoptosis of rheumatoid fibroblast-like synoviocytes. Rheumatology, 2007, 47, 301-308.	1.9	56
81	Sustained activation of protein kinase C downregulates nuclear factor-ÂB signaling by dissociation of IKK-Â and Hsp90 complex in human colonic epithelial cells. Carcinogenesis, 2007, 28, 71-80.	2.8	39
82	Molecular cloning and expression analysis of pig CD81. Veterinary Immunology and Immunopathology, 2007, 120, 254-259.	1.2	3
83	Increased SOCS6 stability with PMA requires its N-terminal region and the Erk pathway via PkcÎ´ activation. Biochemical and Biophysical Research Communications, 2007, 354, 184-189.	2.1	13
84	Lentivirus-mediated carboxyl-terminal modulator protein gene transfection via aerosol in lungs of K-ras null mice. Gene Therapy, 2007, 14, 1721-1730.	4.5	36
85	Loss of PTEN expression does not contribute to PDK-1 activity and PKC activation-loop phosphorylation in Jurkat leukaemic T cells. Cellular Signalling, 2007, 19, 2444-2457.	3.6	8
86	Intracellular network of phosphatidylinositol 3-kinase, mammalian target of the rapamycin/70 kDa ribosomal S6 kinase 1, and mitogen-activated protein kinases pathways for regulating mycobacteria-induced IL-23 expression in human macrophages. Cellular Microbiology, 2006, 8, 1158-1171.	2.1	92
87	Immunoglobulin can be functionally regulated by protein carboxylmethylation in Fc region. Archives of Pharmacal Research, 2006, 29, 384-393.	6.3	1
88	Phorbol 12-Myristate 13-Acetate Protects against Tumor Necrosis Factor (TNF)-Induced Necrotic Cell Death by Modulating the Recruitment of TNF Receptor 1-Associated Death Domain and Receptor-Interacting Protein into the TNF Receptor 1 Signaling Complex: Implication for the Regulatory Role of Protein Kinase C. Molecular Pharmacology, 2006, 70, 1099-1108.	2.3	20
89	Akt and 14-3-3Î· regulate Miz1 to control cell-cycle arrest after DNA damage. Nature Cell Biology, 2005, 7, 30-41.	10.3	76
90	Serum and Glucocorticoid-Responsive Kinase-1 Regulates Cardiomyocyte Survival and Hypertrophic Response. Circulation, 2005, 111, 1652-1659.	1.6	122

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91	Identification of a PKB/Akt Hydrophobic Motif Ser-473 Kinase as DNA-dependent Protein Kinase. Journal of Biological Chemistry, 2004, 279, 41189-41196.	3.4	421
92	Pyk2- and Src-Dependent Tyrosine Phosphorylation of PDK1 Regulates Focal Adhesions. Molecular and Cellular Biology, 2003, 23, 8019-8029.	2.3	76
93	RET/PTC (Rearranged in Transformation/Papillary Thyroid Carcinomas) Tyrosine Kinase Phosphorylates and Activates Phosphoinositide-Dependent Kinase 1 (PDK1): An Alternative Phosphatidylinositol 3-Kinase-Independent Pathway to Activate PDK1. Molecular Endocrinology, 2003, 17, 1382-1394.	3.7	50
94	PKB Binding Proteins. Cell, 2002, 111, 293-303.	28.9	492
95	Identification of Tyrosine Phosphorylation Sites on 3-Phosphoinositide-dependent Protein Kinase-1 and Their Role in Regulating Kinase Activity. Journal of Biological Chemistry, 2001, 276, 37459-37471.	3.4	108
96	Protein Kinase SGK Mediates Survival Signals by Phosphorylating the Forkhead Transcription Factor FKHRL1 (FOXO3a). Molecular and Cellular Biology, 2001, 21, 952-965.	2.3	775
97	Hyperosmotic Stress Stimulates Promoter Activity and Regulates Cellular Utilization of the Serum- and Glucocorticoid-inducible Protein Kinase (Sgk) by a p38 MAPK-dependent Pathway. Journal of Biological Chemistry, 2000, 275, 25262-25272.	3.4	139
98	Mechanism of Protein Kinase B Activation by Insulin/Insulin-Like Growth Factor-1 Revealed by Specific Inhibitors of Phosphoinositide 3-Kinaseâ€"Significance for Diabetes and Cancer. , 1999, 82, 409-425.		98
99	Serum and glucocorticoid-inducible kinase (SGK) is a target of the PI 3-kinase-stimulated signaling pathway. EMBO Journal, 1999, 18, 3024-3033.	7.8	500