

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	Protein Kinase SGK Mediates Survival Signals by Phosphorylating the Forkhead Transcription Factor FKHL1 (FOXO3a). <i>Molecular and Cellular Biology</i> , 2001, 21, 952-965.	2.3	775
2	Serum and glucocorticoid-inducible kinase (SGK) is a target of the PI 3-kinase-stimulated signaling pathway. <i>EMBO Journal</i> , 1999, 18, 3024-3033.	7.8	500
3	PKB Binding Proteins. <i>Cell</i> , 2002, 111, 293-303.	28.9	492
4	Identification of a PKB/Akt Hydrophobic Motif Ser-473 Kinase as DNA-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2004, 279, 41189-41196.	3.4	421
5	Intramolecular and Intermolecular Interactions of Protein Kinase B Define Its Activation In Vivo. <i>PLoS Biology</i> , 2007, 5, e95.	5.6	254
6	Hyperosmotic Stress Stimulates Promoter Activity and Regulates Cellular Utilization of the Serum- and Glucocorticoid-inducible Protein Kinase (Sgk) by a p38 MAPK-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2000, 275, 25262-25272.	3.4	139
7	Neuroprotection by Acetyl-11-Keto- β -Boswellic Acid, in Ischemic Brain Injury Involves the Nrf2/HO-1 defense Pathway. <i>Scientific Reports</i> , 2014, 4, 7002.	3.3	134
8	Serum and Glucocorticoid-Responsive Kinase-1 Regulates Cardiomyocyte Survival and Hypertrophic Response. <i>Circulation</i> , 2005, 111, 1652-1659.	1.6	122
9	Identification of Tyrosine Phosphorylation Sites on 3-Phosphoinositide-dependent Protein Kinase-1 and Their Role in Regulating Kinase Activity. <i>Journal of Biological Chemistry</i> , 2001, 276, 37459-37471.	3.4	108
10	Silver nanoparticles inhibit VEGF-and IL-1 β -induced vascular permeability via Src dependent pathway in porcine retinal endothelial cells. <i>Journal of Nanobiotechnology</i> , 2009, 7, 8.	9.1	105
11	Targeting Cancer Metabolism - Revisiting the Warburg Effects. <i>Toxicological Research</i> , 2016, 32, 177-193.	2.1	101
12	Autophagy induced by AXL receptor tyrosine kinase alleviates acute liver injury via inhibition of NLRP3 inflammasome activation in mice. <i>Autophagy</i> , 2016, 12, 2326-2343.	9.1	100
13	Mechanism of Protein Kinase B Activation by Insulin/Insulin-Like Growth Factor-1 Revealed by Specific Inhibitors of Phosphoinositide 3-Kinase—Significance for Diabetes and Cancer. , 1999, 82, 409-425.		98
14	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. <i>Cellular Microbiology</i> , 2006, 8, 1158-1171.	2.1	92
15	mTOR Inhibitors Synergize on Regression, Reversal of Gene Expression, and Autophagy in Hepatocellular Carcinoma. <i>Science Translational Medicine</i> , 2012, 4, 139ra84.	12.4	88
16	Association of LETM1 and MRPL36 Contributes to the Regulation of Mitochondrial ATP Production and Necrotic Cell Death. <i>Cancer Research</i> , 2009, 69, 3397-3404.	0.9	77
17	Pyk2- and Src-Dependent Tyrosine Phosphorylation of PDK1 Regulates Focal Adhesions. <i>Molecular and Cellular Biology</i> , 2003, 23, 8019-8029.	2.3	76
18	Akt and 14-3-3 β regulate Miz1 to control cell-cycle arrest after DNA damage. <i>Nature Cell Biology</i> , 2005, 7, 30-41.	10.3	76

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19	Regulation of 3-Phosphoinositide-dependent Protein Kinase-1 (PDK1) by Src Involves Tyrosine Phosphorylation of PDK1 and Src Homology 2 Domain Binding. <i>Journal of Biological Chemistry</i> , 2008, 283, 1480-1491.	3.4	67
20	Caspase-8 has an essential role in resveratrol-induced apoptosis of rheumatoid fibroblast-like synoviocytes. <i>Rheumatology</i> , 2007, 47, 301-308.	1.9	56
21	DNA-dependent Protein Kinase-mediated Phosphorylation of Protein Kinase B Requires a Specific Recognition Sequence in the C-terminal Hydrophobic Motif. <i>Journal of Biological Chemistry</i> , 2009, 284, 6169-6174.	3.4	56
22	Akt Cys-310-targeted Inhibition by Hydroxylated Benzene Derivatives Is Tightly Linked to Their Immunosuppressive Effects. <i>Journal of Biological Chemistry</i> , 2010, 285, 9932-9948.	3.4	56
23	PHF20 regulates NF- κ B signalling by disrupting recruitment of PP2A to p53. <i>Nature Communications</i> , 2013, 4, 2062.	12.8	54
24	Src-mediated regulation of inflammatory responses by actin polymerization. <i>Biochemical Pharmacology</i> , 2010, 79, 431-443.	4.4	53
25	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. <i>Molecular Endocrinology</i> , 2003, 17, 1382-1394.	3.7	50
26	LETM1 is required for mitochondrial homeostasis and cellular viability (Review). <i>Molecular Medicine Reports</i> , 2019, 19, 3367-3375.	2.4	45
27	Regulation of OPA1-mediated mitochondrial fusion by leucine zipper/EF-hand-containing transmembrane protein-1 plays a role in apoptosis. <i>Cellular Signalling</i> , 2009, 21, 767-777.	3.6	44
28	A new role for the ginsenoside RG3 in antiaging via mitochondria function in ultraviolet-irradiated human dermal fibroblasts. <i>Journal of Ginseng Research</i> , 2019, 43, 431-441.	5.7	44
29	Sustained activation of protein kinase C downregulates nuclear factor- κ B signaling by dissociation of IKK- α and Hsp90 complex in human colonic epithelial cells. <i>Carcinogenesis</i> , 2007, 28, 71-80.	2.8	39
30	PKB/Akt phosphorylation of ERR β contributes to insulin-mediated inhibition of hepatic gluconeogenesis. <i>Diabetologia</i> , 2014, 57, 2576-2585.	6.3	39
31	Overexpression of ryanodine receptor type 1 enhances mitochondrial fragmentation and Ca ²⁺ -induced ATP production in cardiac H9c2 myoblasts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1736-H1751.	3.2	37
32	Lentivirus-mediated carboxyl-terminal modulator protein gene transfection via aerosol in lungs of K-ras null mice. <i>Gene Therapy</i> , 2007, 14, 1721-1730.	4.5	36
33	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. <i>Journal of Hepatology</i> , 2009, 51, 67-76.	3.7	34
34	Modulatory role of phospholipase D in the activation of signal transducer and activator of transcription (STAT)-3 by thyroid oncogenic kinase RET/PTC. <i>BMC Cancer</i> , 2008, 8, 144.	2.6	33
35	Association of p21-activated kinase activity with aggressive tumor behavior and poor prognosis of head and neck cancer. <i>Head and Neck</i> , 2015, 37, 953-963.	2.0	32
36	Relationship Between Ginsenoside Rg3 and Metabolic Syndrome. <i>Frontiers in Pharmacology</i> , 2020, 11, 130.	3.5	32

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37	PKB-mediated PHF20 phosphorylation on Ser291 is required for p53 function in DNA damage. Cellular Signalling, 2013, 25, 74-84.	3.6	31
38	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
39	Immunostimulatory activities of polysaccharides from liquid culture of pine-mushroom Tricholoma matsutake. Journal of Microbiology and Biotechnology, 2008, 18, 95-103.	2.1	29
40	Suppression of Lung Tumorigenesis by Leucine Zipper/EF Hand-Containing Transmembrane-1. PLoS ONE, 2010, 5, e12535.	2.5	28
41	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
42	The role of the transcription factor ETV5 in insulin exocytosis. Diabetologia, 2014, 57, 383-391.	6.3	25
43	GOLGA2 loss causes fibrosis with autophagy in the mouse lung and liver. Biochemical and Biophysical Research Communications, 2018, 495, 594-600.	2.1	25
44	Prevention of TNF-induced necrotic cell death by rottlerin through a Nox1 NADPH oxidase. Experimental and Molecular Medicine, 2008, 40, 186.	7.7	24
45	Dihydroergotamine Tartrate Induces Lung Cancer Cell Death through Apoptosis and Mitophagy. Chemotherapy, 2016, 61, 304-312.	1.6	23
46	Revisiting the Warburg Effect: Diet-Based Strategies for Cancer Prevention. BioMed Research International, 2020, 2020, 1-9.	1.9	22
47	Myristoylated TMEM39AS41, a cell-permeable peptide, causes lung cancer cell death. Toxicological Research, 2020, 36, 123-130.	2.1	22
48	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
49	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
50	Mitochondrial transcription factor A (TFAM) is upregulated in glioma. Molecular Medicine Reports, 2017, 15, 3781-3786.	2.4	21
51	Multiple implications of 3-phosphoinositide-dependent protein kinase 1 in human cancer. World Journal of Biological Chemistry, 2010, 1, 239.	4.3	21
52	TMEM39A and Human Diseases: A Brief Review. Toxicological Research, 2017, 33, 205-209.	2.1	21
53	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
54	Molecular cloning and expression analysis of pig CD79 β . Veterinary Immunology and Immunopathology, 2008, 125, 368-374.	1.2	20

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55	New players in high fat diet-induced obesity: LETM1 and CTMP. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 318-327.	3.4	20
56	Anti-cancer effect of doxorubicin is mediated by downregulation of HMG-Co A reductase via inhibition of EGFR/Src pathway. <i>Laboratory Investigation</i> , 2019, 99, 1157-1172.	3.7	20
57	Involvement of Src and the actin cytoskeleton in the antitumorigenic action of adenosine dialdehyde. <i>Biochemical Pharmacology</i> , 2013, 85, 1042-1056.	4.4	19
58	Shen-Kang protects 5/6 nephrectomized rats against renal injury by reducing oxidative stress through the MAPK signaling pathways. <i>International Journal of Molecular Medicine</i> , 2015, 36, 975-984.	4.0	18
59	Anti-aging effects of <i>Piper cambodianum</i> P. Fourn. extract on normal human dermal fibroblast cells and a wound-healing model in mice. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1017-1026.	2.9	16
60	S6 kinase 1 plays a key role in mitochondrial morphology and cellular energy flow. <i>Cellular Signalling</i> , 2018, 48, 13-24.	3.6	16
61	HDAC6-selective inhibitors enhance anticancer effects of paclitaxel in ovarian cancer cells. <i>Oncology Letters</i> , 2021, 21, 201.	1.8	16
62	Î²-Lapachone alleviates alcoholic fatty liver disease in rats. <i>Cellular Signalling</i> , 2014, 26, 295-305.	3.6	14
63	Increased SOCS6 stability with PMA requires its N-terminal region and the Erk pathway via PkcÎ activation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 184-189.	2.1	13
64	Carboxyl-Terminal Modulator Protein Positively Acts as an Oncogenic Driver in Head and Neck Squamous Cell Carcinoma via Regulating Akt phosphorylation. <i>Scientific Reports</i> , 2016, 6, 28503.	3.3	13
65	Recognition of Transmembrane Protein 39A as a Tumor-Specific Marker in Brain Tumor. <i>Toxicological Research</i> , 2017, 33, 63-69.	2.1	13
66	Current Knowledge on the Function of Î±-Methyl Acyl-CoA Racemase in Human Diseases. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 153.	3.5	13
67	Long-term Activation of c-Jun N-terminal Kinase through Receptor Interacting Protein is Associated with DNA Damage-induced Cell Death. <i>Korean Journal of Physiology and Pharmacology</i> , 2008, 12, 185.	1.2	11
68	Heat shock protein 70-mediated sensitization of cells to apoptosis by Carboxyl-Terminal Modulator Protein. <i>BMC Cell Biology</i> , 2009, 10, 53.	3.0	11
69	Involvement of S6K1 in mitochondria function and structure in HeLa cells. <i>Cellular Signalling</i> , 2016, 28, 1904-1915.	3.6	11
70	Molecular cloning and expression analysis of pig lymphocyte activation gene-3 (LAG-3; CD223). <i>Veterinary Immunology and Immunopathology</i> , 2010, 133, 72-79.	1.2	10
71	Astrocytic phosphorylation of PDK1 on Tyr9 following an excitotoxic lesion in the mouse hippocampus. <i>Brain Research</i> , 2013, 1533, 37-43.	2.2	10
72	PHF20 positively regulates osteoblast differentiation via increasing the expression and activation of Runx2 with enrichment of H3K4me3. <i>Scientific Reports</i> , 2017, 7, 8060.	3.3	10

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73	Identification of genes and pathways potentially related to PHF20 by gene expression profile analysis of glioblastoma U87 cell line. <i>Cancer Cell International</i> , 2017, 17, 87.	4.1	9
74	Emerging roles of TRIO and F-actin-binding protein in human diseases. <i>Cell Communication and Signaling</i> , 2018, 16, 29.	6.5	9
75	Coupling of LETM1 up-regulation with oxidative phosphorylation and platelet-derived growth factor receptor signaling via YAP1 transactivation. <i>Oncotarget</i> , 2016, 7, 66728-66739.	1.8	9
76	Loss of PTEN expression does not contribute to PDK-1 activity and PKC activation-loop phosphorylation in Jurkat leukaemic T cells. <i>Cellular Signalling</i> , 2007, 19, 2444-2457.	3.6	8
77	Characterization of fragmented 3-phosphoinositide-dependent protein kinase-1 (PDK1) by phosphosite-specific antibodies. <i>Life Sciences</i> , 2013, 93, 700-706.	4.3	7
78	Expression of PGC1 α in glioblastoma multiforme patients. <i>Oncology Letters</i> , 2017, 13, 4055-4076.	1.8	7
79	Identification of AMPK activator from twelve pure compounds isolated from <i>Aralia Taibaiensis</i> : implication in antihyperglycemic and hypolipidemic activities. <i>Korean Journal of Physiology and Pharmacology</i> , 2017, 21, 279.	1.2	7
80	Alpha-Methylacyl-CoA Racemase (AMACR), a Potential New Biomarker for Glioblastoma. <i>Frontiers in Oncology</i> , 2020, 10, 550673.	2.8	7
81	1,2-Dichloropropane (1,2-DCP)-Induced Angiogenesis in Dermatitis. <i>Toxicological Research</i> , 2019, 35, 361-369.	2.1	7
82	The potential inhibitory effect of ginsenoside Rh2 on mitophagy in UV-irradiated human dermal fibroblasts. <i>Journal of Ginseng Research</i> , 2022, 46, 646-656.	5.7	7
83	Emerging role of LETM1/GRP78 axis in lung cancer. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	7
84	FCHO1560 α ~571 peptide, a PKB kinase motif, inhibits tumor progression. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 478-484.	2.1	6
85	Yin Yang 1 is required for PHD finger protein 20-mediated myogenic differentiation in vitro and in vivo. <i>Cell Death and Differentiation</i> , 2020, 27, 3321-3336.	11.2	5
86	Beneficial effects of <i>Diplectria barbata</i> (Wall. Ex C. B. Clarke) Franken et Roos extract on aging and antioxidants in vitro and in vivo. <i>Toxicological Research</i> , 2021, 37, 71-83.	2.1	5
87	Astrocytic Expression of CTMP Following an Excitotoxic Lesion in the Mouse Hippocampus. <i>Experimental Neurobiology</i> , 2017, 26, 25-32.	1.6	4
88	Anti-Tumor Effects of Sodium Meta-Arsenite in Glioblastoma Cells with Higher Akt Activities. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8982.	4.1	4
89	Activation Mechanism of Protein Kinase B by DNA-dependent Protein Kinase Involved in the DNA Repair System. <i>Toxicological Research</i> , 2008, 24, 175-182.	2.1	4
90	Scavenger receptor class F member 2 (SCARF2) as a novel therapeutic target in glioblastoma. <i>Toxicological Research</i> , 2022, 38, 249-256.	2.1	4

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91	Molecular cloning and expression analysis of pig CD81. <i>Veterinary Immunology and Immunopathology</i> , 2007, 120, 254-259.	1.2	3
92	Alpha 1-antitrypsin activates lung cancer cell survival by acting on cap-dependent protein translation, vesicle-mediated transport, and metastasis. <i>Oncotarget</i> , 2016, .	1.8	3
93	Alteration of Phospholipids during the Mitophagic Process in Lung Cancer Cells. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1790-1799.	2.1	3
94	Carboxyl-terminal modulator protein induces apoptosis by regulating mitochondrial function in lung cancer cells. <i>International Journal of Oncology</i> , 2011, 40, 1515-24.	3.3	2
95	The roles of TRIO and F-actin-binding protein in glioblastoma cells. <i>Molecular Medicine Reports</i> , 2018, 17, 4540-4546.	2.4	2
96	Phosphodiesterase 11A (PDE11A), a potential biomarker for glioblastoma. <i>Toxicological Research</i> , 2022, 38, 409-415.	2.1	2
97	Immunoglobulin can be functionally regulated by protein carboxymethylation in Fc region. <i>Archives of Pharmacal Research</i> , 2006, 29, 384-393.	6.3	1
98	FCH domain only 1 (FCHo1), a potential new biomarker for lung cancer. <i>Cancer Gene Therapy</i> , 2021, , .	4.6	1
99	Modulation of PI3K/PTEN Pathway Does Not Affect Catalytic Activity of PDK1 in Jurkat Cells. , 2017, 37, 5415-5423.		0