

Ik-Soon Jang

List of Publications by Year in descending order

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66
papers

1,932
citations

236612

25
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276539

41
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all docs

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docs citations

66
times ranked

3764
citing authors

#	ARTICLE	IF	CITATIONS
1	A planar split-ring resonator-based microwave biosensor for label-free detection of biomolecules. <i>Sensors and Actuators B: Chemical</i> , 2012, 169, 26-31.	4.0	192
2	<i>Cordyceps militaris</i> induces apoptosis in ovarian cancer cells through TNF- α /TNFR1-mediated inhibition of NF- κ B phosphorylation. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 1.	1.2	153
3	Protein Tyrosine Phosphatases as Potential Regulators of STAT3 Signaling. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2708.	1.8	124
4	Senescent Phenotype Can Be Reversed by Reduction of Caveolin Status. <i>Journal of Biological Chemistry</i> , 2003, 278, 27789-27795.	1.6	107
5	AMPK contributes to autophagosome maturation and lysosomal fusion. <i>Scientific Reports</i> , 2018, 8, 12637.	1.6	97
6	Effect of Micro/Nano Silica Particle Feeding for Mice. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 5367-5371.	0.9	74
7	Mountain Ginseng Extract Exhibits Anti-Lung Cancer Activity by Inhibiting the Nuclear Translocation of NF- κ B. <i>The American Journal of Chinese Medicine</i> , 2012, 40, 187-202.	1.5	56
8	The expression of damage-regulated autophagy modulator 2 (DRAM2) contributes to autophagy induction. <i>Molecular Biology Reports</i> , 2012, 39, 1087-1093.	1.0	50
9	Agonist-specific differential changes of cellular signal transduction pathways in senescent human diploid fibroblasts. <i>Experimental Gerontology</i> , 2002, 37, 871-883.	1.2	48
10	<i>Lactobacillus casei</i> Extract Induces Apoptosis in Gastric Cancer by Inhibiting NF- κ B and mTOR-Mediated Signaling. <i>Integrative Cancer Therapies</i> , 2013, 12, 165-173.	0.8	43
11	Cordycepin induces apoptosis by caveolin-1-mediated JNK regulation of Foxo3a in human lung adenocarcinoma. <i>Oncotarget</i> , 2017, 8, 12211-12224.	0.8	41
12	Activation of AMP-activated protein kinase stimulates the nuclear localization of glyceraldehyde 3-phosphate dehydrogenase in human diploid fibroblasts. <i>Experimental and Molecular Medicine</i> , 2010, 42, 254.	3.2	37
13	Alpinumisoflavone Induces Apoptosis and Suppresses Extracellular Signal-Regulated Kinases/Mitogen Activated Protein Kinase and Nuclear Factor- κ B Pathways in Lung Tumor Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 203-208.	0.6	37
14	Ageing-associated increase of gelsolin for apoptosis resistance. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 1335-1341.	1.0	35
15	IRF-2 regulates NF- κ B activity by modulating the subcellular localization of NF- κ B. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 519-524.	1.0	35
16	Caveolin-mediated entry of <i>Salmonella typhimurium</i> into senescent nonphagocytotic host cells. <i>Aging Cell</i> , 2010, 9, 243-251.	3.0	34
17	Targeted disruption of TC-PTP in the proliferative compartment augments STAT3 and AKT signaling and skin tumor development. <i>Scientific Reports</i> , 2017, 7, 45077.	1.6	34
18	BTNET : boosted tree based gene regulatory network inference algorithm using time-course measurement data. <i>BMC Systems Biology</i> , 2018, 12, 20.	3.0	33

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19	Terpenylated Coumarins As SIRT1 Activators Isolated from <i>Ailanthus altissima</i> . Journal of Natural Products, 2012, 75, 1332-1338.	1.5	32
20	Cordycepin induces apoptosis of human ovarian cancer cells by inhibiting CCL5-mediated Akt/NF- κ B signaling pathway. Cell Death Discovery, 2018, 4, 62.	2.0	32
21	Reduced expression of DRAM2/TMEM77 in tumor cells interferes with cell death. Biochemical and Biophysical Research Communications, 2009, 390, 1340-1344.	1.0	31
22	Antidepressant-Like Effects of <i>Gyejibokryeong-hwan</i> in a Mouse Model of Reserpine-Induced Depression. BioMed Research International, 2018, 2018, 1-12.	0.9	29
23	Differential Expression of Extracellular Matrix Proteins in Senescent and Young Human Fibroblasts: a Comparative Proteomics and Microarray Study. Molecules and Cells, 2011, 32, 99-106.	1.0	26
24	Degradation of Kidney and Psoas Muscle Proteins as Indicators of Post-Mortem Interval in a Rat Model, with Use of Lateral Flow Technology. PLoS ONE, 2016, 11, e0160557.	1.1	26
25	Modified Panax ginseng extract regulates autophagy by AMPK signaling in A549 human lung cancer cells. Oncology Reports, 2017, 37, 3287-3296.	1.2	26
26	Antineuroinflammatory and Neuroprotective Effects of Gyejibokryeong-Hwan in Lipopolysaccharide-Stimulated BV2 Microglia. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-14.	0.5	26
27	Crucial Role of TSC-22 in Preventing the Proteasomal Degradation of p53 in Cervical Cancer. PLoS ONE, 2012, 7, e42006.	1.1	26
28	Comparative Proteomic Analysis of Human Somatic Cells, Induced Pluripotent Stem Cells, and Embryonic Stem Cells. Stem Cells and Development, 2012, 21, 1272-1286.	1.1	24
29	Proteomic and bioinformatic analysis of membrane proteome in type 2 diabetic mouse liver. Proteomics, 2013, 13, 1164-1179.	1.3	23
30	Antidepressant and Anti-Neuroinflammatory Effects of Bangpungtongsung-San. Frontiers in Pharmacology, 2020, 11, 958.	1.6	23
31	Nectandrin B-mediated activation of the AMPK pathway prevents cellular senescence in human diploid fibroblasts by reducing intracellular ROS levels. Aging, 2019, 11, 3731-3749.	1.4	23
32	Cordycepin promotes apoptosis in renal carcinoma cells by activating the MKK7-JNK signaling pathway through inhibition of c-FLIPL expression. PLoS ONE, 2017, 12, e0186489.	1.1	22
33	Stereoisomer-specific ginsenoside 20(S)-Rg3 reverses replicative senescence of human diploid fibroblasts via Akt-mTOR-Sirtuin signaling. Journal of Ginseng Research, 2020, 44, 341-349.	3.0	22
34	Tetraspanin β 2 promotes glucotoxic apoptosis by regulating the JNK/ β -catenin signaling pathway in human pancreatic β cells. FASEB Journal, 2016, 30, 3107-3116.	0.2	20
35	Modulation of Insulin Sensitivity and Caveolin-1 Expression by Orchidectomy in a Nonobese Type 2 Diabetes Animal Model. Molecular Medicine, 2011, 17, 4-11.	1.9	18
36	Roles of interferon γ and its target genes in schizophrenia: Proteomics-based reverse genetics from mouse to human. Proteomics, 2012, 12, 1815-1829.	1.3	17

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37	Cordycepin promotes apoptosis by modulating the ERK-JNK signaling pathway via DUSP5 in renal cancer cells. <i>American Journal of Cancer Research</i> , 2016, 6, 1758-71.	1.4	16
38	Meridianin C inhibits the growth of YD410B human tongue cancer cells through macropinocytosis and the down-regulation of Dickkopf-related protein-3. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5833-5846.	1.6	15
39	Cordycepin induces human lung cancer cell apoptosis by inhibiting nitric oxide mediated ERK/Slug signaling pathway. <i>American Journal of Cancer Research</i> , 2017, 7, 417-432.	1.4	15
40	Altered cAMP signaling induced by lysophosphatidic acid in senescent human diploid fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 778-784.	1.0	13
41	Role of protein kinase C-dependent A-kinase anchoring proteins in lysophosphatidic acid-induced cAMP signaling in human diploid fibroblasts. <i>Aging Cell</i> , 2006, 5, 451-461.	3.0	13
42	Lysophosphatidic acid-induced changes in cAMP profiles in young and senescent human fibroblasts as a clue to the ageing process. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 481-489.	2.2	13
43	<i>Cordyceps militaris</i> Exerts Anticancer Effect on Non-Small Cell Lung Cancer by Inhibiting Hedgehog Signaling via Suppression of TCTN3. <i>Integrative Cancer Therapies</i> , 2020, 19, 153473542092375.	0.8	13
44	ATG5 Expression Induced by MDMA (Ecstasy), Interferes with Neuronal Differentiation of Neuroblastoma Cells. <i>Molecules and Cells</i> , 2009, 27, 571-576.	1.0	12
45	SUMOylated IRF-1 shows oncogenic potential by mimicking IRF-2. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 926-930.	1.0	12
46	Activation of Wound Healing in Aged Rats by Altering the Cellular Mitogenic Potential. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 704-711.	1.7	12
47	Lysophosphatidic Acid and Adenylyl Cyclase Inhibitor Increase Proliferation of Senescent Human Diploid Fibroblasts by Inhibiting Adenosine Monophosphate-Activated Protein Kinase. <i>Rejuvenation Research</i> , 2008, 11, 781-792.	0.9	11
48	Epidermal-specific deletion of TC-PTP promotes UVB-induced epidermal cell survival through the regulation of Flk-1/JNK signaling. <i>Cell Death and Disease</i> , 2018, 9, 730.	2.7	11
49	Thymidine-dependent attenuation of the mitochondrial apoptotic pathway in adenosine-induced apoptosis of HL-60 cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2001, 127, 570-576.	1.2	10
50	Systemic immunity of obese-diabetes model (db/db) mice. <i>Molecular and Cellular Toxicology</i> , 2010, 6, 143-149.	0.8	10
51	Monitoring of post-mortem changes of saliva N-glycosylation by nano LC/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 45-56.	1.9	9
52	AMP-activated protein kinase regulates the expression of human telomerase reverse transcriptase. <i>PLoS ONE</i> , 2018, 13, e0207864.	1.1	8
53	Overexpression of TC-PTP in murine epidermis attenuates skin tumor formation. <i>Oncogene</i> , 2020, 39, 4241-4256.	2.6	8
54	Cordycepin inhibits human ovarian cancer by inducing autophagy and apoptosis through Dickkopf-related protein 1/ β -catenin signaling. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 6890-6906.	0.0	8

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55	Medium chain unsaturated fatty acid ethyl esters inhibit persister formation of Escherichia coli via antitoxin HipB. Applied Microbiology and Biotechnology, 2018, 102, 8511-8524.	1.7	7
56	Proteomic analyses reveal that ginsenoside Rg3(S) partially reverses cellular senescence in human dermal fibroblasts by inducing peroxiredoxin. Journal of Ginseng Research, 2020, 44, 50-57.	3.0	7
57	Isoform-specific changes of adenylate cyclase mRNA expression in rat brains following chronic electroconvulsive shock. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2001, 25, 1571-1581.	2.5	6
58	LNX1 contributes to tumor growth by down-regulating p53 stability. FASEB Journal, 2019, 33, 13216-13227.	0.2	6
59	Time-dependent differential gene expression in lysophosphatidic acid-treated young and senescent human diploid fibroblasts. Mechanisms of Ageing and Development, 2009, 130, 648-651.	2.2	4
60	Cordyceps militaris Extract Inhibits the NF- κ B pathway and Induces Apoptosis through MKK7-JNK Signaling Activation in TK-10 Human Renal Cell Carcinoma. Natural Product Communications, 2018, 13, 1934578X1801300.	0.2	4
61	Modified Ginseng Extract Induces Apoptosis in HepG2 Cancer Cells by Blocking the CXCL8-Mediated Akt/Nuclear Factor- κ B Signaling Pathway. The American Journal of Chinese Medicine, 2018, 46, 1645-1662.	1.5	4
62	Quantitative Analyses of the Functional Constituents in SanYangSam and SanYangSanSam. Journal of Pharmacopuncture, 2017, 20, 274-279.	0.4	4
63	Elevated level of human RPA interacting protein $\hat{\pm}$ (hRIP $\hat{\pm}$) in cervical tumor cells is involved in cell proliferation through regulating RPA transport. FEBS Letters, 2012, 586, 3753-3760.	1.3	3
64	Non-Synonymous SNP in theApoRGene Associated with Pork Meat Quality. Bioscience, Biotechnology and Biochemistry, 2011, 75, 2018-2020.	0.6	1
65	Systemic immune modulation induced by alcoholic beverage intake in obese-diabetes (db/db) mice. Food and Chemical Toxicology, 2013, 53, 286-293.	1.8	1
66	<i>Cordyceps militaris</i> Exerts Antitumor Effect on Carboplatin-Resistant Ovarian Cancer via Activation of ATF3/TP53 Signaling In Vitro and In Vivo. Natural Product Communications, 2020, 15, 1934578X2090255.	0.2	0