

Joohun Ha

List of Publications by Year in descending order

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67
papers

4,123
citations

186265

28
h-index

114465

63
g-index

80
all docs

80
docs citations

80
times ranked

7100
citing authors

#	ARTICLE	IF	CITATIONS
1	AMPK activators: mechanisms of action and physiological activities. <i>Experimental and Molecular Medicine</i> , 2016, 48, e224-e224.	7.7	522
2	The Regulation of AMP-Activated Protein Kinase by H ₂ O ₂ . <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 92-97.	2.1	269
3	Apoptotic effect of EGCG in HT-29 colon cancer cells via AMPK signal pathway. <i>Cancer Letters</i> , 2007, 247, 115-121.	7.2	255
4	AMP-activated Protein Kinase Activity Is Critical for Hypoxia-inducible Factor-1 Transcriptional Activity and Its Target Gene Expression under Hypoxic Conditions in DU145 Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 39653-39661.	3.4	223
5	Reactive oxygen species stabilize hypoxia-inducible factor-1 alpha protein and stimulate transcriptional activity via AMP-activated protein kinase in DU145 human prostate cancer cells. <i>Carcinogenesis</i> , 2008, 29, 713-721.	2.8	210
6	AMPK and autophagy in glucose/glycogen metabolism. <i>Molecular Aspects of Medicine</i> , 2015, 46, 46-62.	6.4	175
7	Combination of 5-fluorouracil and genistein induces apoptosis synergistically in chemo-resistant cancer cells through the modulation of AMPK and COX-2 signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 433-440.	2.1	172
8	Anti-obesity effects of ginsenoside Rh2 are associated with the activation of AMPK signaling pathway in 3T3-L1 adipocyte. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 1002-1008.	2.1	162
9	Glucose Deprivation Increases mRNA Stability of Vascular Endothelial Growth Factor through Activation of AMP-activated Protein Kinase in DU145 Prostate Carcinoma. <i>Journal of Biological Chemistry</i> , 2005, 280, 9963-9972.	3.4	135
10	AMP-activated protein kinase mediates the antioxidant effects of resveratrol through regulation of the transcription factor FoxO1. <i>FEBS Journal</i> , 2014, 281, 4421-4438.	4.7	127
11	Fenofibrate regulates retinal endothelial cell survival through the AMPK signal transduction pathway. <i>Experimental Eye Research</i> , 2007, 84, 886-893.	2.6	107
12	Mitochondrial ROS-derived PTEN oxidation activates PI3K pathway for mTOR-induced myogenic autophagy. <i>Cell Death and Differentiation</i> , 2018, 25, 1921-1937.	11.2	106
13	Antidiabetes and Antiobesity Effect of Cryptotanshinone via Activation of AMP-Activated Protein Kinase. <i>Molecular Pharmacology</i> , 2007, 72, 62-72.	2.3	101
14	Selenium Regulates Cyclooxygenase-2 and Extracellular Signal-Regulated Kinase Signaling Pathways by Activating AMP-Activated Protein Kinase in Colon Cancer Cells. <i>Cancer Research</i> , 2006, 66, 10057-10063.	0.9	94
15	Oleamide suppresses lipopolysaccharide-induced expression of iNOS and COX-2 through inhibition of NF- κ B activation in BV2 murine microglial cells. <i>Neuroscience Letters</i> , 2010, 474, 148-153.	2.1	89
16	Cryptotanshinone induces ER stress-mediated apoptosis in HepG2 and MCF7 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 248-257.	4.9	77
17	Cryptotanshinone sensitizes DU145 prostate cancer cells to Fas(APO1/CD95)-mediated apoptosis through Bcl-2 and MAPK regulation. <i>Cancer Letters</i> , 2010, 298, 88-98.	7.2	75
18	Quercetin enhances hypoxia-mediated apoptosis via direct inhibition of AMPK activity in HCT116 colon cancer. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 938-949.	4.9	72

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19	No Significant Correlation Exists Between Core Promoter Mutations, Viral Replication, and Liver Damage in Chronic Hepatitis B Infection. <i>Hepatology</i> , 2000, 32, 1154-1162.	7.3	68
20	Inhibition of AMP-activated Protein Kinase Sensitizes Cancer Cells to Cisplatin-induced Apoptosis via Hyper-induction of p53. <i>Journal of Biological Chemistry</i> , 2008, 283, 3731-3742.	3.4	68
21	Cryptotanshinone induces G1 cell cycle arrest and autophagic cell death by activating the AMP-activated protein kinase signal pathway in HepG2 hepatoma. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 615-628.	4.9	68
22	AMP-activated protein kinase activity is required for vanadate-induced hypoxia-inducible factor 1 α expression in DU145 cells. <i>Carcinogenesis</i> , 2004, 25, 2497-2507.	2.8	56
23	AMP-activated Protein Kinase Antagonizes Pro-apoptotic Extracellular Signal-regulated Kinase Activation by Inducing Dual-specificity Protein Phosphatases in Response to Glucose Deprivation in HCT116 Carcinoma. <i>Journal of Biological Chemistry</i> , 2010, 285, 14617-14627.	3.4	49
24	AMP-activated protein kinase determines apoptotic sensitivity of cancer cells to ginsenoside-Rh2. <i>Journal of Ginseng Research</i> , 2014, 38, 16-21.	5.7	44
25	AMP kinase signaling determines whether c-Jun N-terminal kinase promotes survival or apoptosis during glucose deprivation. <i>Carcinogenesis</i> , 2009, 30, 529-537.	2.8	38
26	Cyclophilin A regulates JNK/p38-MAPK signaling through its physical interaction with ASK1. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 112-117.	2.1	35
27	Recent Advances in Ovarian Cancer: Therapeutic Strategies, Potential Biomarkers, and Technological Improvements. <i>Cells</i> , 2022, 11, 650.	4.1	34
28	An 8-gene signature for prediction of prognosis and chemoresponse in non-small cell lung cancer. <i>Oncotarget</i> , 2016, 7, 86561-86572.	1.8	32
29	Critical roles of AMP-activated protein kinase in the carcinogenic metal-induced expression of VEGF and HIF-1 proteins in DU145 prostate carcinoma. <i>Biochemical Pharmacology</i> , 2006, 72, 91-103.	4.4	31
30	Novel pharmacological modulators of autophagy: an updated patent review (2012-2015). <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 1273-1289.	5.0	30
31	CRC-113 gene expression signature for predicting prognosis in patients with colorectal cancer. <i>Oncotarget</i> , 2015, 6, 31674-31692.	1.8	30
32	AMP-activated protein kinase modulators: a patent review (2006 – 2010). <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 983-1005.	5.0	26
33	Inhibition of Carbonyl Reductase 1 Safely Improves the Efficacy of Doxorubicin in Breast Cancer Treatment. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 70-83.	5.4	26
34	The Prognostic 97 Chemoresponse Gene Signature in Ovarian Cancer. <i>Scientific Reports</i> , 2017, 7, 9689.	3.3	26
35	Melatonin prevents doxorubicin-induced cardiotoxicity through suppression of AMPK α 2-dependent mitochondrial damage. <i>Experimental and Molecular Medicine</i> , 2020, 52, 2055-2068.	7.7	26
36	Down-regulation of AMP-activated protein kinase sensitizes DU145 carcinoma to Fas-induced apoptosis via c-FLIP degradation. <i>Experimental Cell Research</i> , 2009, 315, 2433-2441.	2.6	25

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37	Melatonin and doxorubicin synergistically enhance apoptosis via autophagy-dependent reduction of AMPK β 1 transcription in human breast cancer cells. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1413-1422.	7.7	24
38	Activation of the β -AMP-Activated Protein Kinase in the Cerebral Cortex of Young Senescence-Accelerated P8 Mice and Association with GSK3 β - and PP2A-Dependent Inhibition of p-tau396 Expression. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 249-259.	2.6	23
39	Anti-obesity effects of 3-hydroxychromone derivative, a novel small-molecule inhibitor of glycogen synthase kinase-3. <i>Biochemical Pharmacology</i> , 2013, 85, 965-976.	4.4	22
40	Cyclophilin B induces chemoresistance by degrading wild-type p53 via interaction with MDM2 in colorectal cancer. <i>Journal of Pathology</i> , 2018, 246, 115-126.	4.5	21
41	AMP-activated Protein Kinase β 2 and E2F1 Transcription Factor Mediate Doxorubicin-induced Cytotoxicity by Forming a Positive Signal Loop in Mouse Embryonic Fibroblasts and Non-carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 4839-4852.	3.4	20
42	Krill Oil Supplementation Improves Dyslipidemia and Lowers Body Weight in Mice Fed a High-Fat Diet Through Activation of AMP-Activated Protein Kinase. <i>Journal of Medicinal Food</i> , 2016, 19, 1120-1129.	1.5	19
43	Liver-targeted cyclosporine A-encapsulated poly (lactic-co-glycolic) acid nanoparticles inhibit hepatitis C virus replication. <i>International Journal of Nanomedicine</i> , 2015, 10, 903.	6.7	18
44	AMP-activated protein kinase mediates T cell activation-induced expression of FasL and COX-2 via protein kinase C theta-dependent pathway in human Jurkat T leukemia cells. <i>Cellular Signalling</i> , 2012, 24, 1195-1207.	3.6	17
45	Structure-Based Discovery of Novel Cyclophilin A Inhibitors for the Treatment of Hepatitis C Virus Infections. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 9546-9561.	6.4	16
46	Tetrabromobisphenol A induces cellular damages in pancreatic β -cells in vitro. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 624-631.	1.7	16
47	Mannan-binding lectin (MBL)-associated plasma protein present in human urine inhibits calcium oxalate crystal growth. <i>FEBS Letters</i> , 1999, 462, 89-93.	2.8	15
48	Neurotoxin β -N-methylamino-L-alanine induces endoplasmic reticulum stress-mediated neuronal apoptosis. <i>Molecular Medicine Reports</i> , 2016, 14, 4873-4880.	2.4	15
49	Targeting of AMP-activated protein kinase: prospects for computer-aided drug design. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 47-59.	5.0	14
50	Prognostic value of a 92-probe signature in breast cancer. <i>Oncotarget</i> , 2015, 6, 15662-15680.	1.8	14
51	Hydrogen-rich medium protects mouse embryonic fibroblasts from oxidative stress by activating LKB1-AMPK-FoxO1 signal pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 733-739.	2.1	13
52	p53 negatively regulates Pin1 expression under ER stress. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 518-523.	2.1	12
53	Cyclophilin B protects SH-SY5Y human neuroblastoma cells against MPP + -induced neurotoxicity via JNK pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1396-1402.	2.1	12
54	Exposure to tetrabromobisphenol A induces cellular dysfunction in osteoblastic MC3T3-E1 cells. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 561-570.	1.7	12

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55	Antioxidant activity is required for the protective effects of cyclophilin A against oxidative stress. <i>Molecular Medicine Reports</i> , 2015, 12, 712-718.	2.4	11
56	Screening methods for AMP-activated protein kinase modulators: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 261-277.	5.0	11
57	Alpha-naphthoflavone induces apoptosis through endoplasmic reticulum stress via c-Src-, ROS-, MAPKs-, and arylhydrocarbon receptor-dependent pathways in HT22 hippocampal neuronal cells. <i>NeuroToxicology</i> , 2019, 71, 39-51.	3.0	11
58	Intravitreal Injection of AAV Expressing Soluble VEGF Receptor-1 Variant Induces Anti-VEGF Activity and Suppresses Choroidal Neovascularization. , 2018, 59, 5398.		10
59	Role of AMPK in the Regulation of Cellular Energy Metabolism. <i>Journal of Korean Endocrine Society</i> , 2010, 25, 9.	0.1	9
60	Jeju Magma-Seawater Inhibits α -MSH-Induced Melanogenesis via CaMKK β -AMPK Signaling Pathways in B16F10 Melanoma Cells. <i>Marine Drugs</i> , 2020, 18, 473.	4.6	8
61	Anti-obesity Effect of Fermented Persimmon Extracts & Activation of AMP-Activated Protein Kinase. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 440-449.	1.4	8
62	A Small Molecule, 4-Phenylbutyric Acid, Suppresses HCV Replication via Epigenetically Induced Hepatic Hepcidin. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5516.	4.1	7
63	Xanthohumol ameliorates 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cellular toxicity in cultured MC3T3-E1 osteoblastic cells. <i>Journal of Applied Toxicology</i> , 2018, 38, 1036-1046.	2.8	5
64	Honokiol inhibits hepatoma carcinoma cell migration through downregulated Cyclophilin B expression. <i>Biochemical and Biophysical Research Communications</i> , 2021, 552, 44-51.	2.1	4
65	Transient activation of AMP-activated protein kinase at G1/S phase transition is required for control of S phase in NIH3T3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 367-373.	2.1	2
66	AMP-activated protein kinase suppresses apoptosis via feedback inhibition of c-Jun N-terminal kinase in glucose-deprived cancer cells. <i>FASEB Journal</i> , 2006, 20, .	0.5	0
67	Inhibition of AMP-activated protein kinase sensitizes tumor cells to cisplatin-induced apoptosis. <i>FASEB Journal</i> , 2006, 20, A505.	0.5	0