

Keon Wook Kang

List of Publications by Year in descending order

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78
papers

2,603
citations

218677

26
h-index

197818

49
g-index

81
all docs

81
docs citations

81
times ranked

4334
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanism of Nrf2 Activation by Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1664-1673.	5.4	327
2	Phosphatidylinositol 3-Kinase Regulates Nuclear Translocation of NF-E2-Related Factor 2 through Actin Rearrangement in Response to Oxidative Stress. <i>Molecular Pharmacology</i> , 2002, 62, 1001-1010.	2.3	252
3	Uric acid induces endothelial dysfunction by vascular insulin resistance associated with the impairment of nitric oxide synthesis. <i>FASEB Journal</i> , 2014, 28, 3197-3204.	0.5	164
4	Doxorubicin-loaded solid lipid nanoparticles to overcome multidrug resistance in cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 210-213.	3.3	115
5	Essential Role of Phosphatidylinositol 3-Kinase-Dependent CCAAT/Enhancer Binding Protein β Activation in the Induction of Glutathione S-Transferase by Oltipraz. <i>Journal of the National Cancer Institute</i> , 2003, 95, 53-66.	6.3	99
6	Peroxynitrite activates NF-E2-related factor 2/antioxidant response element through the pathway of phosphatidylinositol 3-kinase: The role of nitric oxide synthase in rat glutathione S-transferase A2 induction. <i>Nitric Oxide - Biology and Chemistry</i> , 2002, 7, 244-253.	2.7	90
7	HepG2 cells as an in vitro model for evaluation of cytochrome P450 induction by xenobiotics. <i>Archives of Pharmacal Research</i> , 2015, 38, 691-704.	6.3	83
8	Oltipraz regenerates cirrhotic liver through CCAAT/enhancer binding protein β -mediated stellate cell inactivation. <i>FASEB Journal</i> , 2002, 16, 1988-1990.	0.5	80
9	Gl α 12 overexpression induced by miR-16 dysregulation contributes to liver fibrosis by promoting autophagy in hepatic stellate cells. <i>Journal of Hepatology</i> , 2018, 68, 493-504.	3.7	77
10	Ginsenoside Rg3 increases nitric oxide production via increases in phosphorylation and expression of endothelial nitric oxide synthase: Essential roles of estrogen receptor-dependent PI3-kinase and AMP-activated protein kinase. <i>Toxicology and Applied Pharmacology</i> , 2010, 246, 171-183.	2.8	67
11	Essential role of Notch4/STAT3 signaling in epithelial \rightarrow mesenchymal transition of tamoxifen-resistant human breast cancer. <i>Cancer Letters</i> , 2017, 390, 115-125.	7.2	64
12	Thrombin Induces Nitric-oxide Synthase via Gl α 12/13-coupled Protein Kinase C-dependent I β B β Phosphorylation and JNK-mediated I β B β Degradation. <i>Journal of Biological Chemistry</i> , 2003, 278, 17368-17378.	3.4	54
13	Age-related changes in hepatic expression and activity of cytochrome P450 in male rats. <i>Archives of Toxicology</i> , 2010, 84, 939-946.	4.2	52
14	Eupatilin induces Sestrin2-dependent autophagy to prevent oxidative stress. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 642-656.	4.9	49
15	Therapeutic application of GPR119 ligands in metabolic disorders. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 257-269.	4.4	48
16	Essential Role of Polo-like Kinase 1 (Plk1) Oncogene in Tumor Growth and Metastasis of Tamoxifen-Resistant Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 825-837.	4.1	46
17	Pin1 induction in the fibrotic liver and its roles in TGF- β 1 expression and Smad2/3 phosphorylation. <i>Journal of Hepatology</i> , 2014, 60, 1235-1241.	3.7	45
18	Inhibition of tumor growth and angiogenesis of tamoxifen-resistant breast cancer cells by ruxolitinib, a selective JAK2 inhibitor. <i>Oncology Letters</i> , 2019, 17, 3981-3989.	1.8	41

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19	Oleanane triterpenes as protein tyrosine phosphatase 1B (PTP1B) inhibitors from <i>Camellia japonica</i> . <i>Phytochemistry</i> , 2014, 103, 99-106.	2.9	40
20	GPR119: a promising target for nonalcoholic fatty liver disease. <i>FASEB Journal</i> , 2016, 30, 324-335.	0.5	38
21	Involvement of the P2X7 receptor in the migration and metastasis of tamoxifen-resistant breast cancer: effects on small extracellular vesicles production. <i>Scientific Reports</i> , 2019, 9, 11587.	3.3	37
22	Activation of CCAAT/enhancer-binding protein beta by 2'-amino-3'-methoxyflavone (PD98059) leads to the induction of glutathione S-transferase A2. <i>Carcinogenesis</i> , 2003, 24, 475-482.	2.8	34
23	Downregulation of PHGDH expression and hepatic serine level contribute to the development of fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2020, 102, 154000.	3.4	31
24	The enhanced anti-cancer effect of hexenyl ester of 5-aminolaevulinic acid photodynamic therapy in adriamycin-resistant compared to non-resistant breast cancer cells. <i>Lasers in Surgery and Medicine</i> , 2012, 44, 76-86.	2.1	29
25	Aromatase induction in tamoxifen-resistant breast cancer: Role of phosphoinositide 3-kinase-dependent CREB activation. <i>Cancer Letters</i> , 2014, 351, 91-99.	7.2	28
26	Submicromolar bisphenol A induces proliferation and DNA damage in human hepatocyte cell lines in vitro and in juvenile rats in vivo. <i>Food and Chemical Toxicology</i> , 2018, 111, 125-132.	3.6	28
27	p53 Modulates Notch Signaling in MCF-7 Breast Cancer Cells by Associating With the Notch Transcriptional Complex Via MAML1. <i>Journal of Cellular Physiology</i> , 2015, 230, 3115-3127.	4.1	27
28	Estrogen Deficiency Potentiates Thioacetamide-Induced Hepatic Fibrosis in Sprague-Dawley Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3709.	4.1	26
29	Phosphatidylserine receptor-targeting therapies for the treatment of cancer. <i>Archives of Pharmacal Research</i> , 2019, 42, 617-628.	6.3	26
30	Sulfur amino acid metabolism in doxorubicin-resistant breast cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 94-102.	2.8	24
31	Involvement of G-Protein-Coupled Receptor 40 in the Inhibitory Effects of Docosahexaenoic Acid on SREBP1-Mediated Lipogenic Enzyme Expression in Primary Hepatocytes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2625.	4.1	24
32	Inhibition of dimethylnitrosamine-induced liver fibrosis by [5-(2-pyrazinyl)-4-methyl-1,2-dithiol-3-thione] (oltipraz) in rats: suppression of transforming growth factor- β 1 and tumor necrosis factor- α expression. <i>Chemico-Biological Interactions</i> , 2002, 139, 61-77.	4.0	23
33	Protective effect of nectandrin, a potent AMPK activator on neointima formation: inhibition of Pin1 expression through AMPK activation. <i>British Journal of Pharmacology</i> , 2013, 168, 932-945.	5.4	23
34	Elevation of cysteine consumption in tamoxifen-resistant MCF-7 cells. <i>Biochemical Pharmacology</i> , 2013, 85, 197-206.	4.4	21
35	Induction of methionine adenosyltransferase 2A in tamoxifen-resistant breast cancer cells. <i>Oncotarget</i> , 2016, 7, 13902-13916.	1.8	21
36	Role of the CYP3A4-mediated 11,12-epoxyeicosatrienoic acid pathway in the development of tamoxifen-resistant breast cancer. <i>Oncotarget</i> , 2017, 8, 71054-71069.	1.8	21

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37	Type 17 immunity promotes the exhaustion of CD8 ⁺ T cells in cancer. , 2021, 9, e002603.		20
38	Auranofin prevents liver fibrosis by system Xc-mediated inhibition of NLRP3 inflammasome. Communications Biology, 2021, 4, 824.	4.4	18
39	Induction of microsomal epoxide hydrolase by sulfur amino acid deprivation via the pathway of C-Jun N-terminal kinase and its extracellular exposure during cell death. Free Radical Biology and Medicine, 2002, 32, 1017-1032.	2.9	16
40	Novel role of IL-6/SIL-6R signaling in the expression of inducible nitric oxide synthase (iNOS) in murine B16, metastatic melanoma clone F10.9, cells. Free Radical Biology and Medicine, 2007, 42, 215-227.	2.9	16
41	Connectivity mapping of angiotensin-PPAR interactions involved in the amelioration of non-alcoholic steatohepatitis by Telmisartan. Scientific Reports, 2019, 9, 4003.	3.3	16
42	Disease-specific eQTL screening reveals an anti-fibrotic effect of AGXT2 in non-alcoholic fatty liver disease. Journal of Hepatology, 2021, 75, 514-523.	3.7	16
43	Suppression of PMA-induced human fibrosarcoma HT-1080 invasion and metastasis by kahweol via inhibiting Akt/JNK1/2/p38 MAPK signal pathway and NF- κ B dependent transcriptional activities. Food and Chemical Toxicology, 2019, 125, 1-9.	3.6	15
44	Discovery and Structure-Activity Relationships of Novel Template, Truncated ϵ^2 -Homologated Adenosine Derivatives as Pure Dual PPAR β/γ Modulators. Journal of Medicinal Chemistry, 2020, 63, 16012-16027.	6.4	15
45	Nectandrin B suppresses the expression of adhesion molecules in endothelial cells: Role of AMP-activated protein kinase activation. Food and Chemical Toxicology, 2014, 66, 286-294.	3.6	14
46	GPR119 agonist enhances gefitinib responsiveness through lactate-mediated inhibition of autophagy. Journal of Experimental and Clinical Cancer Research, 2018, 37, 295.	8.6	14
47	Inhibition of p90RSK activation sensitizes triple-negative breast cancer cells to cisplatin by inhibiting proliferation, migration and EMT. BMB Reports, 2019, 52, 706-711.	2.4	14
48	The discovery of 2,5-isomers of triazole-pyrrolopyrimidine as selective Janus kinase 2 (JAK2) inhibitors versus JAK1 and JAK3. Bioorganic and Medicinal Chemistry, 2016, 24, 5036-5046.	3.0	13
49	Auranofin Inhibits RANKL-Induced Osteoclastogenesis by Suppressing Inhibitors of κ B Kinase and Inflammasome-Mediated Interleukin-1 β Secretion. Oxidative Medicine and Cellular Longevity, 2019, 1-12.	4.0	13
50	WY-14643 Regulates CYP1B1 Expression through Peroxisome Proliferator-Activated Receptor δ -Mediated Signaling in Human Breast Cancer Cells. International Journal of Molecular Sciences, 2019, 20, 5928.	4.1	12
51	Induction of E6AP by microRNA-302c dysregulation inhibits TGF- β 2-dependent fibrogenesis in hepatic stellate cells. Scientific Reports, 2020, 10, 444.	3.3	12
52	Circulating Small Extracellular Vesicles Activate TYRO3 to Drive Cancer Metastasis and Chemoresistance. Cancer Research, 2021, 81, 3539-3553.	0.9	12
53	Enhanced Sensitivity of Nonsmall Cell Lung Cancer with Acquired Resistance to Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitors to Phenformin: The Roles of a Metabolic Shift to Oxidative Phosphorylation and Redox Balance. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	11
54	Differential Effects of sEH Inhibitors on the Proliferation and Migration of Vascular Smooth Muscle Cells. International Journal of Molecular Sciences, 2017, 18, 2683.	4.1	10

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55	IGF-I receptor gene activation enhanced the expression of monocarboxylic acid transporter 1 in hepatocarcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 1352-1355.	2.1	9
56	Angiotensin II-mediated Nrf2 down-regulation: a potential causing factor for renal fibrosis?. <i>Archives of Pharmacal Research</i> , 2011, 34, 695-697.	6.3	9
57	Potent vasodilation effect of amurensin G is mediated through the phosphorylation of endothelial nitric oxide synthase. <i>Biochemical Pharmacology</i> , 2012, 84, 1437-1450.	4.4	9
58	Anti-cancer effect of GV1001 for prostate cancer: function as a ligand of GnRHR. <i>Endocrine-Related Cancer</i> , 2019, 26, 147-162.	3.1	9
59	Pin1 is required for ultraviolet A-stimulated cyclooxygenase-2 induction in mouse epidermal cells. <i>Cancer Letters</i> , 2013, 335, 31-40.	7.2	7
60	The anti-fibrogenic effect of a pharmaceutical composition of [5-(2-Pyrazinyl)-4-methyl-1,2-dithiol-3-thione] (Oltipraz) and Dimethyl-4,4'-dimethoxy-5,6,5'-dimethylenedioxybiphenyl-2,2'-dicarboxylate (DDB). <i>Archives of Pharmacal Research</i> , 2002, 25, 655-663.	6.3	6
61	Critical regulation of follicular helper T cell differentiation and function by G_{i1} signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	6
62	Anti-Cancer Effects of CKD-581, a Potent Histone Deacetylase Inhibitor against Diffuse Large B-Cell Lymphoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4377.	4.1	5
63	GPR40 agonist inhibits NLRP3 inflammasome activation via modulation of nuclear factor- κ B and sarco/endoplasmic reticulum Ca^{2+} -ATPase. <i>Life Sciences</i> , 2021, 287, 120127.	4.3	5
64	Evaluation of antioxidant defense systems in H4IIE cells infected with a retroviral vector. <i>Toxicology in Vitro</i> , 2010, 24, 1105-1110.	2.4	4
65	Discovery of rubiarbonone C as a selective inhibitor of cytochrome P450 4F enzymes. <i>Archives of Toxicology</i> , 2018, 92, 3325-3336.	4.2	4
66	Anti-metastatic effect of GV1001 on prostate cancer cells; roles of GnRHR-mediated G_{i1} -cAMP pathway and AR-YAP1 axis. <i>Cell and Bioscience</i> , 2021, 11, 191.	4.8	4
67	Heterogeneity of glutamine metabolism in acquired-EGFR-TKI-resistant lung cancer. <i>Life Sciences</i> , 2022, 291, 120274.	4.3	4
68	Involvement of ER stress and reactive oxygen species generation in anti-cancer effect of CKD-516 for lung cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2020, 85, 685-697.	2.3	3
69	Identification of interactions between multiple components in Socheongryong-tang using a plant profiling approach. <i>Biomedical Chromatography</i> , 2019, 33, e4500.	1.7	2
70	CKD-581 Downregulates Wnt/ β -Catenin Pathway by DACT3 Induction in Hematologic Malignancy. <i>Biomolecules and Therapeutics</i> , 2022, , .	2.4	2
71	Enhanced bioavailability of paclitaxel by bamboo concentrate administration. <i>Archives of Pharmacal Research</i> , 2005, 28, 469-475.	6.3	1
72	2-Allylthio)pyrazine, a Cancer Chemopreventive Agent, Inhibits Liver Fibrosis Induced by Dimethylnitrosamine in Rats: Role of Inhibition of Transforming Growth Factor- β 1 Expression. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001, 89, 23-29.	0.0	1

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73	Inhibition of Dermatitis Development by Sopungsan in Nc/Nga Mice. Toxicological Research, 2008, 24, 17-22.	2.1	1
74	CD44 is involved in liver regeneration through enhanced uptake of extracellular cystine. Clinical and Translational Medicine, 2022, 12, e873.	4.0	1
75	Application of drug metabolism and pharmacokinetics for new drug development. Archives of Pharmacal Research, 2011, 34, 1769-1771.	6.3	0
76	Role of FoxO1 in MDR1 gene expression. FASEB Journal, 2008, 22, 921.20.	0.5	0
77	Induction of vascular endothelial growth factor by peptidylprolyl isomerase Pin1 in breast cancer cells. FASEB Journal, 2008, 22, .	0.5	0
78	Radiosensitizing effects of xanthohumol on human cancer cells. FASEB Journal, 2010, 24, 965.7.	0.5	0