

# Keon Wook Kang

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Heterogeneity of glutamine metabolism in acquired-EGFR-TKI-resistant lung cancer. <i>Life Sciences</i> , 2022, 291, 120274.	4.3	4
2	CD44 is involved in liver regeneration through enhanced uptake of extracellular cystine. <i>Clinical and Translational Medicine</i> , 2022, 12, e873.	4.0	1
3	CKD-581 Downregulates Wnt/ $\beta$ -Catenin Pathway by DACT3 Induction in Hematologic Malignancy. <i>Biomolecules and Therapeutics</i> , 2022, , .	2.4	2
4	Circulating Small Extracellular Vesicles Activate TYRO3 to Drive Cancer Metastasis and Chemoresistance. <i>Cancer Research</i> , 2021, 81, 3539-3553.	0.9	12
5	Auranofin prevents liver fibrosis by system Xc-mediated inhibition of NLRP3 inflammasome. <i>Communications Biology</i> , 2021, 4, 824.	4.4	18
6	Type 17 immunity promotes the exhaustion of CD8 <sup>+</sup> T cells in cancer. , 2021, 9, e002603.		20
7	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. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	4.0	11
8	Disease-specific eQTL screening reveals an anti-fibrotic effect of AGXT2 in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2021, 75, 514-523.	3.7	16
9	Critical regulation of follicular helper T cell differentiation and function by $G\beta 13$ signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	6
10	Anti-metastatic effect of GV1001 on prostate cancer cells; roles of GnRHR-mediated $G\beta$ -s-cAMP pathway and AR-YAP1 axis. <i>Cell and Bioscience</i> , 2021, 11, 191.	4.8	4
11	GPR40 agonist inhibits NLRP3 inflammasome activation via modulation of nuclear factor- $\kappa$ B and sarco/endoplasmic reticulum $Ca^{2+}$ -ATPase. <i>Life Sciences</i> , 2021, 287, 120127.	4.3	5
12	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
13	Discovery and Structure-Activity Relationships of Novel Template, Truncated $\beta$ -Homologated Adenosine Derivatives as Pure Dual PPAR $\delta/\gamma$ Modulators. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 16012-16027.	6.4	15
14	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
15	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
16	Induction of E6AP by microRNA-302c dysregulation inhibits TGF- $\beta$ -dependent fibrogenesis in hepatic stellate cells. <i>Scientific Reports</i> , 2020, 10, 444.	3.3	12
17	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
18	Estrogen Deficiency Potentiates Thioacetamide-Induced Hepatic Fibrosis in Sprague-Dawley Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3709.	4.1	26

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19	Identification of interactions between multiple components in Socheongryonggatang using a plant profiling approach. <i>Biomedical Chromatography</i> , 2019, 33, e4500.	1.7	2
20	Phosphatidylserine receptor-targeting therapies for the treatment of cancer. <i>Archives of Pharmacal Research</i> , 2019, 42, 617-628.	6.3	26
21	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
22	Auranofin Inhibits RANKL-Induced Osteoclastogenesis by Suppressing Inhibitors of $\text{I}\kappa\text{B}$ Kinase and Inflammasome-Mediated Interleukin-1 $\beta$ Secretion. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	4.0	13
23	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
24	Connectivity mapping of angiotensin-PPAR interactions involved in the amelioration of non-alcoholic steatohepatitis by Telmisartan. <i>Scientific Reports</i> , 2019, 9, 4003.	3.3	16
25	WY-14643 Regulates CYP1B1 Expression through Peroxisome Proliferator-Activated Receptor $\alpha$ -Mediated Signaling in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5928.	4.1	12
26	Suppression of PMA-induced human fibrosarcoma HT-1080 invasion and metastasis by kahweol via inhibiting Akt/JNK1/2/p38 MAPK signal pathway and NF- $\kappa$ B dependent transcriptional activities. <i>Food and Chemical Toxicology</i> , 2019, 125, 1-9.	3.6	15
27	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
28	Inhibition of p90RSK activation sensitizes triple-negative breast cancer cells to cisplatin by inhibiting proliferation, migration and EMT. <i>BMB Reports</i> , 2019, 52, 706-711.	2.4	14
29	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
30	$\text{G}\alpha$ 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
31	Therapeutic application of GPR119 ligands in metabolic disorders. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 257-269.	4.4	48
32	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
33	GPR119 agonist enhances gefitinib responsiveness through lactate-mediated inhibition of autophagy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 295.	8.6	14
34	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
35	Essential role of Notch4/STAT3 signaling in epithelial-mesenchymal transition of tamoxifen-resistant human breast cancer. <i>Cancer Letters</i> , 2017, 390, 115-125.	7.2	64
36	Differential Effects of sEH Inhibitors on the Proliferation and Migration of Vascular Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2683.	4.1	10

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37	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
38	Induction of methionine adenosyltransferase 2A in tamoxifen-resistant breast cancer cells. <i>Oncotarget</i> , 2016, 7, 13902-13916.	1.8	21
39	The discovery of 2,5-isomers of triazole-pyrrolopyrimidine as selective Janus kinase 2 (JAK2) inhibitors versus JAK1 and JAK3. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5036-5046.	3.0	13
40	GPR119: a promising target for nonalcoholic fatty liver disease. <i>FASEB Journal</i> , 2016, 30, 324-335.	0.5	38
41	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
42	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
43	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
44	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
45	Pin1 induction in the fibrotic liver and its roles in TGF- $\beta$ 1 expression and Smad2/3 phosphorylation. <i>Journal of Hepatology</i> , 2014, 60, 1235-1241.	3.7	45
46	Nectandrin B suppresses the expression of adhesion molecules in endothelial cells: Role of AMP-activated protein kinase activation. <i>Food and Chemical Toxicology</i> , 2014, 66, 286-294.	3.6	14
47	Oleanane triterpenes as protein tyrosine phosphatase 1B (PTP1B) inhibitors from <i>Camellia japonica</i> . <i>Phytochemistry</i> , 2014, 103, 99-106.	2.9	40
48	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
49	Elevation of cysteine consumption in tamoxifen-resistant MCF-7 cells. <i>Biochemical Pharmacology</i> , 2013, 85, 197-206.	4.4	21
50	Protective effect of nectandrin B, 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
51	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
52	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
53	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
54	Sulfur amino acid metabolism in doxorubicin-resistant breast cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 94-102.	2.8	24

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55	Angiotensin II-mediated Nrf2 down-regulation: a potential causing factor for renal fibrosis?. Archives of Pharmacal Research, 2011, 34, 695-697.	6.3	9
56	Application of drug metabolism and pharmacokinetics for new drug development. Archives of Pharmacal Research, 2011, 34, 1769-1771.	6.3	0
57	Age-related changes in hepatic expression and activity of cytochrome P450 in male rats. Archives of Toxicology, 2010, 84, 939-946.	4.2	52
58	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. Toxicology and Applied Pharmacology, 2010, 246, 171-183.	2.8	67
59	Doxorubicin-loaded solid lipid nanoparticles to overcome multidrug resistance in cancer therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 210-213.	3.3	115
60	Evaluation of antioxidant defense systems in H4IIE cells infected with a retroviral vector. Toxicology in Vitro, 2010, 24, 1105-1110.	2.4	4
61	Radiosensitizing effects of xanthohumol on human cancer cells. FASEB Journal, 2010, 24, 965.7.	0.5	0
62	Inhibition of Dermatitis Development by Sopungsan in Nc/Nga Mice. Toxicological Research, 2008, 24, 17-22.	2.1	1
63	Role of FoxO1 in MDR1 gene expression. FASEB Journal, 2008, 22, 921.20.	0.5	0
64	Induction of vascular endothelial growth factor by peptidylprolyl isomerase Pin1 in breast cancer cells. FASEB Journal, 2008, 22, .	0.5	0
65	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
66	IGF-I receptor gene activation enhanced the expression of monocarboxylic acid transporter 1 in hepatocarcinoma cells. Biochemical and Biophysical Research Communications, 2006, 342, 1352-1355.	2.1	9
67	Enhanced bioavailability of paclitaxel by bamboo concentrate administration. Archives of Pharmacal Research, 2005, 28, 469-475.	6.3	1
68	Molecular Mechanism of Nrf2 Activation by Oxidative Stress. Antioxidants and Redox Signaling, 2005, 7, 1664-1673.	5.4	327
69	Essential Role of Phosphatidylinositol 3-Kinase-Dependent CCAAT/Enhancer Binding Protein $\beta$ Activation in the Induction of Glutathione S-Transferase by Oltipraz. Journal of the National Cancer Institute, 2003, 95, 53-66.	6.3	99
70	Thrombin Induces Nitric-oxide Synthase via $G_{i2/13}$ -coupled Protein Kinase C-dependent $I\kappa B\alpha$ Phosphorylation and JNK-mediated $I\kappa B\alpha$ Degradation. Journal of Biological Chemistry, 2003, 278, 17368-17378.	3.4	54
71	Activation of CCAAT/enhancer-binding protein beta by 2'-amino-3'-methoxyflavone (PD98059) leads to the induction of glutathione S-transferase A2. Carcinogenesis, 2003, 24, 475-482.	2.8	34
72	Phosphatidylinositol 3-Kinase Regulates Nuclear Translocation of NF-E2-Related Factor 2 through Actin Rearrangement in Response to Oxidative Stress. Molecular Pharmacology, 2002, 62, 1001-1010.	2.3	252

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73	Oltipraz regenerates cirrhotic liver through CCAAT/enhancer binding protein-mediated stellate cell inactivation. <i>FASEB Journal</i> , 2002, 16, 1988-1990.	0.5	80
74	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
75	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- $\beta$ 1 and tumor necrosis factor- $\alpha$ expression. <i>Chemico-Biological Interactions</i> , 2002, 139, 61-77.	4.0	23
76	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. <i>Free Radical Biology and Medicine</i> , 2002, 32, 1017-1032.	2.9	16
77	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
78	2-Allylthio)pyrazine, a Cancer Chemopreventive Agent, Inhibits Liver Fibrosis Induced by Dimethylnitrosamine in Rats: Role of Inhibition of Transforming Growth Factor- $\beta$ 1 Expression. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001, 89, 23-29.	0.0	1