

Sang Geon Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/127402/publications.pdf>

Version: 2024-02-01

91
papers

2,354
citations

257450

24
h-index

223800

46
g-index

91
all docs

91
docs citations

91
times ranked

3793
citing authors

#	ARTICLE	IF	CITATIONS
1	AMPK Facilitates Nuclear Accumulation of Nrf2 by Phosphorylating at Serine 550. <i>Molecular and Cellular Biology</i> , 2016, 36, 1931-1942.	2.3	360
2	Alcohol dysregulates miR-148a in hepatocytes through FoxO1, facilitating pyroptosis via TXNIP overexpression. <i>Gut</i> , 2019, 68, 708-720.	12.1	176
3	Endoplasmic Reticulum Stress in Hepatic Stellate Cells Promotes Liver Fibrosis via PERK-Mediated Degradation of HNRNPA1 and Up-regulation of SMAD2. <i>Gastroenterology</i> , 2016, 150, 181-193.e8.	1.3	140
4	FXR Inhibits Endoplasmic Reticulum Stress-Induced NLRP3 Inflammasome in Hepatocytes and Ameliorates Liver Injury. <i>Cell Reports</i> , 2018, 24, 2985-2999.	6.4	140
5	Decrease of microRNA-122 causes hepatic insulin resistance by inducing protein tyrosine phosphatase 1B, which is reversed by licorice flavonoid. <i>Hepatology</i> , 2012, 56, 2209-2220.	7.3	126
6	Role of adenosine monophosphate-activated protein kinase-p70 ribosomal S6 kinase-1 pathway in repression of liver X receptor-alpha-dependent lipogenic gene induction and hepatic steatosis by a novel class of dithiolethiones. <i>Hepatology</i> , 2009, 49, 1913-1925.	7.3	110
7	Discovery of an integrative network of microRNAs and transcriptomics changes for acute kidney injury. <i>Kidney International</i> , 2014, 86, 943-953.	5.2	88
8	microRNA-148a dysregulation discriminates poor prognosis of hepatocellular carcinoma in association with USP4 overexpression. <i>Oncotarget</i> , 2014, 5, 2792-2806.	1.8	85
9	GÎ±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	Auto-regulation of Secretory Flux by Sensing and Responding to the Folded Cargo Protein Load in the Endoplasmic Reticulum. <i>Cell</i> , 2019, 176, 1461-1476.e23.	28.9	65
11	PHLDA3 overexpression in hepatocytes by endoplasmic reticulum stress via IRE1â€“Xbp1s pathway expedites liver injury. <i>Gut</i> , 2016, 65, 1377-1388.	12.1	63
12	Hepcidin inhibits Smad3 phosphorylation in hepatic stellate cells by impeding ferroportin-mediated regulation of Akt. <i>Nature Communications</i> , 2016, 7, 13817.	12.8	54
13	Role of non-coding RNAs in liver disease progression to hepatocellular carcinoma. <i>Archives of Pharmacal Research</i> , 2019, 42, 48-62.	6.3	50
14	GÎ±12 ablation exacerbates liver steatosis and obesity by suppressing USP22/SIRT1-regulated mitochondrial respiration. <i>Journal of Clinical Investigation</i> , 2018, 128, 5587-5602.	8.2	41
15	PI3K, RSK, and mTOR Signal Networks for the GST Gene Regulation. <i>Toxicological Sciences</i> , 2006, 96, 206-213.	3.1	39
16	GÎ±12 overexpressed in hepatocellular carcinoma reduces microRNA-122 expression via HNF4Î± inactivation, which causes c-Met induction. <i>Oncotarget</i> , 2015, 6, 19055-19069.	1.8	35
17	Liver X Receptor Alpha Activation Inhibits Autophagy and Lipophagy in Hepatocytes by Dysregulating Autophagy-Related 4B Cysteine Peptidase and Rabâ€“8B, Reducing Mitochondrial Fuel Oxidation. <i>Hepatology</i> , 2021, 73, 1307-1326.	7.3	31
18	Inhibition of lipopolysaccharide-induced I-kappaB degradation and tumor necrosis factor-alpha expression by dimethyl-4,4'-dimethoxy-5,6,5',6'-dimethylene dioxybiphenyl-2,2'-dicarboxylate (DDB): minor role in hepatic detoxifying enzyme expression. <i>Liver International</i> , 2000, 20, 319-329.	3.9	30

#	ARTICLE	IF	CITATIONS
19	Novel Hypoxia-Inducible Factor 1 \pm (HIF-1 \pm) Inhibitors for Angiogenesis-Related Ocular Diseases: Discovery of a Novel Scaffold via Ring-Truncation Strategy. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9266-9286.	6.4	30
20	Endoplasmic reticulum stress and autophagy dysregulation in alcoholic and non-alcoholic liver diseases. <i>Clinical and Molecular Hepatology</i> , 2020, 26, 715-727.	8.9	29
21	Piperine effects on the expression of P4502E1, P4502B and P4501A in rat. <i>Xenobiotica</i> , 1994, 24, 1195-1204.	1.1	28
22	G \pm 12 gep oncogene inhibits FOXO1 in hepatocellular carcinoma as a consequence of miR-135b and miR-194 dysregulation. <i>Cellular Signalling</i> , 2014, 26, 1456-1465.	3.6	28
23	SIRT1 activation by methylene blue, a repurposed drug, leads to AMPK-mediated inhibition of steatosis and steatohepatitis. <i>European Journal of Pharmacology</i> , 2014, 727, 115-124.	3.5	28
24	Synthesis and biological evaluation of 1,2-dithiol-3-thiones and pyrrolo[1,2-a]pyrazines as novel hypoxia inducible factor-1 (HIF-1) inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2843-2851.	3.0	25
25	Nrf2 \pm ncRNA controls cell fate by modulating p53 \pm dependent Nrf2 activation as an miRNA sponge for Plk2 and p21 ^{cip1} . <i>FASEB Journal</i> , 2019, 33, 7953-7969.	0.5	25
26	Effects of garlic oil on rat hepatic P4502E1 expression. <i>Xenobiotica</i> , 1995, 25, 1021-1029.	1.1	24
27	Expression of cytochrome p-450s and glutathiones-transferases in the rat liver during water deprivation: effects of glucose supplementation. <i>Journal of Applied Toxicology</i> , 2001, 21, 123-129.	2.8	24
28	Oltipraz therapy in patients with liver fibrosis or cirrhosis: a randomized, double-blind, placebo-controlled phase II trial \pm . <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 627-635.	2.4	23
29	LRH1-driven transcription factor circuitry for hepatocyte identity: Super-enhancer cistromic analysis. <i>EBioMedicine</i> , 2019, 40, 488-503.	6.1	23
30	G \pm 12/13 signaling in metabolic diseases. <i>Experimental and Molecular Medicine</i> , 2020, 52, 896-910.	7.7	22
31	\pm UBC12 \pm mediated \pm SREBP \pm neddylation worsens metastatic tumor prognosis. <i>International Journal of Cancer</i> , 2020, 147, 2550-2563.	5.1	22
32	G \pm 13 ablation reprograms myofibers to oxidative phenotype and enhances whole-body metabolism. <i>Journal of Clinical Investigation</i> , 2017, 127, 3845-3860.	8.2	22
33	Overproduction of inter- \pm -trypsin inhibitor heavy chain 1 after loss of G \pm 13 in liver exacerbates systemic insulin resistance in mice. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	21
34	G \pm 12 overexpression in hepatocytes by ER stress exacerbates acute liver injury via ROCK1-mediated miR-15a and ALOX12 dysregulation. <i>Theranostics</i> , 2022, 12, 1570-1588.	10.0	19
35	Pkc downstream of pi3-kinase regulates peroxyxynitrite formation for nrf2-mediated gsta2 induction. <i>Archives of Pharmacal Research</i> , 2004, 27, 757-762.	6.3	17
36	Enhanced Effectiveness of Dimethyl-4,4 \pm -dimethoxy-5,6,5 \pm ,6 \pm -dimethylene dioxybiphenyl-2,2 \pm -dicarboxylate in Combination with Garlic Oil against Experimental Hepatic Injury in Rats and Mice. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 47, 678-682.	2.4	17

#	ARTICLE	IF	CITATIONS
37	Farnesoid X receptor as a regulator of fuel consumption and mitochondrial function. Archives of Pharmacal Research, 2016, 39, 1062-1074.	6.3	17
38	Increase of miR-199a-5p by protoporphyrin IX, a photocatalyzer, directly inhibits E2F3, sensitizing mesenchymal tumor cells to anti-cancer agents. Oncotarget, 2015, 6, 3918-3931.	1.8	17
39	Ablation of USP21 in skeletal muscle promotes oxidative fibre phenotype, inhibiting obesity and type 2 diabetes. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1669-1689.	7.3	15
40	Etoposide Induces Necrosis Through p53-Mediated Antiapoptosis in Human Kidney Proximal Tubule Cells. Toxicological Sciences, 2015, 148, 204-219.	3.1	14
41	G β 12 regulates osteoclastogenesis by modulating $\langle \text{sc} \rangle \text{NFAT} \langle / \text{sc} \rangle \text{c1}$ expression. Journal of Cellular and Molecular Medicine, 2018, 22, 849-860.	3.6	14
42	Phytochemical regulation of Fyn and AMPK signaling circuitry. Archives of Pharmacal Research, 2015, 38, 2093-2105.	6.3	13
43	Resolvin D1 Suppresses H ₂ O ₂ -Induced Senescence in Fibroblasts by Inducing Autophagy through the miR-1299/ARG2/ARL1 Axis. Antioxidants, 2021, 10, 1924.	5.1	13
44	The G12 family proteins upregulate matrix metalloproteinase-2 via p53 leading to human breast cell invasion. Breast Cancer Research and Treatment, 2010, 124, 49-61.	2.5	11
45	An active metabolite of oltipraz ($\langle \text{sc} \rangle \text{M2} \langle / \text{sc} \rangle$) increases mitochondrial fuel oxidation and inhibits lipogenesis in the liver by dually activating $\langle \text{sc} \rangle \text{AMPK} \langle / \text{sc} \rangle$. British Journal of Pharmacology, 2013, 168, 1647-1661.	5.4	11
46	A load of mice to hypergravity causes AMPK \uparrow repression with liver injury, which is overcome by preconditioning loads via Nrf2. Scientific Reports, 2015, 5, 15643.	3.3	11
47	Synthesis and analgesic and anti-inflammatory activities of 1,2-benzothiazine derivatives. Archives of Pharmacal Research, 1999, 22, 44-47.	6.3	10
48	Chemopreventive effects of 2-(Allylthio)pyrazine. Archives of Pharmacal Research, 1999, 22, 99-107.	6.3	10
49	Sex \times biased differences in the correlation between epithelial \times mesenchymal transition \times associated genes in cancer cell lines. Oncology Letters, 2019, 18, 6852-6868.	1.8	7
50	NRF2 \times mediated SIRT3 induction protects hepatocytes from ER stress \times induced liver injury. FASEB Journal, 2022, 36, e22170.	0.5	7
51	Pharmacology of Antagonism of GPCR. Biological and Pharmaceutical Bulletin, 2022, 45, 669-674.	1.4	7
52	Critical regulation of follicular helper T cell differentiation and function by G β 13 \times signaling. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	6
53	$\langle \text{sc} \rangle \text{ER} \langle / \text{sc} \rangle$ inhibits mesenchymal and amoeboidal movement of liver cancer cell via G β 12. International Journal of Cancer, 2022, 150, 1690-1705.	5.1	6
54	Differential induction of hepatic microsomal epoxide hydrolase by alkyl sulphides and alkyl ethers in rat. Xenobiotica, 1997, 27, 759-767.	1.1	5

#	ARTICLE	IF	CITATIONS
55	DEPRENYL, A THERAPEUTIC AGENT FOR PARKINSON'S DISEASE, INHIBITS ARSENIC TOXICITY POTENTIATED BY GSH DEPLETION VIA INHIBITION OF JNK ACTIVATION. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2004, 67, 2013-2024.	2.3	5
56	Partial hepatoprotective effects of allylthiobenzimidazole in the absence of cytochrome P4502E1 suppression: effects on epoxide hydrolase, rGSTA2, rGSTA3/5, rGSTM1 and rGSTM2 expression. <i>Xenobiotica</i> , 1998, 28, 323-336.	1.1	4
57	Binge Alcohol Intake After Hypergravity Stress Sustainably Decreases AMPK and Transcription Factors Necessary for Hepatocyte Survival. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 76-86.	2.4	3
58	1-Benzylimidazole induces rat hepatic microsomal epoxide hydrolase with the elevation of its mRNA levels. <i>Xenobiotica</i> , 1995, 25, 791-798.	1.1	2
59	Oligopeptide Competition Assay for Phosphorylation Site Determination. <i>Journal of Visualized Experiments</i> , 2017, . .	0.3	2
60	A TRPC3/6 Channel Inhibitor Promotes Arteriogenesis after Hind-Limb Ischemia. <i>Cells</i> , 2022, 11, 2041.	4.1	2
61	Protein Signaling in iNOS Gene Expression. <i>Methods in Enzymology</i> , 2005, 396, 377-387.	1.0	1
62	(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
63	miRNA-324, a potential therapeutic target for paracetamol-induced liver injury. <i>Stem Cell Investigation</i> , 2016, 3, 67-67.	3.0	1
64	Role of G β 12 family members in mdm4-mediated p53 expression. <i>FASEB Journal</i> , 2007, 21, A431.	0.5	1
65	Molecular network of HCC aggressiveness. <i>Oncoscience</i> , 2015, 2, 777-778.	2.2	1
66	Enhanced C/EBP β -LIP production by oltipraz leads to inhibition of preadipocyte differentiation as a result of CUGBP1 activation. <i>FASEB Journal</i> , 2006, 20, A522.	0.5	0
67	Role of RSK1 in oltipraz-induced specific phosphorylation of C/EBP β for GST gene transactivation. <i>FASEB Journal</i> , 2006, 20, A259.	0.5	0
68	Role of G β 12 /G β 13 as novel switches for the activity of Nrf2. <i>FASEB Journal</i> , 2007, 21, A1181.	0.5	0
69	G β 12 specifically regulates COX β 2 induction by sphingosine 1-phosphate. <i>FASEB Journal</i> , 2007, 21, A978.	0.5	0
70	A role of activating transcription factor (ATF)2 in transcriptional activation of matrix metalloproteinase (MMP) β 2 in human breast epithelial cells. <i>FASEB Journal</i> , 2007, 21, A388.	0.5	0
71	Compound C inhibition of adipocytes differentiation: The role of an increase in p21 in suppressing the clonal expansion of preadipocytes. <i>FASEB Journal</i> , 2009, 23, 527.1.	0.5	0
72	The AMPK activation by sauchinone, a <i>Saururus chinensis</i> lignan, enables hepatocytes to protect against the toxicity induced by iron overload. <i>FASEB Journal</i> , 2009, 23, 581.11.	0.5	0

#	ARTICLE	IF	CITATIONS
73	Inhibition of fulminant hepatitis by liquiritigenin, a licorice flavonoid, as a consequence of the induction of hepatic transporters and phase II enzymes. FASEB Journal, 2009, 23, 747.6.	0.5	0
74	The G12 family proteins upregulate matrix metalloproteinase-2 and invasion in human breast epithelial cells. FASEB Journal, 2009, 23, 740.1.	0.5	0
75	Metadoxine, an ion-pair of pyridoxine and L-pyrrolidone-5-carboxylate, inhibits adipocyte differentiation through its repression of PKA-dependent CREB activity. FASEB Journal, 2010, 24, 893.7.	0.5	0
76	Oltipraz inhibits liver X receptor- α -dependent lipogenic gene induction and hepatic steatosis via AMPK-S6K1 pathway. FASEB Journal, 2010, 24, 893.3.	0.5	0
77	E-cadherin antagonizes TGF β 1 gene induction in hepatic stellate cells by inhibiting Rho-dependent Smad3/2 phosphorylation. FASEB Journal, 2011, 25, 946.3.	0.5	0
78	Ajoene, a stable garlic byproduct, inhibits high-fat diet-induced hepatic steatosis and oxidative injury via LKB1-mediated AMPK activation. FASEB Journal, 2011, 25, .	0.5	0
79	Isoliquiritigenin, an antioxidant flavonoid from licorice, inhibits high-fat diet-induced hepatic steatosis and oxidative injury through JNK1 inhibition. FASEB Journal, 2011, 25, 1018.2.	0.5	0
80	Roles of G proteins in Human Breast Cell Invasion. FASEB Journal, 2011, 25, 930.11.	0.5	0
81	Fyn Inhibition by prenylated polyphenols Leads to Antioxidant Effect through LKB1 Activation. FASEB Journal, 2012, 26, 851.15.	0.5	0
82	Farnesoid X Receptor Activation by Chenodeoxycholic Acid Induces Detoxifying Enzymes through AMP-Activated Protein Kinase and Extracellular Signal-Regulated Kinase 1/2-Mediated Phosphorylation of CCAAT/Enhancer Binding Protein β . FASEB Journal, 2012, 26, 291.2.	0.5	0
83	Sphingosine 1-phosphate regulates matrix metalloproteinase-9 expression and breast cell invasion through S1P3-G β q coupling. FASEB Journal, 2012, 26, 782.4.	0.5	0
84	Enhancement of antioxidant capacity by novel dithiolethiones as a consequence of Fyn inhibition. FASEB Journal, 2012, 26, 839.2.	0.5	0
85	Sphingosine-1-phosphate (S1P) Signaling for Breast Cell Invasion. FASEB Journal, 2013, 27, 598.2.	0.5	0
86	JNK1 phosphorylation of HNF4 β represses miR-122, which causes PTP1B induction. FASEB Journal, 2013, 27, 1169.9.	0.5	0
87	S1P receptor-1 and USP4 induced by microRNA-148a deregulation facilitate liver cancer progression (766.1). FASEB Journal, 2014, 28, 766.1.	0.5	0
88	miR-125b transcriptionally induced by Nrf2 inhibits AhR repressor for AhR activation (663.12). FASEB Journal, 2014, 28, 663.12.	0.5	0
89	Methylene Blue Protects the Liver from Steatohepatitis via AMPK Activation. FASEB Journal, 2015, 29, 621.2.	0.5	0
90	Loss of G β 13 exercise-mimetically reprograms skeletal muscle through Rock2. FASEB Journal, 2018, 32, .	0.5	0

#	ARTICLE	IF	CITATIONS
91	FXR Inhibits NLRP3 Inflammasome Activation by ER Stress. FASEB Journal, 2018, 32, 533.2.	0.5	0