

Eun Hee Han

List of Publications by Year in descending order

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101
papers

2,869
citations

159585

30
h-index

197818

49
g-index

105
all docs

105
docs citations

105
times ranked

4582
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin inhibits glycoprotein expression via the NF- κ B pathway and CRE transcriptional activity through AMPK activation. <i>British Journal of Pharmacology</i> , 2011, 162, 1096-1108.	5.4	166
2	Anthocyanins from purple sweet potato attenuate dimethylnitrosamine-induced liver injury in rats by inducing Nrf2-mediated antioxidant enzymes and reducing COX-2 and iNOS expression. <i>Food and Chemical Toxicology</i> , 2011, 49, 93-99.	3.6	133
3	Purple sweet potato anthocyanins attenuate hepatic lipid accumulation through activating adenosine monophosphate-activated protein kinase in human HepG2 cells and obese mice. <i>Nutrition Research</i> , 2011, 31, 896-906.	2.9	131
4	Suppression of PMA-induced tumor cell invasion by dihydroartemisinin via inhibition of PKC ζ /Raf/MAPKs and NF- κ B/AP-1-dependent mechanisms. <i>Biochemical Pharmacology</i> , 2010, 79, 1714-1726.	4.4	98
5	Immunostimulatory activity of aqueous extract isolated from <i>Prunella vulgaris</i> . <i>Food and Chemical Toxicology</i> , 2009, 47, 62-69.	3.6	96
6	Suppression of EGF-induced tumor cell migration and matrix metalloproteinase-9 expression by capsaicin via the inhibition of EGFR-mediated FAK/Akt, PKC/Raf/ERK, p38 MAPK, and AP-1 signaling. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 594-605.	3.3	88
7	Suppression of phorbol-12-myristate-13-acetate-induced tumor cell invasion by piperine via the inhibition of PKC ζ /ERK1/2-dependent matrix metalloproteinase-9 expression. <i>Toxicology Letters</i> , 2011, 203, 9-19.	0.8	82
8	Bisphenol A-induced aromatase activation is mediated by cyclooxygenase-2 up-regulation in rat testicular Leydig cells. <i>Toxicology Letters</i> , 2010, 193, 200-208.	0.8	75
9	Inhibitory Effect of the Saponins Derived from Roots of <i>Platycodon grandiflorum</i> Carrageenan-Induced Inflammation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 858-864.	1.3	74
10	Molecular mechanism of suppression of MDR1 by puerarin from <i>Pueraria lobata</i> via NF- κ B pathway and cAMP-responsive element transcriptional activity-dependent up-regulation of AMP-activated protein kinase in breast cancer MCF-7/adr cells. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 918-928.	3.3	71
11	Metallothionein-2A overexpression increases the expression of matrix metalloproteinase-9 and invasion of breast cancer cells. <i>FEBS Letters</i> , 2011, 585, 421-428.	2.8	66
12	Piperine inhibits PMA-induced cyclooxygenase-2 expression through downregulating NF- κ B, C/EBP and AP-1 signaling pathways in murine macrophages. <i>Food and Chemical Toxicology</i> , 2012, 50, 2342-2348.	3.6	61
13	Metallothionein-III protects against 6-hydroxydopamine-induced oxidative stress by increasing expression of heme oxygenase-1 in a PI3K and ERK/Nrf2-dependent manner. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 318-327.	2.8	59
14	Protective effect of saponins derived from the roots of <i>Platycodon grandiflorum</i> against carbon tetrachloride induced hepatotoxicity in mice. <i>Food and Chemical Toxicology</i> , 2008, 46, 1778-1785.	3.6	59
15	Inhibitory mechanism of saponins derived from roots of <i>Platycodon grandiflorum</i> on anaphylactic reaction and IgE-mediated allergic response in mast cells. <i>Food and Chemical Toxicology</i> , 2009, 47, 1069-1075.	3.6	57
16	Eugenol inhibit 7,12-dimethylbenz[a]anthracene-induced genotoxicity in MCF-7 cells: Bifunctional effects on CYP1 and NAD(P)H:quinone oxidoreductase. <i>FEBS Letters</i> , 2007, 581, 749-756.	2.8	56
17	Tungtungmadic acid, a novel antioxidant, from <i>Salicornia herbacea</i> . <i>Archives of Pharmacal Research</i> , 2005, 28, 1122-1126.	6.3	55
18	<i>Platycodon grandiflorum</i> root-derived saponins attenuate atopic dermatitis-like skin lesions via suppression of NF- κ B and STAT1 and activation of Nrf2/ARE-mediated heme oxygenase-1. <i>Phytomedicine</i> , 2014, 21, 1053-1061.	5.3	49

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19	Topical application of <i>Pleurotus eryngii</i> extracts inhibits 2,4-dinitrochlorobenzene-induced atopic dermatitis in NC/Nga mice by the regulation of Th1/Th2 balance. <i>Food and Chemical Toxicology</i> , 2013, 53, 38-45.	3.6	46
20	<i>Houttuynia cordata</i> water extract suppresses anaphylactic reaction and IgE-mediated allergic response by inhibiting multiple steps of Fc μ RI signaling in mast cells. <i>Food and Chemical Toxicology</i> , 2009, 47, 1659-1666.	3.6	45
21	Suppression of PMA-induced tumor cell invasion and metastasis by aqueous extract isolated from <i>Prunella vulgaris</i> via the inhibition of NF- κ B-dependent MMP-9 expression. <i>Food and Chemical Toxicology</i> , 2010, 48, 564-571.	3.6	42
22	Xanthohumol from the hop plant stimulates osteoblast differentiation by RUNX2 activation. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 82-89.	2.1	41
23	Potent protective effect of isoimperatorin against aflatoxin B1-inducible cytotoxicity in H4IIE cells: bifunctional effects on glutathione S-transferase and CYP1A. <i>Carcinogenesis</i> , 2006, 27, 2483-2490.	2.8	40
24	o,pâ€²-DDT induces cyclooxygenase-2 gene expression in murine macrophages: Role of AP-1 and CRE promoter elements and PI3-kinase/Akt/MAPK signaling pathways. <i>Toxicology and Applied Pharmacology</i> , 2008, 233, 333-342.	2.8	40
25	Effect of biochanin A on the aryl hydrocarbon receptor and cytochrome P450 1A1 in MCF-7 human breast carcinoma cells. <i>Archives of Pharmacal Research</i> , 2006, 29, 570-576.	6.3	38
26	Inhibition of tumor progression and M2 microglial polarization by extracellular vesicle-mediated microRNA-124 in a 3D microfluidic glioblastoma microenvironment. <i>Theranostics</i> , 2021, 11, 9687-9704.	10.0	38
27	Saponins from the roots of <i>Platycodon grandiflorum</i> stimulate osteoblast differentiation via p38 MAPK- and ERK-dependent RUNX2 activation. <i>Food and Chemical Toxicology</i> , 2010, 48, 3362-3368.	3.6	37
28	Novel Role of Pin1 Induction in Type II Collagen-Mediated Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2009, 183, 6689-6697.	0.8	36
29	Inhibition of acrolein-stimulated MUC5AC expression by <i>Platycodon grandiflorum</i> root-derived saponin in A549 cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 2157-2166.	3.6	32
30	One-Dimensional Supramolecular Nanoplatfoms for Theranostics Based on Co-Assembly of Peptide Amphiphiles. <i>Biomacromolecules</i> , 2016, 17, 3234-3243.	5.4	31
31	Inhibitory effect of <i>Pleurotus eryngii</i> extracts on the activities of allergic mediators in antigen-stimulated mast cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 1416-1425.	3.6	30
32	Up-regulation of CYP1A1 by rutaecarpine is dependent on aryl hydrocarbon receptor and calcium. <i>Toxicology</i> , 2009, 266, 38-47.	4.2	29
33	<i>Psidium guajava</i> extract inhibits thymus and activation-regulated chemokine (TARC/CCL17) production in human keratinocytes by inducing heme oxygenase-1 and blocking NF- κ B and STAT1 activation. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 136-145.	4.0	29
34	Cationic Amphipathic Triazines with Potent Anti-bacterial, Anti-inflammatory and Anti-atopic Dermatitis Properties. <i>Scientific Reports</i> , 2019, 9, 1292.	3.3	29
35	Risk Assessment of Tetrabromobisphenol a on Cyclooxygenase-2 Expression Via Map Kinase/NF- κ B/AP-1 Signaling Pathways in Murine Macrophages. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 72, 1431-1438.	2.3	27
36	Inhibitory effect of 3-caffeoyl-4-dicaffeoylquinic acid from <i>Salicornia herbacea</i> against phorbol ester-induced cyclooxygenase-2 expression in macrophages. <i>Chemico-Biological Interactions</i> , 2010, 183, 397-404.	4.0	26

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37	N-Acetylglucosamine suppress collagenases activation in ultraviolet B-irradiated human dermal fibroblasts: Involvement of calcium ions and mitogen-activated protein kinases. <i>Journal of Dermatological Science</i> , 2011, 63, 93-103.	1.9	26
38	Endosulfan induces COX-2 expression via NADPH oxidase and the ROS, MAPK, and Akt pathways. <i>Archives of Toxicology</i> , 2015, 89, 2039-2050.	4.2	26
39	Kahweol inhibits proliferation and induces apoptosis by suppressing fatty acid synthase in HER2-overexpressing cancer cells. <i>Food and Chemical Toxicology</i> , 2018, 121, 326-335.	3.6	26
40	Inhibitory effect of <i>Psidium guajava</i> water extract in the development of 2,4-dinitrochlorobenzene-induced atopic dermatitis in NC/Nga mice. <i>Food and Chemical Toxicology</i> , 2012, 50, 2923-2929.	3.6	25
41	Protective mechanisms of <i>Aralia continentalis</i> extract against tert-butyl hydroperoxide-induced hepatotoxicity: In vivo and in vitro studies. <i>Food and Chemical Toxicology</i> , 2008, 46, 3512-3521.	3.6	24
42	Ethyl acetate extract of <i>Psidium guajava</i> inhibits IgE-mediated allergic responses by blocking Fc ϵ RI signaling. <i>Food and Chemical Toxicology</i> , 2011, 49, 100-108.	3.6	24
43	Inflammatory effect of endosulfan via NF- κ B activation in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 860-865.	2.1	23
44	Supramolecular Carbon Monoxide-Releasing Peptide Hydrogel Patch. <i>Advanced Functional Materials</i> , 2018, 28, 1803051.	14.9	23
45	Saponins from the roots of <i>Platycodon grandiflorum</i> suppress ultraviolet A-induced matrix metalloproteinase-1 expression via MAPKs and NF- κ B/AP-1-dependent signaling in HaCaT cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 3374-3382.	3.6	21
46	The role of cyclooxygenase-2-dependent signaling via cyclic AMP response element activation on aromatase up-regulation by o,p'-DDT in human breast cancer cells. <i>Toxicology Letters</i> , 2010, 198, 331-341.	0.8	20
47	Methoxychlor-induced inducible nitric oxide synthase and proinflammatory cytokines expression in macrophages via NF- κ B, ERK, and p38 mitogen-activated protein kinases. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 1234-1240.	2.1	18
48	Metallothionein-III Provides Neuronal Protection through Activation of Nuclear Factor- κ B via the TrkA/Phosphatidylinositol-3 kinase/Akt Signaling Pathway. <i>Toxicological Sciences</i> , 2009, 112, 435-449.	3.1	18
49	Dihydro-N-caffeoyltyramine down-regulates cyclooxygenase-2 expression by inhibiting the activities of C/EBP and AP-1 transcription factors. <i>Food and Chemical Toxicology</i> , 2010, 48, 579-586.	3.6	18
50	Inhibitory effect of dihydroartemisinin against phorbol ester-induced cyclooxygenase-2 expression in macrophages. <i>Food and Chemical Toxicology</i> , 2013, 56, 93-99.	3.6	18
51	Crystal structures reveal a new and novel FoxO1 binding site within the human glucose-6-phosphatase catalytic subunit 1 gene promoter. <i>Journal of Structural Biology</i> , 2017, 198, 54-64.	2.8	18
52	Structure-Dependent Antimicrobial Theranostic Functions of Self-Assembled Short Peptide Nanoagents. <i>Biomacromolecules</i> , 2017, 18, 3600-3610.	5.4	17
53	Effect of troglitazone on CYP1A1 induction. <i>Toxicology</i> , 2008, 246, 166-171.	4.2	16
54	The coffee diterpene kahweol inhibits metastasis by modulating expressions of MMPs and VEGF via STAT3 inactivation. <i>Food Chemistry</i> , 2012, 133, 1521-1529.	8.2	16

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55	Mitochondrial carnitine palmitoyltransferase 2 is involved in N ¹ μ -(carboxymethyl)-lysine-mediated diabetic nephropathy. <i>Pharmacological Research</i> , 2020, 152, 104600.	7.1	16
56	Rutaecarpine Increases Nitric Oxide Synthesis via eNOS Phosphorylation by TRPV1-Dependent CaMKII and CaMKK β /AMPK Signaling Pathway in Human Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9407.	4.1	16
57	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. <i>Food and Chemical Toxicology</i> , 2019, 125, 1-9.	3.6	15
58	Induction of cyclooxygenase-2 by ginsenoside Rd via activation of CCAAT-enhancer binding proteins and cyclic AMP response binding protein. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 51-56.	2.1	14
59	Chemopreventive effects of Furan-2-yl-3-pyridin-2-yl-propenone against 7,12-dimethylbenz[a]anthracene-inducible genotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 343-350.	2.8	14
60	Capsaicin induces CYP3A4 expression via pregnane X receptor and CCAAT/enhancer binding protein 1 α activation. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 797-809.	3.3	14
61	Rutaecarpine Protects against Acetaminophen-Induced Acute Liver Injury in Mice by Activating Antioxidant Enzymes. <i>Antioxidants</i> , 2021, 10, 86.	5.1	14
62	Betulinic Acid Induces eNOS Expression via the AMPK-Dependent KLF2 Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14523-14530.	5.2	13
63	Sesamin Induces Endothelial Nitric Oxide Synthase Activation via Transient Receptor Potential Vanilloid Type 1. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3474-3484.	5.2	13
64	Endosulfan Induces CYP1A1 Expression Mediated through Aryl Hydrocarbon Receptor Signal Transduction by Protein Kinase C. <i>Toxicological Research</i> , 2015, 31, 339-345.	2.1	13
65	1-Bromopropane induces macrophage activation via extracellular signal-regulated kinase 1/2 MAPK and NF- κ B pathways. <i>Cancer Letters</i> , 2008, 262, 28-36.	7.2	12
66	Platycodi Radix suppresses development of atopic dermatitis-like skin lesions. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 446-452.	4.0	12
67	MED25 Is a Mediator Component of HNF4 α -Driven Transcription Leading to Insulin Secretion in Pancreatic Beta-Cells. <i>PLoS ONE</i> , 2012, 7, e44007.	2.5	12
68	Molecular mechanism of endothelial nitric-oxide synthase activation by Platycodon grandiflorum root-derived saponins. <i>Toxicology Letters</i> , 2010, 195, 106-113.	0.8	11
69	Photo-crosslinkable elastomeric protein-derived supramolecular peptide hydrogel with controlled therapeutic CO ₂ -release. <i>Nanoscale</i> , 2019, 11, 17327-17333.	5.6	11
70	Methoxychlor Suppresses the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-inducible CYP1A1 Expression in Murine Hepa-1c1c7 Cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 1304-1309.	2.3	10
71	Enhanced expression of aromatase in p53-inactivated mammary epithelial cells. <i>Endocrine-Related Cancer</i> , 2008, 15, 139-147.	3.1	9
72	Impressic Acid, a Lupane-Type Triterpenoid from <i>Acanthopanax koreanum</i> , Attenuates TNF- α -Induced Endothelial Dysfunction via Activation of eNOS/NO Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5772.	4.1	9

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73	Activity-Based Protein Profiling Reveals Potential Dasatinib Targets in Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9276.	4.1	9
74	A Novel Protein-Protein Interaction between RSK3 and β -catenin and a New Binding Inhibitor That Suppresses Breast Cancer Tumorigenesis. <i>Cancers</i> , 2021, 13, 2973.	3.7	9
75	Comparison of protein characterization using In solution and S-Trap digestion methods for proteomics. <i>Biochemical and Biophysical Research Communications</i> , 2022, 589, 197-203.	2.1	9
76	Upregulation of Cyclooxygenase-2 by 4-Nonylphenol is Mediated Through the Cyclic Amp Response Element Activation Pathway. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 1451-1464.	2.3	8
77	CCAAT/enhancer-binding protein β activation by capsaicin contributes to the regulation of CYP1A1 expression, mediated by the aryl hydrocarbon receptor. <i>British Journal of Pharmacology</i> , 2011, 164, 1600-1613.	5.4	8
78	Caffeic acid phenethyl ester inhibits 3-MC-induced CYP1A1 expression through induction of hypoxia-inducible factor-1 α . <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 562-568.	2.1	8
79	G protein-coupled estrogen receptor regulates the KLF2-dependent eNOS expression by activating of Ca ²⁺ and EGFR signaling pathway in human endothelial cells. <i>Biochemical Pharmacology</i> , 2021, 192, 114721.	4.4	8
80	Effect of Porcine Whole Blood Protein Hydrolysate on Slow-Twitch Muscle Fiber Expression and Mitochondrial Biogenesis via the AMPK/SIRT1 Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1229.	4.1	7
81	Immune-Enhancing Effect of Submerged Culture of <i>Ceriporia lacerata</i> Mycelia on Cyclophosphamide-Induced Immunosuppressed Mice and the Underlying Mechanisms in Macrophages. <i>International Journal of Molecular Sciences</i> , 2022, 23, 597.	4.1	7
82	Glycolaldehyde, an Advanced Glycation End Products Precursor, Induces Apoptosis via ROS-Mediated Mitochondrial Dysfunction in Renal Mesangial Cells. <i>Antioxidants</i> , 2022, 11, 934.	5.1	7
83	Hypoxia-Responsive Luminescent CEST MRI Agent for <i>In Vitro</i> and <i>In Vivo</i> Tumor Detection and Imaging. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7106-7117.	6.4	7
84	1-Bromopropane up-regulates cyclooxygenase-2 expression via NF- κ B and C/EBP activation in murine macrophages. <i>Food and Chemical Toxicology</i> , 2012, 50, 1616-1622.	3.6	6
85	ErbB3-binding protein 1 (EBP1) represses HNF4 α -mediated transcription and insulin secretion in pancreatic β -cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 13983-13994.	3.4	6
86	Impressic Acid Attenuates the Lipopolysaccharide-Induced Inflammatory Response by Activating the AMPK/GSK3 β /Nrf2 Axis in RAW264.7 Macrophages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 762.	4.1	6
87	Impressic Acid Ameliorates Atopic Dermatitis-Like Skin Lesions by Inhibiting ERK1/2-Mediated Phosphorylation of NF- κ B and STAT1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2334.	4.1	6
88	Co-relation with novel phosphorylation sites of β -catenin and necroptosis in breast cancer cells. <i>BMC Cancer</i> , 2021, 21, 596.	2.6	6
89	Pillar-Based Mechanical Induction of an Aggressive Tumorigenic Lung Cancer Cell Model. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 20-31.	8.0	5
90	Prolonged MEK inhibition leads to acquired resistance and increased invasiveness in KRAS mutant gastric cancer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 507, 311-318.	2.1	4

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91	Peroxisome-targeted Supramolecular Nanoprobes Assembled with Pyrene-labelled Peptide Amphiphiles. Chemistry - an Asian Journal, 2018, 13, 3485-3490.	3.3	4
92	Dimerization defective MODY mutations of hepatocyte nuclear factor 4 β . Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2019, 814, 1-6.	1.0	4
93	A small-molecule inhibitor targeting the AURKC- β interaction decreases transformed growth of MDA-MB-231 breast cancer cells. Oncotarget, 2017, 8, 69691-69708.	1.8	4
94	Repression of HNF1 β -mediated transcription by amino-terminal enhancer of split (AES). Biochemical and Biophysical Research Communications, 2015, 468, 14-20.	2.1	3
95	Glutathione-adaptive peptide amphiphile vesicles rationally designed using positionable disulfide-bridges for effective drug transport. Polymer Chemistry, 2020, 11, 4547-4556.	3.9	3
96	Influence of o,p'-DDT on MUC5AC expression via regulation of NF- κ B/AP-1 activation in human lung epithelial cells. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2021, 84, 836-845.	2.3	3
97	Vitamin E-Conjugated Phosphopeptide Inhibitor of the Polo-Box Domain of Polo-Like Kinase 1. Molecular Pharmaceutics, 2019, 16, 4867-4877.	4.6	2
98	Effects of Porcine Whole-Blood Protein Hydrolysate on Exercise Function and Skeletal Muscle Differentiation. Applied Sciences (Switzerland), 2022, 12, 17.	2.5	2
99	Effect of 3-caffeoyl, 4-dihydrocaffeoylquinic acid from Salicornia herbacea on endothelial nitric oxide synthase activation via calcium signaling pathway. Toxicological Research, 2022, 38, 355-364.	2.1	1
100	Gas-Therapeutic Hydrogels: Supramolecular Carbon Monoxide-Releasing Peptide Hydrogel Patch (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 T	14.9	0
101	Abstract 2714: Effects of endosulfan on COX-2 expression via NADPH oxidase and the ROS, MAPK, and Akt pathways. , 2015, , .		0