

# Hye-Gwang Jeong

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6233811/hye-gwang-jeong-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

259  
papers

7,810  
citations

49  
h-index

69  
g-index

263  
ext. papers

8,594  
ext. citations

4.9  
avg, IF

5.84  
L-index

#	Paper	IF	Citations
259	Ginsenoside Rb1 protects against 6-hydroxydopamine-induced oxidative stress by increasing heme oxygenase-1 expression through an estrogen receptor-related PI3K/Akt/Nrf2-dependent pathway in human dopaminergic cells. <i>Toxicology and Applied Pharmacology</i> , <b>2010</b> , 242, 18-28	4.6	152
258	Hepatoprotective effects of 18beta-glycyrrhetic acid on carbon tetrachloride-induced liver injury: inhibition of cytochrome P450 2E1 expression. <i>Pharmacological Research</i> , <b>2002</b> , 46, 221-7	10.2	148
257	Metformin inhibits P-glycoprotein expression via the NF- $\kappa$ B pathway and CRE transcriptional activity through AMPK activation. <i>British Journal of Pharmacology</i> , <b>2011</b> , 162, 1096-108	8.6	131
256	Inhibition of cytochrome P450 2E1 expression by oleanolic acid: hepatoprotective effects against carbon tetrachloride-induced hepatic injury. <i>Toxicology Letters</i> , <b>1999</b> , 105, 215-22	4.4	128
255	Metformin induces microRNA-34a to downregulate the Sirt1/Pgc-1 $\alpha$ /Nrf2 pathway, leading to increased susceptibility of wild-type p53 cancer cells to oxidative stress and therapeutic agents. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 74, 21-34	7.8	124
254	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> , <b>2011</b> , 31, 896-906	4	118
253	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> , <b>2011</b> , 49, 93-9	4.7	114
252	Increased expression of Nrf2/ARE-dependent anti-oxidant proteins in tamoxifen-resistant breast cancer cells. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 45, 537-46	7.8	113
251	Hepatoprotective and antioxidant effects of the coffee diterpenes kahweol and cafestol on carbon tetrachloride-induced liver damage in mice. <i>Food and Chemical Toxicology</i> , <b>2007</b> , 45, 2118-25	4.7	113
250	The coffee diterpene kahweol induces heme oxygenase-1 via the PI3K and p38/Nrf2 pathway to protect human dopaminergic neurons from 6-hydroxydopamine-derived oxidative stress. <i>FEBS Letters</i> , <b>2008</b> , 582, 2655-62	3.8	112
249	Protective effect of acteoside on carbon tetrachloride-induced hepatotoxicity. <i>Life Sciences</i> , <b>2004</b> , 74, 1051-64	6.8	104
248	Suppressive effects of the kahweol and cafestol on cyclooxygenase-2 expression in macrophages. <i>FEBS Letters</i> , <b>2004</b> , 569, 321-6	3.8	101
247	Protective effects of kahweol and cafestol against hydrogen peroxide-induced oxidative stress and DNA damage. <i>Toxicology Letters</i> , <b>2007</b> , 173, 80-7	4.4	95
246	Protective effect of Platycodi radix on carbon tetrachloride-induced hepatotoxicity. <i>Food and Chemical Toxicology</i> , <b>2002</b> , 40, 517-25	4.7	90
245	Metformin inhibits heme oxygenase-1 expression in cancer cells through inactivation of Raf-ERK-Nrf2 signaling and AMPK-independent pathways. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 271, 229-38	4.6	89
244	Antitumor efficacy of piperine in the treatment of human HER2-overexpressing breast cancer cells. <i>Food Chemistry</i> , <b>2013</b> , 141, 2591-9	8.5	89
243	Suppression of PMA-induced tumor cell invasion by dihydroartemisinin via inhibition of PKC $\alpha$ /Raf/MAPKs and NF- $\kappa$ B/AP-1-dependent mechanisms. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 1714-26	6	88

242	The effect of gut microbiota on drug metabolism. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2013</b> , 9, 1295-308	5.5	84
241	Immunostimulatory activity of aqueous extract isolated from <i>Prunella vulgaris</i> . <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 62-9	4.7	83
240	The flavonoids apigenin and luteolin suppress ultraviolet A-induced matrix metalloproteinase-1 expression via MAPKs and AP-1-dependent signaling in HaCaT cells. <i>Journal of Dermatological Science</i> , <b>2011</b> , 61, 23-31	4.3	81
239	Mechanism of phytoestrogen puerarin-mediated cytoprotection following oxidative injury: estrogen receptor-dependent up-regulation of PI3K/Akt and HO-1. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 233, 371-81	4.6	81
238	Augmentation of macrophage functions by an aqueous extract isolated from <i>Platycodon grandiflorum</i> . <i>Cancer Letters</i> , <b>2001</b> , 166, 17-25	9.9	79
237	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> , <b>2011</b> , 55, 594-605	5.9	76
236	Hepatoprotective effects of <i>Platycodon grandiflorum</i> on acetaminophen-induced liver damage in mice. <i>Cancer Letters</i> , <b>2001</b> , 174, 73-81	9.9	76
235	Protective mechanisms of anthocyanins from purple sweet potato against tert-butyl hydroperoxide-induced hepatotoxicity. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 2081-9	4.7	73
234	A Leu-Lys-rich antimicrobial peptide: activity and mechanism. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2003</b> , 1645, 172-82	4	73
233	Polysaccharide isolated from <i>Poria cocos sclerotium</i> induces NF-kappaB/Rel activation and iNOS expression through the activation of p38 kinase in murine macrophages. <i>International Immunopharmacology</i> , <b>2004</b> , 4, 1029-38	5.8	73
232	Suppression of phorbol-12-myristate-13-acetate-induced tumor cell invasion by piperine via the inhibition of PKC/ERK1/2-dependent matrix metalloproteinase-9 expression. <i>Toxicology Letters</i> , <b>2011</b> , 203, 9-19	4.4	72
231	Protective effect of saponins derived from roots of <i>Platycodon grandiflorum</i> on tert-butyl hydroperoxide-induced oxidative hepatotoxicity. <i>Toxicology Letters</i> , <b>2004</b> , 147, 271-82	4.4	71
230	Bisphenol A-induced aromatase activation is mediated by cyclooxygenase-2 up-regulation in rat testicular Leydig cells. <i>Toxicology Letters</i> , <b>2010</b> , 193, 200-8	4.4	68
229	Ursolic acid enhances nitric oxide and tumor necrosis factor-alpha production via nuclear factor-kappaB activation in the resting macrophages. <i>FEBS Letters</i> , <b>2001</b> , 509, 156-60	3.8	68
228	Inhibitory effect of the saponins derived from roots of <i>Platycodon grandiflorum</i> on carrageenan-induced inflammation. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2006</b> , 70, 858-64	2.1	67
227	Protective effect of metallothionein-III on DNA damage in response to reactive oxygen species. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2002</b> , 1573, 33-8	4	64
226	Non-specific inhibition of cytochrome P450 activities by chlorophyllin in human and rat liver microsomes. <i>Carcinogenesis</i> , <b>1995</b> , 16, 1437-40	4.6	62
225	Inhibitory effect of <i>Platycodi Radix</i> on ovalbumin-induced airway inflammation in a murine model of asthma. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 1272-9	4.7	59

224	Saponins isolated from the root of <i>Platycodon grandiflorum</i> protect against acute ethanol-induced hepatotoxicity in mice. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 530-5	4.7	57
223	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> , <b>2008</b> , 46, 1778-85	4.7	57
222	Aqueous extract isolated from <i>Platycodon grandiflorum</i> elicits the release of nitric oxide and tumor necrosis factor-alpha from murine macrophages. <i>International Immunopharmacology</i> , <b>2001</b> , 1, 1141-51	5.8	57
221	Molecular mechanism of suppression of MDR1 by puerarin from <i>Pueraria lobata</i> via NF-kappaB 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> , <b>2010</b> , 54, 918-26	5.9	56
220	Metallothionein-2A overexpression increases the expression of matrix metalloproteinase-9 and invasion of breast cancer cells. <i>FEBS Letters</i> , <b>2011</b> , 585, 421-8	3.8	55
219	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> , <b>2008</b> , 231, 318-27	4.6	54
218	17 beta-estradiol increases inducible nitric oxide synthase expression in macrophages. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 303, 1129-34	3.4	54
217	Role of Intestinal Microbiota in Baicalin-Induced Drug Interaction and Its Pharmacokinetics. <i>Molecules</i> , <b>2016</b> , 21, 337	4.8	54
216	Saponins derived from the roots of <i>Platycodon grandiflorum</i> inhibit HT-1080 cell invasion and MMPs activities: regulation of NF-kappaB activation via ROS signal pathway. <i>Cancer Letters</i> , <b>2008</b> , 268, 233-43	9.9	53
215	Piperine inhibits PMA-induced cyclooxygenase-2 expression through downregulating NF-B, C/EBP and AP-1 signaling pathways in murine macrophages. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2342-8	4.7	52
214	Protective effects of puerarin on carbon tetrachloride-induced hepatotoxicity. <i>Archives of Pharmacal Research</i> , <b>2007</b> , 30, 1309-17	6.1	52
213	Nitric oxide and tumor necrosis factor-alpha production by oleanolic acid via nuclear factor-kappaB activation in macrophages. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 288, 49-55	3.4	52
212	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> , <b>2009</b> , 47, 1069-75	4.7	51
211	Protective effect of caffeic acid phenethyl ester against carbon tetrachloride-induced hepatotoxicity in mice. <i>Toxicology</i> , <b>2008</b> , 248, 18-24	4.4	49
210	Protective effect of the <i>Aralia continentalis</i> root extract against carbon tetrachloride-induced hepatotoxicity in mice. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 75-81	4.7	48
209	Oncogenic H-Ras enhances DNA repair through the Ras/phosphatidylinositol 3-kinase/Rac1 pathway in NIH3T3 cells. Evidence for association with reactive oxygen species. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 19358-66	5.4	48
208	Role of metabolism by intestinal microbiota in pharmacokinetics of oral baicalin. <i>Archives of Pharmacal Research</i> , <b>2014</b> , 37, 371-8	6.1	47
207	Puerarin activates endothelial nitric oxide synthase through estrogen receptor-dependent PI3-kinase and calcium-dependent AMP-activated protein kinase. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 257, 48-58	4.6	47

206	Kahweol blocks STAT3 phosphorylation and induces apoptosis in human lung adenocarcinoma A549 cells. <i>Toxicology Letters</i> , <b>2009</b> , 187, 28-34	4.4	47
205	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> , <b>2007</b> , 581, 749-56	3.8	47
204	Inhibition of tumor invasion and metastasis by aqueous extract of the radix of Platycodon grandiflorum. <i>Food and Chemical Toxicology</i> , <b>2006</b> , 44, 1890-6	4.7	47
203	Tungtungmadic acid, a novel antioxidant, from Salicornia herbacea. <i>Archives of Pharmacal Research</i> , <b>2005</b> , 28, 1122-6	6.1	47
202	Down-regulation of inducible nitric oxide synthase and tumor necrosis factor-alpha expression by bisphenol A via nuclear factor-kappaB inactivation in macrophages. <i>Cancer Letters</i> , <b>2003</b> , 196, 69-76	9.9	46
201	The coffee diterpene kahweol suppress the inducible nitric oxide synthase expression in macrophages. <i>Cancer Letters</i> , <b>2004</b> , 213, 147-54	9.9	45
200	Induction of inducible nitric oxide synthase expression by 18beta-glycyrrhetic acid in macrophages. <i>FEBS Letters</i> , <b>2002</b> , 513, 208-12	3.8	44
199	Protective mechanisms of 3-caffeoyl, 4-dihydrocaffeoyl quinic acid from Salicornia herbacea against tert-butyl hydroperoxide-induced oxidative damage. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 181, 366-76	5	43
198	Inhibitory effect of Platycodi Radix on ovalbumin-induced airway inflammation in a murine model of asthma. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 1272-1279	4.7	43
197	Topical application of Pleurotus eryngii 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> , <b>2013</b> , 53, 38-45	4.7	40
196	Cultivated ginseng inhibits 2,4-dinitrochlorobenzene-induced atopic dermatitis-like skin lesions in NC/Nga mice and TNF- $\alpha$ -induced TARC activation in HaCaT cells. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 56, 195-203	4.7	40
195	Ilmaquinone induces death receptor expression and sensitizes human colon cancer cells to TRAIL-induced apoptosis through activation of ROS-ERK/p38 MAPK-CHOP signaling pathways. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 71, 51-9	4.7	40
194	Transcription factors NF- $\kappa$ B regulate the induction of human OGG1 following DNA-alkylating agent methylmethane sulfonate (MMS) treatment. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 9857-66	5.4	40
193	Molecular Mechanism of Tetrabromobisphenol A (TBBPA)-induced Target Organ Toxicity in Sprague-Dawley Male Rats. <i>Toxicological Research</i> , <b>2011</b> , 27, 61-70	3.7	40
192	Impact of gut microbiota on drug metabolism: an update for safe and effective use of drugs. <i>Archives of Pharmacal Research</i> , <b>2017</b> , 40, 1345-1355	6.1	38
191	Anti-fibrotic effects of the anthocyanins isolated from the purple-fleshed sweet potato on hepatic fibrosis induced by dimethylnitrosamine administration in rats. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 3137-43	4.7	38
190	o,p'-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> , <b>2008</b> , 233, 333-42	4.6	38
189	Acetylation of histone deacetylase 6 by p300 attenuates its deacetylase activity. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 383, 88-92	3.4	37

188	Hepatoprotective effects of an anthocyanin fraction from purple-fleshed sweet potato against acetaminophen-induced liver damage in mice. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 320-6	2.8	37
187	Protective effect of rutaecarpine against t-BHP-induced hepatotoxicity by upregulating antioxidant enzymes via the CaMKII-Akt and Nrf2/ARE pathways. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 100, 138-148	4.7	36
186	Role of metabolism by human intestinal microflora in geniposide-induced toxicity in HepG2 cells. <i>Archives of Pharmacal Research</i> , <b>2012</b> , 35, 733-8	6.1	36
185	Suppression of PMA-induced tumor cell invasion and metastasis by aqueous extract isolated from <i>Prunella vulgaris</i> via the inhibition of NF-kappaB-dependent MMP-9 expression. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 564-71	4.7	36
184	Protective effects of saponins from the root of <i>Platycodon grandiflorum</i> against fatty liver in chronic ethanol feeding via the activation of AMP-dependent protein kinase. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 2749-54	4.7	36
183	Inhibitory effects of l-theanine on airway inflammation in ovalbumin-induced allergic asthma. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 99, 162-169	4.7	35
182	<i>Platycodon grandiflorum</i> root-derived saponins attenuate atopic dermatitis-like skin lesions via suppression of NF- $\kappa$ B and STAT1 and activation of Nrf2/ARE-mediated heme oxygenase-1. <i>Phytomedicine</i> , <b>2014</b> , 21, 1053-61	6.5	35
181	Capsaicin Inhibits Dimethylnitrosamine-Induced Hepatic Fibrosis by Inhibiting the TGF- $\beta$ /Smad Pathway via Peroxisome Proliferator-Activated Receptor Gamma Activation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 317-326	5.7	34
180	Metformin suppresses CYP1A1 and CYP1B1 expression in breast cancer cells by down-regulating aryl hydrocarbon receptor expression. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 280, 138-48	4.6	34
179	<i>Houttuynia cordata</i> water extract suppresses anaphylactic reaction and IgE-mediated allergic response by inhibiting multiple steps of FcepsilonRI signaling in mast cells. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 1659-66	4.7	34
178	Inhibition of tumor necrosis factor-alpha-induced expression of adhesion molecules in human endothelial cells by the saponins derived from roots of <i>Platycodon grandiflorum</i> . <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 210, 150-6	4.6	34
177	Potent protective effect of isoimperatorin against aflatoxin B1-inducible cytotoxicity in H4IIE cells: bifunctional effects on glutathione S-transferase and CYP1A. <i>Carcinogenesis</i> , <b>2006</b> , 27, 2483-90	4.6	34
176	Biotransformation of geniposide by human intestinal microflora on cytotoxicity against HepG2 cells. <i>Toxicology Letters</i> , <b>2012</b> , 209, 246-54	4.4	33
175	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> , <b>2010</b> , 48, 3362-8	4.7	33
174	Induction of inducible nitric oxide synthase and proinflammatory cytokines expression by o,p'-DDT in macrophages. <i>Toxicology Letters</i> , <b>2004</b> , 147, 261-9	4.4	33
173	S-allyl cysteine attenuates free fatty acid-induced lipogenesis in human HepG2 cells through activation of the AMP-activated protein kinase-dependent pathway. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 1469-78	6.3	32
172	Xanthohumol from the hop plant stimulates osteoblast differentiation by RUNX2 activation. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 409, 82-9	3.4	32
171	Novel role of Pin1 induction in type II collagen-mediated rheumatoid arthritis. <i>Journal of Immunology</i> , <b>2009</b> , 183, 6689-97	5.3	32



170	Suppression of phorbol-12-myristate-13-acetate-induced tumor cell invasion by bergamottin via the inhibition of protein kinase Cdelta/p38 mitogen-activated protein kinase and JNK/nuclear factor-kappaB-dependent matrix metalloproteinase-9 expression. <i>Molecular Nutrition and Food Research</i> , <b>2010</b> , 54, 977-90	5.9	32
169	Protective effects of diallyl sulfide on N-nitrosodimethylamine-induced immunosuppression in mice. <i>Cancer Letters</i> , <b>1998</b> , 134, 73-9	9.9	32
168	The coffee diterpene kahweol inhibits tumor necrosis factor-alpha-induced expression of cell adhesion molecules in human endothelial cells. <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 217, 332-41	4.6	32
167	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> , <b>2006</b> , 29, 570-6	6.1	31
166	Inhibitory effect of the coffee diterpene kahweol on carrageenan-induced inflammation in rats. <i>BioFactors</i> , <b>2006</b> , 26, 17-28	6.1	31
165	Suppressive effects of Platycodon grandiflorum on the progress of carbon tetrachloride-induced hepatic fibrosis. <i>Archives of Pharmacal Research</i> , <b>2004</b> , 27, 1238-44	6.1	31
164	Overexpression of human metallothionein-III prevents hydrogen peroxide-induced oxidative stress in human fibroblasts. <i>FEBS Letters</i> , <b>2002</b> , 521, 175-9	3.8	31
163	Platycodi Radix attenuates dimethylnitrosamine-induced liver fibrosis in rats by inducing Nrf2-mediated antioxidant enzymes. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 56, 231-9	4.7	30
162	Saponins, especially platycodin D, from Platycodon grandiflorum modulate hepatic lipogenesis in high-fat diet-fed rats and high glucose-exposed HepG2 cells. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 267, 174-83	4.6	29
161	Phillyrin attenuates high glucose-induced lipid accumulation in human HepG2 hepatocytes through the activation of LKB1/AMP-activated protein kinase-dependent signalling. <i>Food Chemistry</i> , <b>2013</b> , 136, 415-25	8.5	29
160	Protective effect of caffeic acid phenethyl ester on tert-butyl hydroperoxide-induced oxidative hepatotoxicity and DNA damage. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 2445-50	4.7	29
159	Inhibition of acrolein-stimulated MUC5AC expression by Platycodon grandiflorum root-derived saponin in A549 cells. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 2157-66	4.7	28
158	Up-regulation of CYP1A1 by rutaecarpine is dependent on aryl hydrocarbon receptor and calcium. <i>Toxicology</i> , <b>2009</b> , 266, 38-47	4.4	28
157	Effects of o,p'-DDT on the 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible CYP1A1 expression in murine Hepa-1c1c7 cells. <i>Food and Chemical Toxicology</i> , <b>2002</b> , 40, 1685-92	4.7	28
156	Saponins from the roots of Platycodon grandiflorum suppresses TGFβ-induced epithelial-mesenchymal transition via repression of PI3K/Akt, ERK1/2 and Smad2/3 pathway in human lung carcinoma A549 cells. <i>Nutrition and Cancer</i> , <b>2014</b> , 66, 140-51	2.8	27
155	Inhibitory Activity of (+)-Usnic Acid against Non-Small Cell Lung Cancer Cell Motility. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146575	3.7	27
154	Acteoside inhibits PMA-induced matrix metalloproteinase-9 expression via CaMK/ERK- and JNK/NF-κB-dependent signaling. <i>Molecular Nutrition and Food Research</i> , <b>2011</b> , 55 Suppl 1, S103-16	5.9	26
153	Metallothionein-III induces HIF-1alpha-mediated VEGF expression in brain endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 369, 666-71	3.4	26

152	Antimicrobial mechanism of Glycyrrhetic acid isolated from licorice, <i>Glycyrrhiza glabra</i> . <i>Biotechnology Letters</i> , <b>2002</b> , 24, 1899-1902	3	26
151	Betulinic Acid Increases eNOS Phosphorylation and NO Synthesis via the Calcium-Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 785-91	5.7	25
150	3-Caffeoyl, 4-dihydrocaffeoylquinic acid from <i>Salicornia herbacea</i> attenuates high glucose-induced hepatic lipogenesis in human HepG2 cells through activation of the liver kinase B1 and silent information regulator T1/AMPK-dependent pathway. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 471-82	5.9	25
149	Cultivated ginseng suppresses ultraviolet B-induced collagenase activation via mitogen-activated protein kinases and nuclear factor $\kappa$ B/activator protein-1-dependent signaling in human dermal fibroblasts. <i>Nutrition Research</i> , <b>2012</b> , 32, 428-38	4	25
148	Suppressive effects of estradiol on 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated transcriptional activation of murine Cyp1a-1 in mouse hepatoma Hepa 1c1c7 cells. <i>Cancer Letters</i> , <b>1998</b> , 133, 177-84	9.9	25
147	Suppression of inducible nitric oxide synthase and tumor necrosis factor-alpha expression by 4-nonylphenol in macrophages. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 294, 753-9	3.4	25
146	Role of intestinal microflora in xenobiotic-induced toxicity. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 84-99	5.9	24
145	Upregulation of Stat1-HDAC4 confers resistance to etoposide through enhanced multidrug resistance 1 expression in human A549 lung cancer cells. <i>Molecular Medicine Reports</i> , <b>2015</b> , 11, 2315-21	2.9	24
144	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> , <b>2011</b> , 49, 1416-25	4.7	24
143	Rac1 prevents cisplatin-induced apoptosis through down-regulation of p38 activation in NIH3T3 cells. <i>FEBS Letters</i> , <b>2002</b> , 518, 129-34	3.8	24
142	Saponins from the roots of <i>Platycodon grandiflorum</i> ameliorate high fat diet-induced non-alcoholic steatohepatitis. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 86, 205-212	7.5	23
141	Saponins from <i>Platycodon grandiflorum</i> inhibit hepatic lipogenesis through induction of SIRT1 and activation of AMP-activated protein kinase in high-glucose-induced HepG2 cells. <i>Food Chemistry</i> , <b>2013</b> , 140, 115-23	8.5	23
140	Metallothionein-III prevents gamma-ray-induced 8-oxoguanine accumulation in normal and hOGG1-depleted cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 34138-49	5.4	23
139	Influence on the plasma membrane of <i>Candida albicans</i> by HP (29)thagainin 2 (112) hybrid peptide. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 297, 885-889	3.4	23
138	Tetrabromobisphenol A Induces MMP-9 Expression via NADPH Oxidase and the activation of ROS, MAPK, and Akt Pathways in Human Breast Cancer MCF-7 Cells. <i>Toxicological Research</i> , <b>2019</b> , 35, 93-101	3.7	22
137	<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- $\kappa$ B and STAT1 activation. <i>Environmental Toxicology and Pharmacology</i> , <b>2011</b> , 32, 136-45	5.8	22
136	Role of metabolism by the human intestinal microflora in arbutin-induced cytotoxicity in HepG2 cell cultures. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 413, 318-24	3.4	22
135	Prostaglandin E2 induces CYP1B1 expression via ligand-independent activation of the ERalpha pathway in human breast cancer cells. <i>Toxicological Sciences</i> , <b>2010</b> , 114, 204-16	4.4	22



134	Murine Cyp1a-1 induction in mouse hepatoma Hepa-1C1C7 cells by myristicin. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 233, 619-22	3.4	22
133	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> , <b>2008</b> , 46, 3512-21	4.7	22
132	Inflammatory effect of endosulfan via NF-kappaB activation in macrophages. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 355, 860-5	3.4	22
131	Deoxycholic acid inhibits pacemaker currents by activating ATP-dependent K <sup>+</sup> channels through prostaglandin E2 in interstitial cells of Cajal from the murine small intestine. <i>British Journal of Pharmacology</i> , <b>2005</b> , 144, 242-51	8.6	22
130	Endosulfan induces COX-2 expression via NADPH oxidase and the ROS, MAPK, and Akt pathways. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 2039-50	5.8	21
129	Risk assessment of tetrabromobisphenol A on cyclooxygenase-2 expression via MAP kinase/NF-kappaB/AP-1 signaling pathways in murine macrophages. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2009</b> , 72, 1431-8	3.2	21
128	Rosmarinic Acid Methyl Ester Inhibits LPS-Induced NO Production via Suppression of MyD88-Dependent and -Independent Pathways and Induction of HO-1 in RAW 264.7 Cells. <i>Molecules</i> , <b>2016</b> , 21,	4.8	21
127	Mollugin inhibits proliferation and induces apoptosis by suppressing fatty acid synthase in HER2-overexpressing cancer cells. <i>Journal of Cellular Physiology</i> , <b>2013</b> , 228, 1087-97	7	20
126	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> , <b>2011</b> , 63, 93-103	4.3	20
125	Anthocyanins isolated from the purple-fleshed sweet potato attenuate the proliferation of hepatic stellate cells by blocking the PDGF receptor. <i>Environmental Toxicology and Pharmacology</i> , <b>2011</b> , 31, 212-9	5.8	20
124	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> , <b>2010</b> , 198, 331-41	4.4	20
123	Nephrotoxic potential and toxicokinetics of tetrabromobisphenol A in rat for risk assessment. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2009</b> , 72, 1439-45	3.2	20
122	Reversal of P-glycoprotein-mediated multidrug resistance is induced by mollugin in MCF-7/adriamycin cells. <i>Phytomedicine</i> , <b>2013</b> , 20, 622-31	6.5	19
121	Ethyl acetate extract of <i>Psidium guajava</i> inhibits IgE-mediated allergic responses by blocking FcRI signaling. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 100-8	4.7	19
120	Saponins from the roots of <i>Platycodon grandiflorum</i> suppress ultraviolet A-induced matrix metalloproteinase-1 expression via MAPKs and NF- $\kappa$ B/AP-1-dependent signaling in HaCaT cells. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 3374-82	4.7	19
119	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> , <b>2010</b> , 183, 397-404	5	19
118	Immunosuppressive effects of rutaecarpine in female BALB/c mice. <i>Toxicology Letters</i> , <b>2006</b> , 164, 155-66	4.4	19
117	Potent inhibition of the inductions of inducible nitric oxide synthase and cyclooxygenase-2 by taiwaniaflavone. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2006</b> , 15, 217-25	5	19

116	Pharmacokinetic Interaction of Chrysin with Caffeine in Rats. <i>Biomolecules and Therapeutics</i> , <b>2016</b> , 24, 446-52	4.2	19
115	Saponins, especially platyconic acid A, from <i>Platycodon grandiflorum</i> reduce airway inflammation in ovalbumin-induced mice and PMA-exposed A549 cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 1468-76	5.7	18
114	Anti-inflammatory effect of sweetfish-derived protein and its enzymatic hydrolysate on LPS-induced RAW264.7 cells via inhibition of NF- $\kappa$ B transcription. <i>Fisheries Science</i> , <b>2012</b> , 78, 381-390	1.9	18
113	Metallothionein-III provides neuronal protection through activation of nuclear factor-kappaB via the TrkA/phosphatidylinositol-3 kinase/Akt signaling pathway. <i>Toxicological Sciences</i> , <b>2009</b> , 112, 435-49	4.4	18
112	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> , <b>2012</b> , 50, 2923-9	4.7	17
111	Calmodulin-dependent kinase II regulates <i>Dlx5</i> during osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 384, 100-4	3.4	17
110	Leptin induces CREB-dependent aromatase activation through COX-2 expression in breast cancer cells. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 106, 232-241	4.7	16
109	A Chemical Switch System to Modulate Chimeric Antigen Receptor T Cell Activity through Proteolysis-Targeting Chimaera Technology. <i>ACS Synthetic Biology</i> , <b>2020</b> , 9, 987-992	5.7	16
108	Effects of baicalin on oral pharmacokinetics of caffeine in rats. <i>Biomolecules and Therapeutics</i> , <b>2015</b> , 23, 201-6	4.2	16
107	Role of metabolism by intestinal bacteria in arbutin-induced toxicity in vitro. <i>Archives of Pharmacal Research</i> , <b>2011</b> , 34, 687-93	6.1	16
106	3-Caffeoyl, 4-dihydrocaffeoylquinic acid from <i>Salicornia herbacea</i> inhibits tumor cell invasion by regulating protein kinase C-delta-dependent matrix metalloproteinase-9 expression. <i>Toxicology Letters</i> , <b>2010</b> , 198, 200-9	4.4	16
105	Methoxychlor-induced inducible nitric oxide synthase and proinflammatory cytokines expression in macrophages via NF-kappaB, ERK, and p38 mitogen-activated protein kinases. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 333, 1234-40	3.4	16
104	Pseudoshikonin I enhances osteoblast differentiation by stimulating Runx2 and Osterix. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 748-757	4.7	15
103	Leptin induces CYP1B1 expression in MCF-7 cells through ligand-independent activation of the ER $\beta$ pathway. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 277, 39-48	4.6	15
102	Suppression of CYP1A1 expression by 4-nonylphenol in murine Hepa-1c1c7 cells. <i>Cancer Letters</i> , <b>2001</b> , 165, 95-101	9.9	15
101	Curcumin Ameliorates Benzo[a]pyrene-Induced DNA Damages in Stomach Tissues of Sprague-Dawley Rats. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
100	Protective role of metabolism by intestinal microflora in butyl paraben-induced toxicity in HepG2 cell cultures. <i>Toxicology Letters</i> , <b>2012</b> , 213, 174-83	4.4	14
99	The coffee diterpene kahweol inhibits metastasis by modulating expressions of MMPs and VEGF via STAT3 inactivation. <i>Food Chemistry</i> , <b>2012</b> , 133, 1521-1529	8.5	14

98	Inhibitory effect of dihydroartemisinin against phorbol ester-induced cyclooxygenase-2 expression in macrophages. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 56, 93-9	4.7	14
97	Effect of troglitazone on CYP1A1 induction. <i>Toxicology</i> , <b>2008</b> , 246, 166-71	4.4	14
96	Induction of inducible nitric oxide synthase gene expression by Pokeweed mitogen. <i>Chemico-Biological Interactions</i> , <b>1999</b> , 118, 113-25	5	14
95	Induction of cytochrome P-450 by dimethyl sulfoxide in primary cultures of adult rat hepatocytes. <i>Toxicology Letters</i> , <b>1992</b> , 61, 275-81	4.4	14
94	Polyhexamethyleneguanidine Phosphate-Induced Cytotoxicity in Liver Cells Is Alleviated by Tauroursodeoxycholic Acid (TUDCA) via a Reduction in Endoplasmic Reticulum Stress. <i>Cells</i> , <b>2019</b> , 8,	7.9	13
93	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> , <b>2010</b> , 48, 579-86	4.7	13
92	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> , <b>2008</b> , 228, 343-50	4.6	13
91	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> , <b>2007</b> , 359, 51-6	3.4	13
90	Protective Effects of Diallyl Sulfide against Thioacetamide-Induced Toxicity: A Possible Role of Cytochrome P450 2E1. <i>Biomolecules and Therapeutics</i> , <b>2014</b> , 22, 149-54	4.2	13
89	Kahweol inhibits proliferation and induces apoptosis by suppressing fatty acid synthase in HER2-overexpressing cancer cells. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 121, 326-335	4.7	13
88	NPS2143 Inhibits MUC5AC and Proinflammatory Mediators in Cigarette Smoke Extract (CSE)-Stimulated Human Airway Epithelial Cells. <i>Inflammation</i> , <b>2017</b> , 40, 184-194	5.1	12
87	Protective role of intestinal bacterial metabolism against baicalin-induced toxicity in HepG2 cell cultures. <i>Journal of Toxicological Sciences</i> , <b>2012</b> , 37, 363-71	1.9	12
86	Chemopreventive effect of saponins derived from roots of Platycodon grandiflorum on 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumorigenesis in A/J mice. <i>Archives of Pharmacal Research</i> , <b>2006</b> , 29, 651-6	6.1	12
85	Expression of inducible nitric oxide synthase by alpha-hederin in macrophages. <i>Planta Medica</i> , <b>2002</b> , 68, 392-6	3.1	12
84	Cytokine-mediated suppression of cytochrome P450 1A1 in Hepa-1c1c7 cells by pokeweed mitogen. <i>Toxicology Letters</i> , <b>2001</b> , 119, 125-32	4.4	12
83	Endosulfan Induces CYP1A1 Expression Mediated through Aryl Hydrocarbon Receptor Signal Transduction by Protein Kinase C. <i>Toxicological Research</i> , <b>2015</b> , 31, 339-45	3.7	12
82	Integration of transcriptomics, proteomics and metabolomics identifies biomarkers for pulmonary injury by polyhexamethylene guanidine phosphate (PHMG-p), a humidifier disinfectant, in rats. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 887-909	5.8	11
81	Evaluation of Estrogenic Activity of Extract from the Herbal Mixture Hemsley Turczaninow, and Nakai. <i>Toxicological Research</i> , <b>2017</b> , 33, 71-77	3.7	11

80	Anti-diabetic and anti-inflammatory effect of a novel selective 11 $\beta$ -HSD1 inhibitor in the diet-induced obese mice. <i>European Journal of Pharmacology</i> , <b>2013</b> , 721, 70-9	5.3	11
79	Platycodin D Inhibits Osteoclastogenesis by Repressing the NFATc1 and MAPK Signaling Pathway. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 860-868	4.7	11
78	Capsaicin induces CYP3A4 expression via pregnane X receptor and CCAAT/enhancer-binding protein $\beta$ activation. <i>Molecular Nutrition and Food Research</i> , <b>2012</b> , 56, 797-809	5.9	11
77	Role of metabolism in 1-bromopropane-induced hepatotoxicity in mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2010</b> , 73, 1431-40	3.2	11
76	1-Bromopropane induces macrophage activation via extracellular signal-regulated kinase 1/2 MAPK and NF- $\kappa$ B pathways. <i>Cancer Letters</i> , <b>2008</b> , 262, 28-36	9.9	11
75	Down-regulation of murine Cyp1a-1 in mouse hepatoma Hepa-1c1c7 cells by bisphenol A. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 277, 594-8	3.4	11
74	Novel benzofuran derivative DK-1014 attenuates lung inflammation via blocking of MAPK/AP-1 and AKT/mTOR signaling in vitro and in vivo. <i>Scientific Reports</i> , <b>2019</b> , 9, 862	4.9	10
73	Metallothionein-III increases ADAM10 activity in association with furin, PC7, and PKC $\delta$ during non-amyloidogenic processing. <i>FEBS Letters</i> , <b>2014</b> , 588, 2294-300	3.8	10
72	Platycodi Radix suppresses development of atopic dermatitis-like skin lesions. <i>Environmental Toxicology and Pharmacology</i> , <b>2012</b> , 33, 446-52	5.8	10
71	Molecular mechanism of endothelial nitric-oxide synthase activation by Platycodon grandiflorum root-derived saponins. <i>Toxicology Letters</i> , <b>2010</b> , 195, 106-13	4.4	10
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> , <b>2007</b> , 70, 1304-9	3.2	10
69	Involvement of cytokines in the hepatic expression of metallothionein by ursolic acid. <i>Toxicology Letters</i> , <b>2005</b> , 155, 369-76	4.4	10
68	Mitochondrial carnitine palmitoyltransferase 2 is involved in N-(carboxymethyl)-lysine-mediated diabetic nephropathy. <i>Pharmacological Research</i> , <b>2020</b> , 152, 104600	10.2	10
67	Betulinic Acid Induces eNOS Expression via the AMPK-Dependent KLF2 Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 14523-14530	5.7	10
66	Ethanol extract of <i>Lithospermum erythrorhizon</i> Sieb. et Zucc. promotes osteoblastogenesis through the regulation of Runx2 and Osterix. <i>International Journal of Molecular Medicine</i> , <b>2016</b> , 38, 610-8	4.4	9
65	Protein kinase a phosphorylates Dlx3 and regulates the function of Dlx3 during osteoblast differentiation. <i>Journal of Cellular Biochemistry</i> , <b>2014</b> , 115, 2004-11	4.7	9
64	Genipin induces cyclooxygenase-2 expression via NADPH oxidase, MAPKs, AP-1, and NF- $\kappa$ B in RAW 264.7 cells. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 64, 126-34	4.7	9
63	Enhanced expression of aromatase in p53-inactivated mammary epithelial cells. <i>Endocrine-Related Cancer</i> , <b>2008</b> , 15, 139-47	5.7	9

62	Cytokine-mediated induction of metallothionein in Hepa-1c1c7 cells by oleanolic acid. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 325, 792-7	3.4	9
61	Suppression of IL-2 and IL-4 gene expression by nodularin through the reduced NF-AT binding activity. <i>Toxicology Letters</i> , <b>2000</b> , 114, 215-24	4.4	9
60	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> , <b>2019</b> , 125, 1-9	4.7	9
59	Anti-Inflammatory Effect of Lupinalbin A Isolated from <i>Apios americana</i> on Lipopolysaccharide-Treated RAW264.7 Cells. <i>Molecules</i> , <b>2018</b> , 23,	4.8	9
58	Sesamin Induces Endothelial Nitric Oxide Synthase Activation via Transient Receptor Potential Vanilloid Type 1. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 3474-3484	5.7	8
57	Minor modifications to ceritinib enhance anti-tumor activity in EML4-ALK positive cancer. <i>Cancer Letters</i> , <b>2016</b> , 374, 272-8	9.9	8
56	Nephrotoxic potential and toxicokinetics of melamine combined with cyanuric acid in rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2014</b> , 77, 1346-58	3.2	8
55	Glycogen synthase kinase 3 alpha phosphorylates and regulates the osteogenic activity of Osterix. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 434, 653-8	3.4	8
54	Suppressive effects of alpha-Hederin on 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated murine Cyp1a-1 expression in the mouse hepatoma Hepa-1c1c7 cells. <i>Cancer Letters</i> , <b>1999</b> , 138, 131-7	9.9	8
53	Caffeic acid phenethyl ester inhibits 3-MC-induced CYP1A1 expression through induction of hypoxia-inducible factor-1 $\beta$ . <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 465, 562-8	3.4	7
52	CCAAT/ enhancer-binding protein $\beta$ activation by capsaicin contributes to the regulation of CYP1A1 expression, mediated by the aryl hydrocarbon receptor. <i>British Journal of Pharmacology</i> , <b>2011</b> , 164, 1600-13	8.6	7
51	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> , <b>2010</b> , 73, 1451-64	3.2	7
50	Polyhexamethylene Guanidine Phosphate Damages Tight Junctions and the F-Actin Architecture by Activating Calpain-1 via the P2RX7/Ca Signaling Pathway. <i>Cells</i> , <b>2019</b> , 9,	7.9	7
49	Impressic Acid, a Lupane-Type Triterpenoid from , Attenuates TNF- $\alpha$ -Induced Endothelial Dysfunction via Activation of eNOS/NO Pathway. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	7
48	Platyconic Acid A, Platycodi Radix-Derived Saponin, Suppresses TGF-1-induced Activation of Hepatic Stellate Cells via Blocking SMAD and Activating the PPAR Signaling Pathway. <i>Cells</i> , <b>2019</b> , 8,	7.9	7
47	Identification of a novel 11 $\beta$ HSD1 inhibitor from a high-throughput screen of natural product extracts. <i>Pharmacological Research</i> , <b>2015</b> , 102, 245-53	10.2	6
46	1-Bromopropane up-regulates cyclooxygenase-2 expression via NF- $\kappa$ B and C/EBP activation in murine macrophages. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 1616-22	4.7	6
45	Differential regulation of ErbB2 expression by cAMP-dependent protein kinase in tamoxifen-resistant breast cancer cells. <i>Archives of Pharmacal Research</i> , <b>2008</b> , 31, 350-6	6.1	6



44	Differential effects of B- and T-lymphocyte mitogens on cytochrome P450 in mice. <i>Toxicology Letters</i> , <b>1999</b> , 104, 57-64	4.4	6
43	Expression of 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible cytochrome P4501A1 in human splenic lymphocyte cultures. <i>Cancer Letters</i> , <b>1996</b> , 98, 193-198	9.9	6
42	Role of Metabolism by Intestinal Bacteria in Arbutin-Induced Suppression of Lymphoproliferative Response in vitro. <i>Biomolecules and Therapeutics</i> , <b>2012</b> , 20, 196-200	4.2	6
41	Extract Suppresses Obesity and Hyperglycemia through Regulation of Lipid Metabolism in High-Fat Diet-Fed Mice. <i>Molecules</i> , <b>2021</b> , 26,	4.8	6
40	Induction of cytochrome P450 1A and 2B by alpha- and beta-ionone in Sprague Dawley rats. <i>Archives of Pharmacal Research</i> , <b>2002</b> , 25, 197-201	6.1	5
39	Involvement of cytokines in the hepatic metallothionein expression by alpha-hederin. <i>Planta Medica</i> , <b>2005</b> , 71, 743-7	3.1	5
38	ethanol extract inhibits 2,4-dinitrochlorobenzene-induced atopic dermatitis-like skin lesions in NC/Nga mice and TNF- $\alpha$ /IFN- $\gamma$ -induced TARC expression in HaCaT cells. <i>Toxicological Research</i> , <b>2020</b> , 36, 99-108	3.7	5
37	Identification of a N 7-guanine adduct of 1-bromopropane in calf thymus DNA by mass spectrometry. <i>Molecular and Cellular Toxicology</i> , <b>2016</b> , 12, 7-14	1.6	5
36	Rutaecarpine Protects against Acetaminophen-Induced Acute Liver Injury in Mice by Activating Antioxidant Enzymes. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
35	Development of potent ALK inhibitor and its molecular inhibitory mechanism against NSCLC harboring EML4-ALK proteins. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 464, 762-7	3.4	4
34	Platycodon grandiflorum-derived saponin attenuates the eccentric exercise-induced muscle damage. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 112, 150-156	4.7	4
33	Bromopropane Compounds Increase the Stemness of Colorectal Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	4
32	Bromopropane compounds inhibit osteogenesis by ERK-dependent Runx2 inhibition in C2C12 cells. <i>Archives of Pharmacal Research</i> , <b>2014</b> , 37, 276-83	6.1	4
31	Anti-inflammatory activities of methanol extract of Mastixia arborea C.B. Clarke as to mouse macrophage and paw edema. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2013</b> , 77, 2356-61	2.1	4
30	DK-1108 exerts anti-inflammatory activity against phorbol 12-myristate 13-acetate-induced inflammation and protective effect against OVA-induced allergic asthma. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 132, 110950	7.5	4
29	Immunomodulatory Activity of GCWB1176 in Cyclophosphamide-Induced Immunosuppression Model. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	4
28	WY-14643 Regulates CYP1B1 Expression through Peroxisome Proliferator-Activated Receptor $\beta$ -Mediated Signaling in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	4
27	Rutaecarpine Increases Nitric Oxide Synthesis via eNOS Phosphorylation by TRPV1-Dependent CaMKII and CaMKK $\beta$ /AMPK Signaling Pathway in Human Endothelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4



26	In vitro characterization of the enzymes involved in the metabolism of 1-furan-2-yl-3-pyridin-2-yl-propenone, an anti-inflammatory propenone compound. <i>Archives of Pharmacal Research</i> , <b>2008</b> , 31, 764-70	6.1	3
25	A small-molecule inhibitor targeting the AURKC-IBB $\alpha$ interaction decreases transformed growth of MDA-MB-231 breast cancer cells. <i>Oncotarget</i> , <b>2017</b> , 8, 69691-69708	3.3	3
24	Identification of Potent CD19 scFv for CAR T Cells through scFv Screening with NK/T-Cell Line. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
23	Metallothionein 3 Promotes Osteoblast Differentiation in C2C12 Cells via Reduction of Oxidative Stress. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
22	Stimulatory effects of platycodin D on osteoblast differentiation. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 13085-13094	4.7	2
21	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> , <b>2020</b> , 85, 685-697	3.5	2
20	Hepatotoxicity and Immunotoxicity of 1-Bromohexane and Its Glutathione Conjugation in Female BALB/c Mice. <i>Journal of Health Science</i> , <b>2010</b> , 56, 434-441		2
19	Metabolism of FPP-3, an anti-inflammatory propenone compound, in rat by liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Biological and Pharmaceutical Bulletin</i> , <b>2007</b> , 30, 967-71	2.3	2
18	Isolation and Characterization of a Mutant Defective in the Production of Methanol Dehydrogenase from a New Restricted Facultative Methanol-Oxidizing Bacterium. <i>IUBMB Life</i> , <b>1999</b> , 48, 209-213	4.7	2
17	Effect of Phenobarbital on the Pharmacokinetics of Rutaecarpine and its Metabolite in Rats. <i>Biomolecules and Therapeutics</i> , <b>2008</b> , 16, 215-218	4.2	2
16	Lactic Acid Bacteria Ameliorate Diesel Exhaust Particulate Matter-Exacerbated Allergic Inflammation in a Murine Model of Asthma. <i>Life</i> , <b>2020</b> , 10,	3	2
15	Platycodon grandiflorum-derived saponin enhances exercise function, skeletal muscle protein synthesis, and mitochondrial function. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 94-104	4.7	1
14	9-Hydroxy-isoegomaketone inhibits LPS-induced NO and inflammatory cytokine production in RAW264.7 cells. <i>Molecular Medicine Reports</i> , <b>2021</b> , 23,	2.9	1
13	Anti-diabetic effect of the lupinalbin A compound isolated from : analysis and molecular docking study. <i>Biomedical Reports</i> , <b>2021</b> , 14, 39	1.8	1
12	Preclinical safety assessment of a therapeutic human papillomavirus DNA vaccine combined with intravaginal interleukin-7 fused with hybrid Fc in female rats. <i>Toxicology and Applied Pharmacology</i> , <b>2021</b> , 413, 115406	4.6	1
11	G protein-coupled estrogen receptor regulates the KLF2-dependent eNOS expression by activating of Ca and EGFR signaling pathway in human endothelial cells. <i>Biochemical Pharmacology</i> , <b>2021</b> , 192, 114721	6	1
10	Effect of 3-caffeoyl, 4-dihydrocaffeoylquinic acid from <i>Salicornia herbacea</i> on endothelial nitric oxide synthase activation via calcium signaling pathway. <i>Toxicological Research</i> , 1	3.7	0
9	Discovery of a Novel Chemical Scaffold Against Mutant Isocitrate Dehydrogenase 1 (IDH1). <i>Anticancer Research</i> , <b>2020</b> , 40, 4929-4935	2.3	0

8	Influence of o,p'-DDT on MUC5AC expression via regulation of NF- $\kappa$ B/AP-1 activation in human lung epithelial cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2021</b> , 84, 836-845	3.2	○
7	Effects of tobacco compound 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) on the expression of epigenetically regulated genes in lung carcinogenesis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2021</b> , 84, 1004-1019	3.2	○
6	Effects of Porcine Whole-Blood Protein Hydrolysate on Exercise Function and Skeletal Muscle Differentiation. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 17	2.6	○
5	Corrigendum to [The flavonoids apigenin and luteolin suppress ultraviolet A-induced matrix metalloproteinase-1 expression via MAPKs and AP-1-dependent signaling in HaCaT cells[J. Dermatol. Sci. 61 (2) (2011) 238-241]. <i>Journal of Dermatological Science</i> , <b>2011</b> , 63, 73	4.3	
4	Oxygenated Alcohol [Sober Faster!. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2010</b> , 34, 1673-1674	3.7	
3	Characterization of Deoxypodophyllotoxin Metabolism in Rat Liver Microsomes. <i>Biomolecules and Therapeutics</i> , <b>2008</b> , 16, 190-196	4.2	
2	Immunotoxicological Investigation of 1-furan-2-yl-3-pyridin-2-yl-propenone in Female BALB/c Mice. <i>Biomolecules and Therapeutics</i> , <b>2009</b> , 17, 446-454	4.2	
1	Simultaneous Determination of Olanzapine and its Major Metabolite N-Desmethyl Olanzapine in Rat Plasma by HPLC-MS/MS: Application of PK in Rat. <i>Bulletin of the Korean Chemical Society</i> , <b>2013</b> , 34, 2567-2568	1.2	