

Gi-Young Kim

List of Publications by Year in Descending Order

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

200 papers	3,698 citations	34 h-index	46 g-index
217 ext. papers	4,561 ext. citations	4.8 avg, IF	5.49 L-index

#	Paper	IF	Citations
200	Aqueous extract of freeze-dried <i>Protaetia brevitarsis</i> larvae promotes osteogenesis by activating β -catenin signaling. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2022 , 12, 115	1.4	
199	Induction of apoptotic cell death in human bladder cancer cells by ethanol extract of <i>Zanthoxylum schinifolium</i> leaf, through ROS-dependent inactivation of the PI3K/Akt signaling pathway. <i>Nutrition Research and Practice</i> , 2022 , 16, 330	2.1	
198	Nargenicin A1 attenuates lipopolysaccharide-induced inflammatory and oxidative response by blocking the NF- κ B signaling pathway. <i>EXCLI Journal</i> , 2021 , 20, 968-982	2.4	1
197	Schisandrae Fructus ethanol extract attenuates particulate matter 2.5-induced inflammatory and oxidative responses by blocking the activation of the ROS-dependent NF- κ B signaling pathway. <i>Nutrition Research and Practice</i> , 2021 , 15, 686-702	2.1	1
196	Protection against Oxidative Stress-Induced Apoptosis by Fermented Sea Tangle (<i>Aresch</i>) in Osteoblastic MC3T3-E1 Cells through Activation of Nrf2 Signaling Pathway. <i>Foods</i> , 2021 , 10,	4.9	2
195	Induction of Apoptosis by Isoalantolactone in Human Hepatocellular Carcinoma Hep3B Cells through Activation of the ROS-Dependent JNK Signaling Pathway. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
194	Involvement of the hypothalamic-pituitary-interrenal axis in the antistress activities of <i>Tenebrio molitor</i> Larvae in zebrafish. <i>Applied Animal Behaviour Science</i> , 2021 , 244, 105487	2.2	0
193	Safety effect of fermented oyster extract on the endocrine disruptor assay in vitro and in vivo. <i>Fisheries and Aquatic Sciences</i> , 2021 , 24, 330-339	2.9	
192	Mori Ramulus Suppresses Hydrogen Peroxide-Induced Oxidative Damage in Murine Myoblast C2C12 Cells through Activation of AMPK. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
191	Betulinic Acid Restricts Human Bladder Cancer Cell Proliferation In Vitro by Inducing Caspase-Dependent Cell Death and Cell Cycle Arrest, and Decreasing Metastatic Potential. <i>Molecules</i> , 2021 , 26,	4.8	9
190	The anti-cancer effect of betulinic acid in u937 human leukemia cells is mediated through ROS-dependent cell cycle arrest and apoptosis. <i>Animal Cells and Systems</i> , 2021 , 25, 119-127	2.3	7
189	LCT-3d Induces Oxidative Stress-Mediated Apoptosis by Upregulating Death Receptor 5 in Gastric Cancer Cells. <i>Frontiers in Oncology</i> , 2021 , 11, 658608	5.3	1
188	ROS-Mediated Anti-Tumor Effect of <i>Coptidis Rhizoma</i> against Human Hepatocellular Carcinoma Hep3B Cells and Xenografts. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
187	Suppression of Lipopolysaccharide-Induced Inflammatory and Oxidative Response by 5-Aminolevulinic Acid in RAW 264.7 Macrophages and Zebrafish Larvae. <i>Biomolecules and Therapeutics</i> , 2021 , 29, 685-696	4.2	7
186	Fisetin inhibits lipopolysaccharide-induced inflammatory response by activating β -catenin, leading to a decrease in endotoxic shock. <i>Scientific Reports</i> , 2021 , 11, 8377	4.9	5
185	Anti-Inflammatory Effect of Auranofin on Palmitic Acid and LPS-Induced Inflammatory Response by Modulating TLR4 and NOX4-Mediated NF- κ B Signaling Pathway in RAW264.7 Macrophages. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
184	Bisphenol A: A potential Toll-like receptor 4/myeloid differentiation factor 2 complex agonist. <i>Environmental Pollution</i> , 2021 , 278, 116829	9.3	4

183	Loganin Inhibits Lipopolysaccharide-Induced Inflammation and Oxidative Response through the Activation of the Nrf2/HO-1 Signaling Pathway in RAW264.7 Macrophages. <i>Biological and Pharmaceutical Bulletin</i> , 2021 , 44, 875-883	2.3	2
182	The regulation of the TLR4/NF- κ B and Nrf2/HO-1 signaling pathways is involved in the inhibition of lipopolysaccharide-induced inflammation and oxidative reactions by morroniside in RAW 264.7 macrophages. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 706, 108926	4.1	9
181	Inhibition of oxidative stress induced-cytotoxicity by coptisine in V79-4 Chinese hamster lung fibroblasts through the induction of Nrf-2 mediated HO-1 expression. <i>Genes and Genomics</i> , 2021 , 43, 17-31	2.1	3
180	Coptisine induces autophagic cell death through down-regulation of PI3K/Akt/mTOR signaling pathway and up-regulation of ROS-mediated mitochondrial dysfunction in hepatocellular carcinoma Hep3B cells. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 697, 108688	4.1	13
179	Indirubin-3 β -monoxime induces paraptosis in MDA-MB-231 breast cancer cells by transmitting Ca from endoplasmic reticulum to mitochondria. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 698, 108723	4.1	8
178	Urban Aerosol Particulate Matter Promotes Necrosis and Autophagy via Reactive Oxygen Species-Mediated Cellular Disorders that are Accompanied by Cell Cycle Arrest in Retinal Pigment Epithelial Cells. <i>Antioxidants</i> , 2021 , 10,	7.1	4
177	Anthocyanins from L. Inhibit NLRP3 Inflammasome in BV2 Microglia Cells by Alleviating NF- κ B- and ER Stress-Induced Ca Accumulation and Mitochondrial ROS Production. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 1246491	6.7	8
176	Fisetin Inhibits NLRP3 Inflammasome by Suppressing TLR4/MD2-Mediated Mitochondrial ROS Production. <i>Antioxidants</i> , 2021 , 10,	7.1	4
175	The Protective Effect of Oral Application of Corni Fructus on the Disorders of the Cornea, Conjunctiva, Lacrimal Gland and Retina by Topical Particulate Matter 2.5. <i>Nutrients</i> , 2021 , 13,	6.7	3
174	The Protective Effect of Topical Spermidine on Dry Eye Disease with Retinal Damage Induced by Diesel Particulate Matter 2.5. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
173	Fisetin Protects HaCaT Human Keratinocytes from Fine Particulate Matter (PM)-Induced Oxidative Stress and Apoptosis by Inhibiting the Endoplasmic Reticulum Stress Response. <i>Antioxidants</i> , 2021 , 10,	7.1	4
172	Fisetin promotes osteoblast differentiation and osteogenesis through GSK-3 β phosphorylation at Ser9 and consequent β -catenin activation, inhibiting osteoporosis. <i>Biochemical Pharmacology</i> , 2021 , 192, 114676	6	4
171	Anthocyanin-enriched polyphenols from Hibiscus syriacus L. (Malvaceae) exert anti-osteoporosis effects by inhibiting GSK-3 β and subsequently activating β -catenin. <i>Phytomedicine</i> , 2021 , 91, 153721	6.5	3
170	Spermidine Attenuates Oxidative Stress-Induced Apoptosis via Blocking Ca Overload in Retinal Pigment Epithelial Cells Independently of ROS. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
169	Inhibition of Lipopolysaccharide-Induced Inflammatory and Oxidative Responses by -cinnamaldehyde in C2C12 Myoblasts. <i>International Journal of Medical Sciences</i> , 2021 , 18, 2480-2492	3.7	2
168	Ethanol extract of Chondracanthus tenellus (Harvey) Hommersand attenuates lipopolysaccharide-induced inflammatory and oxidative response by blocking the NF- κ B, MAPKs, and PI3K/Akt signaling pathways. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021 , 11, 450	1.4	
167	Protective Effects of against Hydrogen Peroxide-Induced Oxidative Stress and Cell Death in Skin Keratinocytes. <i>Life</i> , 2020 , 10,	3	2
166	A Novel Peptide Oligomer of Bacitracin Induces M1 Macrophage Polarization by Facilitating Ca Influx. <i>Nutrients</i> , 2020 , 12,	6.7	5

165	Effect of fermented oyster extract on growth promotion in Sprague-Dawley rats. <i>Integrative Medicine Research</i> , 2020 , 9, 100412	2.7	3
164	Diesel particulate matter _{2.5} promotes epithelial-mesenchymal transition of human retinal pigment epithelial cells via generation of reactive oxygen species. <i>Environmental Pollution</i> , 2020 , 262, 114301	9.3	24
163	Glutamine Cooperatively Upregulates Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglial Cells through the ERK and Nrf-2/HO-1 Signaling Pathway. <i>Antioxidants</i> , 2020 , 9,	7.1	2
162	Suppression of tumor growth and metastasis by ethanol extract of Angelica dahurica Radix in murine melanoma B16F10 cells. <i>BioScience Trends</i> , 2020 , 14, 23-34	9.9	5
161	Honokiol ameliorates oxidative stress-induced DNA damage and apoptosis of c2c12 myoblasts by ROS generation and mitochondrial pathway. <i>Animal Cells and Systems</i> , 2020 , 24, 60-68	2.3	9
160	Anthocyanins from L. Inhibit Oxidative Stress-Mediated Apoptosis by Activating the Nrf2/HO-1 Signaling Pathway. <i>Antioxidants</i> , 2020 , 9,	7.1	19
159	Cytoprotective effects of fermented oyster extracts against oxidative stress-induced DNA damage and apoptosis through activation of the Nrf2/HO-1 signaling pathway in MC3T3-E1 osteoblasts. <i>EXCLI Journal</i> , 2020 , 19, 1102-1119	2.4	3
158	Ethanol Extract of Hizikia fusiforme Induces Apoptosis in B16F10 Mouse Melanoma Cells through ROS-Dependent Inhibition of the PI3K/Akt Signaling Pathway. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020 , 21, 1275-1282	1.7	3
157	Auranofin Enhances Sulforaphane-Mediated Apoptosis in Hepatocellular Carcinoma Hep3B Cells through Inactivation of the PI3K/Akt Signaling Pathway. <i>Biomolecules and Therapeutics</i> , 2020 , 28, 443-453	4.2	25
156	Anthocyanins isolated from Hibiscus syriacus L. attenuate lipopolysaccharide-induced inflammation and endotoxic shock by inhibiting the TLR4/MD2-mediated NF- κ B signaling pathway. <i>Phytomedicine</i> , 2020 , 76, 153237	6.5	19
155	GSK-3 β Targeting Fisetin Promotes Melanogenesis in B16F10 Melanoma Cells and Zebrafish Larvae through β -Catenin Activation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
154	Gamma Aminobutyric Acid-Enriched Fermented Oyster () Increases the Length of the Growth Plate on the Proximal Tibia Bone in Sprague-Dawley Rats. <i>Molecules</i> , 2020 , 25,	4.8	1
153	Induction of Apoptosis by Coptisine in Hep3B Hepatocellular Carcinoma Cells through Activation of the ROS-Mediated JNK Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
152	Ethanol Extract of Hippocampus abdominalis Exerts Anti-Melanogenic Effects in B16F10 Melanoma Cells and Zebrafish Larvae by Activating the ERK Signaling Pathway. <i>Cosmetics</i> , 2020 , 7, 1	2.7	5
151	Hemistepsin A protects human keratinocytes against hydrogen peroxide-induced oxidative stress through activation of the Nrf2/HO-1 signaling pathway. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 691, 108512	4.1	6
150	Inhibitory effect of oolonghomobisflavan B on osteoclastogenesis by suppressing p38 MAPK activation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127429	2.9	3
149	The immunostimulatory effect of indole-6-carboxaldehyde isolated from in RAW 264.7 macrophages. <i>Animal Cells and Systems</i> , 2020 , 24, 233-241	2.3	2
148	Auranofin Attenuates Non-Alcoholic Fatty Liver Disease by Suppressing Lipid Accumulation and NLRP3 Inflammasome-Mediated Hepatic Inflammation In Vivo and In Vitro. <i>Antioxidants</i> , 2020 , 9,	7.1	8

147	Indole-6-carboxaldehyde prevents oxidative stress-induced mitochondrial dysfunction, DNA damage and apoptosis in C2C12 skeletal myoblasts by regulating the ROS-AMPK signaling pathway. <i>Molecular and Cellular Toxicology</i> , 2020 , 16, 455-467	1.6	2
146	Induction of G2/M Cell Cycle Arrest and Apoptosis by Genistein in Human Bladder Cancer T24 Cells through Inhibition of the ROS-Dependent PI3k/Akt Signal Transduction Pathway. <i>Antioxidants</i> , 2019 , 8,	7.1	38
145	Glutathione Induced Immune-Stimulatory Activity by Promoting M1-Like Macrophages Polarization via Potential ROS Scavenging Capacity. <i>Antioxidants</i> , 2019 , 8,	7.1	19
144	p53-Mediated Oxidative Stress Enhances Iridin-3QMonoxime-Induced Apoptosis in HCT116 Colon Cancer Cells by Upregulating Death Receptor 5 and TNF-Related Apoptosis-Inducing Ligand Expression. <i>Antioxidants</i> , 2019 , 8,	7.1	8
143	Activation of the Nrf2/HO-1 signaling pathway contributes to the protective effects of baicalein against oxidative stress-induced DNA damage and apoptosis in HEI193 Schwann cells. <i>International Journal of Medical Sciences</i> , 2019 , 16, 145-155	3.7	37
142	Protective Effect of Baicalein on Oxidative Stress-induced DNA Damage and Apoptosis in RT4-D6P2T Schwann Cells. <i>International Journal of Medical Sciences</i> , 2019 , 16, 8-16	3.7	13
141	Fermented Oyster Extract Prevents Ovariectomy-Induced Bone Loss and Suppresses Osteoclastogenesis. <i>Nutrients</i> , 2019 , 11,	6.7	10
140	Protective effect of diphlorethohydroxycarmalol against oxidative stress-induced DNA damage and apoptosis in retinal pigment epithelial cells. <i>Cutaneous and Ocular Toxicology</i> , 2019 , 38, 298-308	1.8	10
139	Protective Effect of Phloroglucinol on Oxidative Stress-Induced DNA Damage and Apoptosis through Activation of the Nrf2/HO-1 Signaling Pathway in HaCaT Human Keratinocytes. <i>Marine Drugs</i> , 2019 , 17,	6	37
138	Camptothecin induces mitotic arrest through Mad2-Cdc20 complex by activating the JNK-mediated Sp1 pathway. <i>Food and Chemical Toxicology</i> , 2019 , 127, 143-155	4.7	6
137	Protective Effects of Fermented Oyster Extract against RANKL-Induced Osteoclastogenesis through Scavenging ROS Generation in RAW 264.7 Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
136	Protective Effects of Nargenicin A1 against Tacrolimus-Induced Oxidative Stress in Hirame Natural Embryo Cells. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
135	Camptothecin induces c-Myc- and Sp1-mediated hTERT expression in LNCaP cells: Involvement of reactive oxygen species and PI3K/Akt. <i>Food and Chemical Toxicology</i> , 2019 , 127, 53-60	4.7	7
134	Protective Effect of Glutathione against Oxidative Stress-induced Cytotoxicity in RAW 264.7 Macrophages through Activating the Nuclear Factor Erythroid 2-Related Factor-2/Heme Oxygenase-1 Pathway. <i>Antioxidants</i> , 2019 , 8,	7.1	29
133	Anti-Proliferative and Pro-Apoptotic Effects of Licochalcone A through ROS-Mediated Cell Cycle Arrest and Apoptosis in Human Bladder Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	26
132	Fermented Sea Tangle (Aresch) Suppresses RANKL-Induced Osteoclastogenesis by Scavenging ROS in RAW 264.7 Cells. <i>Foods</i> , 2019 , 8,	4.9	3
131	Flumequine-Mediated Upregulation of p38 MAPK and JNK Results in Melanogenesis in B16F10 Cells and Zebrafish Larvae. <i>Biomolecules</i> , 2019 , 9,	5.9	14
130	Isorhamnetin Induces Cell Cycle Arrest and Apoptosis Via Reactive Oxygen Species-Mediated AMP-Activated Protein Kinase Signaling Pathway Activation in Human Bladder Cancer Cells. <i>Cancers</i> , 2019 , 11,	6.6	15

129	Citrus unshiu peel suppress the metastatic potential of murine melanoma B16F10 cells in vitro and in vivo. <i>Phytotherapy Research</i> , 2019 , 33, 3228-3241	6.7	4
128	Fermented Oyster Extract Promotes Osteoblast Differentiation by Activating the Wnt/ β Catenin Signaling Pathway, Leading to Bone Formation. <i>Biomolecules</i> , 2019 , 9,	5.9	22
127	SP600125 enhances C-2-induced cell death by the switch from autophagy to apoptosis in bladder cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 448	12.8	14
126	Anthocyanins from L. Inhibit Melanogenesis by Activating the ERK Signaling Pathway. <i>Biomolecules</i> , 2019 , 9,	5.9	14
125	Deoxynivalenol enhances IL-1 β expression in BV2 microglial cells through activation of the NF- κ B pathway and the ASC/NLRP3 inflammasome. <i>EXCLI Journal</i> , 2019 , 18, 356-369	2.4	4
124	2-O-digalloyl-1,3,4,6-tetra-O-galloyl-D-glucose isolated from Galla Rhois suppresses osteoclast differentiation and function by inhibiting NF- κ B signaling. <i>BMB Reports</i> , 2019 , 52, 409-414	5.5	4
123	Isorhamnetin alleviates lipopolysaccharide-induced inflammatory responses in BV2 microglia by inactivating NF- κ B, blocking the TLR4 pathway and reducing ROS generation. <i>International Journal of Molecular Medicine</i> , 2019 , 43, 682-692	4.4	39
122	Apigenin promotes TRAIL-mediated apoptosis regardless of ROS generation. <i>Food and Chemical Toxicology</i> , 2018 , 111, 623-630	4.7	19
121	Molecular chemotherapeutic potential of butein: A concise review. <i>Food and Chemical Toxicology</i> , 2018 , 112, 1-10	4.7	19
120	Induction of Apoptosis by Citrus unshiu Peel in Human Breast Cancer MCF-7 Cells: Involvement of ROS-Dependent Activation of AMPK. <i>Biological and Pharmaceutical Bulletin</i> , 2018 , 41, 713-721	2.3	13
119	Activation of the Nrf2/HO-1 Signaling Pathway Contributes to the Protective Effects of Extract against Oxidative Stress-Induced DNA Damage and Apoptosis in SW1353 Human Chondrocytes. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	22
118	Sargassum serratifolium attenuates RANKL-induced osteoclast differentiation and oxidative stress through inhibition of NF- κ B and activation of the Nrf2/HO-1 signaling pathway. <i>BioScience Trends</i> , 2018 , 12, 257-265	9.9	14
117	Spermidine Protects against Oxidative Stress in Inflammation Models Using Macrophages and Zebrafish. <i>Biomolecules and Therapeutics</i> , 2018 , 26, 146-156	4.2	43
116	Extract Attenuates Interleukin-1 β -Induced Oxidative Stress and Inflammatory Response in Chondrocytes by Suppressing the Activation of NF- κ B, p38 MAPK, and PI3K/Akt. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	29
115	Schisandrin A suppresses lipopolysaccharide-induced inflammation and oxidative stress in RAW 264.7 macrophages by suppressing the NF- κ B, MAPKs and PI3K/Akt pathways and activating Nrf2/HO-1 signaling. <i>International Journal of Molecular Medicine</i> , 2018 , 41, 264-274	4.4	46
114	Silibinin sensitizes TRAIL-mediated apoptosis by upregulating DR5 through ROS-induced endoplasmic reticulum stress-Ca-CaMKII-Sp1 pathway. <i>Oncotarget</i> , 2018 , 9, 10324-10342	3.3	9
113	Camptothecin induces G/M phase arrest through the ATM-Chk2-Cdc25C axis as a result of autophagy-induced cytoprotection: Implications of reactive oxygen species. <i>Oncotarget</i> , 2018 , 9, 21744-21757	3.3	19
112	Lonicera japonica Thunb. Induces caspase-dependent apoptosis through death receptors and suppression of AKT in U937 human leukemic cells. <i>Phytotherapy Research</i> , 2018 , 32, 504-513	6.7	8

111	Cordycepin inhibits lipopolysaccharide-induced cell migration and invasion in human colorectal carcinoma HCT-116 cells through down-regulation of prostaglandin E2 receptor EP4. <i>BMB Reports</i> , 2018 , 51, 532-537	5.5	7
110	Camptothecin enhances c-Myc-mediated endoplasmic reticulum stress and leads to autophagy by activating Ca-mediated AMPK. <i>Food and Chemical Toxicology</i> , 2018 , 121, 648-656	4.7	12
109	Corni Fructus attenuates testosterone-induced benign prostatic hyperplasia by suppressing 5 α -reductase and androgen receptor expression in rats. <i>Nutrition Research and Practice</i> , 2018 , 12, 378-386	2.1	11
108	Piceatannol-Induced Apoptosis Is Reversed by N-Acetyl-L-cysteine through Restoration of XIAP Expression. <i>Biological and Pharmaceutical Bulletin</i> , 2018 , 41, 1372-1378	2.3	6
107	Reactive oxygen species-dependent apoptosis induction by water extract of peel in MDA-MB-231 human breast carcinoma cells. <i>Nutrition Research and Practice</i> , 2018 , 12, 129-134	2.1	16
106	TRAIL attenuates sulforaphane-mediated Nrf2 and sustains ROS generation, leading to apoptosis of TRAIL-resistant human bladder cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2018 , 352, 132-141	4.6	12
105	Glutamine deprivation sensitizes human breast cancer MDA-MB-231 cells to TRIAL-mediated apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 485, 440-445	3.4	7
104	Antioxidant and cytoprotective effects of morin against hydrogen peroxide-induced oxidative stress are associated with the induction of Nrf-2-mediated HO-1 expression in V79-4 Chinese hamster lung fibroblasts. <i>International Journal of Molecular Medicine</i> , 2017 , 39, 672-680	4.4	23
103	Morin exerts cytoprotective effects against oxidative stress in C2C12 myoblasts via the upregulation of Nrf2-dependent HO-1 expression and the activation of the ERK pathway. <i>International Journal of Molecular Medicine</i> , 2017 , 39, 399-406	4.4	26
102	Cytoprotective effects of esculetin against oxidative stress are associated with the upregulation of Nrf2-mediated NQO1 expression via the activation of the ERK pathway. <i>International Journal of Molecular Medicine</i> , 2017 , 39, 380-386	4.4	28
101	Molecular identification and functional delineation of a glutathione reductase homolog from disk abalone (<i>Haliotis discus discus</i>): Insights as a potent player in host antioxidant defense. <i>Fish and Shellfish Immunology</i> , 2017 , 60, 355-367	4.3	5
100	Inhibitory effects on the production of inflammatory mediators and reactive oxygen species by Mori folium in lipopolysaccharide-stimulated macrophages and zebrafish. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 661-674	1.4	10
99	Mori Folium water extract alleviates articular cartilage damages and inflammatory responses in monosodium iodoacetate-induced osteoarthritis rats. <i>Molecular Medicine Reports</i> , 2017 , 16, 3841-3848	2.9	12
98	Fucoidan Induces ROS-Dependent Apoptosis in 5637 Human Bladder Cancer Cells by Downregulating Telomerase Activity via Inactivation of the PI3K/Akt Signaling Pathway. <i>Drug Development Research</i> , 2017 , 78, 37-48	5.1	34
97	Fucoidan inhibits lipopolysaccharide-induced inflammatory responses in RAW 264.7 macrophages and zebrafish larvae. <i>Molecular and Cellular Toxicology</i> , 2017 , 13, 405-417	1.6	18
96	Anti-inflammatory effects of Daehwangmokdintang, a traditional herbal formulation, in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Experimental and Therapeutic Medicine</i> , 2017 , 14, 5809-5816	2.1	5
95	Diphlorethohydroxycarmalol from <i>Ishige okamurae</i> Suppresses Osteoclast Differentiation by Downregulating the NF- κ B Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11
94	Induction of p53-Independent Apoptosis and G1 Cell Cycle Arrest by Fucoidan in HCT116 Human Colorectal Carcinoma Cells. <i>Marine Drugs</i> , 2017 , 15,	6	43

- 93 Schisandrae Fructus ethanol extract ameliorates inflammatory responses and articular cartilage damage in monosodium iodoacetate-induced osteoarthritis in rats. *EXCLI Journal*, **2017**, 16, 265-277 2.4 6
- 92 Characterization of a 1-cysteine peroxiredoxin from big-belly seahorse (*Hippocampus abdominalis*); insights into host antioxidant defense, molecular profiling and its expressional response to septic conditions. *Fish and Shellfish Immunology*, **2016**, 57, 186-197 4.3 8
- 91 Anti-inflammatory potential of total saponins derived from the roots of in lipopolysaccharide-activated RAW 264.7 macrophages. *Experimental and Therapeutic Medicine*, **2016**, 11, 1109-1115 2.1 36
- 90 Flavonoids Isolated from Flowers of *Lonicera japonica* Thunb. Inhibit Inflammatory Responses in BV2 Microglial Cells by Suppressing TNF- α and IL- β through PI3K/Akt/NF- κ B Signaling Pathways. *Phytotherapy Research*, **2016**, 30, 1824-1832 6.7 37
- 89 Baicalein induces apoptosis via ROS-dependent activation of caspases in human bladder cancer 5637 cells. *International Journal of Oncology*, **2016**, 49, 1009-18 4.4 46
- 88 Sanguinarine Induces Apoptosis of Human Oral Squamous Cell Carcinoma KB Cells via Inactivation of the PI3K/Akt Signaling Pathway. *Drug Development Research*, **2016**, 77, 227-40 5.1 12
- 87 Baicalein Induces Caspase-dependent Apoptosis Associated with the Generation of ROS and the Activation of AMPK in Human Lung Carcinoma A549 Cells. *Drug Development Research*, **2016**, 77, 73-86 5.1 22
- 86 Caffeic acid phenethyl ester enhances TRAIL-mediated apoptosis via CHOP-induced death receptor 5 upregulation in hepatocarcinoma Hep3B cells. *Molecular and Cellular Biochemistry*, **2016**, 418, 13-20 4.2 14
- 85 Methanol extract of *Codium fragile* inhibits tumor necrosis factor- α -induced matrix metalloproteinase-9 and invasiveness of MDA-MB-231 cells by suppressing nuclear factor- κ B activation. *Asian Pacific Journal of Tropical Medicine*, **2016**, 9, 535-41 2.1 12
- 84 Mori folium inhibits interleukin-1 α -induced expression of matrix metalloproteinases and inflammatory mediators by suppressing the activation of NF- κ B and p38 MAPK in SW1353 human chondrocytes. *International Journal of Molecular Medicine*, **2016**, 37, 452-60 4.4 26
- 83 Ethanol extract of *Kalopanax septemlobus* leaf induces caspase-dependent apoptosis associated with activation of AMPK in human hepatocellular carcinoma cells. *International Journal of Oncology*, **2016**, 48, 261-70 4.4 6
- 82 An exploration of the antioxidant effects of garlic saponins in mouse-derived C2C12 myoblasts. *International Journal of Molecular Medicine*, **2016**, 37, 149-56 4.4 9
- 81 Baicalein protects C6 glial cells against hydrogen peroxide-induced oxidative stress and apoptosis through regulation of the Nrf2 signaling pathway. *International Journal of Molecular Medicine*, **2016**, 37, 798-806 4.4 30
- 80 Ethanol extract of *Kalopanax septemlobus* leaf inhibits HepG2 human hepatocellular carcinoma cell proliferation via inducing cell cycle arrest at G1 phase. *Asian Pacific Journal of Tropical Medicine*, **2016**, 9, 344-350 2.1 3
- 79 Hwang-Heuk-San induces apoptosis in HCT116 human colorectal cancer cells through the ROS-mediated activation of caspases and the inactivation of the PI3K/Akt signaling pathway. *Oncology Reports*, **2016**, 36, 205-14 3.5 10
- 78 Polyphenols from Korean prostrate spurge *Euphorbia supina* induce apoptosis through the Fas-associated extrinsic pathway and activation of ERK in human leukemic U937 cells. *Oncology Reports*, **2016**, 36, 99-107 3.5 11
- 77 Hydrangenol inhibits lipopolysaccharide-induced nitric oxide production in BV2 microglial cells by suppressing the NF- κ B pathway and activating the Nrf2-mediated HO-1 pathway. *International Immunopharmacology*, **2016**, 35, 61-69 5.8 20
- 76 Thioredoxin domain-containing protein 12 from *Oplegnathus fasciatus*: Molecular characterization, expression against immune stimuli, and biological activities related to oxidative stress. *Fish and Shellfish Immunology*, **2016**, 54, 11-21 4.3 4

75	Morin downregulates nitric oxide and prostaglandin E2 production in LPS-stimulated BV2 microglial cells by suppressing NF- κ B activity and activating HO-1 induction. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 44, 62-8	5.8	18
74	Fulvic acid promotes extracellular anti-cancer mediators from RAW 264.7 cells, causing to cancer cell death in vitro. <i>International Immunopharmacology</i> , 2016 , 36, 241-248	5.8	13
73	Sargassum horneri methanol extract rescues C2C12 murine skeletal muscle cells from oxidative stress-induced cytotoxicity through Nrf2-mediated upregulation of heme oxygenase-1. <i>BMC Complementary and Alternative Medicine</i> , 2015 , 15, 17	4.7	9
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71	Camptothecin suppresses expression of matrix metalloproteinase-9 and vascular endothelial growth factor in DU145 cells through PI3K/Akt-mediated inhibition of NF- κ B activity and Nrf2-dependent induction of HO-1 expression. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 49, 1189-98	5.8	21
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68	Anti-Inflammatory Effects of 3-(4-Hydroxyl-3,5-Dimethoxyphenyl)Propionic Acid, an Active Component of Korean Cabbage Kimchi, in Lipopolysaccharide-Stimulated BV2 Microglia. <i>Journal of Medicinal Food</i> , 2015 , 18, 677-84	2.8	16
67	The flavonoid morin from Moraceae induces apoptosis by modulation of Bcl-2 family members and Fas receptor in HCT 116 cells. <i>International Journal of Oncology</i> , 2015 , 46, 2670-8	4.4	55
66	Essential oils purified from Schisandrae semen inhibits tumor necrosis factor- α -induced matrix metalloproteinase-9 activation and migration of human aortic smooth muscle cells. <i>BMC Complementary and Alternative Medicine</i> , 2015 , 15, 7	4.7	14
65	Antagonistic effects of acetylshikonin on LPS-induced NO and PGE2 production in BV2 microglial cells via inhibition of ROS/PI3K/Akt-mediated NF- κ B signaling and activation of Nrf2-dependent HO-1. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015 , 51, 975-86	2.6	8
64	New compound, 5-O-isoferuloyl-2-deoxy-D-ribofuranose from Clematis mandshurica: Anti-inflammatory effects in lipopolysaccharide-stimulated BV2 microglial cells. <i>International Immunopharmacology</i> , 2015 , 24, 14-23	5.8	7
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60	Schisandrae Fructus Supplementation Ameliorates Sciatic Neurectomy-Induced Muscle Atrophy in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 872428	6.7	15
59	Schisandrae semen essential oil attenuates oxidative stress-induced cell damage in C2C12 murine skeletal muscle cells through Nrf2-mediated upregulation of HO-1. <i>International Journal of Molecular Medicine</i> , 2015 , 35, 453-9	4.4	15
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