

Yung Hyun Choi

List of Publications by Citations

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388
papers

6,967
citations

40
h-index

57
g-index

415
ext. papers

8,766
ext. citations

4.8
avg, IF

6.4
L-index

#	Paper	IF	Citations
388	Particulate matter 2.5 damages skin cells by inducing oxidative stress, subcellular organelle dysfunction, and apoptosis. <i>Archives of Toxicology</i> , 2018 , 92, 2077-2091	5.8	132
387	Anti-inflammatory activity of polysaccharide purified from AMG-assistant extract of <i>Ecklonia cava</i> in LPS-stimulated RAW 264.7 macrophages. <i>Carbohydrate Polymers</i> , 2011 , 85, 80-85	10.3	120
386	Antioxidant Activity of Marine Algal Polyphenolic Compounds: A Mechanistic Approach. <i>Journal of Medicinal Food</i> , 2016 , 19, 615-28	2.8	111
385	Cell-free microRNAs in urine as diagnostic and prognostic biomarkers of bladder cancer. <i>International Journal of Oncology</i> , 2012 , 41, 1871-8	4.4	111
384	Inhibitory effect of diphloretohydroxycarmalol on melanogenesis and its protective effect against UV-B radiation-induced cell damage. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1355-61	4.7	96
383	Anti-inflammatory activity of a sulfated polysaccharide isolated from an enzymatic digest of brown seaweed in RAW 264.7 cells. <i>Nutrition Research and Practice</i> , 2017 , 11, 3-10	2.1	89
382	Anti-inflammatory effects of spermidine in lipopolysaccharide-stimulated BV2 microglial cells. <i>Journal of Biomedical Science</i> , 2012 , 19, 31	13.3	81
381	Fish collagen/alginate/chitooligosaccharides integrated scaffold for skin tissue regeneration application. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 504-13	7.9	80
380	Protective effect of fucoidan against AAPH-induced oxidative stress in zebrafish model. <i>Carbohydrate Polymers</i> , 2014 , 102, 185-91	10.3	79
379	Anti-inflammatory effects of genistein via suppression of the toll-like receptor 4-mediated signaling pathway in lipopolysaccharide-stimulated BV2 microglia. <i>Chemico-Biological Interactions</i> , 2014 , 212, 30-9	5	79
378	Anti-inflammatory effects of cordycepin in lipopolysaccharide-stimulated RAW 264.7 macrophages through Toll-like receptor 4-mediated suppression of mitogen-activated protein kinases and NF- κ B signaling pathways. <i>Drug Design, Development and Therapy</i> , 2014 , 8, 1941-53	4.4	74
377	Gallic acid isolated from <i>Spirogyra</i> sp. improves cardiovascular disease through a vasorelaxant and antihypertensive effect. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 764-72	5.8	72
376	Ribotoxic mycotoxin deoxynivalenol induces G2/M cell cycle arrest via p21Cip/WAF1 mRNA stabilization in human epithelial cells. <i>Toxicology</i> , 2008 , 243, 145-54	4.4	69
375	Interleukin-20 promotes migration of bladder cancer cells through extracellular signal-regulated kinase (ERK)-mediated MMP-9 protein expression leading to nuclear factor (NF- κ B) activation by inducing the up-regulation of p21(WAF1) protein expression. <i>Journal of Biological Chemistry</i> , 2013 , 288, 5539-52	5.4	67
374	Anti-obesity effects of seaweeds of Jeju Island on the differentiation of 3T3-L1 preadipocytes and obese mice fed a high-fat diet. <i>Food and Chemical Toxicology</i> , 2016 , 90, 36-44	4.7	66
373	Electroacupuncture promotes post-stroke functional recovery via enhancing endogenous neurogenesis in mouse focal cerebral ischemia. <i>PLoS ONE</i> , 2014 , 9, e90000	3.7	66
372	Morin, a flavonoid from Moraceae, suppresses growth and invasion of the highly metastatic breast cancer cell line MDA-MB-231 partly through suppression of the Akt pathway. <i>International Journal of Oncology</i> , 2014 , 45, 1629-37	4.4	60

371	Anthocyanins downregulate lipopolysaccharide-induced inflammatory responses in BV2 microglial cells by suppressing the NF- κ B and Akt/MAPKs signaling pathways. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 1502-15	6.3	59
370	Naringenin attenuates the release of pro-inflammatory mediators from lipopolysaccharide-stimulated BV2 microglia by inactivating nuclear factor- κ B and inhibiting mitogen-activated protein kinases. <i>International Journal of Molecular Medicine</i> , 2012 , 30, 204-10	4.4	59
369	Induction of apoptosis by fucoidan in human leukemia U937 cells through activation of p38 MAPK and modulation of Bcl-2 family. <i>Marine Drugs</i> , 2013 , 11, 2347-64	6	58
368	Protective effect of polysaccharides from Celluclast-assisted extract of Hizikia fusiforme against hydrogen peroxide-induced oxidative stress in vitro in Vero cells and in vivo in zebrafish. <i>International Journal of Biological Macromolecules</i> , 2018 , 112, 483-489	7.9	56
367	Characterization of a profile of the anthocyanins isolated from Vitis coignetiae Pulliat and their anti-invasive activity on HT-29 human colon cancer cells. <i>Food and Chemical Toxicology</i> , 2010 , 48, 903-9	4.7	56
366	Neuroprotective effects of phlorotannins isolated from a brown alga, Ecklonia cava, against H ₂ O ₂ -induced oxidative stress in murine hippocampal HT22 cells. <i>Environmental Toxicology and Pharmacology</i> , 2012 , 34, 96-105	5.8	55
365	Apoptosis and modulation of cell cycle control by synthetic derivatives of ursodeoxycholic acid and chenodeoxycholic acid in human prostate cancer cells. <i>Cancer Letters</i> , 2003 , 199, 157-67	9.9	54
364	Sanguinarine-induced apoptosis in human leukemia U937 cells via Bcl-2 downregulation and caspase-3 activation. <i>Chemotherapy</i> , 2008 , 54, 157-65	3.2	52
363	Identification of chemical structure and free radical scavenging activity of diploretohydroxycarmalol isolated from a brown alga, Ishige okamurae. <i>Journal of Microbiology and Biotechnology</i> , 2008 , 18, 676-81	3.3	52
362	Sulforaphane induces reactive oxygen species-mediated mitotic arrest and subsequent apoptosis in human bladder cancer 5637 cells. <i>Food and Chemical Toxicology</i> , 2014 , 64, 157-65	4.7	50
361	A four-gene signature predicts disease progression in muscle invasive bladder cancer. <i>Molecular Medicine</i> , 2011 , 17, 478-85	6.2	50
360	Antiproliferative effect of resveratrol in human prostate carcinoma cells. <i>Journal of Medicinal Food</i> , 2003 , 6, 273-80	2.8	49
359	Protective Effect of Sulfated Polysaccharides from Celluclast-Assisted Extract of Against Ultraviolet B-Induced Skin Damage by Regulating NF- κ B, AP-1, and MAPKs Signaling Pathways In Vitro in Human Dermal Fibroblasts. <i>Marine Drugs</i> , 2018 , 16,	6	47
358	Popular edible seaweed, Gelidium amansii prevents against diet-induced obesity. <i>Food and Chemical Toxicology</i> , 2016 , 90, 181-7	4.7	46
357	Antioxidant activity of polysaccharide purified from Acanthopanax koreanum Nakai stems in vitro and in vivo zebrafish model. <i>Carbohydrate Polymers</i> , 2015 , 127, 38-46	10.3	45
356	Fucoidan inhibits the proliferation of human urinary bladder cancer T24 cells by blocking cell cycle progression and inducing apoptosis. <i>Molecules</i> , 2014 , 19, 5981-98	4.8	45
355	Spermidine Protects against Oxidative Stress in Inflammation Models Using Macrophages and Zebrafish. <i>Biomolecules and Therapeutics</i> , 2018 , 26, 146-156	4.2	43
354	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

353	Protective effect of diploretrohydroxycarmalol isolated from <i>Ishige okamurae</i> against high glucose-induced-oxidative stress in human umbilical vein endothelial cells. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1448-54	4.7	43
352	Delphinidin inhibits angiogenesis through the suppression of HIF-1 α and VEGF expression in A549 lung cancer cells. <i>Oncology Reports</i> , 2017 , 37, 777-784	3.5	42
351	Diallyl trisulfide-induced apoptosis of bladder cancer cells is caspase-dependent and regulated by PI3K/Akt and JNK pathways. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 37, 74-83	5.8	42
350	Protective effect of green tea catechin against urban fine dust particle-induced skin aging by regulation of NF- κ B, AP-1, and MAPKs signaling pathways. <i>Environmental Pollution</i> , 2019 , 252, 1318-1324	9.3	41
349	Anti-inflammatory effects of β -hydroxyisovalerylshikonic acid in BV2 microglia are mediated through suppression of the PI3K/Akt/NF- κ B pathway and activation of the Nrf2/HO-1 pathway. <i>Food and Chemical Toxicology</i> , 2014 , 65, 82-9	4.7	40
348	Morin, a flavonoid from moraceae, induces apoptosis by induction of BAD protein in human leukemic cells. <i>International Journal of Molecular Sciences</i> , 2014 , 16, 645-59	6.3	40
347	Apigenin decreases cell viability and telomerase activity in human leukemia cell lines. <i>Food and Chemical Toxicology</i> , 2012 , 50, 2605-11	4.7	40
346	Schisandrin A prevents oxidative stress-induced DNA damage and apoptosis by attenuating ROS generation in C2C12 cells. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 106, 902-909	7.5	39
345	Neuroprotective effect of phlorotannin isolated from <i>Ishige okamurae</i> against H ₂ O ₂ -induced oxidative stress in murine hippocampal neuronal cells, HT22. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 166, 1520-32	3.2	39
344	Anti-invasive activity of sanguinarine through modulation of tight junctions and matrix metalloproteinase activities in MDA-MB-231 human breast carcinoma cells. <i>Chemico-Biological Interactions</i> , 2009 , 179, 185-91	5	39
343	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
342	Mangiferin inhibits tumor necrosis factor- α -induced matrix metalloproteinase-9 expression and cellular invasion by suppressing nuclear factor- κ B activity. <i>BMB Reports</i> , 2015 , 48, 559-64	5.5	38
341	Activation of the Nrf2/HO-1 signaling pathway contributes to the protective effects of baicalein against oxidative stress-induced DNA damage and apoptosis in HE193 Schwann cells. <i>International Journal of Medical Sciences</i> , 2019 , 16, 145-155	3.7	37
340	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
339	Flavonoids Isolated from Flowers of <i>Lonicera japonica</i> Thunb. Inhibit Inflammatory Responses in BV2 Microglial Cells by Suppressing TNF- α and IL-1 β through PI3K/Akt/NF- κ B Signaling Pathways. <i>Phytotherapy Research</i> , 2016 , 30, 1824-1832	6.7	37
338	Downregulation of NO and PGE2 in LPS-stimulated BV2 microglial cells by trans-isoferulic acid via suppression of PI3K/Akt-dependent NF- κ B and activation of Nrf2-mediated HO-1. <i>International Immunopharmacology</i> , 2014 , 18, 203-11	5.8	37
337	Anti-inflammatory potential of total saponins derived from the roots of <i>in</i> lipopolysaccharide-activated RAW 264.7 macrophages. <i>Experimental and Therapeutic Medicine</i> , 2016 , 11, 1109-1115	2.1	36
336	Induction of G2/M arrest, endoreduplication, and apoptosis by actin depolymerization agent pectenotoxin-2 in human leukemia cells, involving activation of ERK and JNK. <i>Biochemical Pharmacology</i> , 2008 , 76, 312-21	6	36

335	Assessment of anti-inflammatory effect of 5-hydroxy-palissadin B isolated from red seaweed <i>Laurencia snackeyi</i> in zebrafish embryo in vivo model. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 37, 110-7	5.8	35
334	Ethanol extract of <i>Poria cocos</i> reduces the production of inflammatory mediators by suppressing the NF-kappaB signaling pathway in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 101	4.7	35
333	Apoptosis induction of U937 human leukemia cells by diallyl trisulfide induces through generation of reactive oxygen species. <i>Journal of Biomedical Science</i> , 2012 , 19, 50	13.3	35
332	The administration of <i>Fructus Schisandrae</i> attenuates dexamethasone-induced muscle atrophy in mice. <i>International Journal of Molecular Medicine</i> , 2015 , 36, 29-42	4.4	34
331	Urinary MicroRNAs of Prostate Cancer: Virus-Encoded hsv1-miRH18 and hsv2-miR-H9-5p Could Be Valuable Diagnostic Markers. <i>International Neurourology Journal</i> , 2015 , 19, 74-84	2.6	34
330	Hepatitis C virus core protein represses the p21 promoter through inhibition of a TGF-beta pathway. <i>Journal of General Virology</i> , 2002 , 83, 2145-2151	4.9	34
329	Anti-inflammatory mechanism of <i>Echiniferin</i> regulates lipopolysaccharide-induced release of proinflammatory mediators in BV2 microglial cells. <i>Cellular Immunology</i> , 2014 , 290, 21-9	4.4	33
328	A marine algal polyphenol, dieckol, attenuates blood glucose levels by Akt pathway in alloxan induced hyperglycemia zebrafish model. <i>RSC Advances</i> , 2016 , 6, 78570-78575	3.7	33
327	Algae Metabolites in Cosmeceutical: An Overview of Current Applications and Challenges. <i>Marine Drugs</i> , 2020 , 18,	6	31
326	Inhibition of matrix metalloproteinase activities and tightening of tight junctions by diallyl disulfide in AGS human gastric carcinoma cells. <i>Journal of Food Science</i> , 2011 , 76, T105-11	3.4	31
325	Induction of apoptosis and inhibition of invasion in human hepatoma cells by anthocyanins from <i>meoru</i> . <i>Annals of the New York Academy of Sciences</i> , 2009 , 1171, 137-48	6.5	31
324	Apoptosis induction of human prostate carcinoma DU145 cells by diallyl disulfide via modulation of JNK and PI3K/AKT signaling pathways. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 14158-71	6.3	31
323	Baicalein protects C6 glial cells against hydrogen peroxide-induced oxidative stress and apoptosis through regulation of the Nrf2 signaling pathway. <i>International Journal of Molecular Medicine</i> , 2016 , 37, 798-806	4.4	30
322	Nrf2-mediated HO-1 induction contributes to antioxidant capacity of a <i>Schisandrae Fructus</i> ethanol extract in C2C12 myoblasts. <i>Nutrients</i> , 2014 , 6, 5667-78	6.7	30
321	Caffeic acid phenethyl ester reduces the secretion of vascular endothelial growth factor through the inhibition of the ROS, PI3K and HIF-1 signaling pathways in human retinal pigment epithelial cells under hypoxic conditions. <i>International Journal of Molecular Medicine</i> , 2015 , 35, 1419-26	4.4	30
320	In vitro and in vivo anti-inflammatory activities of a fucose-rich fucoidan isolated from <i>Saccharina japonica</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 717-729	7.9	30
319	Ameliorative Effect of <i>Ecklonia cava</i> Polyphenol Extract on Renal Inflammation Associated with Aberrant Energy Metabolism and Oxidative Stress in High Fat Diet-Induced Obese Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 3811-3818	5.7	29
318	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

317	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
316	Expression of human endogenous retrovirus env genes in the blood of breast cancer patients. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 9173-83	6.3	29
315	In Vitro and In Vivo Antioxidant Activities of Polysaccharides Isolated from Celluclast-Assisted Extract of an Edible Brown Seaweed,. <i>Antioxidants</i> , 2019 , 8,	7.1	28
314	18 β -Glycyrrhetic acid suppresses TNF- α -Induced matrix metalloproteinase-9 and vascular endothelial growth factor by suppressing the Akt-dependent NF- κ B pathway. <i>Toxicology in Vitro</i> , 2014 , 28, 751-8	3.6	28
313	Polyphenols Isolated from <i>Allium cepa</i> L. Induces Apoptosis by Induction of p53 and Suppression of Bcl-2 through Inhibiting PI3K/Akt Signaling Pathway in AGS Human Cancer Cells. <i>Journal of Cancer Prevention</i> , 2014 , 19, 14-22	3	28
312	Elapachone-Induced Apoptosis of Human Gastric Carcinoma AGS Cells Is Caspase-Dependent and Regulated by the PI3K/Akt Pathway. <i>Biomolecules and Therapeutics</i> , 2014 , 22, 184-92	4.2	28
311	Camptothecin sensitizes human hepatoma Hep3B cells to TRAIL-mediated apoptosis via ROS-dependent death receptor 5 upregulation with the involvement of MAPKs. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 38, 959-67	5.8	27
310	Involvement of autophagy in cordycepin-induced apoptosis in human prostate carcinoma LNCaP cells. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 38, 239-50	5.8	27
309	7,8-Dihydroxyflavone exhibits anti-inflammatory properties by downregulating the NF- κ B and MAPK signaling pathways in lipopolysaccharide-treated RAW264.7 cells. <i>International Journal of Molecular Medicine</i> , 2012 , 29, 1146-52	4.4	27
308	Protective effect of marine brown algal polyphenols against oxidative stressed zebrafish with high glucose. <i>RSC Advances</i> , 2015 , 5, 25738-25746	3.7	26
307	Mori folium inhibits interleukin-1 β -induced expression of matrix metalloproteinases and inflammatory mediators by suppressing the activation of NF- κ B and p38 MAPK in SW1353 human chondrocytes. <i>International Journal of Molecular Medicine</i> , 2016 , 37, 452-60	4.4	26
306	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
305	Astaxanthin improves stem cell potency via an increase in the proliferation of neural progenitor cells. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 5109-19	6.3	26
304	Polyphenols from <i>Artemisia annua</i> L Inhibit Adhesion and EMT of Highly Metastatic Breast Cancer Cells MDA-MB-231. <i>Phytotherapy Research</i> , 2016 , 30, 1180-8	6.7	26
303	Trans-cinnamaldehyde protects C2C12 myoblasts from DNA damage, mitochondrial dysfunction and apoptosis caused by oxidative stress through inhibiting ROS production. <i>Genes and Genomics</i> , 2021 , 43, 303-312	2.1	26
302	AP-2 may contribute to IGF-II overexpression in rhabdomyosarcoma. <i>Oncogene</i> , 1998 , 17, 1261-70	9.2	25
301	Anti-inflammatory Effects of <i>Schisandra chinensis</i> (Turcz.) Baill Fruit Through the Inactivation of Nuclear Factor- κ B and Mitogen-activated Protein Kinases Signaling Pathways in Lipopolysaccharide-stimulated Murine Macrophages. <i>Journal of Cancer Prevention</i> , 2014 , 19, 279-87	3	25
300	Baicalein Inhibits the Migration and Invasion of B16F10 Mouse Melanoma Cells through Inactivation of the PI3K/Akt Signaling Pathway. <i>Biomolecules and Therapeutics</i> , 2017 , 25, 213-221	4.2	25

299	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
298	Induction of apoptosis by pectenotoxin-2 is mediated with the induction of DR4/DR5, Egr-1 and NAG-1, activation of caspases and modulation of the Bcl-2 family in p53-deficient Hep3B hepatocellular carcinoma cells. <i>Oncology Reports</i> , 2008 , 19, 517-26	3.5	25
297	Isolation, Characterization, and Antioxidant Activity Evaluation of a Fucoidan from an Enzymatic Digest of the Edible Seaweed,. <i>Antioxidants</i> , 2020 , 9,	7.1	24
296	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
295	Anti-inflammatory effects of sodium alginate/gelatin porous scaffolds merged with fucoidan in murine microglial BV2 cells. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1620-1632	7.9	24
294	Schisandrae Fructus Inhibits IL-1β-Induced Matrix Metalloproteinases and Inflammatory Mediators Production in SW1353 Human Chondrocytes by Suppressing NF-κB and MAPK Activation. <i>Drug Development Research</i> , 2015 , 76, 474-83	5.1	24
293	Novel combination markers for predicting survival in patients with muscle invasive bladder cancer: USP18 and DGCR2. <i>Journal of Korean Medical Science</i> , 2014 , 29, 351-6	4.7	24
292	Rapid preparation of functional polysaccharides from <i>Pyropia yezoensis</i> by microwave-assistant rapid enzyme digest system. <i>Carbohydrate Polymers</i> , 2016 , 153, 512-517	10.3	24
291	Diphlorethohydroxycarmalol Isolated from <i>Represses</i> High Glucose-Induced Angiogenesis In Vitro and In Vivo. <i>Marine Drugs</i> , 2018 , 16,	6	24
290	<i>Sargassum horneri</i> (Turner) C. Agardh ethanol extract inhibits the fine dust inflammation response via activating Nrf2/HO-1 signaling in RAW 264.7 cells. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 249	4.7	24
289	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
288	Silibinin induces apoptosis of HT29 colon carcinoma cells through early growth response-1 (EGR-1)-mediated non-steroidal anti-inflammatory drug-activated gene-1 (NAG-1) up-regulation. <i>Chemico-Biological Interactions</i> , 2014 , 211, 36-43	5	23
287	Downregulation of pro-inflammatory mediators by a water extract of <i>Schisandra chinensis</i> (Turcz.) Baill fruit in lipopolysaccharide-stimulated RAW 264.7 macrophage cells. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 36, 256-264	5.8	23
286	6-Shogaol enhances renal carcinoma Caki cells to TRAIL-induced apoptosis through reactive oxygen species-mediated cytochrome c release and down-regulation of c-FLIP(L) expression. <i>Chemico-Biological Interactions</i> , 2015 , 228, 69-78	5	23
285	Anti-invasive activity of anthocyanins isolated from <i>Vitis coignetiae</i> in human hepatocarcinoma cells. <i>Journal of Medicinal Food</i> , 2009 , 12, 967-72	2.8	23
284	Thioridazine enhances sensitivity to carboplatin in human head and neck cancer cells through downregulation of c-FLIP and Mcl-1 expression. <i>Cell Death and Disease</i> , 2017 , 8, e2599	9.8	22
283	Anti-fatigue activity of a mixture of seahorse (<i>Hippocampus abdominalis</i>) hydrolysate and red ginseng. <i>Fisheries and Aquatic Sciences</i> , 2017 , 20,	2.9	22
282	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

- 281 Fermented Oyster Extract Promotes Osteoblast Differentiation by Activating the Wnt/ β Catenin Signaling Pathway, Leading to Bone Formation. *Biomolecules*, **2019**, 9, 5.9 22
- 280 3,3'-Diindolylmethane inhibits VEGF expression through the HIF-1 α and NF- κ B pathways in human retinal pigment epithelial cells under chemical hypoxic conditions. *International Journal of Molecular Medicine*, **2015**, 36, 301-8 4.4 22
- 279 Phloroglucinol (PG) purified from *Ecklonia cava* attenuates radiation-induced apoptosis in blood lymphocytes and splenocytes. *Food and Chemical Toxicology*, **2011**, 49, 2236-42 4.7 22
- 278 Pectenotoxin-2 from marine sponges: a potential anti-cancer agent-a review. *Marine Drugs*, **2011**, 9, 2176-87 22
- 277 Induction of apoptosis by morusin in human non-small cell lung cancer cells by suppression of EGFR/STAT3 activation. *Biochemical and Biophysical Research Communications*, **2018**, 505, 194-200 3.4 22
- 276 HSP70-1 is required for interleukin-5-induced angiogenic responses through eNOS pathway. *Scientific Reports*, **2017**, 7, 44687 4.9 21
- 275 Melittin has a chondroprotective effect by inhibiting MMP-1 and MMP-8 expressions via blocking NF- κ B and AP-1 signaling pathway in chondrocytes. *International Immunopharmacology*, **2015**, 25, 400-5 5.8 21
- 274 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. *Environmental Toxicology and Pharmacology*, **2015**, 30, 1488-93 5.8 21
- 273 Momilactone B induces apoptosis and G1 arrest of the cell cycle in human monocytic leukemia U937 cells through downregulation of pRB phosphorylation and induction of the cyclin-dependent kinase inhibitor p21Waf1/Cip1. *Oncology Reports*, **2014**, 31, 1653-60 3.5 21
- 272 Protective effect of diphloretohydroxycarmalol isolated from *Ishige okamurae* against UVB-induced damage in vitro in human dermal fibroblasts and in vivo in zebrafish. *Food and Chemical Toxicology*, **2020**, 136, 110963 4.7 21
- 271 Flavonoids from Citrus unshiu Marc. inhibit cancer cell adhesion to endothelial cells by selective inhibition of VCAM-1. *Oncology Reports*, **2013**, 30, 2336-42 3.5 20
- 270 Pectenotoxin-2 abolishes constitutively activated NF- κ B, leading to suppression of NF- κ B related gene products and potentiation of apoptosis. *Cancer Letters*, **2008**, 271, 25-33 9.9 20
- 269 MicroRNA-106a suppresses proliferation, migration, and invasion of bladder cancer cells by modulating MAPK signaling, cell cycle regulators, and Ets-1-mediated MMP-2 expression. *Oncology Reports*, **2016**, 36, 2421-9 3.5 20
- 268 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
- 267 Glutathione Induced Immune-Stimulatory Activity by Promoting M1-Like Macrophages Polarization via Potential ROS Scavenging Capacity. *Antioxidants*, **2019**, 8, 7.1 19
- 266 Anthocyanins from *L.* Inhibit Oxidative Stress-Mediated Apoptosis by Activating the Nrf2/HO-1 Signaling Pathway. *Antioxidants*, **2020**, 9, 7.1 19
- 265 Apigenin promotes TRAIL-mediated apoptosis regardless of ROS generation. *Food and Chemical Toxicology*, **2018**, 111, 623-630 4.7 19
- 264 Molecular chemotherapeutic potential of butein: A concise review. *Food and Chemical Toxicology*, **2018**, 112, 1-10 4.7 19

263	YCG063 inhibits <i>Pseudomonas aeruginosa</i> LPS-induced inflammation in human retinal pigment epithelial cells through the TLR2-mediated AKT/NF- κ B pathway and ROS-independent pathways. <i>International Journal of Molecular Medicine</i> , 2015 , 36, 808-16	4.4	19
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261	Ethanol Extract of <i>Ganoderma lucidum</i> Augments Cellular Anti-oxidant Defense through Activation of Nrf2/HO-1. <i>Journal of Pharmacopuncture</i> , 2016 , 19, 59-69	1.6	19
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111	Protective effects of Fructus sophorae extract on collagen-induced arthritis in BALB/c mice. <i>Experimental and Therapeutic Medicine</i> , 2017 , 13, 146-154	2.1	5
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