

# Yung Hyun Choi

## 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.

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	Detrimental impact of fine dust on zebrafish: Investigating a protective agent against ocular-damage using in vitro and in vivo models.. <i>Chemosphere</i> , <b>2022</b> , 293, 133602	8.4	
387	Dietary fucoidan from a brown marine algae ( <i>Ecklonia cava</i> ) attenuates lipid accumulation in differentiated 3T3-L1 cells and alleviates high-fat diet-induced obesity in mice.. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 162, 112862	4.7	1
386	Expression of hsv1-miR-H18 and hsv2-miR-H9 as a field defect marker for detecting prostate cancer.. <i>Prostate International</i> , <b>2022</b> , 10, 1-6	3.4	1
385	NMR-based metabolomics revealed metabolic changes in energy production for viral replication and immunological response in rock bream ( <i>Oplegnathus fasciatus</i> ) tissues during rock bream iridovirus (RBIV) infection. <i>Aquaculture</i> , <b>2022</b> , 547, 737451	4.4	
384	Urinary hsv2-miR-H9 to hsa-miR-3659 ratio is an effective marker for discriminating prostate cancer from benign prostate hyperplasia in patients within the prostate-specific antigen grey zone.. <i>Investigative and Clinical Urology</i> , <b>2022</b> , 63, 238-244	1.9	
383	Aqueous extracts of Corni Fructus protect C2C12 myoblasts from DNA damage and apoptosis caused by oxidative stress.. <i>Molecular Biology Reports</i> , <b>2022</b> , 1	2.8	
382	Protection of Oxidative Stress-induced DNA Damage and Apoptosis by Rosmarinic Acid in Murine Myoblast C2C12 Cells. <i>Biotechnology and Bioprocess Engineering</i> , <b>2022</b> , 27, 171-182	3.1	1
381	Tacrolimus Induces Apoptosis in Leukemia Jurkat Cells through Inactivation of the Reactive Oxygen Species-dependent Phosphoinositide-3-Kinase/Akt Signaling Pathway. <i>Biotechnology and Bioprocess Engineering</i> , <b>2022</b> , 27, 183-192	3.1	1
380	BAP1 phosphorylation-mediated Sp1 stabilization plays a critical role in cathepsin K inhibition-induced C-terminal p53-dependent Bax upregulation.. <i>Redox Biology</i> , <b>2022</b> , 53, 102336	11.3	0
379	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> , <b>2022</b> , 16, 330	2.1	
378	Antihypertensive Effects of IGTGIPGIW Peptide Purified from <i>Hippocampus abdominalis</i> : p-eNOS and p-AKT Stimulation in EA.hy926 Cells and Lowering of Blood Pressure in SHR Model. <i>Marine Drugs</i> , <b>2022</b> , 20, 354	6	1
377	Nargenicin A1 attenuates lipopolysaccharide-induced inflammatory and oxidative response by blocking the NF- $\kappa$ B signaling pathway. <i>EXCLI Journal</i> , <b>2021</b> , 20, 968-982	2.4	1
376	Schisandrae Fructus ethanol extract attenuates particulate matter 2.5-induced inflammatory and oxidative responses by blocking the activation of the ROS-dependent NF- $\kappa$ B signaling pathway. <i>Nutrition Research and Practice</i> , <b>2021</b> , 15, 686-702	2.1	1
375	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> , <b>2021</b> , 10,	4.9	2
374	Comparision of Antioxidant and Physiological Activities of Processed Waters Generated during Red Bean Paste Preparation. <i>Journal of the Korean Society of Food Science and Nutrition</i> , <b>2021</b> , 50, 1168-1176 <sup>1.5</sup>		
373	Ishige okamurae and diphloroethoxyhydroxycarmalol inhibit palmitic acid-impaired skeletal myogenesis and improve muscle regenerative potential. <i>Journal of Functional Foods</i> , <b>2021</b> , 87, 104832	5.1	3
372	Arsenic removal from the popular edible seaweed <i>Sargassum fusiforme</i> by sequential processing involving hot water, citric acid, and fermentation.. <i>Chemosphere</i> , <b>2021</b> , 133409	8.4	0

371	The Experience of Emotional Labor and Its Related Factors among Nurses in General Hospital Settings in Republic of Korea: A Systematic Review and Meta-Analysis. <i>Sustainability</i> , <b>2021</b> , 13, 11634	3.6	2
370	Induction of Apoptosis by Isoalantolactone in Human Hepatocellular Carcinoma Hep3B Cells through Activation of the ROS-Dependent JNK Signaling Pathway. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
369	Safety effect of fermented oyster extract on the endocrine disruptor assay in vitro and in vivo. <i>Fisheries and Aquatic Sciences</i> , <b>2021</b> , 24, 330-339	2.9	
368	Mori Ramulus Suppresses Hydrogen Peroxide-Induced Oxidative Damage in Murine Myoblast C2C12 Cells through Activation of AMPK. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
367	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> , <b>2021</b> , 26,	4.8	9
366	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> , <b>2021</b> , 25, 119-127	2.3	7
365	LCT-3d Induces Oxidative Stress-Mediated Apoptosis by Upregulating Death Receptor 5 in Gastric Cancer Cells. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 658608	5.3	1
364	Differential proteome profile of gill and spleen in three pathogen-infected <i>Paralichthys olivaceus</i> . <i>Genes and Genomics</i> , <b>2021</b> , 43, 701-712	2.1	2
363	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> , <b>2021</b> , 22,	6.3	3
362	Human Endogenous Retrovirus (HERV)-K Gene Knockout Affects Tumorigenic Characteristics of Gene in DLD-1 Colorectal Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	9
361	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> , <b>2021</b> , 29, 685-696	4.2	7
360	Fisetin inhibits lipopolysaccharide-induced inflammatory response by activating $\beta$ -catenin, leading to a decrease in endotoxic shock. <i>Scientific Reports</i> , <b>2021</b> , 11, 8377	4.9	5
359	Algae-Derived Anti-Inflammatory Compounds against Particulate Matters-Induced Respiratory Diseases: A Systematic Review. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	1
358	VNTR polymorphism in the breakpoint region of ABL1 and susceptibility to bladder cancer. <i>BMC Medical Genomics</i> , <b>2021</b> , 14, 121	3.7	1
357	Anti-Inflammatory Effect of Auranofin on Palmitic Acid and LPS-Induced Inflammatory Response by Modulating TLR4 and NOX4-Mediated NF- $\kappa$ B Signaling Pathway in RAW264.7 Macrophages. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
356	In Vitro and In Vivo Anti-Inflammatory Effects of Sulfated Polysaccharides Isolated from the Edible Brown Seaweed,. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	4
355	Purification and Structural Characterization of Sulfated Polysaccharides Derived from Brown Algae, : Inhibitory Mechanism of iNOS and COX-2 Pathway Interaction. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
354	The Root Extract of Induces Apoptosis in EGFR TKI-Resistant Human Lung Cancer Cells by Inactivation of STAT3. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3

353	Bisphenol A: A potential Toll-like receptor 4/myeloid differentiation factor 2 complex agonist. <i>Environmental Pollution</i> , <b>2021</b> , 278, 116829	9.3	4
352	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> , <b>2021</b> , 44, 875-883	2.3	2
351	Inhibition of Proliferation of LNCaP Prostate Cells by Corni Fructus Extract Is Associated with a Decrease in the Expression of Benign Prostatic Hyperplasia-Causing Factors. <i>Journal of Korean Medicine for Obesity Research</i> , <b>2021</b> , 21, 10-21	0.3	1
350	The regulation of the TLR4/NF- $\kappa$ 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> , <b>2021</b> , 706, 108926	4.1	9
349	Fucoidan isolated from Hizikia fusiforme suppresses ultraviolet B-induced photodamage by down-regulating the expressions of matrix metalloproteinases and pro-inflammatory cytokines via inhibiting NF- $\kappa$ B, AP-1, and MAPK signaling pathways. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 166, 751-759	7.9	13
348	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> , <b>2021</b> , 43, 17-31	2.1	3
347	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> , <b>2021</b> , 697, 108688	4.1	13
346	Indirubin-3Qmonoxime induces paraptosis in MDA-MB-231 breast cancer cells by transmitting Ca from endoplasmic reticulum to mitochondria. <i>Archives of Biochemistry and Biophysics</i> , <b>2021</b> , 698, 108723	4.1	8
345	A prognostic immune predictor, HLA-DRA, plays diverse roles in non-muscle invasive and muscle invasive bladder cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2021</b> , 39, 237.e21-237.e29	2.8	4
344	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> , <b>2021</b> , 43, 303-312	2.1	26
343	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> , <b>2021</b> , 10,	7.1	4
342	Fucoanthin-rich fraction from alleviates particulate matter-induced inflammation and. <i>Toxicology Reports</i> , <b>2021</b> , 8, 349-358	4.8	12
341	Potential Antioxidant Properties of Enzymatic Hydrolysates from against Hydrogen Peroxide-Induced Oxidative Stress. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
340	Effect of rosmarinic acid on differentiation and mineralization of MC3T3-E1 osteoblastic cells on titanium surface. <i>Animal Cells and Systems</i> , <b>2021</b> , 25, 46-55	2.3	5
339	Fucoidan isolated from the popular edible brown seaweed Sargassum fusiforme suppresses lipopolysaccharide-induced inflammation by blocking NF- $\kappa$ B signal pathway. <i>Journal of Applied Phycology</i> , <b>2021</b> , 33, 1845-1852	3.2	4
338	Dieckol, an Algae-Derived Phenolic Compound, Suppresses UVB-Induced Skin Damage in Human Dermal Fibroblasts and Its Underlying Mechanisms. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
337	A Molecular Signature Determines the Prognostic and Therapeutic Subtype of Non-Muscle-Invasive Bladder Cancer Responsive to Intravesical Bacillus Calmette-Guérin Therapy. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
336	Anthocyanins from L. Inhibit NLRP3 Inflammasome in BV2 Microglia Cells by Alleviating NF- $\kappa$ B- and ER Stress-Induced Ca Accumulation and Mitochondrial ROS Production. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 1246491	6.7	8

335	Editorial Expression of Concern: Tumor necrosis factor-inducible gene 6 protein ameliorates chronic liver damage by promoting autophagy formation in mice. <i>Experimental and Molecular Medicine</i> , <b>2021</b> , 53, 300	12.8	
334	Saringosterol acetate isolated from <i>Hizikia fusiforme</i> , an edible brown alga, suppressed hepatocellular carcinoma growth and metastasis in a zebrafish xenograft model. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 335, 109362	5	5
333	Fisetin Inhibits NLRP3 Inflammasome by Suppressing TLR4/MD2-Mediated Mitochondrial ROS Production. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
332	Rare minisatellite alleles of MUC2-MS8 influence susceptibility to rectal carcinoma. <i>Genes and Genomics</i> , <b>2021</b> , 43, 1381-1388	2.1	0
331	The Effectiveness and Safety of Mind-Body Modalities for Mental Health of Nurses in Hospital Setting: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	4
330	Proteome profile of spleen in rock bream ( <i>Oplegnathus fasciatus</i> ) naturally infected with rock bream iridovirus (RBIV). <i>Genes and Genomics</i> , <b>2021</b> , 43, 1259-1268	2.1	
329	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> , <b>2021</b> , 13,	6.7	3
328	Sarcopenia; functional concerns, molecular mechanisms involved, and seafood as a nutritional intervention - review article. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-21	11.5	1
327	The Protective Effect of Topical Spermidine on Dry Eye Disease with Retinal Damage Induced by Diesel Particulate Matter 2.5. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
326	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> , <b>2021</b> , 10,	7.1	4
325	Emotional Labor, Burnout, Medical Error, and Turnover Intention among South Korean Nursing Staff in a University Hospital Setting. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
324	Fisetin promotes osteoblast differentiation and osteogenesis through GSK-3 $\beta$ phosphorylation at Ser9 and consequent $\beta$ -catenin activation, inhibiting osteoporosis. <i>Biochemical Pharmacology</i> , <b>2021</b> , 192, 114676	6	4
323	Anthocyanin-enriched polyphenols from <i>Hibiscus syriacus</i> L. (Malvaceae) exert anti-osteoporosis effects by inhibiting GSK-3 $\beta$ and subsequently activating $\beta$ -catenin. <i>Phytomedicine</i> , <b>2021</b> , 91, 153721	6.5	3
322	Urinary microRNA-1913 to microRNA-3659 expression ratio as a non-invasive diagnostic biomarker for prostate cancer. <i>Investigative and Clinical Urology</i> , <b>2021</b> , 62, 340-348	1.9	3
321	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> , <b>2021</b> , 22,	6.3	4
320	Inhibition of Lipopolysaccharide-Induced Inflammatory and Oxidative Responses by -cinnamaldehyde in C2C12 Myoblasts. <i>International Journal of Medical Sciences</i> , <b>2021</b> , 18, 2480-2492	3.7	2
319	Particulate Matter-Induced Inflammation/Oxidative Stress in Macrophages: Fucosterol from as a Potent Protector, Activated via NF- $\kappa$ B/MAPK Pathways and Nrf2/HO-1 Involvement. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	6
318	Alginate Acid From Abate Particulate Matter-Induced Inflammatory Responses in Keratinocytes and Dermal Fibroblasts. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3

317	Protective Effects of against Hydrogen Peroxide-Induced Oxidative Stress and Cell Death in Skin Keratinocytes. <i>Life</i> , <b>2020</b> , 10,	3	2
316	Dieckol, an algae-derived phenolic compound, suppresses airborne particulate matter-induced skin aging by inhibiting the expressions of pro-inflammatory cytokines and matrix metalloproteinases through regulating NF- $\kappa$ B, AP-1, and MAPKs signaling pathways. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 145, 111823	4.7	9
315	Isolation, Characterization, and Antioxidant Activity Evaluation of a Fucoidan from an Enzymatic Digest of the Edible Seaweed,. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	24
314	Lupeol suppresses plasminogen activator inhibitor-1-mediated macrophage recruitment and attenuates M2 macrophage polarization. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 527, 889-895	3.4	4
313	Fanconi Anemia Pathway Activation by FOXM1 Is Critical to Bladder Cancer Recurrence and Anticancer Drug Resistance. <i>Cancers</i> , <b>2020</b> , 12,	6.6	8
312	A Novel Peptide Oligomer of Bacitracin Induces M1 Macrophage Polarization by Facilitating Ca Influx. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	5
311	Effect of fermented oyster extract on growth promotion in Sprague-Dawley rats. <i>Integrative Medicine Research</i> , <b>2020</b> , 9, 100412	2.7	3
310	Algae Metabolites in Cosmeceutical: An Overview of Current Applications and Challenges. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	31
309	Diesel particulate matter <sub>2.5</sub> promotes epithelial-mesenchymal transition of human retinal pigment epithelial cells via generation of reactive oxygen species. <i>Environmental Pollution</i> , <b>2020</b> , 262, 114301	9.3	24
308	Co-Expression Network Analysis of Spleen Transcriptome in Rock Bream ( ) Naturally Infected with Rock Bream Iridovirus (RBIV). <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
307	Genome based quantification of VHSV in multiple organs of infected olive flounder (Paralichthys olivaceus) using real-time PCR. <i>Genes and Genomics</i> , <b>2020</b> , 42, 773-777	2.1	0
306	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> , <b>2020</b> , 9,	7.1	2
305	Effects of collagen peptides from skate (Raja kenosjei) skin on improvements of the insulin signaling pathway via attenuation of oxidative stress and inflammation. <i>Food and Function</i> , <b>2020</b> , 11, 2017-2025	6.1	12
304	Protective Effect of Diphlorethohydroxycarmalol Isolated from Against Particulate Matter-Induced Skin Damage by Regulation of NF- $\kappa$ B, AP-1, and MAPKs Signaling Pathways In Vitro in Human Dermal Fibroblasts. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
303	Honokiol ameliorates oxidative stress-induced DNA damage and apoptosis of c2c12 myoblasts by ROS generation and mitochondrial pathway. <i>Animal Cells and Systems</i> , <b>2020</b> , 24, 60-68	2.3	9
302	Structural Evidence for Antihypertensive Effect of an Antioxidant Peptide Purified from the Edible Marine Animal. <i>Journal of Medicinal Food</i> , <b>2020</b> , 23, 132-138	2.8	9
301	Extract of Protects Keratinocytes from Particulate Matter-induced Oxidative Stress. <i>International Journal of Medical Sciences</i> , <b>2020</b> , 17, 63-70	3.7	8
300	Anthocyanins from L. Inhibit Oxidative Stress-Mediated Apoptosis by Activating the Nrf2/HO-1 Signaling Pathway. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	19



299	Antioxidant potential of extract against urban particulate matter-induced oxidation. <i>Food Science and Biotechnology</i> , <b>2020</b> , 29, 855-865	3	11
298	Antioxidant Potential of Sulfated Polysaccharides from ; Protective Effect against Oxidative Stress in In Vitro and In Vivo Zebrafish Model. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	18
297	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> , <b>2020</b> , 21, 1275-1282	1.7	3
296	Auranofin Enhances Sulforaphane-Mediated Apoptosis in Hepatocellular Carcinoma Hep3B Cells through Inactivation of the PI3K/Akt Signaling Pathway. <i>Biomolecules and Therapeutics</i> , <b>2020</b> , 28, 443-453	4.2	25
295	Skate cartilage extracts containing chondroitin sulfate ameliorates hyperlipidemia-induced inflammation and oxidative stress in high cholesterol diet-fed LDL receptor knockout mice in comparison with shark chondroitin sulfate. <i>Nutrition Research and Practice</i> , <b>2020</b> , 14, 175-187	2.1	4
294	A novel tumor suppressing gene, , is an independent prognostic biomarker for bladder cancer. <i>Oncology Letters</i> , <b>2020</b> , 19, 476-486	2.6	6
293	Anthocyanins isolated from Hibiscus syriacus L. attenuate lipopolysaccharide-induced inflammation and endotoxic shock by inhibiting the TLR4/MD2-mediated NF- $\kappa$ B signaling pathway. <i>Phytomedicine</i> , <b>2020</b> , 76, 153237	6.5	19
292	Expression analysis of LTR-derived miR-1269a and target gene, KSR2 in Sebastes schlegelii. <i>Genes and Genomics</i> , <b>2020</b> , 42, 55-65	2.1	1
291	Protective effect of diphlorethohydroxycarmalol isolated from Ishige okamurae against UVB-induced damage in vitro in human dermal fibroblasts and in vivo in zebrafish. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 136, 110963	4.7	21
290	GSK-3 $\beta$ Targeting Fisetin Promotes Melanogenesis in B16F10 Melanoma Cells and Zebrafish Larvae through $\beta$ Catenin Activation. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	11
289	Anti-inflammatory and anti-melanogenesis activities of sulfated polysaccharides isolated from Hizikia fusiforme: Short communication. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 142, 545-550	7.9	18
288	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> , <b>2020</b> , 25,	4.8	1
287	The root bark of Morus alba L. regulates tumor-associated macrophages by blocking recruitment and M2 polarization of macrophages. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 3333-3344	6.7	4
286	Diesel Particulate Matter 2.5 Induces Epithelial-to-Mesenchymal Transition and Upregulation of SARS-CoV-2 Receptor during Human Pluripotent Stem Cell-Derived Alveolar Organoid Development. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	10
285	The PDZ motif peptide of ZO-1 attenuates Pseudomonas aeruginosa LPS-induced airway inflammation. <i>Scientific Reports</i> , <b>2020</b> , 10, 19644	4.9	2
284	E2F1 Promotes Progression of Bladder Cancer by Modulating RAD54L Involved in Homologous Recombination Repair. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
283	Anti-Inflammatory Effects of Sulfated Polysaccharide from in Macrophages via Blocking TLR/NF- $\kappa$ B Signal Transduction. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	12
282	Anthocyanins Derived from Contributes Anti-Cancer Effects by Suppressing NF- $\kappa$ B Pathways in Hep3B Human Hepatocellular Carcinoma Cells and In Vivo. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5

281	The Potential of Sulfated Polysaccharides Isolated from the Brown Seaweed in Cosmetics: Antioxidant, Anti-melanogenesis, and Photoprotective Activities. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	12
280	In Vitro and In Vivo Antitumor Efficacy of Celluclast Extract against Bladder Cancer. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	2
279	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> , <b>2020</b> , 21,	6.3	7
278	Ethanollic Extract of Hippocampus abdominalis Exerts Anti-Melanogenic Effects in B16F10 Melanoma Cells and Zebrafish Larvae by Activating the ERK Signaling Pathway. <i>Cosmetics</i> , <b>2020</b> , 7, 1	2.7	5
277	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> , <b>2020</b> , 691, 108512	4.1	6
276	Inhibitory effect of oolonghomobisflavan B on osteoclastogenesis by suppressing p38 MAPK activation. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127429	2.9	3
275	Down-regulation of diesel particulate matter-induced airway inflammation by the PDZ motif peptide of ZO-1. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 12211-12218	5.6	1
274	Standardized Fraction of Alleviates Dextran Sulfate Sodium-Induced Chronic Colitis in C57BL/6 Mice via Upregulation of FOXP3 Regulatory T Cells. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	3
273	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> , <b>2020</b> , 9,	7.1	8
272	Ishophloroglucin A Isolated from Suppresses Melanogenesis Induced by EMSH: In Vitro and In Vivo. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	4
271	Anti-Photoaging and Anti-Melanogenesis Effects of Fucoïdan Isolated from and Its Underlying Mechanisms. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	12
270	Exercise training reduces the risk of opportunistic infections after acute exercise and improves cytokine antigen recognition. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2020</b> , 472, 235-244	4.6	2
269	In vitro and in vivo anti-inflammatory activities of a fucose-rich fucoïdan isolated from <i>Saccharina japonica</i> . <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 156, 717-729	7.9	30
268	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> , <b>2019</b> , 8,	7.1	38
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266	Particulate Matter 2.5 Mediates Cutaneous Cellular Injury by Inducing Mitochondria-Associated Endoplasmic Reticulum Stress: Protective Effects of Ginsenoside Rb1. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	9
265	Glutathione Induced Immune-Stimulatory Activity by Promoting M1-Like Macrophages Polarization via Potential ROS Scavenging Capacity. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	19
264	Carnosine exerts antitumor activity against bladder cancers in vitro and in vivo via suppression of angiogenesis. <i>Journal of Nutritional Biochemistry</i> , <b>2019</b> , 74, 108230	6.3	6



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261	Protective Effect of Baicalein on Oxidative Stress-induced DNA Damage and Apoptosis in RT4-D6P2T Schwann Cells. <i>International Journal of Medical Sciences</i> , <b>2019</b> , 16, 8-16	3.7	13
260	Fermented Oyster Extract Prevents Ovariectomy-Induced Bone Loss and Suppresses Osteoclastogenesis. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	10
259	Thymoquinone-Induced Tristetraprolin Inhibits Tumor Growth and Metastasis through Destabilization of MUC4 mRNA. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	8
258	Protective effect of diphlorethohydroxycarmalol against oxidative stress-induced DNA damage and apoptosis in retinal pigment epithelial cells. <i>Cutaneous and Ocular Toxicology</i> , <b>2019</b> , 38, 298-308	1.8	10
257	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> , <b>2019</b> , 17,	6	37
256	Correlation of constitutive photomorphogenic 1 (COP1) and p27 tumor suppressor protein expression in ovarian cancer. <i>Genes and Genomics</i> , <b>2019</b> , 41, 879-884	2.1	4
255	Urinary Cell-Free DNA IQGAP3/BMP4 Ratio as a Prognostic Marker for Non-Muscle-Invasive Bladder Cancer. <i>Clinical Genitourinary Cancer</i> , <b>2019</b> , 17, e704-e711	3.3	9
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253	Camptothecin induces mitotic arrest through Mad2-Cdc20 complex by activating the JNK-mediated Sp1 pathway. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 127, 143-155	4.7	6
252	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> , <b>2019</b> , 20,	6.3	17
251	Anti-oxidant and anti-inflammatory activities of ultrasonic-assistant extracted polyphenol-rich compounds from <i>Sargassum muticum</i> . <i>Journal of Oceanology and Limnology</i> , <b>2019</b> , 37, 836-847	1.5	13
250	Antioxidant properties of a sulfated polysaccharide isolated from an enzymatic digest of <i>Sargassum thunbergii</i> . <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 132, 142-149	7.9	15
249	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> , <b>2019</b> , 16,	4.6	6
248	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> , <b>2019</b> , 127, 53-60	4.7	7
247	Genome based quantification of <i>Miamiensis avidus</i> in multiple organs of infected olive flounder ( <i>Paralichthys olivaceus</i> ) by real-time PCR. <i>Genes and Genomics</i> , <b>2019</b> , 41, 567-572	2.1	2
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243	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> , <b>2019</b> , 20,	6.3	26
242	Triacanthine exerts antitumor effects on bladder cancer in vitro and in vivo. <i>Phytomedicine</i> , <b>2019</b> , 64, 153069	6.5	5
241	Characterization and screening of anti-tumor activity of fucoidan from acid-processed hijiki ( <i>Hizikia fusiforme</i> ). <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 139, 170-180	7.9	14
240	Fermented Sea Tangle ( <i>Aresch</i> ) Suppresses RANKL-Induced Osteoclastogenesis by Scavenging ROS in RAW 264.7 Cells. <i>Foods</i> , <b>2019</b> , 8,	4.9	3
239	Protective effect of green tea catechin against urban fine dust particle-induced skin aging by regulation of NF- $\kappa$ B, AP-1, and MAPKs signaling pathways. <i>Environmental Pollution</i> , <b>2019</b> , 252, 1318-1324	9.3	41
238	In Vitro and In Vivo Antioxidant Activities of Polysaccharides Isolated from Celluclast-Assisted Extract of an Edible Brown Seaweed,. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	28
237	Flumequine-Mediated Upregulation of p38 MAPK and JNK Results in Melanogenesis in B16F10 Cells and Zebrafish Larvae. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	14
236	Protective effect of sulfated polysaccharides from a Celluclast-assisted extract of <i>Hizikia fusiforme</i> against ultraviolet B-induced photoaging in vitro in human keratinocytes and in vivo in zebrafish. <i>Marine Life Science and Technology</i> , <b>2019</b> , 1, 104-111	4.5	11
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227	2-O-digalloyl-1,3,4,6-tetra-O-galloyl- $\beta$ -D-glucose isolated from <i>Galla Rhois</i> suppresses osteoclast differentiation and function by inhibiting NF- $\kappa$ B signaling. <i>BMB Reports</i> , <b>2019</b> , 52, 409-414	5.5	4
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208	Protective Effect of Sulfated Polysaccharides from Celluclast-Assisted Extract of Against Ultraviolet B-Induced Skin Damage by Regulating NF- $\kappa$ B, AP-1, and MAPKs Signaling Pathways In Vitro in Human Dermal Fibroblasts. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	47
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206	Extract Attenuates Interleukin-1 $\beta$ Induced Oxidative Stress and Inflammatory Response in Chondrocytes by Suppressing the Activation of NF- $\kappa$ B, p38 MAPK, and PI3K/Akt. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	29
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154	Caffeic acid phenethyl ester enhances TRAIL-mediated apoptosis via CHOP-induced death receptor 5 upregulation in hepatocarcinoma Hep3B cells. <i>Molecular and Cellular Biochemistry</i> , <b>2016</b> , 418, 13-20	4.2	14
153	Anti-inflammatory effects of sodium alginate/gelatine porous scaffolds merged with fucoidan in murine microglial BV2 cells. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 93, 1620-1632	7.9	24
152	Effect of irradiation on cytokine secretion and nitric oxide production by inflammatory macrophages. <i>Genes and Genomics</i> , <b>2016</b> , 38, 717-722	2.1	
151	Antioxidant Activity of Marine Algal Polyphenolic Compounds: A Mechanistic Approach. <i>Journal of Medicinal Food</i> , <b>2016</b> , 19, 615-28	2.8	111
150	Methanol extract of <i>Codium fragile</i> inhibits tumor necrosis factor- $\beta$ -induced matrix metalloproteinase-9 and invasiveness of MDA-MB-231 cells by suppressing nuclear factor- $\kappa$ B activation. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2016</b> , 9, 535-41	2.1	12
149	Expression profiles of HERV-K Env protein in normal and cancerous tissues. <i>Genes and Genomics</i> , <b>2016</b> , 38, 91-107	2.1	7
148	Mori folium inhibits interleukin-1 $\beta$ -induced expression of matrix metalloproteinases and inflammatory mediators by suppressing the activation of NF- $\kappa$ B and p38 MAPK in SW1353 human chondrocytes. <i>International Journal of Molecular Medicine</i> , <b>2016</b> , 37, 452-60	4.4	26
147	Antihypertensive peptide purified from <i>Styela clava</i> flesh tissue stimulates glucose uptake through AMP-activated protein kinase (AMPK) activation in skeletal muscle cells. <i>European Food Research and Technology</i> , <b>2016</b> , 242, 163-170	3.4	5
146	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> , <b>2016</b> , 37, 798-806	4.4	30
145	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> , <b>2016</b> , 90, 36-44	4.7	66
144	Ethanol extract of <i>Kalopanax septemlobus</i> leaf inhibits HepG2 human hepatocellular carcinoma cell proliferation via inducing cell cycle arrest at G1 phase. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2016</b> , 9, 344-350	2.1	3
143	Ethanol Extract of <i>Ganoderma lucidum</i> Augments Cellular Anti-oxidant Defense through Activation of Nrf2/HO-1. <i>Journal of Pharmacopuncture</i> , <b>2016</b> , 19, 59-69	1.6	19
142	Increased Expression of Herpes Virus-Encoded hsv1-miR-H18 and hsv2-miR-H9-5p in Cancer-Containing Prostate Tissue Compared to That in Benign Prostate Hyperplasia Tissue. <i>International Neurourology Journal</i> , <b>2016</b> , 20, 122-30	2.6	10
141	Schisandrae fructus enhances myogenic differentiation and inhibits atrophy through protein synthesis in human myotubes. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 2407-15	7.3	11
140	Polyphenols from <i>Artemisia annua</i> L Inhibit Adhesion and EMT of Highly Metastatic Breast Cancer Cells MDA-MB-231. <i>Phytotherapy Research</i> , <b>2016</b> , 30, 1180-8	6.7	26
139	Galangin sensitizes TRAIL-induced apoptosis through down-regulation of anti-apoptotic proteins in renal carcinoma Caki cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 18642	4.9	16
138	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. <i>Oncology Reports</i> , <b>2016</b> , 36, 2421-9	3.5	20

137	Popular edible seaweed, <i>Gelidium amansii</i> prevents against diet-induced obesity. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 90, 181-7	4.7	46
136	Hydrangenol inhibits lipopolysaccharide-induced nitric oxide production in BV2 microglial cells by suppressing the NF- $\kappa$ B pathway and activating the Nrf2-mediated HO-1 pathway. <i>International Immunopharmacology</i> , <b>2016</b> , 35, 61-69	5.8	20
135	Influence of polymorphisms of UDP-glycosyltransferases (UGT) 2B family genes UGT2B15, UGT2B17 and UGT2B28 on the development of prostate cancer in Korean men. <i>Genes and Genomics</i> , <b>2016</b> , 38, 225-233	2.1	1
134	Morin downregulates nitric oxide and prostaglandin E2 production in LPS-stimulated BV2 microglial cells by suppressing NF- $\kappa$ B activity and activating HO-1 induction. <i>Environmental Toxicology and Pharmacology</i> , <b>2016</b> , 44, 62-8	5.8	18
133	Fulvic acid promotes extracellular anti-cancer mediators from RAW 264.7 cells, causing to cancer cell death in vitro. <i>International Immunopharmacology</i> , <b>2016</b> , 36, 241-248	5.8	13
132	Rapid preparation of functional polysaccharides from <i>Pyropia yezoensis</i> by microwave-assistant rapid enzyme digest system. <i>Carbohydrate Polymers</i> , <b>2016</b> , 153, 512-517	10.3	24
131	A marine algal polyphenol, dieckol, attenuates blood glucose levels by Akt pathway in alloxan induced hyperglycemia zebrafish model. <i>RSC Advances</i> , <b>2016</b> , 6, 78570-78575	3.7	33
130	Melittin has a chondroprotective effect by inhibiting MMP-1 and MMP-8 expressions via blocking NF- $\kappa$ B and AP-1 signaling pathway in chondrocytes. <i>International Immunopharmacology</i> , <b>2015</b> , 25, 400-5	5.8	21
129	Induction of reactive oxygen species-mediated apoptosis by purified <i>Schisandrae</i> semen essential oil in human leukemia U937 cells through activation of the caspase cascades and nuclear relocation of mitochondrial apoptogenic factors. <i>Nutrition Research</i> , <b>2015</b> , 35, 910-920	4	12
128	Camptothecin suppresses expression of matrix metalloproteinase-9 and vascular endothelial growth factor in DU145 cells through PI3K/Akt-mediated inhibition of NF- $\kappa$ B activity and Nrf2-dependent induction of HO-1 expression. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 39, 1189-98	5.8	21
127	Comparison of mRNA, Protein, and Urinary Nucleic Acid Levels of S100A8 and S100A9 between Prostate Cancer and BPH. <i>Annals of Surgical Oncology</i> , <b>2015</b> , 22, 2439-45	3.1	14
126	Gallic acid isolated from <i>Spirogyra</i> sp. improves cardiovascular disease through a vasorelaxant and antihypertensive effect. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 39, 764-72	5.8	72
125	The administration of <i>Fructus Schisandrae</i> attenuates dexamethasone-induced muscle atrophy in mice. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 36, 29-42	4.4	34
124	Protective effect of marine brown algal polyphenols against oxidative stressed zebrafish with high glucose. <i>RSC Advances</i> , <b>2015</b> , 5, 25738-25746	3.7	26
123	Antioxidant activity of polysaccharide purified from <i>Acanthopanax koreanum</i> Nakai stems in vitro and in vivo zebrafish model. <i>Carbohydrate Polymers</i> , <b>2015</b> , 127, 38-46	10.3	45
122	Antagonistic effects of acetylshikonin on LPS-induced NO and PGE2 production in BV2 microglial cells via inhibition of ROS/PI3K/Akt-mediated NF- $\kappa$ B signaling and activation of Nrf2-dependent HO-1. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2015</b> , 51, 975-86	2.6	8
121	Fish collagen/alginate/chitooligosaccharides integrated scaffold for skin tissue regeneration application. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 81, 504-13	7.9	80
120	New compound, 5-O-isoferuloyl-2-deoxy-D-riboflacton from <i>Clematis mandshurica</i> : Anti-inflammatory effects in lipopolysaccharide-stimulated BV2 microglial cells. <i>International Immunopharmacology</i> , <b>2015</b> , 24, 14-23	5.8	7

119	Schisandrae Fructus Inhibits IL-1 $\beta$ -Induced Matrix Metalloproteinases and Inflammatory Mediators Production in SW1353 Human Chondrocytes by Suppressing NF- $\kappa$ B and MAPK Activation. <i>Drug Development Research</i> , <b>2015</b> , 76, 474-83	5.1	24
118	Urinary Nucleic Acid TSPAN13-to-S100A9 Ratio as a Diagnostic Marker in Prostate Cancer. <i>Journal of Korean Medical Science</i> , <b>2015</b> , 30, 1784-92	4.7	7
117	Lower Levels of Human MOB3B Are Associated with Prostate Cancer Susceptibility and Aggressive Clinicopathological Characteristics. <i>Journal of Korean Medical Science</i> , <b>2015</b> , 30, 937-42	4.7	7
116	The Cytoprotective Effect of <i>Petalonia binghamiae</i> Methanol Extract against Oxidative Stress in C2C12 Myoblasts: Mediation by Upregulation of Heme Oxygenase-1 and Nuclear Factor-Erythroid 2 Related Factor 2. <i>Marine Drugs</i> , <b>2015</b> , 13, 2666-79	6	6
115	Capgermacrenes A and B, Bioactive Secondary Metabolites from a Bornean Soft Coral, <i>Capnella</i> sp. <i>Marine Drugs</i> , <b>2015</b> , 13, 3103-15	6	13
114	p21WAF1 Is Required for Interleukin-16-Induced Migration and Invasion of Vascular Smooth Muscle Cells via the p38MAPK/Sp-1/MMP-9 Pathway. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142153	3.7	17
113	Schisandrae Fructus Supplementation Ameliorates Sciatic Neurectomy-Induced Muscle Atrophy in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 872428	6.7	15
112	Caffeic acid phenethyl ester reduces the secretion of vascular endothelial growth factor through the inhibition of the ROS, PI3K and HIF-1 $\beta$ signaling pathways in human retinal pigment epithelial cells under hypoxic conditions. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 35, 1419-26	4.4	30
111	YCG063 inhibits <i>Pseudomonas aeruginosa</i> LPS-induced inflammation in human retinal pigment epithelial cells through the TLR2-mediated AKT/NF- $\kappa$ B pathway and ROS-independent pathways. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 36, 808-16	4.4	19
110	Polyphenol mixtures of <i>Euphorbia supina</i> the inhibit invasion and metastasis of highly metastatic breast cancer MDA-MB-231 cells. <i>Oncology Reports</i> , <b>2015</b> , 34, 3035-42	3.5	13
109	3,3'-Diindolylmethane inhibits VEGF expression through the HIF-1 $\beta$ and NF- $\kappa$ B pathways in human retinal pigment epithelial cells under chemical hypoxic conditions. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 36, 301-8	4.4	22
108	Cordycepin induces apoptosis through repressing hTERT expression and inducing extranuclear export of hTERT. <i>Journal of Bioscience and Bioengineering</i> , <b>2015</b> , 119, 351-7	3.3	12
107	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> , <b>2015</b> , 228, 69-78	5	23
106	Anthocyanins From the Fruit of <i>Vitis coignetiae</i> Pulliat Potentiate the Cisplatin Activity by Inhibiting PI3K/Akt Signaling Pathways in Human Gastric Cancer Cells. <i>Journal of Cancer Prevention</i> , <b>2015</b> , 20, 50-6	3	14
105	Anti-cancer Activity of <i>Osmanthus matsumuranus</i> Extract by Inducing G2/M Arrest and Apoptosis in Human Hepatocellular Carcinoma Hep G2 Cells. <i>Journal of Cancer Prevention</i> , <b>2015</b> , 20, 241-9	3	8
104	The Histone Deacetylase Inhibitor Trichostatin A Sensitizes Human Renal Carcinoma Cells to TRAIL-Induced Apoptosis through Down-Regulation of c-FLIPL. <i>Biomolecules and Therapeutics</i> , <b>2015</b> , 23, 31-8	4.2	11
103	Galangin (3,5,7-trihydroxyflavone) shields human keratinocytes from ultraviolet B-induced oxidative stress. <i>Biomolecules and Therapeutics</i> , <b>2015</b> , 23, 165-73	4.2	17
102	Shikonin Isolated from <i>Lithospermum erythrorhizon</i> Downregulates Proinflammatory Mediators in Lipopolysaccharide-Stimulated BV2 Microglial Cells by Suppressing Crosstalk between Reactive Oxygen Species and NF- $\kappa$ B. <i>Biomolecules and Therapeutics</i> , <b>2015</b> , 23, 110-8	4.2	7

101	Urinary MicroRNAs of Prostate Cancer: Virus-Encoded hsv1-miRH18 and hsv2-miR-H9-5p Could Be Valuable Diagnostic Markers. <i>International Neurourology Journal</i> , <b>2015</b> , 19, 74-84	2.6	34
100	Mangiferin inhibits tumor necrosis factor- $\beta$ -induced matrix metalloproteinase-9 expression and cellular invasion by suppressing nuclear factor- $\kappa$ B activity. <i>BMB Reports</i> , <b>2015</b> , 48, 559-64	5.5	38
99	Anti-inflammatory effects of $\beta$ -hydroxyisovalerylshikonin in BV2 microglia are mediated through suppression of the PI3K/Akt/NF- $\kappa$ B pathway and activation of the Nrf2/HO-1 pathway. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 65, 82-9	4.7	40
98	Anti-inflammatory mechanism of $\beta$ -viniferin regulates lipopolysaccharide-induced release of proinflammatory mediators in BV2 microglial cells. <i>Cellular Immunology</i> , <b>2014</b> , 290, 21-9	4.4	33
97	Assessment of anti-inflammatory effect of 5 $\beta$ -hydroxypalisadin B isolated from red seaweed <i>Laurencia snackeyi</i> in zebrafish embryo in vivo model. <i>Environmental Toxicology and Pharmacology</i> , <b>2014</b> , 37, 110-7	5.8	35
96	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> , <b>2014</b> , 38, 959-67	5.8	27
95	Tianeptine sodium salt suppresses TNF- $\alpha$ -induced expression of matrix metalloproteinase-9 in human carcinoma cells via suppression of the PI3K/Akt-mediated NF- $\kappa$ B pathway. <i>Environmental Toxicology and Pharmacology</i> , <b>2014</b> , 38, 502-9	5.8	3
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93	Heme oxygenase-1-mediated anti-inflammatory effect of a novel garlic compound in RAW264.7 murine macrophages. <i>Horticulture Environment and Biotechnology</i> , <b>2014</b> , 55, 148-157	2	0
92	Octaphlorethol A isolated from <i>Ishige foliacea</i> prevents and protects against high glucose-induced oxidative damage in vitro and in vivo. <i>Environmental Toxicology and Pharmacology</i> , <b>2014</b> , 38, 607-15	5.8	8
91	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> , <b>2014</b> , 37, 74-83	5.8	42
90	18 $\beta$ -glycyrrhetic acid suppresses TNF- $\alpha$ -induced matrix metalloproteinase-9 and vascular endothelial growth factor by suppressing the Akt-dependent NF- $\kappa$ B pathway. <i>Toxicology in Vitro</i> , <b>2014</b> , 28, 751-8	3.6	28
89	Protective effect of fucoidan against AAPH-induced oxidative stress in zebrafish model. <i>Carbohydrate Polymers</i> , <b>2014</b> , 102, 185-91	10.3	79
88	Involvement of autophagy in cordycepin-induced apoptosis in human prostate carcinoma LNCaP cells. <i>Environmental Toxicology and Pharmacology</i> , <b>2014</b> , 38, 239-50	5.8	27
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81	Fucoidan inhibits the proliferation of human urinary bladder cancer T24 cells by blocking cell cycle progression and inducing apoptosis. <i>Molecules</i> , <b>2014</b> , 19, 5981-98	4.8	45
80	Induction of apoptosis by a hexane extract of aged black garlic in the human leukemic U937 cells. <i>Nutrition Research and Practice</i> , <b>2014</b> , 8, 132-7	2.1	16
79	Anti-inflammatory potential of newly synthesized 4-[(butylsulfinyl)methyl]-1,2-benzenediol in lipopolysaccharide-stimulated BV2 microglia. <i>Molecules</i> , <b>2014</b> , 19, 16609-23	4.8	4
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44	Neuroprotective effects of phlorotannins isolated from a brown alga, <i>Ecklonia cava</i> , against H <sub>2</sub> O <sub>2</sub> -induced oxidative stress in murine hippocampal HT22 cells. <i>Environmental Toxicology and Pharmacology</i> , <b>2012</b> , 34, 96-105	5.8	55
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41	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> , <b>2012</b> , 13, 14158-71	6.3	31
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38	Cell-free microRNAs in urine as diagnostic and prognostic biomarkers of bladder cancer. <i>International Journal of Oncology</i> , <b>2012</b> , 41, 1871-8	4.4	111
37	7,8-dihydroxyflavone induces G1 arrest of the cell cycle in U937 human monocytic leukemia cells via induction of the Cdk inhibitor p27 and downregulation of pRB phosphorylation. <i>Oncology Reports</i> , <b>2012</b> , 28, 353-7	3.5	6
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35	Phloroglucinol (PG) purified from <i>Ecklonia cava</i> attenuates radiation-induced apoptosis in blood lymphocytes and splenocytes. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 2236-42	4.7	22
34	A four-gene signature predicts disease progression in muscle invasive bladder cancer. <i>Molecular Medicine</i> , <b>2011</b> , 17, 478-85	6.2	50
33	Pectenotoxin-2 from marine sponges: a potential anti-cancer agent-a review. <i>Marine Drugs</i> , <b>2011</b> , 9, 2176-87	6	22
32	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> , <b>2011</b> , 76, T105-11	3.4	31
31	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> , <b>2011</b> , 85, 80-85	10.3	120
30	GSTT1 as a Prognosticator for Recurrence and Progression in Patients with Non-Muscle-Invasive Bladder Cancer. <i>Disease Markers</i> , <b>2010</b> , 29, 81-87	3.2	10

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28	Astaxanthin improves stem cell potency via an increase in the proliferation of neural progenitor cells. <i>International Journal of Molecular Sciences</i> , <b>2010</b> , 11, 5109-19	6.3	26
27	Characterization of a profile of the anthocyanins isolated from <i>Vitis coignetiae</i> Pulliat and their anti-invasive activity on HT-29 human colon cancer cells. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 903-9	4.7	56
26	Protective effect of diphlorethohydroxycarmalol isolated from <i>Ishige okamurae</i> against high glucose-induced-oxidative stress in human umbilical vein endothelial cells. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 1448-54	4.7	43
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