

# Sun Chul Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3152088/publications.pdf>

Version: 2024-02-01

141  
papers

4,571  
citations

101384

36  
h-index

143772

57  
g-index

143  
all docs

143  
docs citations

143  
times ranked

6215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Salmonella in foods by using essential oils: A review. Food Research International, 2012, 45, 722-734.	2.9	308
2	MTT assay to evaluate the cytotoxic potential of a drug. Bangladesh Journal of Pharmacology, 2017, 12, .	0.1	223
3	Trachyspermum ammi (L.) fruit essential oil influencing on membrane permeability and surface characteristics in inhibiting food-borne pathogens. Food Control, 2011, 22, 725-731.	2.8	154
4	Free radical scavenging activity from different extracts of leaves of Bauhinia vahlii Wight & Arn.. Saudi Journal of Biological Sciences, 2013, 20, 319-325.	1.8	122
5	Wilt disease management and enhancement of growth and yield of Cajanus cajan (L) var. Manak by bacterial combinations amended with chemical fertilizer. Crop Protection, 2010, 29, 591-598.	1.0	109
6	In vitro control of food-borne and food spoilage bacteria by essential oil and ethanol extracts of Lonicera japonica Thunb.. Food Chemistry, 2009, 116, 670-675.	4.2	107
7	In vitro and in vivo antitumor potential of carvacrol nanoemulsion against human lung adenocarcinoma A549 cells via mitochondrial mediated apoptosis. Scientific Reports, 2018, 8, 144.	1.6	102
8	Thymol disrupts the membrane integrity of Salmonella ser. typhimurium in vitro and recovers infected macrophages from oxidative stress in an ex vivo model. Research in Microbiology, 2014, 165, 559-565.	1.0	89
9	Hair growth promoting effect of Zizyphus jujuba essential oil. Food and Chemical Toxicology, 2010, 48, 1350-1354.	1.8	79
10	Chemical composition and inhibitory parameters of essential oil and extracts of Nandina domestica Thunb. to control food-borne pathogenic and spoilage bacteria. International Journal of Food Microbiology, 2008, 125, 117-122.	2.1	73
11	Potential roles of essential oil and organic extracts of Zizyphus jujuba in inhibiting food-borne pathogens. Food Chemistry, 2010, 119, 981-986.	4.2	69
12	Antioxidant, lipid peroxidation inhibition and free radical scavenging efficacy of a diterpenoid compound sugiol isolated from Metasequoia glyptostroboides. Asian Pacific Journal of Tropical Medicine, 2014, 7, 9-15.	0.4	69
13	Diverse mechanisms adopted by fluorescent Pseudomonas PGC2 during the inhibition of Rhizoctonia solani and Phytophthora capsici. World Journal of Microbiology and Biotechnology, 2008, 24, 581-585.	1.7	66
14	Antioxidant and antilisterial effect of seed essential oil and organic extracts from Zizyphus jujuba. Food and Chemical Toxicology, 2009, 47, 2374-2380.	1.8	64
15	Antioxidant activity of various solvent extracts from Allomyrina dichotoma (Arthropoda: Insecta) larvae. Journal of Photochemistry and Photobiology B: Biology, 2010, 99, 67-73.	1.7	61
16	Vitexin induces apoptosis by suppressing autophagy in multi-drug resistant colorectal cancer cells. Oncotarget, 2018, 9, 3278-3291.	0.8	61
17	Probiotic potential of nutritionally improved Lactobacillus plantarum DGK-17 isolated from Kimchi – A traditional Korean fermented food. Food Control, 2016, 60, 88-94.	2.8	57
18	Chemical composition, mechanism of antibacterial action and antioxidant activity of leaf essential oil of Forsythia koreana deciduous shrub. Asian Pacific Journal of Tropical Medicine, 2015, 8, 694-700.	0.4	55

#	ARTICLE	IF	CITATIONS
19	Morin hydrate ameliorates cisplatin-induced ER stress, inflammation and autophagy in HEK-293 cells and mice kidney via PARP-1 regulation. <i>International Immunopharmacology</i> , 2018, 56, 156-167.	1.7	55
20	Astemizoleâ€“Histamine induces Beclin-1-independent autophagy by targeting p53-dependent crosstalk between autophagy and apoptosis. <i>Cancer Letters</i> , 2016, 372, 89-100.	3.2	53
21	Endoplasmic reticulum stress-mediated autophagy activation attenuates fumonisin B1 induced hepatotoxicity in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2017, 110, 371-382.	1.8	53
22	Biological control of <i>Macrophomina phaseolina</i> by chemotactic fluorescent <i>Pseudomonas aeruginosa</i> PN1 and its plant growth promotory activity in chir-pine. <i>Crop Protection</i> , 2010, 29, 1142-1147.	1.0	52
23	Antifungal potential of essential oil and various organic extracts of <i>Nandina domestica</i> Thunb. against skin infectious fungal pathogens. <i>Applied Microbiology and Biotechnology</i> , 2009, 83, 1127-1133.	1.7	50
24	Anti-inflammatory effects of essential oil isolated from the buds of <i>Cleistocalyx operculatus</i> (Roxb.) Merr and Perry. <i>Food and Chemical Toxicology</i> , 2009, 47, 449-453.	1.8	49
25	Synergistic effect of nisin and cone essential oil of <i>Metasequoia glyptostroboides</i> Miki ex Hu against <i>Listeria monocytogenes</i> in milk samples. <i>Food and Chemical Toxicology</i> , 2011, 49, 109-114.	1.8	49
26	Antioxidant and antidermatophytic activities of essential oil and extracts of <i>Metasequoia glyptostroboides</i> Miki ex Hu. <i>Food and Chemical Toxicology</i> , 2009, 47, 1355-1361.	1.8	48
27	Natural polyamine inhibits mouse skin inflammation and macrophage activation. <i>Inflammation Research</i> , 2013, 62, 681-688.	1.6	48
28	The effect of biogenic manufactured silver nanoparticles on human endothelial cells and zebrafish model. <i>Science of the Total Environment</i> , 2019, 679, 365-377.	3.9	44
29	Glutathione-S-transferase omega 1 (GSTO1-1) acts as mediator of signaling pathways involved in aflatoxin B1-induced apoptosisâ€“autophagy crosstalk in macrophages. <i>Free Radical Biology and Medicine</i> , 2015, 89, 1218-1230.	1.3	42
30	Multifarious activity of bioformulated <i>Pseudomonas fluorescens</i> PS1 and biocontrol of <i>Sclerotinia sclerotiorum</i> in Indian rapeseed ( <i>Brassica campestris</i> L.). <i>European Journal of Plant Pathology</i> , 2011, 131, 81-93.	0.8	41
31	Trans-anethole ameliorates obesity via induction of browning in white adipocytes and activation of brown adipocytes. <i>Biochimie</i> , 2018, 151, 1-13.	1.3	41
32	Aflatoxin B1 induces reactive oxygen species-dependent caspase-mediated apoptosis in normal human cells, inhibits <i>Allium cepa</i> root cell division, and triggers inflammatory response in zebrafish larvae. <i>Science of the Total Environment</i> , 2020, 737, 139704.	3.9	41
33	Inhibitory parameters of the essential oil and various extracts of <i>Metasequoia glyptostroboides</i> Miki ex Hu to reduce food spoilage and food-borne pathogens. <i>Food Chemistry</i> , 2007, 105, 1061-1066.	4.2	40
34	Novel quercetin derivative TEF induces ER stress and mitochondria-mediated apoptosis in human colon cancer HCT-116 cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 789-799.	2.5	38
35	Synergistic effect of nisin and garlic shoot juice against <i>Listeria monocytogenes</i> in milk. <i>Food Chemistry</i> , 2008, 110, 375-382.	4.2	37
36	Apoptotic properties of polysaccharide isolated from fruiting bodies of medicinal mushroom <i>Fomes fomentarius</i> in human lung carcinoma cell line. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 484-490.	1.8	37

#	ARTICLE	IF	CITATIONS
37	Anti-inflammatory Potential of Quercetin-3-O- $\alpha$ -D-glucopyranoside and Quercetin Isolated from <i>Diospyros kaki</i> calyx via Suppression of MAP Signaling Molecules in LPS-induced RAW 264.7 Macrophages. <i>Journal of Food Science</i> , 2016, 81, C2447-C2456.	1.5	37
38	Herbacetin Is a Novel Allosteric Inhibitor of Ornithine Decarboxylase with Antitumor Activity. <i>Cancer Research</i> , 2016, 76, 1146-1157.	0.4	37
39	Morin Hydrate Reverses Cisplatin Resistance by Impairing PARP1/HMGB1-Dependent Autophagy in Hepatocellular Carcinoma. <i>Cancers</i> , 2019, 11, 986.	1.7	37
40	Antifungal Activity of Leaf Essential Oil and Extracts of <i>Metasequoia glyptostroboides</i> Miki ex Hu. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2010, 87, 327-336.	0.8	36
41	Cathepsins: Potent regulators in carcinogenesis. , 2019, 198, 1-19.		36
42	Potential of macrophage activity by thymol through augmenting phagocytosis. <i>International Immunopharmacology</i> , 2014, 18, 340-346.	1.7	35
43	Chemical composition and inhibitory effect of essential oil and organic extracts of <i>Cestrum nocturnum</i> L. on foodborne pathogens. <i>International Journal of Food Science and Technology</i> , 2009, 44, 1176-1182.	1.3	34
44	5-Hydroxy-7-Methoxyflavone Triggers Mitochondrial-Associated Cell Death via Reactive Oxygen Species Signaling in Human Colon Carcinoma Cells. <i>PLoS ONE</i> , 2016, 11, e0154525.	1.1	34
45	Synergistic therapy with tangeretin and 5-fluorouracil accelerates the ROS/JNK mediated apoptotic pathway in human colorectal cancer cell. <i>Food and Chemical Toxicology</i> , 2020, 143, 111529.	1.8	34
46	Morin hydrate attenuates the acrylamide-induced imbalance in antioxidant enzymes in a murine model. <i>International Journal of Molecular Medicine</i> , 2015, 36, 992-1000.	1.8	33
47	Potential effect of compounds isolated from <i>Coffea arabica</i> against UV-B induced skin damage by protecting fibroblast cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 323-332.	1.7	33
48	Phorbol 12-Myristate 13-Acetate Induced Toxicity Study and the Role of Tangeretin in Abrogating HIF-1 $\alpha$ -NF- $\kappa$ B Crosstalk In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9261.	1.8	33
49	5-O-Demethylnobiletin Alleviates CCl <sub>4</sub> -Induced Acute Liver Injury by Equilibrating ROS-Mediated Apoptosis and Autophagy Induction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1083.	1.8	33
50	Antifungal Activity of Essential Oil and Extracts of <i>Piper chaba</i> Hunter Against Phytopathogenic Fungi. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2011, 88, 573-579.	0.8	32
51	Anti-bacterial susceptibility profiling of <i>Weissella confusa</i> DD_A7 against the multidrug-resistant ESBL-positive <i>E. coli</i> . <i>Microbial Pathogenesis</i> , 2019, 128, 119-130.	1.3	32
52	Morin hydrate augments phagocytosis mechanism and inhibits LPS induced autophagic signaling in murine macrophage. <i>International Immunopharmacology</i> , 2014, 22, 356-365.	1.7	31
53	Targeting of cathepsin C induces autophagic dysregulation that directs ER stress mediated cellular cytotoxicity in colorectal cancer cells. <i>Cellular Signalling</i> , 2018, 46, 92-102.	1.7	31
54	Vitexin inhibits acrylamide-induced neuroinflammation and improves behavioral changes in zebrafish larvae. <i>Neurotoxicology and Teratology</i> , 2019, 74, 106811.	1.2	30

#	ARTICLE	IF	CITATIONS
55	Cathepsin K inhibition-induced mitochondrial ROS enhances sensitivity of cancer cells to anti-cancer drugs through USP27x-mediated Bim protein stabilization. <i>Redox Biology</i> , 2020, 30, 101422.	3.9	29
56	Antioxidant activity of aqueous methanol extracts of <i>Protaetia brevitarsis</i> Lewis (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	28
57	Potential role of vitexin in alleviating heat stress-induced cytotoxicity: Regulatory effect of Hsp90 on ER stress-mediated autophagy. <i>Life Sciences</i> , 2015, 142, 36-48.	2.0	28
58	Isolation and characterization of a bacteriophage F20 virulent to <i>Enterobacter aerogenes</i> . <i>Journal of General Virology</i> , 2012, 93, 2310-2314.	1.3	27
59	Apoptotic Activity of <i>Lactobacillus plantarum</i> DGK17 Fermented Soybean Seed Extract in Human Colon Cancer Cells via ROS-JNK Signaling Pathway. <i>Journal of Food Science</i> , 2017, 82, 1475-1483.	1.5	27
60	Decursinol angelate ameliorates 12-O-tetradecanoyl phorbol-13-acetate (TPA) -induced NF- $\kappa$ B activation on mice ears by inhibiting exaggerated inflammatory cell infiltration, oxidative stress and pro-inflammatory cytokine production. <i>Food and Chemical Toxicology</i> , 2019, 132, 110699.	1.8	27
61	The inflammation response and risk associated with aflatoxin B1 contamination was minimized by insect peptide CopA3 treatment and act towards the beneficial health outcomes. <i>Environmental Pollution</i> , 2021, 268, 115713.	3.7	27
62	Antioxidant and antidermatophytic activities of essential oil and extracts of <i>Magnolia liliflora</i> Desr.. <i>Food and Chemical Toxicology</i> , 2009, 47, 2606-2612.	1.8	26
63	Anti-listerial properties of garlic shoot juice at growth and morphology of <i>Listeria monocytogenes</i> . <i>Food Control</i> , 2007, 18, 1198-1203.	2.8	25
64	Control of Plant Pathogenic Bacteria of <i>Xanthomonas</i> spp. by the Essential Oil and Extracts of <i>Metasequoia glyptostroboides</i> Miki ex Hu <i>In vitro</i> and <i>In vivo</i> . <i>Journal of Phytopathology</i> , 2010, 158, 479-486.	0.5	25
65	The role of bioactive substances in controlling foodborne pathogens derived from <i>Metasequoia glyptostroboides</i> Miki ex Hu. <i>Food and Chemical Toxicology</i> , 2010, 48, 1945-1949.	1.8	24
66	3,5,7,3,4-Pentamethoxyflavone, a quercetin derivative protects DNA from oxidative challenges: Potential mechanism of action. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 131, 96-103.	1.7	24
67	Carvacrol nanoemulsion evokes cell cycle arrest, apoptosis induction and autophagy inhibition in doxorubicin resistant-A549 cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 664-675.	1.9	24
68	Fumonisin B1 actuates oxidative stress-associated colonic damage via apoptosis and autophagy activation in murine model. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22161.	1.4	24
69	Carvacrol encapsulated nanocarrier/ nanoemulsion abrogates angiogenesis by downregulating COX-2, VEGF and CD31 <i>in vitro</i> and <i>in vivo</i> in a lung adenocarcinoma model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 612-622.	2.5	24
70	Antibacterial abietane-type diterpenoid, taxodone from <i>Metasequoia glyptostroboides</i> Miki ex Hu. <i>Journal of Biosciences</i> , 2010, 35, 533-538.	0.5	23
71	Therapeutic potential and mechanism of thymol action against ethanol-induced gastric mucosal injury in rat model. <i>Alcohol</i> , 2015, 49, 739-745.	0.8	23
72	Thymol attenuates the worsening of atopic dermatitis induced by <i>Staphylococcus aureus</i> membrane vesicles. <i>International Immunopharmacology</i> , 2018, 59, 301-309.	1.7	23

#	ARTICLE	IF	CITATIONS
73	Garcinol pacifies acrylamide induced cognitive impairments, neuroinflammation and neuronal apoptosis by modulating GSK signaling and activation of pCREB by regulating cathepsin B in the brain of zebrafish larvae. <i>Food and Chemical Toxicology</i> , 2020, 138, 111246.	1.8	23
74	Antibacterial Activity of Essential Oil and Extracts of <i>Cleistocalyx operculatus</i> Buds Against the Bacteria of <i>Xanthomonas</i> spp.. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2010, 87, 1341-1349.	0.8	22
75	ISOLATION AND CHARACTERIZATION OF BIOLOGICALLY ACTIVE SECONDARY METABOLITES FROM <i>METASEQUOIA GLYPTOSTROBOIDES</i> MIKI EX HU. <i>Journal of Food Safety</i> , 2011, 31, 276-283.	1.1	22
76	Vitexin confers HSF-1 mediated autophagic cell death by activating JNK and ApoL1 in colorectal carcinoma cells. <i>Oncotarget</i> , 2017, 8, 112426-112441.	0.8	22
77	Characterization of <i>Weissella confusa</i> DD_A7 isolated from kimchi. <i>LWT - Food Science and Technology</i> , 2019, 111, 663-672.	2.5	22
78	Title is missing!. <i>Biotechnology Letters</i> , 1999, 21, 777-783.	1.1	21
79	Antibacterial and antioxidant activities of the essential oil and methanol extracts of <i>Bidens frondosa</i> Linn. <i>International Journal of Food Science and Technology</i> , 2011, 46, 1238-1244.	1.3	21
80	Quercetin-3-O- $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 6)- $\beta$ -D-glucopyranoside suppresses melanin synthesis by augmenting p38 MAPK and CREB signaling pathways and subsequent cAMP down-regulation in murine melanoma cells. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 706-713.	1.8	21
81	Chemical composition and <i>in vitro</i> control of agricultural plant pathogens by the essential oil and various extracts of <i>Nandina domestica</i> Thunb.. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 109-116.	1.7	20
82	$\beta$ -Glucosidase inhibitory activities of 10-hydroxy-8(E)-octadecenoic acid: an intermediate of bioconversion of oleic acid to 7,10-dihydroxy-8(E)-octadecenoic acid. <i>New Biotechnology</i> , 2010, 27, 419-423.	2.4	20
83	<i>In vitro</i> determination of the contraceptive spermicidal activity of essential oil of <i>Trachyspermum ammi</i> (L.) Sprague ex Turrill fruits. <i>New Biotechnology</i> , 2011, 28, 684-690.	2.4	20
84	Evaluation of <i>in vitro</i> free radical scavenging potential of <i>Streptomyces</i> sp. AM-S1 culture filtrate. <i>Saudi Journal of Biological Sciences</i> , 2013, 20, 227-233.	1.8	20
85	Carvacrol inhibits cytochrome P450 and protects against binge alcohol-induced liver toxicity. <i>Food and Chemical Toxicology</i> , 2019, 131, 110582.	1.8	20
86	Bioconverted products of essential fatty acids as potential antimicrobial agents. <i>New Biotechnology</i> , 2009, 26, 122-130.	2.4	19
87	ANTIBACTERIAL AND ANTIOXIDANT PROPERTIES OF <i>AILANTHUS ALTISSIMA</i> SWINGLE LEAVE EXTRACT TO REDUCE FOODBORNE PATHOGENS AND SPOILING BACTERIA. <i>Journal of Food Safety</i> , 2009, 29, 499-510.	1.1	18
88	$\beta$ -Glucosidase and tyrosinase inhibitory effects of an abietane type diterpenoid taxoquinone from <i>Metasequoia glyptostroboides</i> . <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 84.	3.7	18
89	Continuous production of fructooligosaccharides from sucrose by immobilized fructosyltransferase. <i>Biotechnology Letters</i> , 1995, 9, 805-808.	0.5	17
90	Control of phytopathogenic fungi by the essential oil and methanolic extracts of <i>Erigeron ramosus</i> (Walt.) B.S.P.. <i>European Journal of Plant Pathology</i> , 2010, 128, 211-219.	0.8	17

#	ARTICLE	IF	CITATIONS
91	Immunosuppressive potential of astemizole against LPS activated T cell proliferation and cytokine secretion in RAW macrophages, zebrafish larvae and mouse splenocytes by modulating MAPK signaling pathway. <i>International Immunopharmacology</i> , 2018, 65, 268-278.	1.7	17
92	Anti-listerial synergism of leaf essential oil of <i>Metasequoia glyptostroboides</i> with nisin in whole, low and skim milks. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, 602-608.	0.4	16
93	Inhibitory effects of thymol on the cytotoxicity and inflammatory responses induced by <i>Staphylococcus aureus</i> extracellular vesicles in cultured keratinocytes. <i>Microbial Pathogenesis</i> , 2019, 134, 103603.	1.3	16
94	In vitro and in vivo studies on potentiation of curcumin-induced lysosomal-dependent apoptosis upon silencing of cathepsin C in colorectal cancer cells. <i>Pharmacological Research</i> , 2020, 161, 105156.	3.1	16
95	<i>Weissella confusa</i> DD_A7 pre-treatment to zebrafish larvae ameliorates the inflammation response against <i>Escherichia coli</i> O157:H7. <i>Microbiological Research</i> , 2020, 237, 126489.	2.5	16
96	Ghost probiotics with a combined regimen: a novel therapeutic approach against the Zika virus, an emerging world threat. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 438-454.	5.1	15
97	Thymol exposure mediates pro-oxidant shift by regulating Nrf2 and apoptotic events in zebrafish ( <i>Danio rerio</i> ) embryos. <i>Environmental Toxicology and Pharmacology</i> , 2019, 65, 1-8.	2.0	15
98	Inhibitory insights of strawberry ( <i>Fragaria</i> — <i>Ananassa</i> var. Seolhyang) root extract on tyrosinase activity using computational and in vitro analysis. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2773-2788.	3.6	15
99	Antimicrobial potential of the food-grade additive carvacrol against uropathogenic <i>E. coli</i> based on membrane depolarization, reactive oxygen species generation, and molecular docking analysis. <i>Microbial Pathogenesis</i> , 2020, 142, 104046.	1.3	15
100	Analysis and the potential applications of essential oil and leaf extracts of <i>Silene armeria</i> L. to control food spoilage and food-borne pathogens. <i>European Food Research and Technology</i> , 2008, 227, 1613-1620.	1.6	14
101	Decursinol Angelate Arrest Melanoma Cell Proliferation by Initiating Cell Death and Tumor Shrinkage via Induction of Apoptosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4096.	1.8	14
102	CopA3 peptide induces permanent cell-cycle arrest in colorectal cancer cells. <i>Mechanisms of Ageing and Development</i> , 2021, 196, 111497.	2.2	14
103	Fumonisin B1 induces poly (ADP-ribose) (PAR) polymer-mediated cell death (parthanatos) in neuroblastoma. <i>Food and Chemical Toxicology</i> , 2021, 154, 112326.	1.8	14
104	CJK-7, a Novel Flavonoid from <i>Paulownia tomentosa</i> Triggers Cell Death Cascades in HCT-116 Human Colon Carcinoma Cells via Redox Signaling. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 428-437.	0.9	14
105	Antifungal potential of essential oil and ethanol extracts of <i>Lonicera japonica</i> Thunb. against dermatophytes. <i>EXCLI Journal</i> , 2014, 13, 427-36.	0.5	14
106	Microbial transformation of fructose to mannitol by <i>Lactobacillus</i> sp. KY-107. <i>Biotechnology Letters</i> , 1996, 18, 35-40.	1.1	13
107	The Potential of Receptor for Advanced Glycation End Products (RAGE) as a Therapeutic Target for Lung Associated Diseases. <i>Current Drug Targets</i> , 2019, 20, 679-689.	1.0	13
108	Oridonin enhances TRAIL-induced apoptosis through GALNT14-mediated DR5 glycosylation. <i>Biochimie</i> , 2019, 165, 108-114.	1.3	12

#	ARTICLE	IF	CITATIONS
109	Î±-Ecdysone suppresses inflammatory responses via the Nrf2 pathway in lipopolysaccharide-stimulated RAW 264.7 cells. <i>International Immunopharmacology</i> , 2019, 73, 405-413.	1.7	12
110	Efficacy of Polymethoxylated Flavonoids from Citrus depressa Extract on Alcohol-induced Liver Injury in Mice. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 907-914.	1.4	12
111	Morin Hydrate Sensitizes Hepatoma Cells and Xenograft Tumor towards Cisplatin by Downregulating PARP-1-HMGB1 Mediated Autophagy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8253.	1.8	12
112	Thymol Elicits HCT-116 Colorectal Carcinoma Cell Death Through Induction of Oxidative Stress. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 17, 1942-1950.	0.9	12
113	<i>In vitro</i> inhibition of foodborne pathogens by volatile oil and organic extracts of Poncirus trifoliata Rafin. seeds. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 876-881.	1.7	11
114	ANTILISTERIAL POTENTIAL OF IMPERATORIN AND LIMONIN FROM PONCIRUS TRIFOLIATA RAFIN. <i>Journal of Food Biochemistry</i> , 2012, 36, 217-223.	1.2	10
115	Morin hydrate attenuates adenine-induced renal fibrosis via targeting cathepsin D signaling. <i>International Immunopharmacology</i> , 2021, 90, 107234.	1.7	10
116	INHIBITION OF FOODBORNE PATHOGENS AND SPOILING BACTERIA BY ESSENTIAL OIL AND EXTRACTS OF ERIGERON RAMOSUS (WALT.) B.S.P.. <i>Journal of Food Safety</i> , 2009, 29, 176-189.	1.1	9
117	Chemical Composition and Antioxidant Activity of Essential Oil and Organic Extracts of Cestrum nocturnum L.. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2010, 13, 615-624.	0.7	9
118	POTENTIAL ROLE OF LEAF ESSENTIAL OIL AND EXTRACTS OF METASEQUOIA GLYPTOSTROBOIDES MIKI EX HU TO INHIBIT THE GROWTH OF LISTERIA MONOCYTOGENES SPP.. <i>Journal of Food Biochemistry</i> , 2011, 35, 289-302.	1.2	8
119	<i>In vitro</i> antioxidant activity of the water and ethanol extracts of Forsythia koreana flowers. <i>Natural Product Research</i> , 2012, 26, 375-379.	1.0	8
120	3,5-dihydroxy-3,4,7-trimethoxyflavone induces ER-stress-associated HCT-116 programmed cell death via redox signaling. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 151-161.	2.5	7
121	Ajowan Oil Potentiates Ros-mediated Teratogenic Effect in Zebrafish Embryos. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 883-896.	0.7	7
122	Tyrosinase and Î±-Glucosidase Inhibitory Effects of an Abietane Type Diterpenoid Taxodone from Metasequoia glyptostroboides. <i>The National Academy of Sciences, India</i> , 2015, 38, 399-402.	0.8	6
123	In vitro control of plant pathogenic Xanthomonas spp. using Poncirus trifoliata Rafin. <i>EXCLI Journal</i> , 2014, 13, 1104-10.	0.5	6
124	Silencing ESRP1 expression promotes caspase-independent cell death via nuclear translocation of AIF in colon cancer cells. <i>Cellular Signalling</i> , 2022, 91, 110237.	1.7	6
125	The Anti-inflammatory and Immune-Boosting Potential of Quercetin-3-O-Î²-D-glucopyranosyl-(1â€‘â€‘6)-Î²-D-glucopyranoside in LPSâ€‘Stimulated RAW264.7 Macrophages. <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 233-239.		5
126	Ultraviolet Bâ€‘irradiated mushroom supplementation increased the Ca ++ uptake and ameliorated the LPSâ€‘induced inflammatory responses in zebrafish larvae. <i>Journal of Food Biochemistry</i> , 2021, 45, e13742.	1.2	5



#	ARTICLE	IF	CITATIONS
127	Breeding of zebrafish in the laboratory environment for research development. Bangladesh Journal of Pharmacology, 2017, 12, 434.	0.1	4
128	Antibacterial activity of <i>Weissella confusa</i> by disc diffusion method. Bangladesh Journal of Pharmacology, 2019, 14, 117-122.	0.1	4
129	Genotypic, phenotypic, and pathogenic characterization of the soil isolated <i>Acinetobacter courvalinii</i> . Microbial Pathogenesis, 2020, 149, 104287.	1.3	4
130	Bamboo leave extract ameliorated 12-O-tetradecanoylphorbol-13-acetate (TPA) induced ear inflammation by reducing MAP kinase levels and NF- $\kappa$ B activation in mice model. Natural Product Research, 2020, 35, 1-5.	1.0	4
131	Protective effect of polyamine extract of salt stressed and sprouted soybean seeds against ethanol-induced gastric ulcer in rats. Food Science and Biotechnology, 2014, 23, 711-716.	1.2	3
132	Comparative study on the chemical composition and biological activities of the essential oils of three <i>Lagochilus</i> species collected from Uzbekistan. Natural Product Research, 2019, 35, 1-5.	1.0	3
133	Celastrol-mediated autophagy regulation in cancer. Applied Biological Chemistry, 2020, 63, .	0.7	3
134	Antiviral potential of a diterpenoid compound sugiol from <i>Metasequoia glyptostroboides</i> . Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 1077-80.	0.2	3
135	N-Acetyldopamine dimers from <i>Oxya chinensis sinuosa</i> attenuates lipopolysaccharides induced inflammation and inhibits cathepsin C activity. Computational and Structural Biotechnology Journal, 2022, 20, 1177-1188.	1.9	3
136	Antilisterial Effect of Essential Oil and Extracts of <i>Poncirus trifoliata</i> Rafin. Seeds. Journal of Food Biochemistry, 2014, 38, 50-55.	1.2	2
137	Protective effect of heat-treated cucumber ( <i>Cucumis sativus</i> L.) juice on alcohol detoxification in experimental rats. Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 1005-9.	0.2	2
138	Microbial Conversion of Tomato by a Plant Pathogenic Bacterium <i>Pectobacterium atrosepticum</i> : A Plant-Microbial Approach to Control Pathogenic <i>Candida</i> Species. Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	1
139	Molecular dynamic simulation (MDS) and <i>in vitro</i> cathepsin-B inhibitory activity of decrusin angelate, ibuprofen, and thymol. Natural Product Research, 2020, , 1-6.	1.0	1
140	Quercetin enhances vitamin D2 stability and mitigate the degradation influenced by elevated temperature and pH value. Turkish Journal of Chemistry, 2021, 45, 1155-1161.	0.5	1
141	Quercetin Mitigates Oxidative Stress, Developmental Toxicity and Teratogenic Effects Induced by High-dose Vitamin D2 in Zebrafish Embryos. Turkish Journal of Fisheries and Aquatic Sciences, 2021, 22, .	0.4	0