Hae-Young Chung

List of Publications by Year
in descending order

281	12,352	34076	37183
papers	citations	52 h-index	96 g-index

284	284	284	16572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular inflammation: Underpinnings of aging and age-related diseases. Ageing Research Reviews, 2009, 8, 18-30.	5.0	1,004
2	Histone deacetylases induce angiogenesis by negative regulation of tumor suppressor genes. Nature Medicine, 2001, 7, 437-443.	15.2	714
3	The Molecular Inflammatory Process in Aging. Antioxidants and Redox Signaling, 2006, 8, 572-581.	2.5	386
4	Redefining Chronic Inflammation in Aging and Age-Related Diseases: Proposal of the Senoinflammation Concept. , 2019, 10, 367.		314
5	Molecular inflammation hypothesis of aging based on the anti-aging mechanism of calorie restriction. Microscopy Research and Technique, 2002, 59, 264-272.	1.2	271
6	Determination of hypoxic region by hypoxia marker in developing mouse embryos in vivo: A possible signal for vessel development. Developmental Dynamics, 2001, 220, 175-186.	0.8	264
7	The Inflammation Hypothesis of Aging. Annals of the New York Academy of Sciences, 2001, 928, 327-335.	1.8	253
8	The effect of age on cyclooxygenase-2 gene expression. Free Radical Biology and Medicine, 2000, 28, 683-692.	1.3	188
9	Inhibition of tyrosinase by green tea components. Life Sciences, 1999, 65, PL241-PL246.	2.0	183
10	Role of Apigenin in Cancer Prevention via the Induction of Apoptosis and Autophagy. Journal of Cancer Prevention, 2016, 21, 216-226.	0.8	178
11	Hypoxia-induced VEGF enhances tumor survivability via suppression of serum deprivation-induced apoptosis. Oncogene, 2000, 19, 4621-4631.	2.6	174
12	Impairment of PPARÎ± and the Fatty Acid Oxidation Pathway Aggravates Renal Fibrosis during Aging. Journal of the American Society of Nephrology: JASN, 2018, 29, 1223-1237.	3.0	165
13	Antioxidant flavonoids and chlorogenic acid from the leaves ofEriobotrya japonica. Archives of Pharmacal Research, 1999, 22, 213-218.	2.7	156
14	Modulation of redox-sensitive transcription factors by calorie restriction during aging. Mechanisms of Ageing and Development, 2002, 123, 1589-1595.	2.2	152
15	Xanthine dehydrogenase/xanthine oxidase and oxidative stress. Age, 1997, 20, 127-140.	3.0	138
16	Modulation of PPAR in Aging, Inflammation, and Calorie Restriction. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2004, 59, B997-B1006.	1.7	136
17	Î²-Hydroxybutyrate suppresses inflammasome formation by ameliorating endoplasmic reticulum stress via AMPK activation. Oncotarget, 2016, 7, 66444-66454.	0.8	134
18	Adaptive mechanisms to oxidative stress during aging. Mechanisms of Ageing and Development, 2006, 127, 436-443.	2.2	133

#	Article	IF	Citations
19	Anti-Wrinkle and Anti-Inflammatory Effects of Active Garlic Components and the Inhibition of MMPs via NF-ÎºB Signaling. PLoS ONE, 2013, 8, e73877.	1.1	123
20	Adaptive Cellular Stress Pathways as Therapeutic Targets of Dietary Phytochemicals: Focus on the Nervous System. Pharmacological Reviews, 2014, 66, 815-868.	7.1	122
21	Modulation of age-related NF-ÎºB activation by dietary zingerone via MAPK pathway. Experimental Gerontology, 2010, 45, 419-426.	1.2	118
22	Apigenin-induced apoptosis is enhanced by inhibition of autophagy formation in HCT116 human colon cancer cells. International Journal of Oncology, 2014, 44, 1599-1606.	1.4	116
23	Molecular mechanism of PPAR in the regulation of age-related inflammation. Ageing Research Reviews, 2008, 7, 126-136.	5.0	113
24	Hesperetin: A Potent Antioxidant Against Peroxynitrite. Free Radical Research, 2004, 38, 761-769.	1.5	107
25	Suppression of age-related inflammatory NF-ÎºB activation by cinnamaldehyde. Biogerontology, 2007, 8, 545-554.	2.0	107
26	Apoptotic activity of ursolic acid may correlate with the inhibition of initiation of DNA replication. International Journal of Cancer, 2000, 87, 629-636.	2.3	106
27	Stress Resistance by Caloric Restriction for Longevity. Annals of the New York Academy of Sciences, 2001, 928, 39-47.	1.8	106
28	In Vitro and in Vivo Studies on the Radical-Scavenging Activity of Tea. Journal of Agricultural and Food Chemistry, 1998, 46, 2143-2150.	2.4	102
29	Magnesium and ammonium-potassium lithospermates B, the active principles having a uremia-preventive effect from Salvia miltiorrhiza.. Chemical and Pharmaceutical Bulletin, 1989, 37, 340-344.	0.6	99
30	The activation of NF-ÎºB through Akt-induced FOXO1 phosphorylation during aging and its modulation by calorie restriction. Biogerontology, 2008, 9, 33-47.	2.0	99
31	Kaempferol modulates pro-inflammatory NF-ÎºB activation by suppressing advanced glycation endproducts-induced NADPH oxidase. Age, 2010, 32, 197-208.	3.0	99
32	Alteration of soluble adhesion molecules during aging and their modulation by calorie restriction. FASEB Journal, 2004, 18, 320-322.	0.2	98
33	Age-related inflammation and insulin resistance: a review of their intricate interdependency. Archives of Pharmacal Research, 2014, 37, 1507-1514.	2.7	97
34	Peroxynitrite scavenging activity of herb extracts. Phytotherapy Research, 2002, 16, 364-367.	2.8	95
35	Ursolic acid-induced down-regulation of MMP-9 gene is mediated through the nuclear translocation of glucocorticoid receptor in HT1080 human fibrosarcoma cells. Oncogene, 1998, 16, 771-778.	2.6	92
36	NF-ÎºB activation mechanism of 4-hydroxyhexenal via NIK/IKK and p38 MAPK pathway. FEBS Letters, 2004, 566, 183-189.	1.3	87

#	ARTICLE	IF	CITATIONS
37	Regional difference of ROS generation, lipid peroxidaton, and antioxidant enzyme activity in rat brain and their dietary modulation. Archives of Pharmacal Research, 1999, 22, 361-366.	2.7	84
38	Design and synthesis of 5-(substituted benzylidene)thiazolidine-2,4-dione derivatives as novel tyrosinase inhibitors. European Journal of Medicinal Chemistry, 2012, 49, 245-252.	2.6	84
39	Epigenetic modifications of gene expression by lifestyle and environment. Archives of Pharmacal Research, 2017, 40, 1219-1237.	2.7	82
40	Induction of differentiation in the cultured F9 teratocarcinoma stem cells by triterpene acids. Journal of Cancer Research and Clinical Oncology, 1994, 120, 513-518.	1.2	80
41	Molecular exploration of age-related NF-Î²B/IKK downregulation by calorie restriction in rat kidney. Free Radical Biology and Medicine, 2002, 32, 991-1005.	1.3	75
42	Protease-activated receptor 2 induces ROS-mediated inflammation through Akt-mediated NF-Î²B and FoxO6 modulation during skin photoaging. Redox Biology, 2021, 44, 102022.	3.9	73
43	Kinetics and molecular docking studies of fucosterol and fucoxanthin, BACE1 inhibitors from brown algae Undaria pinnatifida and Ecklonia stolonifera. Food and Chemical Toxicology, 2016, 89, 104-111.	1.8	68
44	Inhibitory activities of major anthraquinones and other constituents from Cassia obtusifolia against Î²-secretase and cholinesterases. Journal of Ethnopharmacology, 2016, 191, 152-160.	2.0	63
45	Sphingosine 1-phosphate induced anti-atherogenic and atheroprotective M2 macrophage polarization through IL-4. Cellular Signalling, 2014, 26, 2249-2258.	1.7	61
46	PPARÎ³ activation by baicalin suppresses NF-Î²B-mediated inflammation in aged rat kidney. Biogerontology, 2012, 13, 133-145.	2.0	60
47	The critical role played by endotoxin-induced liver autophagy in the maintenance of lipid metabolism during sepsis. Autophagy, 2017, 13, 1113-1129.	4.3	60
48	Promising antidiabetic potential of fucoxanthin isolated from the edible brown algae Eisenia bicyclis and Undaria pinnatifida. Fisheries Science, 2012, 78, 1321-1329.	0.7	59
49	Morin modulates the oxidative stress-induced NF-Î²B pathway through its anti-oxidant activity. Free Radical Research, 2010, 44, 454-461.	1.5	58
50	Flavonoids differentially modulate nitric oxide production pathways in lipopolysaccharide-activated RAW264.7 cells. Archives of Pharmacal Research, 2005, 28, 297-304.	2.7	56
51	The Effects of Calorie Restriction on Autophagy: Role on Aging Intervention. Nutrients, 2019, 11, 2923.	1.7	56
52	Peroxynitrite-Scavenging Activity of Green Tea Tannin. Journal of Agricultural and Food Chemistry, 1998, 46, 4484-4486.	2.4	55
53	Isolation of luteolin 7-O-rutinoside and esculetin with potential antioxidant activity from the aerial parts ofArtemisia montana. Archives of Pharmacal Research, 2000, 23, 237-239.	2.7	55
54	Short-term feeding of baicalin inhibits age-associated NF-Î²B activation. Mechanisms of Ageing and Development, 2006, 127, 719-725.	2.2	54

#	Article	IF	Citations
55	Design, synthesis and biological evaluation of 2-(substituted phenyl)thiazolidine-4-carboxylic acid derivatives as novel tyrosinase inhibitors. Biochimie, 2012, 94, 533-540.	1.3	52
56	The underlying mechanism of proinflammatory NF-ÎºB activation by the mTORC2/Akt/IKKÎ± pathway during skin aging. Oncotarget, 2016, 7, 52685-52694.	0.8	52
57	Endocannabinoids in the gastrointestinal tract. American Journal of Physiology - Renal Physiology, 2016, 311, G655-G666.	1.6	52
58	Synthesis of novel azo-resveratrol, azo-oxyresveratrol and their derivatives as potent tyrosinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7451-7455.	1.0	51
59	FoxO1 regulates allergic asthmatic inflammation through regulating polarization of the macrophage inflammatory phenotype. Oncotarget, 2016, 7, 17532-17546.	0.8	51
60	Molecular Study of Dietary Heptadecane for the Anti-Inflammatory Modulation of NF-kB in the Aged Kidney. PLoS ONE, 2013, 8, e59316.	1.1	51
61	Modulation of gene expression of SMP-30 by LPS and calorie restriction during aging process. Experimental Gerontology, 2004, 39, 1169-1177.	1.2	50
62	The effect of age and calorie restriction on HIF-1-responsive genes in aged liver. Biogerontology, 2005, 6, 27-37.	2.0	50
63	An Environmental Quinoid Polycyclic Aromatic Hydrocarbon, Acenaphthenequinone, Modulates Cyclooxygenase-2 Expression through Reactive Oxygen Species Generation and Nuclear Factor Kappa B Activation in A549 Cells. Toxicological Sciences, 2007, 95, 348-355.	1.4	50
64	Analogs of 5-(substituted benzylidene)hydantoin as inhibitors of tyrosinase and melanin formation. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 612-619.	1.1	50
65	Anti-inflammatory action of Î²-hydroxybutyrate via modulation of PGC-1Î± and FoxO1, mimicking calorie restriction. Aging, 2019, 11, 1283-1304.	1.4	50
66	Oxidative stress induces inactivation of protein phosphatase 2A, promoting proinflammatory NF-ÎºB in aged rat kidney. Free Radical Biology and Medicine, 2013, 61, 206-217.	1.3	49
67	Benzylidene-linked thiohydantoin derivatives as inhibitors of tyrosinase and melanogenesis: importance of the Î²-phenyl-Î±,Î²-unsaturated carbonyl functionality. MedChemComm, 2014, 5, 1410-1417.	3.5	49
68	Coumarins from Angelica decursiva inhibit Î±-glucosidase activity and protein tyrosine phosphatase 1B. Chemico-Biological Interactions, 2016, 252, 93-101.	1.7	49
69	Significance of protein tyrosine kinase/protein tyrosine phosphatase balance in the regulation of NF-ÎºB signaling in the inflammatory process and aging. Free Radical Biology and Medicine, 2009, 47, 983-991.	1.3	47
70	Molecular Insights into SIRT1 Protection Against UVB-Induced Skin Fibroblast Senescence by Suppression of Oxidative Stress and p53 Acetylation. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 959-968.	1.7	47
71	Anti-inflammatory effects of betaine on AOM/DSS-induced colon tumorigenesis in ICR male mice. International Journal of Oncology, 2014, 45, 1250-1256.	1.4	46
72	Caffeic acid regulates LPS-induced NF-ÎºB activation through NIK/IKK and c-Src/ERK signaling pathways in endothelial cells. Archives of Pharmacal Research, 2014, 37, 539-547.	2.7	45

#	Article	IF	Citations
73	Effect of betaine on hepatic insulin resistance through FOXO1-induced NLRP3 inflammasome. Journal of Nutritional Biochemistry, 2017, 45, 104-114.	1.9	45
74	Anti-Wrinkle Effect of Magnesium Lithospermate B from Salvia miltiorrhiza BUNGE: Inhibition of MMPs via NF-kB Signaling. PLoS ONE, 2014, 9, e102689.	1.1	45
75	Ginsenoside Rc modulates Akt/FoxO1 pathways and suppresses oxidative stress. Archives of Pharmacal Research, 2014, 37, 813-820.	2.7	44
76	Antioxidant effect ofSalvia miltiorrhiza. Archives of Pharmacal Research, 1997, 20, 496-500.	2.7	43
77	Lysophosphatidylcholine Enhances Oxidative Stress Via the 5-Lipoxygenase Pathway in Rat Aorta During Aging. Rejuvenation Research, 2009, 12, 15-24.	0.9	42
78	Anti-inflammatory action of dietary fish oil and calorie restriction. Life Sciences, 2006, 78, 2523-2532.	2.0	39
79	A key role for neuropeptide Y in lifespan extension and cancer suppression via dietary restriction. Scientific Reports, 2014, 4, 4517.	1.6	39
80	The combination of ursolic acid and leucine potentiates the differentiation of C2C12 murine myoblasts through the mTOR signaling pathway. International Journal of Molecular Medicine, 2015, 35, 755-762.	1.8	39
81	Ginsenoside Rg3 promotes inflammation resolution through M2 macrophage polarization. Journal of Ginseng Research, 2018, 42, 68-74.	3.0	39
82	Î²â€“Hydroxy Î²â€“Methylbutyrate Improves Dexamethasone-Induced Muscle Atrophy by Modulating the Muscle Degradation Pathway in SD Rat. PLoS ONE, 2014, 9, e102947.	1.1	38
83	The inflammatory process in aging. Reviews in Clinical Gerontology, 2000, 10, 207-222.	0.5	37
84	Folic acid promotes the myogenic differentiation of C2C12 murine myoblasts through the Akt signaling pathway. International Journal of Molecular Medicine, 2015, 36, 1073-1080.	1.8	37
85	Oligonol Ameliorates CCl₄-Induced Liver Injury in Rats via the NF-Kappa B and MAPK Signaling Pathways. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12.	1.9	37
86	MHY2233 Attenuates Replicative Cellular Senescence in Human Endothelial Progenitor Cells via SIRT1 Signaling. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-18.	1.9	37
87	FoxO6-mediated IL-1Î² induces hepatic insulin resistance and age-related inflammation via the TF/PAR2 pathway in aging and diabetic mice. Redox Biology, 2019, 24, 101184.	3.9	37
88	Mechanism of Ang II involvement in activation of NF-Î°B through phosphorylation of p65 during aging. Age, 2012, 34, 11-25.	3.0	36
89	Corosolic acid induces apoptotic cell death in HCT116 human colon cancer cells through a caspase-dependent pathway. International Journal of Molecular Medicine, 2014, 33, 943-949.	1.8	36
90	The roles of FoxOs in modulation of aging by calorie restriction. Biogerontology, 2015, 16, 1-14.	2.0	36

#	Article	IF	Citations
91	A Potent Tyrosinase Inhibitor, (E)-3-(2,4-Dihydroxyphenyl)-1-(thiophen-2-yl)prop-2-en-1-one, with Anti-Melanogenesis Properties in Î±-MSH and IBMX-Induced B16F10 Melanoma Cells. Molecules, 2018, 23, 2725.	1.7	36
92	Suppression of age-related renal changes in NF-ÎºB and its target gene expression by dietary ferulate. Journal of Nutritional Biochemistry, 2009, 20, 378-388.	1.9	34
93	Anti-Aging Effects of Calorie Restriction (CR) and CR Mimetics Based on the Senoinflammation Concept. Nutrients, 2020, 12, 422.	1.7	34
94	Design, synthesis, and evaluation of (E)-N-substituted benzylideneâ€“aniline derivatives as tyrosinase inhibitors. European Journal of Medicinal Chemistry, 2012, 57, 383-390.	2.6	33
95	Anti-melanogenic effect of (Z)-5-(2,4-dihydroxybenzylidene) thiazolidine-2,4-dione, a novel tyrosinase inhibitor. Archives of Pharmacal Research, 2013, 36, 1189-1197.	2.7	33
96	Ageâ€•related sensitivity to endotoxinâ€•induced liver inflammation: Implication of inflammasome/<scp>IL</scp>â€•1Î² for steatohepatitis. Aging Cell, 2015, 14, 524-533.	3.0	33
97	HS-1793, a resveratrol analogue, downregulates the expression of hypoxia-induced HIF-1 and VEGF and inhibits tumor growth of human breast cancer cells in a nude mouse xenograft model. International Journal of Oncology, 2017, 51, 715-723.	1.4	33
98	Peroxynitrite scavenging activity of lithospermate B from Salvia miltiorrhiza. Journal of Pharmacy and Pharmacology, 2010, 55, 1427-1432.	1.2	32
99	Synthesis and biological activity of hydroxy substituted phenyl-benzo[d]thiazole analogues for antityrosinase activity in B16 cells. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2445-2449.	1.0	32
100	Characterization of a small molecule inhibitor of melanogenesis that inhibits tyrosinase activity and scavenges nitric oxide (NO). Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4752-4761.	1.1	32
101	Betaine attenuates lysophosphatidylcholine-mediated adhesion molecules in aged rat aorta: Modulation of the nuclear factor-ÎºB pathway. Experimental Gerontology, 2013, 48, 517-524.	1.2	32
102	Cytotoxic effects of solvent-extracted active components of Salvia miltiorrhiza Bunge on human cancer cell lines. Experimental and Therapeutic Medicine, 2015, 9, 1421-1428.	0.8	32
103	Design of balanced COX inhibitors based on anti-inflammatory and/or COX-2 inhibitory ascidian metabolites. European Journal of Medicinal Chemistry, 2019, 180, 86-98.	2.6	32
104	Modulation of NF-ÎºB and FOXOs by baicalein attenuates the radiation-induced inflammatory process in mouse kidney. Free Radical Research, 2011, 45, 507-517.	1.5	31
105	In vitro and in silico insights into tyrosinase inhibitors with (E)-benzylidene-1-indanone derivatives. Computational and Structural Biotechnology Journal, 2019, 17, 1255-1264.	1.9	31
106	Synthesis and biological activity of hydroxybenzylidenyl pyrrolidine-2,5-dione derivatives as new potent inhibitors of tyrosinase. MedChemComm, 2011, 2, 542.	3.5	28
107	Catechin ameliorates Porphyromonas gingivalisâ€•induced inflammation via the regulation of TLR2/4 and inflammasome signaling. Journal of Periodontology, 2020, 91, 661-670.	1.7	28
108	Long-Term Trends in Urban Atmospheric Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons: China, Russia, and Korea from 1999 to 2014. International Journal of Environmental Research and Public Health, 2020, 17, 431.	1.2	28

#	Article	IF	Citations
109	Mechanism of attenuation of pro-inflammatory Ang II-induced NF-Î¹B activation by genistein in the kidneys of male rats during aging. Biogerontology, 2011, 12, 537-550.	2.0	27
110	Potent Anti-Diabetic Effects of MHY908, a Newly Synthesized PPAR Î±/Î³ Dual Agonist in db/db Mice. PLoS ONE, 2013, 8, e78815.	1.1	26
111	MHY884, a newly synthesized tyrosinase inhibitor, suppresses UVB-induced activation of NF-Î¹B signaling pathway through the downregulation of oxidative stress. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1344-1348.	1.0	26
112	Hepatoprotective effects of zingerone on carbon tetrachloride- and dimethylnitrosamine-induced liver injuries in rats. Archives of Pharmacal Research, 2016, 39, 279-291.	2.7	26
113	The Novel PPAR Î±/Î³ Dual Agonist MHY 966 Modulates UVBâ€“Induced Skin Inflammation by Inhibiting NF-Î¹B Activity. PLoS ONE, 2013, 8, e76820.	1.1	26
114	Activation of proinflammatory signaling by 4-hydroxynonenal-Src adducts in aged kidneys. Oncotarget, 2016, 7, 50864-50874.	0.8	26
115	Down-regulation of oxidative stress and COX-2 and iNOS expressions by dimethyl lithospermate in aged rat kidney. Archives of Pharmacal Research, 2014, 37, 1032-1038.	2.7	25
116	HS-1793, a resveratrol analogue, induces cell cycle arrest and apoptotic cell death in human breast cancer cells. International Journal of Oncology, 2014, 44, 473-480.	1.4	25
117	Anti-allergic effect of Î±-cubebenoate isolated from Schisandra chinensis using in vivo and in vitro experiments. Journal of Ethnopharmacology, 2015, 173, 361-369.	2.0	25
118	An Anti-Inflammatory PPAR-Î³ Agonist from the Jellyfish-Derived Fungus Penicillium chrysogenum J08NF-4. Journal of Natural Products, 2018, 81, 356-363.	1.5	25
119	Neuroprotective effects of MHY908, a PPAR Î±/Î³ dual agonist, in a MPTP-induced Parkinsonâ€™s disease model. Brain Research, 2019, 1704, 47-58.	1.1	25
120	PPAR-Î³ Agonistic Metabolites from the Ascidian Herdmania momus. Journal of Natural Products, 2012, 75, 2082-2087.	1.5	24
121	Growth inhibition of luteolin on HepG2 cells is induced via p53 and Fas/Fas-ligand besides the TGF-Î² pathway. International Journal of Oncology, 2015, 47, 747-754.	1.4	24
122	Peroxynitrite-Scavenging Glycosides from the Stem Bark of Catalpa ovata. Journal of Natural Products, 2017, 80, 2240-2251.	1.5	24
123	Î²-Hydroxybutyrate Suppresses Lipid Accumulation in Aged Liver through GPR109A-mediated Signaling. , 2020, 11, 777.		24
124	The inflammatory process in aging. Reviews in Clinical Gerontology, 2006, 16, 179.	0.5	23
125	Neuroprotective effects of 2,4-dinitrophenol in an acute model of Parkinsonâ€™s disease. Brain Research, 2017, 1663, 184-193.	1.1	23
126	A novel synthetic compound, (Z)-5-(3-hydroxy-4-methoxybenzylidene)-2-iminothiazolidin-4-one (MHY773) inhibits mushroom tyrosinase. Bioscience, Biotechnology and Biochemistry, 2018, 82, 759-767.	0.6	23

#	Article	IF	Citations
127	Deficiency of Atg6 impairs beneficial effect of metformin on intestinal stem cell aging in Drosophila. Biochemical and Biophysical Research Communications, 2018, 498, 18-24.	1.0	23
128	Evaluation of the Novel Synthetic Tyrosinase Inhibitor (Z)-3-(3-bromo-4-hydroxybenzylidene)thiochroman-4-one (MHY1498) In Vitro and In Silico. Molecules, 2018, 23, 3307.	1.7	23
129	Suppression of oxidative stress in aging NZB/NZW mice: Effect of fish oil feeding on hepatic antioxidant status and guanidino compounds. Free Radical Research, 2005, 39, 1101-1110.	1.5	22
130	Molecular activation of NF-Î¹B, pro-inflammatory mediators, and signal pathways in Î³-irradiated mice. Biotechnology Letters, 2010, 32, 373-378.	1.1	22
131	Modulation of FoxO1 phosphorylation/acetylation by baicalin during aging. Journal of Nutritional Biochemistry, 2012, 23, 1277-1284.	1.9	22
132	Loquat leaf extract enhances myogenic differentiation, improves muscle function and attenuates muscle loss in aged rats. International Journal of Molecular Medicine, 2015, 36, 792-800.	1.8	22
133	Schisandrae semen essential oil attenuates oxidative stress-induced cell damage in C2C12 murine skeletal muscle cells through Nrf2-mediated upregulation of HO-1. International Journal of Molecular Medicine, 2015, 35, 453-459.	1.8	22
134	Cytochalasin derivatives from a jellyfish-derived fungus Phoma sp.. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2096-2099.	1.0	22
135	Essential oils purified from Schisandrae semen inhibits tumor necrosis factor-Î±-induced matrix metalloproteinase-9 activation and migration of human aortic smooth muscle cells. BMC Complementary and Alternative Medicine, 2015, 15, 7.	3.7	22
136	Oligonol, a low-molecular-weight polyphenol derived from lychee fruit, protects the pancreas from apoptosis and proliferation via oxidative stress in streptozotocin-induced diabetic rats. Food and Function, 2016, 7, 3056-3063.	2.1	22
137	Is it worth expending energy to convert biliverdin into bilirubin?. Free Radical Biology and Medicine, 2018, 124, 232-240.	1.3	22
138	Dibutyl phthalate impairs neural progenitor cell proliferation and hippocampal neurogenesis. Food and Chemical Toxicology, 2019, 129, 239-248.	1.8	22
139	MHY440, a Novel Topoisomerase Î™ Inhibitor, Induces Cell Cycle Arrest and Apoptosis via a ROS-Dependent DNA Damage Signaling Pathway in AGS Human Gastric Cancer Cells. Molecules, 2019, 24, 96.	1.7	22
140	Src Tyrosine Kinase Activation by 4-Hydroxynonenal Upregulates p38, ERK/AP-1 Signaling and COX-2 Expression in YPEN-1 Cells. PLoS ONE, 2015, 10, e0129244.	1.1	22
141	Role of xanthine dehydrogenase and aging on the innate immune response of Drosophila. Age, 2001, 24, 187-193.	3.0	21
142	Activation mechanisms of endothelial NF-Î¹B, IKK, and MAP kinase bytert-butyl hydroperoxide. Free Radical Research, 2005, 39, 399-409.	1.5	21
143	Changes in lipid distribution during aging and its modulation by calorie restriction. Age, 2009, 31, 127-142.	3.0	21
144	Inhibitory action of salicylideneamino-2-thiophenol on NF-Î¹B signaling cascade and cyclooxygenase-2 in HNE-treated endothelial cells. Archives of Pharmacal Research, 2013, 36, 880-889.	2.7	21

#	Article	IF	Citations
145	Omega-3 fatty acids induce Ca2+ mobilization responses in human colon epithelial cell lines endogenously expressing FFA4. Acta Pharmacologica Sinica, 2015, 36, 813-820.	2.8	21
146	Resveratrol analogue, HS-1793, induces apoptotic cell death and cell cycle arrest through downregulation of AKT in human colon cancer cells. Oncology Reports, 2017, 37, 281-288.	1.2	21
147	The essential role of FoxO6 phosphorylation in aging and calorie restriction. Age, 2014, 36, 9679.	3.0	20
148	Anti-inflammatory activity of SMP30 modulates NF-ÎºB through protein tyrosine kinase/phosphatase balance. Journal of Molecular Medicine, 2015, 93, 343-356.	1.7	20
149	Molecular Mechanism of Betaine on Hepatic Lipid Metabolism: Inhibition of Forkhead Box O1 (FoxO1) Binding to Peroxisome Proliferator-Activated Receptor Gamma (PPARÎ³). Journal of Agricultural and Food Chemistry, 2016, 64, 6819-6825.	2.4	20
150	Magnesium Lithospermate B from Salvia miltiorrhiza B<scp>unge</scp> Ameliorates Agingâ€Induced Renal Inflammation and Senescence via NADPH Oxidaseâ€Mediated Reactive Oxygen Generation. Phytotherapy Research, 2017, 31, 721-728.	2.8	20
151	A PPAR Pan Agonist, MHY2013 Alleviates Age-Related Hepatic Lipid Accumulation by Promoting Fatty Acid Oxidation and Suppressing Inflammation. Biological and Pharmaceutical Bulletin, 2018, 41, 29-35.	0.6	20
152	Inhibitory effects of 6-(3-hydroxyphenyl)-2-naphthol on tyrosinase activity and melanin synthesis. Archives of Pharmacal Research, 2009, 32, 289-294.	2.7	19
153	Therapeutic Effects of S-Petasin on Disease Models of Asthma and Peritonitis. Biomolecules and Therapeutics, 2015, 23, 45-52.	1.1	19
154	Increased therapeutic efficacy of a newly synthesized tyrosinase inhibitor by solid lipid nanoparticles in the topical treatment of hyperpigmentation. Drug Design, Development and Therapy, 2016, Volume 10, 3947-3957.	2.0	19
155	Effects of MHY908, a New Synthetic PPARÎ±/Î³ Dual Agonist, on Inflammatory Responses and Insulin Resistance in Aged Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 300-309.	1.7	19
156	The involvement of serum exosomal miR-500-3p and miR-770-3p in aging: modulation by calorie restriction. Oncotarget, 2018, 9, 5578-5587.	0.8	19
157	FoxO6 inhibits melanogenesis partly by elevating intracellular antioxidant capacity. Redox Biology, 2020, 36, 101624.	3.9	19
158	Geraniin Inhibits the Entry of SARS-CoV-2 by Blocking the Interaction between Spike Protein RBD and Human ACE2 Receptor. International Journal of Molecular Sciences, 2021, 22, 8604.	1.8	19
159	Modulation of Colitis-associated Colon Tumorigenesis by Baicalein and Betaine. Journal of Cancer Prevention, 2014, 19, 152-160.	0.8	19
160	Selective peroxynitrite scavenging activity of 3-methyl-1,2-cyclopentanedione from coffee extract. Journal of Pharmacy and Pharmacology, 2010, 54, 1385-1392.	1.2	18
161	Revealing system-level correlations between aging and calorie restriction using a mouse transcriptome. Age, 2010, 32, 15-30.	3.0	18
162	Chinese Prescription Kangen-karyu and Salviae Miltiorrhizae Radix Improve Age-Related Oxidative Stress and Inflammatory Response through the PI3K/Akt or MAPK Pathways. The American Journal of Chinese Medicine, 2014, 42, 987-1005.	1.5	18

#	Article	IF	Citations
163	Loquat (Eriobotrya japonica) extract prevents dexamethasone-induced muscle atrophy by inhibiting the muscle degradation pathway in Sprague Dawley rats. Molecular Medicine Reports, 2015, 12, 3607-3614.	1.1	18
164	Ï‰-3 Polyunsaturated fatty acids accelerate airway repair by activating FFA4 in club cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L835-L844.	1.3	18
165	2-(3, 4-dihydroxybenzylidene)malononitrile as a novel anti-melanogenic compound. Oncotarget, 2017, 8, 91481-91493.	0.8	18
166	Novel SIRT1 activator MHY2233 improves glucose tolerance and reduces hepatic lipid accumulation in db/db mice. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 684-688.	1.0	18
167	Anti-inflammatory effects of usnic acid in an MPTP-induced mouse model of Parkinsonâ€™s disease. Brain Research, 2020, 1730, 146642.	1.1	18
168	In silico and in vitro insights into tyrosinase inhibitors with a 2-thioxooxazoline-4-one template. Computational and Structural Biotechnology Journal, 2021, 19, 37-50.	1.9	18
169	Involvement of NF-ÎºBIZ and related cytokines in age-associated renal fibrosis. Oncotarget, 2017, 8, 7315-7327.	0.8	18
170	Novel PPARÎ± agonist MHY553 alleviates hepatic steatosis by increasing fatty acid oxidation and decreasing inflammation during aging. Oncotarget, 2017, 8, 46273-46285.	0.8	18
171	MMP2-A2M interaction increases ECM accumulation in aged rat kidney and its modulation by calorie restriction. Oncotarget, 2018, 9, 5588-5599.	0.8	18
172	Proteomic analysis of post-mitochondrial fractions of young and old rat kidney. Experimental Gerontology, 2004, 39, 1155-1168.	1.2	17
173	(2E,5E)-2,5-Bis(3-hydroxy-4-methoxybenzylidene) cyclopentanone Exerts Anti-Melanogenesis and Anti-Wrinkle Activities in B16F10 Melanoma and Hs27 Fibroblast Cells. Molecules, 2018, 23, 1415.	1.7	17
174	Identification of the dichotomous role of age-related LCK in calorie restriction revealed by integrative analysis of cDNA microarray and interactome. Age, 2013, 35, 1045-1060.	3.0	16
175	(Z)-5-(2,4-Dihydroxybenzylidene)thiazolidine-2,4-dione Prevents UVB-Induced Melanogenesis and Wrinkle Formation through Suppressing Oxidative Stress in HRM-2 Hairless Mice. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	1.9	16
176	Prolactin and Its Altered Action in Alzheimerâ€™s Disease and Parkinsonâ€™s Disease. Neuroendocrinology, 2022, 112, 427-445.	1.2	16
177	Senescence marker protein 30 is upâ€regulated in kainateâ€induced hippocampal damage through ERKâ€mediated astrocytosis. Journal of Neuroscience Research, 2009, 87, 2890-2897.	1.3	15
178	A newly synthesized, potent tyrosinase inhibitor: 5-(6-Hydroxy-2-naphthyl)-1,2,3-benzenetriol. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4882-4884.	1.0	15
179	(2R/S,4R)-2-(2,4-Dihydroxyphenyl)thiazolidine-4-carboxylic acid prevents UV-induced wrinkle formation through inhibiting NF-ÎºB-mediated inflammation. Journal of Dermatological Science, 2015, 79, 313-316.	1.0	15
180	Senoinflammation: A major mediator underlying age-related metabolic dysregulation. Experimental Gerontology, 2020, 134, 110891.	1.2	15

#	Article	IF	Citations
181	MHY218-induced apoptotic cell death is enhanced by the inhibition of autophagy in AGS human gastric cancer cells. International Journal of Oncology, 2015, 47, 563-572.	1.4	14
182	RNA-Seq analysis reveals new evidence for inflammation-related changes in aged kidney. Oncotarget, 2016, 7, 30037-30048.	0.8	14
183	Mechanism of Action of Magnesium Lithospermate B against Aging and Obesity-Induced ER Stress, Insulin Resistance, and Inflammsome Formation in the Liver. Molecules, 2018, 23, 2098.	1.7	14
184	Isolation of tyrosinase and melanogenesis inhibitory flavonoids from Juniperus chinensis fruits. Bioscience, Biotechnology and Biochemistry, 2018, 82, 2041-2048.	0.6	14
185	Synthesis and Preliminary In Vitro Biological Evaluation of 5-Chloro-2-(Substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td Biochemistry and Biotechnology, 2012, 168, 1416-1433.	1.4	13
186	Attenuation of age-related changes in FOXO3a activity and the PI3K/Akt pathway by short-term feeding of ferulate. Age, 2012, 34, 317-327.	3.0	13
187	Ferulate Protects the Epithelial Barrier by Maintaining Tight Junction Protein Expression and Preventing Apoptosis in Tertâ€Butyl Hydroperoxideâ€Induced Cacoâ€2 Cells. Phytotherapy Research, 2013, 27, 362-367.	2.8	13
188	Synthesis of Phthalimide Derivatives as Potential PPAR-Î³ Ligands. Marine Drugs, 2016, 14, 112.	2.2	13
189	Novel Role of Lck in Leptin-Induced Inflammation and Implications for Renal Aging. , 2019, 10, 1174.		13
190	Organ-differential Roles of Akt/FoxOs Axis as a Key Metabolic Modulator during Aging. , 2021, 12, 1713.		13
191	Suppression of FoxO6 by lipopolysaccharide in aged rat liver. Oncotarget, 2015, 6, 34143-34157.	0.8	13
192	Upregulation of Collagen Expression via PPARÎ²/Î´ Activation in Aged Skin by Magnesium Lithospermate B from Salvia miltiorrhiza. Journal of Natural Products, 2015, 78, 2110-2115.	1.5	12
193	Evaluation of Antimelanogenic Activity and Mechanism of Galangin <i>in Silico</i> and <i>in Vivo</i>. Biological and Pharmaceutical Bulletin, 2018, 41, 73-79.	0.6	12
194	Cytoprotective Roles of a Novel Compound, MHY-1684, against Hyperglycemia-Induced Oxidative Stress and Mitochondrial Dysfunction in Human Cardiac Progenitor Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	1.9	12
195	New Benzimidazothiazolone Derivatives as Tyrosinase Inhibitors with Potential Anti-Melanogenesis and Reactive Oxygen Species Scavenging Activities. Antioxidants, 2021, 10, 1078.	2.2	12
196	Altered FoxO1 and PPARÎ³ interaction in age-related ER stress-induced hepatic steatosis. Aging, 2019, 11, 4125-4144.	1.4	12
197	Novel SIRT Inhibitor, MHY2256, Induces Cell Cycle Arrest, Apoptosis, and Autophagic Cell Death in HCT116 Human Colorectal Cancer Cells. Biomolecules and Therapeutics, 2020, 28, 561-568.	1.1	12
198	Identification of (Z)-2-benzylidene-dihydroimidazothiazolone derivatives as tyrosinase inhibitors: Anti-melanogenic effects and in silico studies. Computational and Structural Biotechnology Journal, 2022, 20, 899-912.	1.9	12

#	Article	IF	Citations
199	Renal tubular PAR2 promotes interstitial fibrosis by increasing inflammatory responses and EMT process. Archives of Pharmacal Research, 2022, 45, 159-173.	2.7	12
200	Analysis of lipid composition and hydroxyl radicals in brain membranes of senescence-accelerated mice. Age, 1996, 19, 1-5.	3.0	11
201	Synthesis of PPAR-Î³ Activators Inspired by the Marine Natural Product, Paecilocin A. Marine Drugs, 2014, 12, 926-939.	2.2	11
202	MHY-449, a novel dihydrobenzofuro[4,5-b][1,8] naphthyridin-6-one derivative, induces apoptotic cell death through modulation of Akt/FoxO1 and ERK signaling in PC3 human prostate cancer cells. International Journal of Oncology, 2014, 44, 905-911.	1.4	11
203	Tyrosinase inhibitory flavonoid from Juniperus communis fruits. Bioscience, Biotechnology and Biochemistry, 2016, 80, 2311-2317.	0.6	11
204	Upregulation of P21-Activated Kinase 1 (PAK1)/CREB Axis in Squamous Non-Small Cell Lung Carcinoma. Cellular Physiology and Biochemistry, 2018, 50, 304-316.	1.1	11
205	In vitro and in vivo evidence of tyrosinase inhibitory activity of a synthesized (Z)â€5â€(3â€hydroxyâ€4â€methoxybenzylidene)â€2â€thioxothiazolidinâ€4â€one (5â€<scp>HMT</scp>). Experimental Dermatology, 2019, 28, 734-737.	1.1	11
206	PPARÎ± Agonist, MHY3200, Alleviates Renal Inflammation during Aging via Regulating ROS/Akt/FoxO1 Signaling. Molecules, 2021, 26, 3197.	1.7	11
207	Physiological characterization of a novel PPAR pan agonist, 2-(4-(5,6-methylenedioxybenzo[d]thiazol-2-yl)-2-methylphenoxy)-2-methylpropanoic acid (MHY2013). Oncotarget, 2017, 8, 16912-16924.	0.8	11
208	Renal Responses to Magnesium Lithospermate B. Journal of Pharmacy and Pharmacology, 2011, 42, 712-715.	1.2	10
209	PPARÎ± activation by MHY908 attenuates age-related renal inflammation through modulation of the ROS/Akt/FoxO1 pathway. Experimental Gerontology, 2017, 92, 87-95.	1.2	10
210	Modulation of senoinflammation by calorie restriction based on biochemical and Omics big data analysis. BMB Reports, 2019, 52, 56-63.	1.1	10
211	PPARÎ±/Î² Activation Alleviates Age-Associated Renal Fibrosis in Sprague Dawley Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 452-458.	1.7	10
212	(E)-1-(Furan-2-yl)-(substituted phenyl)prop-2-en-1-one Derivatives as Tyrosinase Inhibitors and Melanogenesis Inhibition: An In Vitro and In Silico Study. Molecules, 2020, 25, 5460.	1.7	10
213	MHY2245, a Sirtuin Inhibitor, Induces Cell Cycle Arrest and Apoptosis in HCT116 Human Colorectal Cancer Cells. International Journal of Molecular Sciences, 2022, 23, 1590.	1.8	10
214	Induction of differentiation of the cultured rat mammary epithelial cells by triterpene acids. Archives of Pharmacal Research, 1998, 21, 398-405.	2.7	9
215	Molecular basis for age-related changes in ileum: Involvement of Bax/caspase-dependent mitochondrial apoptotic signaling. Experimental Gerontology, 2010, 45, 970-976.	1.2	9
216	Cancer Informatics: Profiling Age-Related Epigenetic Markers of Stomach Adenocarcinoma in Young and Old Subjects. Cancer Informatics, 2015, 14, CIN.S16912.	0.9	9

#	Article	IF	Citations
217	Small RNAs induce the activation of the proâ€inflammatory TLR7 signaling pathway in aged rat kidney. Aging Cell, 2017, 16, 1026-1034.	3.0	9
218	Blockage of protease-activated receptor 2 exacerbates inflammation in high-fat environment partly through autophagy inhibition. American Journal of Physiology - Renal Physiology, 2021, 320, G30-G42.	1.6	9
219	Age-Dependent Sensitivity to the Neurotoxic Environmental Metabolite, 1,2-Diacetylbenzene. Biomolecules and Therapeutics, 2021, 29, 399-409.	1.1	9
220	Significance of hepatic xanthine oxidase and uric acid in aged and dietary restricted rats. Age, 2000, 23, 123-128.	3.0	8
221	The Standardized Extract of Juniperus communis Alleviates Hyperpigmentation in Vivo HRM-2 Hairless Mice and in Vitro Murine B16 Melanoma Cells. Biological and Pharmaceutical Bulletin, 2017, 40, 1381-1388.	0.6	8
222	Interaction between CHOP and FoxO6 promotes hepatic lipid accumulation. Liver International, 2020, 40, 2706-2718.	1.9	8
223	Human cardiac stem cells rejuvenated by modulating autophagy with MHY-1685 enhance the therapeutic potential for cardiac repair. Experimental and Molecular Medicine, 2021, 53, 1423-1436.	3.2	8
224	Ferulate, an Active Component of Wheat Germ, Ameliorates Oxidative Stress-Induced PTK/PTP Imbalance and PP2A Inactivation. Toxicological Research, 2018, 34, 333-341.	1.1	8
225	Identification of a Novel Class of Anti-Melanogenic Compounds, (Z)-5-(Substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 42 Scavenging Activities. Antioxidants, 2022, 11, 948.	2.2	8
226	cDNA representational difference analysis used in the identification of genes related to the aging process in rat kidney. Mechanisms of Ageing and Development, 2005, 126, 882-891.	2.2	7
227	A novel oxiranylchromenone derivative, MHY336, induces apoptosis and cell cycle arrest via a p53- and p21-dependent pathway in HCT116 human colon cancer cells. International Journal of Oncology, 2014, 44, 943-949.	1.4	7
228	Thio-barbiturate-derived compounds are novel antioxidants to prevent LPS-induced inflammation in the liver. Oncotarget, 2017, 8, 91662-91673.	0.8	7
229	MHY451 induces cell cycle arrest and apoptosis by ROS generation in HCT116 human colorectal cancer cells. Oncology Reports, 2017, 38, 1783-1789.	1.2	7
230	Quantitative Proteomic Analysis of Changes Related to Age and Calorie Restriction in Rat Liver Tissue. Proteomics, 2018, 18, 1700240.	1.3	7
231	Senescence marker protein 30 protects intestinal epithelial cells against inflammation-induced cell death by enhancing Nrf2 activity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3668-3678.	1.8	7
232	Syntheses and antitumor activities of polymers containing 2-acrylamido-2-methyl-1-propanesulfonic acid or 5-fluorouracil. Polymer Bulletin, 2001, 46, 241-248.	1.7	6
233	The effect of lipopolysaccharide on enhanced inflammatory process with age: Modulation of NF-Î°B. Age, 2001, 24, 163-171.	3.0	6
234	Activation of cyclooxygenases by H2O2and t-butylhydroperoxide in aged rat lung. Biotechnology Letters, 2004, 26, 1665-1669.	1.1	6

#	Article	IF	Citations
235	MHY-449, a novel dihydrobenzofuro[4,5-b][1,8] naphthyridin-6-one derivative, mediates oxidative stress-induced apoptosis in AGS human gastric cancer cells. Oncology Reports, 2015, 34, 288-294.	1.2	6
236	Antimelanogenic activity of <scp>MHY</scp>384 via inhibition of <scp>NO</scp>â€induced <scp>cGMP</scp> signalling. Experimental Dermatology, 2016, 25, 652-654.	1.4	6
237	Impacts of Calorie Restriction and Intermittent Fasting on Health and Diseases: Current Trends. Nutrients, 2020, 12, 2948.	1.7	6
238	PAR2 promotes high-fat diet-induced hepatic steatosis by inhibiting AMPK-mediated autophagy. Journal of Nutritional Biochemistry, 2021, 95, 108769.	1.9	6
239	DrosophilaPEBP1 inhibits intestinal stem cell aging via suppression of ERK pathway. Oncotarget, 2018, 9, 17980-17993.	0.8	6
240	The Promoting Action of Magnesium Lithospermate B on the Kininâ€Prostaglandin E₂ System in the Kidney. Basic and Clinical Pharmacology and Toxicology, 1995, 76, 240-244.	0.0	5
241	Urushiol Induces Apoptosis via a p53-dependent Pathway in Human Gastric Cancer Cells. Journal of Cancer Prevention, 2013, 18, 169-176.	0.8	5
242	Novel dihydrobenzofuro[4,5-b][1,8]naphthyridin-6-one derivative, MHY-449, induces cell cycle arrest and apoptosis via the downregulation of Akt in human lung cancer cells. Oncology Reports, 2015, 34, 2431-2438.	1.2	5
243	Short-term intake of high fat diet aggravates renal fibrosis in aged Sprague-Dawley rats. Experimental Gerontology, 2020, 142, 111108.	1.2	5
244	Comparison of two different toxin-induced kidney fibrosis models in terms of inflammatory responses. Toxicology, 2021, 463, 152973.	2.0	5
245	Weight reduction and lipid lowering effects of black soybean anthocyanins in rats fed high fat diet. FASEB Journal, 2007, 21, A1080.	0.2	5
246	Anti-Inflammatory Effects of the Novel Barbiturate Derivative MHY2699 in an MPTP-Induced Mouse Model of Parkinsonâ€™s Disease. Antioxidants, 2021, 10, 1855.	2.2	5
247	Anti-Inflammatory Effect of IKK-Activated GSK-3Î² Inhibitory Peptide Prevented Nigrostriatal Neurodegeneration in the Rodent Model of Parkinsonâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 998.	1.8	5
248	AgingDB: A database for oxidative stress and calorie restriction in the study of aging. Age, 2003, 26, 11-17.	3.0	4
249	Fermented Onions Extract Inhibits Tyrosinase and Collagenase-1 Activities as a Potential New Antiâ€“Photoaging Agent. Natural Product Communications, 2017, 12, 1934578X1701200.	0.2	4
250	Hepatoprotective Effects of MHY3200 on High-Fat, Diet-Induced, Non-Alcoholic Fatty Liver Disease in Rats. Molecules, 2018, 23, 2057.	1.7	4
251	Activation of PAR2 promotes high-fat diet-induced renal injury by inducing oxidative stress and inflammation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166474.	1.8	4
252	All-trans retinoic acid induced differentiation of rat mammary epithelial cells cultured in serum-free medium. Archives of Pharmacal Research, 1998, 21, 298-304.	2.7	3

#	Article	IF	Citations
253	Calorie restriction modulates redox-sensitive AP-1 during the aging process. Age, 2002, 25, 123-130.	3.0	3
254	Inhibition of melanogenesis by 2-[4-(5-chlorobenzo[d]thiazol-2-yl)phenoxy]-2-methylpropanoic acid (MHY908). Archives of Pharmacal Research, 2015, 38, 505-511.	2.7	3
255	Proâ€apoptotic effect of the novel benzylidene derivative MHY695 in human colon cancer cells. Oncology Letters, 2019, 18, 3256-3264.	0.8	3
256	2,4-Dihydroxyphenyl-benzo[d]thiazole (MHY553), a synthetic PPARÎ± agonist, decreases age-associated inflammatory responses through PPARÎ± activation and RS scavenging in the skin. Experimental Gerontology, 2021, 143, 111153.	1.2	3
257	Mechanism of Lipid Accumulation through PAR2 Signaling in Diabetic Male Mice. Endocrinology and Metabolism, 2021, 36, 171-184.	1.3	3
258	Soyasapogenol C from Fermented Soybean (Glycine Max) Acting as a Novel AMPK/PPARÎ± Dual Activator Ameliorates Hepatic Steatosis: A Novel SANDA Methodology. International Journal of Molecular Sciences, 2022, 23, 5468.	1.8	3
259	MHY2251, a New SIRT1 Inhibitor, Induces Apoptosis via JNK/p53 Pathway in HCT116 Human Colorectal Cancer Cells. Biomolecules and Therapeutics, 2023, 31, 73-81.	1.1	3
260	A Novel Class of Potent Anti-Tyrosinase Compounds with Antioxidant Activity, 2-(Substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 1375.	2.2	3
261	Salicylideneaminoâ€2â€thiophenol modulates nuclear factorâ€Îº<scp>B</scp> through redox regulation during the aging process. Geriatrics and Gerontology International, 2015, 15, 211-219.	0.7	2
262	Analysis of Redox Status in Serum during Aging. Annals of the New York Academy of Sciences, 2001, 928, 350-350.	1.8	1
263	4-(6,7-Dihydro-5H-indeno[5,6-d] thiazol-2-yl)benzene-1,3-diol prevents UV-induced melanogenesis and wrinkle formation in HRM-2 hairless mice. Journal of Dermatological Science, 2016, 84, 213-216.	1.0	1
264	Dendranthema zawadskii var. lucidum (Nakai) J.H. Park Extract Inhibits Cellular Senescence in Human Dermal Fibroblasts and Aging-Related Inflammation in Rats. Processes, 2021, 9, 801.	1.3	1
265	PAR2 Deficiency Induces Mitochondrial ROS Generation and Dysfunctions, Leading to the Inhibition of Adipocyte Differentiation. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	1
266	Cheonggukjang-Specific Component 1,3-Diphenyl-2-Propanone as a Novel PPARÎ±/Î³ Dual Agonist: An In Vitro and In Silico Study. International Journal of Molecular Sciences, 2021, 22, 10884.	1.8	1
267	Antiobestic and antiinflammatory effect of doenjang (Korean fermented soy paste). FASEB Journal, 2009, 23, 111.4.	0.2	1
268	Proteomic analysis of post-mitochondrial fractions of young and old rat kidney. Experimental Gerontology, 2004, 39, 1155-1155.	1.2	0
269	Activation of cyclooxygenases by H2O2 and t-butylhydroperoxide in aged rat lung. Biotechnology Letters, 2005, 26, 1665-1669.	1.1	0
270	Analysis of Proteins in Aged Rat Kidney: The Effect of Calorie Restriction. Annals of the New York Academy of Sciences, 2006, 928, 349-349.	1.8	0

#	Article	IF	Citations
271	Contribution of Cyclooxygenase to Age-related Oxidative Stress. Annals of the New York Academy of Sciences, 2006, 928, 353-353.	1.8	0
272	Investigation on Natural Peroxynitrite Scavengers. Annals of the New York Academy of Sciences, 2006, 928, 366-366.	1.8	0
273	Protection of Mitochondria Permeability Transition by Dihydroxybenzaldehyde against Hydroxyl Radicals. Annals of the New York Academy of Sciences, 2006, 928, 379-379.	1.8	0
274	TREP_DB: Transcriptional regulatory elements pattern database. Biochemical and Biophysical Research Communications, 2010, 394, 309-316.	1.0	0
275	[P4â€“439]: COMMON PATHWAYS BETWEEN AGING AND ALZHEIMER's DISEASE REVEALED BY SYSTEMSâ€BIOLOGICAL APPROACH. Alzheimer's and Dementia, 2017, 13, P1500.	0.4	0
276	Hypolaetin-7-O-Î²-D-xyloside from Juniperus communis Fruits Inhibits Melanogenesis on Zebrafish Pigmentation. Natural Product Communications, 2017, 12, 1934578X1701201.	0.2	0
277	Novel Î²-phenylacrylic acid derivatives exert anti-cancer activity by inducing Src-mediated apoptosis in wild-type KRAS colon cancer. Cell Death and Disease, 2018, 9, 877.	2.7	0
278	Isolation and Characterization of a Putative Hemin-binding Protein from Prevotella intermedia. The Journal of the Korean Academy of Periodontology, 2000, 30, 737.	0.1	0
279	Molecular Evidence on Activation of proâ€inflammatory NFâ€ÎºB Signaling Pathway by Xâ€ray Irradiation. FASEB Journal, 2008, 22, 298-298.	0.2	0
280	Revealing Systemâ€level Correlations between Aging and Calorie Restriction using a Mouse Transcriptome. FASEB Journal, 2008, 22, 243-243.	0.2	0
281	Caloric Restriction Modulates Ageâ€related Inflammation and Lipid Accumulation through SREBPâ€1 and PPARs in Skeletal Muscle. FASEB Journal, 2008, 22, 271-271.	0.2	0