Min-Ho Oak

List of Publications by Year
in descending order

61 papers	1,904 citations	331670 21 h-index	254184 43 g-index
62 all docs	62 docs citations	62 times ranked	2748 citing authors

#	Article	IF	Citations
1	Antiangiogenic properties of natural polyphenols from red wine and green tea. Journal of Nutritional Biochemistry, 2005, 16, 1-8.	4.2	201
2	Anti-Allergic and Anti-Inflammatory Triterpenes from the Herb of Prunella vulgaris. Planta Medica, 2000, 66, 358-360.	1.3	182
3	Red wine polyphenols prevent angiotensin II-induced hypertension and endothelial dysfunction in rats: Role of NADPH oxidase. Cardiovascular Research, 2006, 71, 794-802.	3.8	159
4	Studies of structure activity relationship of flavonoids for the anti-allergic actions. Archives of Pharmacal Research, 1998, 21, 478-480.	6.3	120
5	Potential mechanisms underlying cardiovascular protection by polyphenols: Role of the endothelium. Free Radical Biology and Medicine, 2018, 122, 161-170.	2.9	91
6	Red Wine Polyphenolic Compounds Inhibit Vascular Endothelial Growth Factor Expression in Vascular Smooth Muscle Cells by Preventing the Activation of the p38 Mitogen-Activated Protein Kinase Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1001-1007.	2.4	89
7	Selectivity of commonly used inhibitors of clathrin-mediated and caveolae-dependent endocytosis of G proteinâ€“coupled receptors. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 2101-2110.	2.6	82
8	Red Wine Polyphenolic Compounds Strongly Inhibit Pro-Matrix Metalloproteinase-2 Expression and Its Activation in Response to Thrombin via Direct Inhibition of Membrane Type 1â€“Matrix Metalloproteinase in Vascular Smooth Muscle Cells. Circulation, 2004, 110, 1861-1867.	1.6	72
9	Catechins prevent vascular smooth muscle cell invasion by inhibiting MT1-MMP activity and MMP-2 expression. Cardiovascular Research, 2005, 67, 317-325.	3.8	71
10	The limited intestinal absorption via paracellular pathway is responsible for the low oral bioavailability of doxorubicin. Xenobiotica, 2013, 43, 579-591.	1.1	61
11	Decaffeinated green tea extract improves hypertension and insulin resistance in a rat model of metabolic syndrome. Atherosclerosis, 2012, 224, 377-383.	0.8	54
12	Catechin prevents endothelial dysfunction in the prediabetic stage of OLETF rats by reducing vascular NADPH oxidase activity and expression. Atherosclerosis, 2009, 206, 47-53.	0.8	52
13	Oral delivery of quercetin in oil-in-water nanoemulsion: In vitro characterization and in vivo anti-obesity efficacy in mice. Journal of Functional Foods, 2017, 38, 571-581.	3.4	51
14	Inhibition of Mast Cell Degranulation by Tanshinones from the Roots ofSalvia miltiorrhiza. Planta Medica, 1999, 65, 654-655.	1.3	44
15	Kaempferol Attenuates 4-Hydroxynonenal-Induced Apoptosis in PC12 Cells by Directly Inhibiting NADPH Oxidase. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 747-754.	2.5	44
16	Cocoa procyanidins inhibit expression and activation of MMP-2 in vascular smooth muscle cells by direct inhibition of MEK and MT1-MMP activities. Cardiovascular Research, 2008, 79, 34-41.	3.8	37
17	Melatonin supplementation plus exercise behavior ameliorate insulin resistance, hypertension and fatigue in a rat model of type 2 diabetes mellitus. Biomedicine and Pharmacotherapy, 2017, 92, 606-614.	5.6	37
18	Protective Effect of Salicornia europaea Extracts on High Salt Intake-Induced Vascular Dysfunction and Hypertension. International Journal of Molecular Sciences, 2016, 17, 1176.	4.1	32

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19	Fine air pollution particles induce endothelial senescence via redox-sensitive activation of local angiotensin system. Environmental Pollution, 2019, 252, 317-329.	7.5	31
20	Yomogin Inhibits the Degranulation of Mast Cells and the Production of the Nitric Oxide in Activated RAW 264.7 Cells. Planta Medica, 2000, 66, 171-173.	1.3	28
21	Antiatherogenic Effect ofCamellia japonicaFruit Extract in High Fat Diet-Fed Rats. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-8.	1.2	24
22	Anti-Allergic Prenylated Flavonoids from the Roots of Sophora flavescens. Planta Medica, 2008, 74, 168-170.	1.3	22
23	Analytical Methods of Levoglucosan, a Tracer for Cellulose in Biomass Burning, by Four Different Techniques. Asian Journal of Atmospheric Environment, 2012, 6, 53-66.	1.1	21
24	Vascular Protection by Ethanol Extract of Morus alba Root Bark: Endothelium-Dependent Relaxation of Rat Aorta and Decrease of Smooth Muscle Cell Migration and Proliferation. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	1.2	20
25	Intake of omega-3 formulation EPA:DHA 6:1 by old rats for 2Âweeks improved endothelium-dependent relaxations and normalized the expression level of ACE/AT1R/NADPH oxidase and the formation of ROS in the mesenteric artery. Biochemical Pharmacology, 2020, 173, 113749.	4.4	19
26	Effects of polystyrene nanoplastics on endothelium senescence and its underlying mechanism. Environment International, 2022, 164, 107248.	10.0	16
27	Anthocyanidins, novel FAK inhibitors, attenuate PDGF-BB-induced aortic smooth muscle cell migration and neointima formation. Cardiovascular Research, 2014, 101, 503-512.	3.8	15
28	Vascular Protective Effect of an Ethanol Extract ofCamellia japonicaFruit: Endothelium-Dependent Relaxation of Coronary Artery and Reduction of Smooth Muscle Cell Migration. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	4.0	15
29	Combination of Garcinia cambogia extract and pear pomace extract additively suppresses adipogenesis and enhances lipolysis in 3T3-L1 cells. Pharmacognosy Magazine, 2018, 14, 220.	0.6	15
30	An ethanolic extract of Lindera obtusiloba stems causes NO-mediated endothelium-dependent relaxations in rat aortic rings and prevents angiotensin II-induced hypertension and endothelial dysfunction in rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 383, 635-645.	3.0	13
31	Enhanced IL-12p40 production in LPS-stimulated macrophages by inhibiting JNK activation by artemisinin. Archives of Pharmacal Research, 2012, 35, 1961-1968.	6.3	13
32	Agonist-induced changes in RalA activities allows the prediction of the endocytosis of G protein-coupled receptors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 77-90.	4.1	13
33	Functional interaction between dopamine receptor subtypes for the regulation of c-fos expression. Biochemical and Biophysical Research Communications, 2007, 357, 1113-1118.	2.1	12
34	Prevention of Fine Dust-Induced Vascular Senescence by Humulus lupulus Extract and Its Major Bioactive Compounds. Antioxidants, 2020, 9, 1243.	5.1	12
35	Lysimachia clethroides Extract Promote Vascular Relaxation via Endothelium-Dependent Mechanism. Journal of Cardiovascular Pharmacology, 2010, 55, 481-488.	1.9	11
36	Vasorelaxant Effect of Boesenbergia rotunda and Its Active Ingredients on an Isolated Coronary Artery. Plants, 2020, 9, 1688.	3.5	11

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37	Endothelium-Dependent Relaxation Effects of Actinidia arguta Extracts in Coronary Artery: Involvement of eNOS/Akt Pathway. Journal of Nanoscience and Nanotechnology, 2020, 20, 5381-5384.	0.9	11
38	Oxidative Stress in Calcific Aortic Valve Stenosis: Protective Role of Natural Antioxidants. Antioxidants, 2022, 11, 1169.	5.1	10
39	Vasorelaxant Prenylated Flavonoids from the Roots of Sophora flavescens. Bioscience, Biotechnology and Biochemistry, 2013, 77, 395-397.	1.3	9
40	Voltage-gated K+ channels contributing to temporal precision at the inner hair cell-auditory afferent nerve fiber synapses in the mammalian cochlea. Archives of Pharmacal Research, 2014, 37, 821-833.	6.3	8
41	Citrus junos Fruit Extract Facilitates Anti-Adipogenic Activity of Garcinia cambogia Extract in 3T3-L1 Adipocytes by Reducing Oxidative Stress. Journal of Nanoscience and Nanotechnology, 2019, 19, 915-921.	0.9	8
42	An Ethanolic Extract of Lindera obtusiloba Stems, YJP-14, Improves Endothelial Dysfunction, Metabolic Parameters and Physical Performance in Diabetic db/db Mice. PLoS ONE, 2013, 8, e65227.	2.5	8
43	Synthesis and biological evaluation of 3-aminopyrrolidine derivatives as CC chemokine receptor 2 antagonists. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2099-2102.	2.2	6
44	The Effect of Quercus salicina Leaf Extracts on Vascular Endothelial Function: Role of Nitric Oxide. Journal of Nanoscience and Nanotechnology, 2016, 16, 2069-2071.	0.9	6
45	Cacao Polyphenols Potentiate Anti-Platelet Effect of Endothelial Cells and Ameliorate Hypercoagulatory States Associated with Hypercholesterolemia. Journal of Nanoscience and Nanotechnology, 2017, 17, 2817-2823.	0.9	6
46	Antiplatelet and Antithrombotic Activities of Lindera obtusiloba Extract in vitro and in vivo. Biomolecules and Therapeutics, 2010, 18, 205-210.	2.4	6
47	Semisynthesis of Licochalcone E and Biological Evaluation as Vasorelaxant Agents. Bulletin of the Korean Chemical Society, 2010, 31, 1085-1087.	1.9	6
48	Smooth Muscle Cell Derived Microparticles Acts as Autocrine Activation of Smooth Muscle Cell Proliferation by Mitogen Associated Protein Kinase Upregulation. Journal of Nanoscience and Nanotechnology, 2020, 20, 5746-5750.	0.9	5
49	Taxifolin as a Major Bioactive Compound in the Vasorelaxant Effect of Different Pigmented Rice Bran Extracts. Frontiers in Pharmacology, 2022, 13, 799064.	3.5	5
50	Preparation and In Vitro Evaluation of Elastic Nanoliposomes for Topical Delivery of Highly Skin-Permeable Growth Factors. Journal of Nanoscience and Nanotechnology, 2018, 18, 887-892.	0.9	3
51	Ameliorative effects of ark clams (Scapharca subcrenata and Tegillarca granosa) on endothelial dysfunction induced by a high-fat diet. Applied Biological Chemistry, 2020, 63, .	1.9	3
52	A Standardized Lindera obtusiloba Extract Improves Endothelial Dysfunction and Attenuates Plaque Development in Hyperlipidemic ApoE-Knockout Mice. Plants, 2021, 10, 2493.	3.5	3
53	O38 The omega-3 EPA:DHA 6:1 formulation improves ageing-related blunted endothelium-dependent relaxations and increased contractile responses in the mesenteric artery: Role of oxidative stress and cyclooxygenases. Biochemical Pharmacology, 2017, 139, 122.	4.4	2
54	Synthesis and Biological Evaluation of 1-Cyclohexyl Substituted 3-Aminopyrrolidine Derivatives as CC Chemokine Receptor 2 (CCR2) Antagonists. Bulletin of the Korean Chemical Society, 2010, 31, 1827-1828.	1.9	2

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55	Surgically Metabolic Resection of Pericardial Fat to Ameliorate Myocardial Mitochondrial Dysfunction in Acute Myocardial Infarction Obese Rats. Journal of Korean Medical Science, 2022, 37, e55.	2.5	2
56	Beneficial Effects of Caffeic Acid Phenethyl Ester on Wound Healing in a Diabetic Mouse: Role of VEGF and NO. Applied Sciences (Switzerland), 2022, 12, 2320.	2.5	2
57	Molecular Modeling of Licochalcone E as Protein Tyrosine Phosphatase <scp>1B</scp> Inhibitor. Bulletin of the Korean Chemical Society, 2016, 37, 2102-2105.	1.9	1
58	Rice Bran Extract Inhibits TMEM16A-Involved Activity in the Neonatal Rat Cochlea. Journal of Nanoscience and Nanotechnology, 2017, 17, 2390-2393.	0.9	1
59	The Vasorelaxatory Effect of Nelumbo nucifera Spornioderm on Porcine Coronary Artery. Journal of Nanoscience and Nanotechnology, 2019, 19, 1176-1179.	0.9	1
60	Catechin improves endothelial dysfunction by reducing NADPH oxidase activity in prediabetic stage of type 2 diabetic rat model. Heart Lung and Circulation, 2008, 17, S20.	0.4	0
61	Abstract 356: Rice Bran Extracts and Its Active Compound, Î³-oryzanol, Prevent Particulate Matters-induced Endothelium Senescence. Circulation Research, 2020, 127, .	4.5	0