

# Min-Ho Oak

## List of Publications by Year in descending order

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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	Surgically Metabolic Resection of Pericardial Fat to Ameliorate Myocardial Mitochondrial Dysfunction in Acute Myocardial Infarction Obese Rats. <i>Journal of Korean Medical Science</i> , 2022, 37, e55.	2.5	2
2	Beneficial Effects of Caffeic Acid Phenethyl Ester on Wound Healing in a Diabetic Mouse: Role of VEGF and NO. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2320.	2.5	2
3	Taxifolin as a Major Bioactive Compound in the Vasorelaxant Effect of Different Pigmented Rice Bran Extracts. <i>Frontiers in Pharmacology</i> , 2022, 13, 799064.	3.5	5
4	Effects of polystyrene nanoplastics on endothelium senescence and its underlying mechanism. <i>Environment International</i> , 2022, 164, 107248.	10.0	16
5	Oxidative Stress in Calcific Aortic Valve Stenosis: Protective Role of Natural Antioxidants. <i>Antioxidants</i> , 2022, 11, 1169.	5.1	10
6	A Standardized <i>Lindera obtusiloba</i> Extract Improves Endothelial Dysfunction and Attenuates Plaque Development in Hyperlipidemic ApoE-Knockout Mice. <i>Plants</i> , 2021, 10, 2493.	3.5	3
7	Intake of omega-3 formulation EPA:DHA 6:1 by old rats for 2 weeks improved endothelium-dependent relaxations and normalized the expression level of ACE/AT1R/NADPH oxidase and the formation of ROS in the mesenteric artery. <i>Biochemical Pharmacology</i> , 2020, 173, 113749.	4.4	19
8	Vasorelaxant Effect of <i>Boesenbergia rotunda</i> and Its Active Ingredients on an Isolated Coronary Artery. <i>Plants</i> , 2020, 9, 1688.	3.5	11
9	Prevention of Fine Dust-Induced Vascular Senescence by <i>Humulus lupulus</i> Extract and Its Major Bioactive Compounds. <i>Antioxidants</i> , 2020, 9, 1243.	5.1	12
10	Smooth Muscle Cell Derived Microparticles Acts as Autocrine Activation of Smooth Muscle Cell Proliferation by Mitogen Associated Protein Kinase Upregulation. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5746-5750.	0.9	5
11	Endothelium-Dependent Relaxation Effects of <i>Actinidia arguta</i> Extracts in Coronary Artery: Involvement of eNOS/Akt Pathway. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5381-5384.	0.9	11
12	Abstract 356: Rice Bran Extracts and Its Active Compound, $\delta^3$ -oryzanol, Prevent Particulate Matters-induced Endothelium Senescence. <i>Circulation Research</i> , 2020, 127, .	4.5	0
13	Ameliorative effects of ark clams ( <i>Scapharca subcrenata</i> and <i>Tegillarca granosa</i> ) on endothelial dysfunction induced by a high-fat diet. <i>Applied Biological Chemistry</i> , 2020, 63, .	1.9	3
14	Fine air pollution particles induce endothelial senescence via redox-sensitive activation of local angiotensin system. <i>Environmental Pollution</i> , 2019, 252, 317-329.	7.5	31
15	<i>Citrus junos</i> Fruit Extract Facilitates Anti-Adipogenic Activity of <i>Garcinia cambogia</i> Extract in 3T3-L1 Adipocytes by Reducing Oxidative Stress. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 915-921.	0.9	8
16	The Vasorelaxatory Effect of <i>Nelumbo nucifera</i> Sporioiderm on Porcine Coronary Artery. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 1176-1179.	0.9	1
17	Potential mechanisms underlying cardiovascular protection by polyphenols: Role of the endothelium. <i>Free Radical Biology and Medicine</i> , 2018, 122, 161-170.	2.9	91
18	Preparation and In Vitro Evaluation of Elastic Nanoliposomes for Topical Delivery of Highly Skin-Permeable Growth Factors. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 887-892.	0.9	3

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19	Vascular Protection by Ethanol Extract of <i>Morus alba</i> 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
20	Combination of <i>Garcinia cambogia</i> extract and pear pomace extract additively suppresses adipogenesis and enhances lipolysis in 3T3-L1 cells. Pharmacognosy Magazine, 2018, 14, 220.	0.6	15
21	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
22	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
23	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
24	Rice Bran Extract Inhibits TMEM16A-Involved Activity in the Neonatal Rat Cochlea. Journal of Nanoscience and Nanotechnology, 2017, 17, 2390-2393.	0.9	1
25	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
26	Vascular Protective Effect of an Ethanol Extract of <i>Camellia japonica</i> Fruit: 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
27	Antiatherogenic Effect of <i>Camellia japonica</i> Fruit Extract in High Fat Diet-Fed Rats. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-8.	1.2	24
28	Protective Effect of <i>Salicornia europaea</i> Extracts on High Salt Intake-Induced Vascular Dysfunction and Hypertension. International Journal of Molecular Sciences, 2016, 17, 1176.	4.1	32
29	Molecular Modeling of Licochalcone E as Protein Tyrosine Phosphatase $\beta$ Inhibitor. Bulletin of the Korean Chemical Society, 2016, 37, 2102-2105.	1.9	1
30	The Effect of <i>Quercus salicina</i> Leaf Extracts on Vascular Endothelial Function: Role of Nitric Oxide. Journal of Nanoscience and Nanotechnology, 2016, 16, 2069-2071.	0.9	6
31	Agonist-induced changes in $\text{R}\alpha\text{A}$ 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
32	Selectivity of commonly used inhibitors of clathrin-mediated and caveolae-dependent endocytosis of G protein-coupled receptors. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 2101-2110.	2.6	82
33	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
34	Voltage-gated $\text{K}^+$ 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
35	Vasorelaxant Prenylated Flavonoids from the Roots of <i>Sophora flavescens</i> . Bioscience, Biotechnology and Biochemistry, 2013, 77, 395-397.	1.3	9
36	The limited intestinal absorption via paracellular pathway is responsible for the low oral bioavailability of doxorubicin. Xenobiotica, 2013, 43, 579-591.	1.1	61

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37	An Ethanolic Extract of <i>Lindera obtusiloba</i> Stems, YJP-14, Improves Endothelial Dysfunction, Metabolic Parameters and Physical Performance in Diabetic db/db Mice. <i>PLoS ONE</i> , 2013, 8, e65227.	2.5	8
38	Decaffeinated green tea extract improves hypertension and insulin resistance in a rat model of metabolic syndrome. <i>Atherosclerosis</i> , 2012, 224, 377-383.	0.8	54
39	Enhanced IL-12p40 production in LPS-stimulated macrophages by inhibiting JNK activation by artemisinin. <i>Archives of Pharmacal Research</i> , 2012, 35, 1961-1968.	6.3	13
40	Analytical Methods of Levoglucosan, a Tracer for Cellulose in Biomass Burning, by Four Different Techniques. <i>Asian Journal of Atmospheric Environment</i> , 2012, 6, 53-66.	1.1	21
41	An ethanolic extract of <i>Lindera obtusiloba</i> stems causes NO-mediated endothelium-dependent relaxations in rat aortic rings and prevents angiotensin II-induced hypertension and endothelial dysfunction in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 635-645.	3.0	13
42	Kaempferol Attenuates 4-Hydroxynonenal-Induced Apoptosis in PC12 Cells by Directly Inhibiting NADPH Oxidase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 747-754.	2.5	44
43	Synthesis and biological evaluation of 3-aminopyrrolidine derivatives as CC chemokine receptor 2 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2099-2102.	2.2	6
44	<i>Lysimachia clethroides</i> Extract Promote Vascular Relaxation via Endothelium-Dependent Mechanism. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 55, 481-488.	1.9	11
45	Antiplatelet and Antithrombotic Activities of <i>Lindera obtusiloba</i> Extract in vitro and in vivo. <i>Biomolecules and Therapeutics</i> , 2010, 18, 205-210.	2.4	6
46	Semisynthesis of Licochalcone E and Biological Evaluation as Vasorelaxant Agents. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1085-1087.	1.9	6
47	Synthesis and Biological Evaluation of 1-Cyclohexyl Substituted 3-Aminopyrrolidine Derivatives as CC Chemokine Receptor 2 (CCR2) Antagonists. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1827-1828.	1.9	2
48	Catechin prevents endothelial dysfunction in the prediabetic stage of OLETF rats by reducing vascular NADPH oxidase activity and expression. <i>Atherosclerosis</i> , 2009, 206, 47-53.	0.8	52
49	Catechin improves endothelial dysfunction by reducing NADPH oxidase activity in prediabetic stage of type 2 diabetic rat model. <i>Heart Lung and Circulation</i> , 2008, 17, S20.	0.4	0
50	Cocoa procyanidins inhibit expression and activation of MMP-2 in vascular smooth muscle cells by direct inhibition of MEK and MT1-MMP activities. <i>Cardiovascular Research</i> , 2008, 79, 34-41.	3.8	37
51	Anti-Allergic Prenylated Flavonoids from the Roots of <i>Sophora flavescens</i> . <i>Planta Medica</i> , 2008, 74, 168-170.	1.3	22
52	Functional interaction between dopamine receptor subtypes for the regulation of c-fos expression. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 1113-1118.	2.1	12
53	Red wine polyphenols prevent angiotensin II-induced hypertension and endothelial dysfunction in rats: Role of NADPH oxidase. <i>Cardiovascular Research</i> , 2006, 71, 794-802.	3.8	159
54	Antiangiogenic properties of natural polyphenols from red wine and green tea. <i>Journal of Nutritional Biochemistry</i> , 2005, 16, 1-8.	4.2	201

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55	Catechins prevent vascular smooth muscle cell invasion by inhibiting MT1-MMP activity and MMP-2 expression. <i>Cardiovascular Research</i> , 2005, 67, 317-325.	3.8	71
56	Red Wine Polyphenolic Compounds Strongly Inhibit Pro-Matrix Metalloproteinase-2 Expression and Its Activation in Response to Thrombin via Direct Inhibition of Membrane Type 1 Matrix Metalloproteinase in Vascular Smooth Muscle Cells. <i>Circulation</i> , 2004, 110, 1861-1867.	1.6	72
57	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. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 1001-1007.	2.4	89
58	Anti-Allergic and Anti-Inflammatory Triterpenes from the Herb of <i>Prunella vulgaris</i> . <i>Planta Medica</i> , 2000, 66, 358-360.	1.3	182
59	Yomogin Inhibits the Degranulation of Mast Cells and the Production of the Nitric Oxide in Activated RAW 264.7 Cells. <i>Planta Medica</i> , 2000, 66, 171-173.	1.3	28
60	Inhibition of Mast Cell Degranulation by Tanshinones from the Roots of <i>Salvia miltiorrhiza</i> . <i>Planta Medica</i> , 1999, 65, 654-655.	1.3	44
61	Studies of structure activity relationship of flavonoids for the anti-allergic actions. <i>Archives of Pharmacal Research</i> , 1998, 21, 478-480.	6.3	120