Poungrat Pakdeechote

List of Publications by Year
in descending order

54 papers	1,569 citations	257101 24 h-index	315357 38 g-index
55 all docs	55 docs citations	55 times ranked	1901 citing authors

#	Article	IF	Citations
1	Antioxidant and vascular protective effects of curcumin and tetrahydrocurcumin in rats with l-NAME-induced hypertension. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 383, 519-529.	1.4	126
2	Curcumin improves endothelial dysfunction and vascular remodeling in 2K-1C hypertensive rats by raising nitric oxide availability and reducing oxidative stress. Nitric Oxide - Biology and Chemistry, 2014, 42, 44-53.	1.2	86
3	Asiatic Acid Alleviates Hemodynamic and Metabolic Alterations via Restoring eNOS/iNOS Expression, Oxidative Stress, and Inflammation in Diet-Induced Metabolic Syndrome Rats. Nutrients, 2014, 6, 355-370.	1.7	85
4	Protective effects of quercetin against phenylhydrazine-induced vascular dysfunction and oxidative stress in rats. Food and Chemical Toxicology, 2007, 45, 448-455.	1.8	83
5	Ferulic Acid Alleviates Changes in a Rat Model of Metabolic Syndrome Induced by High-Carbohydrate, High-Fat Diet. Nutrients, 2015, 7, 6446-6464.	1.7	73
6	Tetrahydrocurcumin alleviates hypertension, aortic stiffening and oxidative stress in rats with nitric oxide deficiency. Hypertension Research, 2012, 35, 418-425.	1.5	72
7	Ellagic Acid Prevents L-NAME-Induced Hypertension via Restoration of eNOS and p47phox Expression in Rats. Nutrients, 2015, 7, 5265-5280.	1.7	67
8	Tetrahydrocurcumin Protects against Cadmium-Induced Hypertension, Raised Arterial Stiffness and Vascular Remodeling in Mice. PLoS ONE, 2014, 9, e114908.	1.1	54
9	Peptides-Derived from Thai Rice Bran Improves Endothelial Function in 2K-1C Renovascular Hypertensive Rats. Nutrients, 2015, 7, 5783-5799.	1.7	51
10	Asiatic Acid Reduces Blood Pressure by Enhancing Nitric Oxide Bioavailability with Modulation of eNOS and p47^{phox} Expression in <scp>l</scp>â€NAMEâ€induced Hypertensive Rats. Phytotherapy Research, 2014, 28, 1506-1512.	2.8	47
11	Asiatic acid alleviates cardiovascular remodelling in rats with Lâ€<scp>NAME</scp>â€induced hypertension. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 1189-1197.	0.9	47
12	Asiatic Acid Prevents the Deleterious Effects of Valproic Acid on Cognition and Hippocampal Cell Proliferation and Survival. Nutrients, 2016, 8, 303.	1.7	44
13	Hesperidin Suppresses Renin-Angiotensin System Mediated NOX2 Over-Expression and Sympathoexcitation in 2K-1C Hypertensive Rats. The American Journal of Chinese Medicine, 2018, 46, 751-767.	1.5	44
14	Nobiletin alleviates vascular alterations through modulation of Nrf-2/HO-1 and MMP pathways in<scp>l</scp>-NAME induced hypertensive rats. Food and Function, 2019, 10, 1880-1892.	2.1	43
15	Synergistic Antihypertensive Effect of Carthamus tinctorius L. Extract and Captopril in l-NAME-Induced Hypertensive Rats via Restoration of eNOS and AT1R Expression. Nutrients, 2016, 8, 122.	1.7	40
16	Hesperidin Prevents Nitric Oxide Deficiency-Induced Cardiovascular Remodeling in Rats via Suppressing TGF-Î²1 and MMPs Protein Expression. Nutrients, 2018, 10, 1549.	1.7	39
17	Effect of asiatic acid on the Ang II-AT1R-NADPH oxidase-NF-ÎºB pathway in renovascular hypertensive rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 1073-1083.	1.4	37
18	Asiatic acid attenuates renin-angiotensin system activation and improves vascular function in high-carbohydrate, high-fat diet fed rats. BMC Complementary and Alternative Medicine, 2016, 16, 123.	3.7	31

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19	Rice bran protein hydrolysates reduce arterial stiffening, vascular remodeling and oxidative stress in rats fed a high-carbohydrate and high-fat diet. European Journal of Nutrition, 2018, 57, 219-230.	1.8	29
20	Tetrahydrocurcumin in combination with deferiprone attenuates hypertension, vascular dysfunction, baroreflex dysfunction, and oxidative stress in iron-overloaded mice. Vascular Pharmacology, 2016, 87, 199-208.	1.0	28
21	Muscarinic acetylcholine receptor M1 and M3 subtypes mediate acetylcholine-induced endothelium-independent vasodilatation in rat mesenteric arteries. Journal of Pharmacological Sciences, 2016, 130, 24-32.	1.1	28
22	Nobiletin ameliorates high-fat diet-induced vascular and renal changes by reducing inflammation with modulating AdipoR1 and TGF-Î²1 expression in rats. Life Sciences, 2020, 260, 118398.	2.0	28
23	Raised tone reveals purinergic-mediated responses to sympathetic nerve stimulation in the rat perfused mesenteric vascular bed. European Journal of Pharmacology, 2007, 563, 180-186.	1.7	27
24	Virgin rice bran oil alleviates hypertension through the upregulation of eNOS and reduction of oxidative stress and inflammation in L-NAMEâ€“induced hypertensive rats. Nutrition, 2020, 69, 110575.	1.1	27
25	Nobiletin alleviates high-fat diet-induced nonalcoholic fatty liver disease by modulating AdipoR1 and gp91phox expression in rats. Journal of Nutritional Biochemistry, 2021, 87, 108526.	1.9	26
26	Garcinia mangostana pericarp extract protects against oxidative stress and cardiovascular remodeling via suppression of p47 phox and iNOS in nitric oxide deficient rats. Annals of Anatomy, 2017, 212, 27-36.	1.0	20
27	Tangeretin mitigates <scp>l</scp>-NAME-induced ventricular dysfunction and remodeling through the AT₁R/pERK1/2/pJNK signaling pathway in rats. Food and Function, 2020, 11, 1322-1333.	2.1	20
28	Curcumin Mitigates Hypertension, Endothelial Dysfunction and Oxidative Stress in Rats with Chronic Exposure to Lead and Cadmium. Tohoku Journal of Experimental Medicine, 2021, 253, 69-76.	0.5	19
29	Carthamus Tinctorius L. extract attenuates cardiac remodeling in L-NAME-induced hypertensive rats by inhibiting the NADPH oxidase-mediated TGF-Î²1 and MMP-9 pathway. Annals of Anatomy, 2019, 222, 120-128.	1.0	18
30	Diosmetin Ameliorates Vascular Dysfunction and Remodeling by Modulation of Nrf2/HO-1 and p-JNK/p-NF-ÎºB Expression in Hypertensive Rats. Antioxidants, 2021, 10, 1487.	2.2	18
31	Hesperidin ameliorates signs of the metabolic syndrome and cardiac dysfunction via IRS/Akt/GLUT4 signaling pathway in a rat model of diet-induced metabolic syndrome. European Journal of Nutrition, 2021, 60, 833-848.	1.8	16
32	Butterfly Pea Flower (Clitoria ternatea Linn.) Extract Ameliorates Cardiovascular Dysfunction and Oxidative Stress in Nitric Oxide-Deficient Hypertensive Rats. Antioxidants, 2021, 10, 523.	2.2	16
33	Galangin Resolves Cardiometabolic Disorders through Modulation of AdipoR1, COX-2, and NF-ÎºB Expression in Rats Fed a High-Fat Diet. Antioxidants, 2021, 10, 769.	2.2	16
34	Diosmetin attenuates metabolic syndrome and left ventricular alterations via the suppression of angiotensin II/AT1 receptor/gp^{91phox}/p-NF-ÎºB protein expression in high-fat diet fed rats. Food and Function, 2021, 12, 1469-1481.	2.1	14
35	Genistein Prevents Nitric Oxide Deficiency-Induced Cardiac Dysfunction and Remodeling in Rats. Antioxidants, 2021, 10, 237.	2.2	13
36	Do cholinergic nerves innervating rat mesenteric arteries regulate vascular tone?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R1147-R1156.	0.9	12

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37	Carthamus tinctorius L. extract improves hemodynamic and vascular alterations in a rat model of renovascular hypertension through Ang II-AT 1 R-NADPH oxidase pathway. Annals of Anatomy, 2018, 216, 82-89.	1.0	12
38	Galangin alleviates vascular dysfunction and remodelling through modulation of the TNF-R1, p-NF-ÎºB and VCAM-1 pathways in hypertensive rats. Life Sciences, 2021, 285, 119965.	2.0	12
39	Genistein alleviates renin-angiotensin system mediated vascular and kidney alterations in renovascular hypertensive rats. Biomedicine and Pharmacotherapy, 2022, 146, 112601.	2.5	11
40	Antihypertensive Effect and Safety Evaluation of Rice Bran Hydrolysates from Sang-Yod Rice. Plant Foods for Human Nutrition, 2020, 75, 89-95.	1.4	10
41	Vascular and Antioxidant Effects of an Aqueous Mentha cordifolia Extract in Experimental NG-Nitro-L-arginine Methyl Ester-Induced Hypertension. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2014, 69, 35-45.	0.6	9
42	Imperatorin alleviates metabolic and vascular alterations in high-fat/high-fructose diet-fed rats by modulating adiponectin receptor 1, eNOS, and p47phox expression. European Journal of Pharmacology, 2021, 899, 174010.	1.7	9
43	Tangeretin ameliorates erectile and testicular dysfunction in a rat model of hypertension. Reproductive Toxicology, 2020, 96, 1-10.	1.3	8
44	Hesperidin inhibits Lâ€NAMEâ€induced vascular and renal alterations in rats by suppressing the reninâ€“angiotensin system, transforming growth factorâ€Î²1, and oxidative stress. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 412-421.	0.9	8
45	Monitoring the biochemical alterations in hypertension affected salivary gland tissues using Fourier transform infrared hyperspectral imaging. Analyst, The, 2017, 142, 1269-1275.	1.7	6
46	Clitoria ternatea L. extract prevents kidney damage by suppressing the Ang II/Nox4/oxidative stress cascade in l-NAME-induced hypertension model of rats. Annals of Anatomy, 2021, 238, 151783.	1.0	6
47	Imperatorin attenuates cardiac remodelling and dysfunction in high-fat/high-fructose diet-fed rats by modulating oxidative stress, inflammation, and Nrf-2 expression. Tissue and Cell, 2022, 75, 101728.	1.0	6
48	Anti-cancer activity of asiatic acid against human cholangiocarcinoma cells through inhibition of proliferation and induction of apoptosis. Cellular and Molecular Biology, 2018, 64, 28-33.	0.3	6
49	Syzygium gratum Extract Alleviates Vascular Alterations in Hypertensive Rats. Medicina (Lithuania), 2020, 56, 509.	0.8	5
50	Cratoxylum Formosum extract exhibits antihypertensive effects via suppressing the renin-angiotensin cascade in hypertensive rats. Journal of Functional Foods, 2020, 73, 104137.	1.6	5
51	Cardiorenal dysfunction and hypertrophy induced by renal artery occlusion are normalized by galangin treatment in rats. Biomedicine and Pharmacotherapy, 2022, 152, 113231.	2.5	5
52	Clitoria ternatea (Linn.) flower extract attenuates vascular dysfunction and cardiac hypertrophy via modulation of Ang <scp>II</scp>/<scp>AT₁R</scp>/<scp>TGF</scp>â€Î²1 cascade in hypertensive rats. Journal of the Science of Food and Agriculture, 2022, 102, 2253-2261.	1.7	3
53	Nobiletin resolves left ventricular and renal changes in 2K-1C hypertensive rats. Scientific Reports, 2022, 12, .	1.6	3
54	Cratoxylum formosum dyer extract alleviates testicular damage in hypertensive rats. Andrologia, 2021, 53, e13917.	1.0	1