

Poungnat Pakdeechote

List of Publications by Year in descending order

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54
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citations

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docs citations

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Antioxidant and vascular protective effects of curcumin and tetrahydrocurcumin in rats with L-NAME-induced hypertension. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 519-529. | 3.0 | 126 |
| 2 | Curcumin improves endothelial dysfunction and vascular remodeling in 2K-1C hypertensive rats by raising nitric oxide availability and reducing oxidative stress. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 42, 44-53. | 2.7 | 86 |
| 3 | Asiatic Acid Alleviates Hemodynamic and Metabolic Alterations via Restoring eNOS/iNOS Expression, Oxidative Stress, and Inflammation in Diet-Induced Metabolic Syndrome Rats. <i>Nutrients</i> , 2014, 6, 355-370. | 4.1 | 85 |
| 4 | Protective effects of quercetin against phenylhydrazine-induced vascular dysfunction and oxidative stress in rats. <i>Food and Chemical Toxicology</i> , 2007, 45, 448-455. | 3.6 | 83 |
| 5 | Ferulic Acid Alleviates Changes in a Rat Model of Metabolic Syndrome Induced by High-Carbohydrate, High-Fat Diet. <i>Nutrients</i> , 2015, 7, 6446-6464. | 4.1 | 73 |
| 6 | Tetrahydrocurcumin alleviates hypertension, aortic stiffening and oxidative stress in rats with nitric oxide deficiency. <i>Hypertension Research</i> , 2012, 35, 418-425. | 2.7 | 72 |
| 7 | Ellagic Acid Prevents L-NAME-Induced Hypertension via Restoration of eNOS and p47phox Expression in Rats. <i>Nutrients</i> , 2015, 7, 5265-5280. | 4.1 | 67 |
| 8 | Tetrahydrocurcumin Protects against Cadmium-Induced Hypertension, Raised Arterial Stiffness and Vascular Remodeling in Mice. <i>PLoS ONE</i> , 2014, 9, e114908. | 2.5 | 54 |
| 9 | Peptides-Derived from Thai Rice Bran Improves Endothelial Function in 2K-1C Renovascular Hypertensive Rats. <i>Nutrients</i> , 2015, 7, 5783-5799. | 4.1 | 51 |
| 10 | Asiatic Acid Reduces Blood Pressure by Enhancing Nitric Oxide Bioavailability with Modulation of eNOS and p47 ^{phox} Expression in L-NAME-Induced Hypertensive Rats. <i>Phytotherapy Research</i> , 2014, 28, 1506-1512. | 5.8 | 47 |
| 11 | Asiatic acid alleviates cardiovascular remodelling in rats with L-NAME-induced hypertension. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 1189-1197. | 1.9 | 47 |
| 12 | Asiatic Acid Prevents the Deleterious Effects of Valproic Acid on Cognition and Hippocampal Cell Proliferation and Survival. <i>Nutrients</i> , 2016, 8, 303. | 4.1 | 44 |
| 13 | Hesperidin Suppresses Renin-Angiotensin System Mediated NOX2 Over-Expression and Sympathoexcitation in 2K-1C Hypertensive Rats. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 751-767. | 3.8 | 44 |
| 14 | Nobiletin alleviates vascular alterations through modulation of Nrf-2/HO-1 and MMP pathways in L-NAME induced hypertensive rats. <i>Food and Function</i> , 2019, 10, 1880-1892. | 4.6 | 43 |
| 15 | Synergistic Antihypertensive Effect of <i>Carthamus tinctorius</i> L. Extract and Captopril in L-NAME-Induced Hypertensive Rats via Restoration of eNOS and AT1R Expression. <i>Nutrients</i> , 2016, 8, 122. | 4.1 | 40 |
| 16 | Hesperidin Prevents Nitric Oxide Deficiency-Induced Cardiovascular Remodeling in Rats via Suppressing TGF- β 1 and MMPs Protein Expression. <i>Nutrients</i> , 2018, 10, 1549. | 4.1 | 39 |
| 17 | Effect of asiatic acid on the Ang II-AT1R-NADPH oxidase-NF- κ B pathway in renovascular hypertensive rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 1073-1083. | 3.0 | 37 |
| 18 | Asiatic acid attenuates renin-angiotensin system activation and improves vascular function in high-carbohydrate, high-fat diet fed rats. <i>BMC Complementary and Alternative Medicine</i> , 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. <i>European Journal of Nutrition</i> , 2018, 57, 219-230. | 3.9 | 29 |
| 20 | Tetrahydrocurcumin in combination with deferiprone attenuates hypertension, vascular dysfunction, baroreflex dysfunction, and oxidative stress in iron-overloaded mice. <i>Vascular Pharmacology</i> , 2016, 87, 199-208. | 2.1 | 28 |
| 21 | Muscarinic acetylcholine receptor M1 and M3 subtypes mediate acetylcholine-induced endothelium-independent vasodilatation in rat mesenteric arteries. <i>Journal of Pharmacological Sciences</i> , 2016, 130, 24-32. | 2.5 | 28 |
| 22 | Nobiletin ameliorates high-fat diet-induced vascular and renal changes by reducing inflammation with modulating AdipoR1 and TGF- β 1 expression in rats. <i>Life Sciences</i> , 2020, 260, 118398. | 4.3 | 28 |
| 23 | Raised tone reveals purinergic-mediated responses to sympathetic nerve stimulation in the rat perfused mesenteric vascular bed. <i>European Journal of Pharmacology</i> , 2007, 563, 180-186. | 3.5 | 27 |
| 24 | Virgin rice bran oil alleviates hypertension through the upregulation of eNOS and reduction of oxidative stress and inflammation in L-NAME-induced hypertensive rats. <i>Nutrition</i> , 2020, 69, 110575. | 2.4 | 27 |
| 25 | Nobiletin alleviates high-fat diet-induced nonalcoholic fatty liver disease by modulating AdipoR1 and gp91phox expression in rats. <i>Journal of Nutritional Biochemistry</i> , 2021, 87, 108526. | 4.2 | 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. <i>Annals of Anatomy</i> , 2017, 212, 27-36. | 1.9 | 20 |
| 27 | Tangeretin mitigates L-NAME-induced ventricular dysfunction and remodeling through the AT ₁ /pERK1/2/pJNK signaling pathway in rats. <i>Food and Function</i> , 2020, 11, 1322-1333. | 4.6 | 20 |
| 28 | Curcumin Mitigates Hypertension, Endothelial Dysfunction and Oxidative Stress in Rats with Chronic Exposure to Lead and Cadmium. <i>Tohoku Journal of Experimental Medicine</i> , 2021, 253, 69-76. | 1.2 | 19 |
| 29 | Carthamus Tinctorius L. extract attenuates cardiac remodeling in L-NAME-induced hypertensive rats by inhibiting the NADPH oxidase-mediated TGF- β 1 and MMP-9 pathway. <i>Annals of Anatomy</i> , 2019, 222, 120-128. | 1.9 | 18 |
| 30 | Diosmetin Ameliorates Vascular Dysfunction and Remodeling by Modulation of Nrf2/HO-1 and p-JNK/p-NF- κ B Expression in Hypertensive Rats. <i>Antioxidants</i> , 2021, 10, 1487. | 5.1 | 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. <i>European Journal of Nutrition</i> , 2021, 60, 833-848. | 3.9 | 16 |
| 32 | Butterfly Pea Flower (<i>Clitoria ternatea</i> Linn.) Extract Ameliorates Cardiovascular Dysfunction and Oxidative Stress in Nitric Oxide-Deficient Hypertensive Rats. <i>Antioxidants</i> , 2021, 10, 523. | 5.1 | 16 |
| 33 | Galangin Resolves Cardiometabolic Disorders through Modulation of AdipoR1, COX-2, and NF- κ B Expression in Rats Fed a High-Fat Diet. <i>Antioxidants</i> , 2021, 10, 769. | 5.1 | 16 |
| 34 | Diosmetin attenuates metabolic syndrome and left ventricular alterations via the suppression of angiotensin II/AT ₁ receptor/gp91phox/p-NF- κ B protein expression in high-fat diet fed rats. <i>Food and Function</i> , 2021, 12, 1469-1481. | 4.6 | 14 |
| 35 | Genistein Prevents Nitric Oxide Deficiency-Induced Cardiac Dysfunction and Remodeling in Rats. <i>Antioxidants</i> , 2021, 10, 237. | 5.1 | 13 |
| 36 | Do cholinergic nerves innervating rat mesenteric arteries regulate vascular tone?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R1147-R1156. | 1.8 | 12 |

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|----|---|-----|-----------|
| 37 | <i>Carthamus tinctorius</i> L. extract improves hemodynamic and vascular alterations in a rat model of renovascular hypertension through Ang II-AT 1 R-NADPH oxidase pathway. <i>Annals of Anatomy</i> , 2018, 216, 82-89. | 1.9 | 12 |
| 38 | Galangin alleviates vascular dysfunction and remodelling through modulation of the TNF-R1, p-NF- κ B and VCAM-1 pathways in hypertensive rats. <i>Life Sciences</i> , 2021, 285, 119965. | 4.3 | 12 |
| 39 | Genistein alleviates renin-angiotensin system mediated vascular and kidney alterations in renovascular hypertensive rats. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112601. | 5.6 | 11 |
| 40 | Antihypertensive Effect and Safety Evaluation of Rice Bran Hydrolysates from Sang-Yod Rice. <i>Plant Foods for Human Nutrition</i> , 2020, 75, 89-95. | 3.2 | 10 |
| 41 | Vascular and Antioxidant Effects of an Aqueous <i>Mentha cordifolia</i> Extract in Experimental NG-Nitro-L-arginine Methyl Ester-Induced Hypertension. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2014, 69, 35-45. | 1.4 | 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. <i>European Journal of Pharmacology</i> , 2021, 899, 174010. | 3.5 | 9 |
| 43 | Tangeretin ameliorates erectile and testicular dysfunction in a rat model of hypertension. <i>Reproductive Toxicology</i> , 2020, 96, 1-10. | 2.9 | 8 |
| 44 | Hesperidin inhibits L-NAME-induced vascular and renal alterations in rats by suppressing the renin-angiotensin system, transforming growth factor- β 1, and oxidative stress. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 412-421. | 1.9 | 8 |
| 45 | Monitoring the biochemical alterations in hypertension affected salivary gland tissues using Fourier transform infrared hyperspectral imaging. <i>Analyst, The</i> , 2017, 142, 1269-1275. | 3.5 | 6 |
| 46 | <i>Clitoria ternatea</i> L. extract prevents kidney damage by suppressing the Ang II/Nox4/oxidative stress cascade in L-NAME-induced hypertension model of rats. <i>Annals of Anatomy</i> , 2021, 238, 151783. | 1.9 | 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. <i>Tissue and Cell</i> , 2022, 75, 101728. | 2.2 | 6 |
| 48 | Anti-cancer activity of asiatic acid against human cholangiocarcinoma cells through inhibition of proliferation and induction of apoptosis. <i>Cellular and Molecular Biology</i> , 2018, 64, 28-33. | 0.9 | 6 |
| 49 | <i>Syzygium gratum</i> Extract Alleviates Vascular Alterations in Hypertensive Rats. <i>Medicina (Lithuania)</i> , 2020, 56, 509. | 2.0 | 5 |
| 50 | <i>Cratogeomys formosus</i> extract exhibits antihypertensive effects via suppressing the renin-angiotensin cascade in hypertensive rats. <i>Journal of Functional Foods</i> , 2020, 73, 104137. | 3.4 | 5 |
| 51 | Cardiorenal dysfunction and hypertrophy induced by renal artery occlusion are normalized by galangin treatment in rats. <i>Biomedicine and Pharmacotherapy</i> , 2022, 152, 113231. | 5.6 | 5 |
| 52 | <i>Clitoria ternatea</i> (Linn.) flower extract attenuates vascular dysfunction and cardiac hypertrophy via modulation of Ang II/AT ₁ R/TGF- β 1 cascade in hypertensive rats. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 2253-2261. | 3.5 | 3 |
| 53 | Nobiletin resolves left ventricular and renal changes in 2K-1C hypertensive rats. <i>Scientific Reports</i> , 2022, 12, . | 3.3 | 3 |
| 54 | <i>Cratogeomys formosus</i> dyer extract alleviates testicular damage in hypertensive rats. <i>Andrologia</i> , 2021, 53, e13917. | 2.1 | 1 |