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List of Publications by Year
in descending order

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75 papers	1,501 citations	279487 23 h-index	360668 35 g-index
75 all docs	75 docs citations	75 times ranked	2025 citing authors

#	Article	IF	Citations
1	Quercetin Protects against Diabetes-Induced Exaggerated Vasoconstriction in Rats: Effect on Low Grade Inflammation. PLoS ONE, 2013, 8, e63784.	1.1	114
2	Cinnamaldehyde protects from the hypertension associated with diabetes. Food and Chemical Toxicology, 2011, 49, 3007-3012.	1.8	82
3	Arginase inhibition alleviates hypertension associated with diabetes: Effect on endothelial dependent relaxation and NO production. Vascular Pharmacology, 2012, 57, 194-200.	1.0	67
4	Arginase inhibition alleviates hypertension in the metabolic syndrome. British Journal of Pharmacology, 2013, 169, 693-703.	2.7	67
5	Chrysin and Luteolin Attenuate Diabetesâ€Induced Impairment in Endothelialâ€Dependent Relaxation: Effect on Lipid Profile, AGEs and NO Generation. Phytotherapy Research, 2013, 27, 1678-1684.	2.8	55
6	Phenolics from Garcinia mangostana Inhibit Advanced Glycation Endproducts Formation: Effect on Amadori Products, Cross-Linked Structures and Protein Thiols. Molecules, 2016, 21, 251.	1.7	53
7	Mangostanaxanthones III and IV: advanced glycation end-product inhibitors from the pericarp of Garcinia mangostana. Journal of Natural Medicines, 2017, 71, 216-226.	1.1	42
8	Caffeic acid phenethyl ester, a 5-lipoxygenase enzyme inhibitor, alleviates diabetic atherosclerotic manifestations: Effect on vascular reactivity and stiffness. Chemico-Biological Interactions, 2014, 213, 28-36.	1.7	41
9	Phenolics from Garcinia mangostana alleviate exaggerated vasoconstriction in metabolic syndrome through direct vasodilatation and nitric oxide generation. BMC Complementary and Alternative Medicine, 2016, 16, 359.	3.7	40
10	Gingerol Synergizes the Cytotoxic Effects of Doxorubicin against Liver Cancer Cells and Protects from Its Vascular Toxicity. Molecules, 2016, 21, 886.	1.7	39
11	Chrysin and Luteolin Alleviate Vascular Complications Associated with Insulin Resistance Mainly Through PPAR-Î³ Activation. The American Journal of Chinese Medicine, 2014, 42, 1153-1167.	1.5	38
12	Geraniol improves the impaired vascular reactivity in diabetes and metabolic syndrome through calcium channel blocking effect. Journal of Diabetes and Its Complications, 2016, 30, 1008-1016.	1.2	38
13	Baicalein protects against hypertension associated with diabetes: Effect on vascular reactivity and stiffness. Phytomedicine, 2014, 21, 1742-1745.	2.3	37
14	Pentoxifylline alleviates vascular impairment in insulin resistance via TNF-Î± inhibition. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 277-285.	1.4	36
15	Heme oxygenase-1 induction protects against hypertension associated with diabetes: effect on exaggerated vascular contractility. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 217-226.	1.4	35
16	Ferulic acid, a natural polyphenol, alleviates insulin resistance and hypertension in fructose fed rats: Effect on endothelial-dependent relaxation. Chemico-Biological Interactions, 2016, 254, 191-197.	1.7	35
17	Anti-inflammatory effect of atorvastatin on vascular reactivity and insulin resistance in fructose fed rats. Archives of Pharmacal Research, 2012, 35, 155-162.	2.7	32
18	Allopurinol alleviates hypertension and proteinuria in high fructose, high salt and high fat induced model of metabolic syndrome. Translational Research, 2015, 165, 621-630.	2.2	32

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19	Xanthine oxidase inhibition alleviates the cardiac complications of insulin resistance: effect on low grade inflammation and the angiotensin system. Journal of Translational Medicine, 2015, 13, 82.	1.8	30
20	Aldose reductase inhibitors zopolrestat and ferulic acid alleviate hypertension associated with diabetes: effect on vascular reactivity. Canadian Journal of Physiology and Pharmacology, 2013, 91, 101-107.	0.7	29
21	Haem oxygenaseâ€1 induction protects against tumour necrosis factor Î± impairment of endothelialâ€dependent relaxation in rat isolated pulmonary artery. British Journal of Pharmacology, 2009, 158, 1527-1535.	2.7	27
22	Geraniol alleviates diabetic cardiac complications: Effect on cardiac ischemia and oxidative stress. Biomedicine and Pharmacotherapy, 2017, 88, 1025-1030.	2.5	25
23	Pentoxifylline Alleviates Cardiac Ischemia and Dysfunction Following Experimental Angina in Insulin Resistance. PLoS ONE, 2014, 9, e98281.	1.1	24
24	Characterization of vascular complications in experimental model of fructose-induced metabolic syndrome. Toxicology Mechanisms and Methods, 2014, 24, 536-543.	1.3	24
25	PARP-1 inhibition alleviates diabetic cardiac complications in experimental animals. European Journal of Pharmacology, 2016, 791, 444-454.	1.7	24
26	6-Gingerol alleviates exaggerated vasoconstriction in diabetic rat aorta through direct vasodilation and nitric oxide generation. Drug Design, Development and Therapy, 2015, 9, 6019.	2.0	23
27	Limonin alleviates macro- and micro-vascular complications of metabolic syndrome in rats: A comparative study with azelnidipine. Phytomedicine, 2018, 43, 92-102.	2.3	22
28	PARP inhibition ameliorates nephropathy in an animal model of type 2 diabetes: focus on oxidative stress, inflammation, and fibrosis. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 621-631.	1.4	20
29	Despite Blocking Doxorubicin-Induced Vascular Damage, Quercetin Ameliorates Its Antibreast Cancer Activity. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	1.9	20
30	Cardioprotection by 6-gingerol in diabetic rats. Biochemical and Biophysical Research Communications, 2016, 477, 908-914.	1.0	19
31	Pentoxifylline alleviates hypertension in metabolic syndrome: effect on low-grade inflammation and angiotensin system. Journal of Endocrinological Investigation, 2015, 38, 437-445.	1.8	18
32	Protective effect of zingerone on increased vascular contractility in diabetic rat aorta. European Journal of Pharmacology, 2016, 780, 174-179.	1.7	16
33	The vasodilatory effect of allopurinol mediates its antihypertensive effect: Effects on calcium movement and cardiac hemodynamics. Biomedicine and Pharmacotherapy, 2018, 100, 381-387.	2.5	16
34	Heme oxygenase-1 alleviates vascular complications associated with metabolic syndrome: Effect on endothelial dependent relaxation and NO production. Chemico-Biological Interactions, 2014, 223, 109-115.	1.7	15
35	Ginger Ingredients Alleviate Diabetic Prostatic Complications: Effect on Oxidative Stress and Fibrosis. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-12.	0.5	15
36	Cyclosporine A exhibits gender-specific nephrotoxicity in rats: Effect on renal tissue inflammation. Biochemical and Biophysical Research Communications, 2018, 495, 468-472.	1.0	15

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37	Modulation of preeclampsia by the cholinergic anti-inflammatory pathway: Therapeutic perspectives. Biochemical Pharmacology, 2021, 192, 114703.	2.0	15
38	Major flavonoids from Psiadia punctulata produce vasodilation via activation of endothelial dependent NO signaling. Journal of Advanced Research, 2020, 24, 273-279.	4.4	14
39	Curcumin attenuates fructose-induced vascular dysfunction of isolated rat thoracic aorta rings. Pharmaceutical Biology, 2014, 52, 972-977.	1.3	13
40	Arginase overexpression and NADPH oxidase stimulation underlie impaired vasodilation induced by advanced glycation end products. Biochemical and Biophysical Research Communications, 2018, 499, 992-997.	1.0	13
41	Zingerone alleviates the delayed ventricular repolarization and AV conduction in diabetes: Effect on cardiac fibrosis and inflammation. PLoS ONE, 2017, 12, e0189074.	1.1	13
42	Rosiglitazone, a peroxisome proliferatorâ€activated receptor Î³ stimulant, abrogates diabetesâ€evoked hypertension by rectifying abnormalities in vascular reactivity. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 643-649.	0.9	12
43	Rp-HPLC Determination of Quercetin in a Novel D-Î±-Tocopherol Polyethylene Glycol 1000 Succinate Based SNEDDS Formulation: Pharmacokinetics in Rat Plasma. Molecules, 2021, 26, 1435.	1.7	12
44	Ameliorative Effect of Allopurinol on Vascular Complications of Insulin Resistance. Journal of Diabetes Research, 2015, 2015, 1-10.	1.0	11
45	Enhanced calcium entry via activation of NOX/PKC underlies increased vasoconstriction induced by methylglyoxal. Biochemical and Biophysical Research Communications, 2018, 506, 1013-1018.	1.0	11
46	Psiadia punctulata major flavonoids alleviate exaggerated vasoconstriction produced by advanced glycation end products. PLoS ONE, 2019, 14, e0222101.	1.1	11
47	Perinatal ciclosporin A exposure elicits sex-related cardiac dysfunction and inflammation in the rat progeny. Toxicology Letters, 2017, 281, 35-43.	0.4	10
48	The inflammatory state provokes sexual dimorphism in left ventricular and electrocardiographic effects of chronic cyclosporine in rats. Scientific Reports, 2017, 7, 42457.	1.6	10
49	Interference with TGFÎ²1-Mediated Inflammation and Fibrosis Underlies Reno-Protective Effects of the CB1 Receptor Neutral Antagonists AM6545 and AM4113 in a Rat Model of Metabolic Syndrome. Molecules, 2021, 26, 866.	1.7	10
50	Targeting AGEs Signaling Ameliorates Central Nervous System Diabetic Complications in Rats. Advances in Pharmacological Sciences, 2015, 2015, 1-9.	3.7	9
51	Cinnamaldehyde protects from methylglyoxalâ€induced vascular damage: Effect on nitric oxide and advanced glycation end products. Journal of Food Biochemistry, 2019, 43, e12907.	1.2	9
52	Effects of the CB1 Receptor Antagonists AM6545 and AM4113 on Insulin Resistance in a High-Fructose High-Salt Rat Model of Metabolic Syndrome. Medicina (Lithuania), 2020, 56, 573.	0.8	9
53	Interference with AGEs formation and AGEs-induced vascular injury mediates curcumin vascular protection in metabolic syndrome. Scientific Reports, 2020, 10, 315.	1.6	8
54	Self-Nanoemulsifying Drug Delivery System Loaded with Psiadia punctulata Major Metabolites for Hypertensive Emergencies: Effect on Hemodynamics and Cardiac Conductance. Frontiers in Pharmacology, 2021, 12, 681070.	1.6	8

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55	The possible antianginal effect of allopurinol in vasopressin-induced ischemic model in rats. Saudi Pharmaceutical Journal, 2015, 23, 487-498.	1.2	7
56	Ajwa Nanopreparation Prevents Doxorubicin-Associated Cardiac Dysfunction: Effect on Cardiac Ischemia and Antioxidant Capacity. Integrative Cancer Therapies, 2019, 18, 153473541986235.	0.8	7
57	A Nano-Pharmaceutical Formula of Quercetin Protects from Cardiovascular Complications Associated with Metabolic Syndrome. Frontiers in Pharmacology, 2021, 12, 696981.	1.6	7
58	Antiglycation Activities and Common Mechanisms Mediating Vasculoprotective Effect of Quercetin and Chrysin in Metabolic Syndrome. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-12.	0.5	5
59	Mentha longifolia alleviates experimentally induced angina via decreasing cardiac load. Journal of Food Biochemistry, 2019, 43, e12702.	1.2	3
60	Nitric-Oxide-Mediated Vasodilation of Bioactive Compounds Isolated from Hypericum revolutum in Rat Aorta. Biology, 2021, 10, 541.	1.3	3
61	NORMAL VASCULAR REACTIVITY IS RESTORED BY APIGENIN IN DIABETIC RATS. International Journal of Pharmacy and Pharmaceutical Sciences, 2018, 10, 27.	0.3	2
62	Protein Kinase C Plays an Important Role in Exaggerated Vasoconstriction Associated with Insulin Deficiency but not Resistance. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2015, 85, 807-814.	0.4	1
63	Furanoeremophilanes from Euryops arabicus alleviate metabolic syndrome-associated exaggerated vasoconstriction via direct vasodilatation. Phytochemistry Letters, 2019, 32, 15-22.	0.6	1
64	APIGENIN RESTORES NORMAL VASCULAR REACTIVITY IN DIABETIC RATS VIA PROTEIN KINASE C INHIBITION. Zagazig University Medical Journal, 2014, 20, 1-5.	0.0	1
65	Abstract 263: Epicatechin protects from doxorubicin induced cardiotoxicity without affecting its cytotoxic profile in breast cancer cells. Cancer Research, 2016, 76, 263-263.	0.4	1
66	PP.33.22. Journal of Hypertension, 2015, 33, e434-e435.	0.3	0
67	PP.14.14. Journal of Hypertension, 2015, 33, e249.	0.3	0
68	Protective role of PPARÎ³ receptors against vascular dysfunction associated with insulin resistance. FASEB Journal, 2011, 25, lb536.	0.2	0
69	Rosiglitazone prevents insulin deficiecy induced hypertension in rats. FASEB Journal, 2011, 25, 1021.13.	0.2	0
70	Atorvastatin protects against aorta contractility impairment in insulinâ€resistant rats. FASEB Journal, 2011, 25, lb373.	0.2	0
71	Abstract 260: Quercetin protects from doxorubicin induced vascular toxicity but impairs its cytotoxic profile in breast cancer cells. , 2016, , .		0
72	Abstract 2181: Chemotherapeutic, chemomodulatory and vascular protective effects of naturally occurring hydroxyphenylalkanes and diarylheptanoids. , 2016, , .		0

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73	Pentoxifylline Alleviates Proteinuria in Fructose Model of Metabolic Syndrome. Letters in Drug Design and Discovery, 2017, 14, 287-292.	0.4	0
74	Abstract 4930: Epicatechin alleviates DOX-induced cardiovascular toxicity and improves its cytotoxic profile against breast cancer cells. , 2018, , .		0
75	Renal oxidative stress and inflammatory response in perinatal Cyclosporine-A exposed rat progeny and its relation to gender. Journal of Microscopy and Ultrastructure, 2019, 7, 44.	0.1	0