

Mona Fouad Mahmoud

List of Publications by Year in descending order

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79
papers

1,881
citations

218381
26
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301761
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docs citations

79
times ranked

2677
citing authors

#	ARTICLE	IF	CITATIONS
1	Syzygium jambos L. Alston: An Insight Into its Phytochemistry, Traditional Uses, and Pharmacological Properties. <i>Frontiers in Pharmacology</i> , 2022, 13, 786712.	1.6	13
2	Mitigation of dexamethasone-induced nephrotoxicity by modulating the activity of adrenergic receptors: Implication of Wnt/ β -arrestin2/ β -catenin pathway. <i>Life Sciences</i> , 2022, 293, 120304.	2.0	5
3	Pentagalloyl Glucose, a Major Compound in Mango Seed Kernel, Exhibits Distinct Gastroprotective Effects in Indomethacin-Induced Gastropathy in Rats via Modulating the NO/eNOS/iNOS Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2022, 13, 800986.	1.6	6
4	Coriander Oil Reverses Dexamethasone-Induced Insulin Resistance in Rats. <i>Antioxidants</i> , 2022, 11, 441.	2.2	9
5	Syzygium samarangense leaf extract exhibits distinct antidiabetic activities: Evidences from in silico and in vivo studies. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103822.	2.3	3
6	Empowering the Internet of Things Using Light Communication and Distributed Edge Computing. <i>Electronics (Switzerland)</i> , 2022, 11, 1511.	1.8	4
7	Watery Rose Apple: A Comprehensive Review of Its Traditional Uses, Nutritional Value, Phytochemistry, and Therapeutic Merits against Inflammation-Related Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	1.9	6
8	Unraveling the Phytochemistry, Traditional Uses, and Biological and Pharmacological Activities of <i>Thymus algeriensis</i> Boiss. & Reut. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-39.	1.9	10
9	Quercetin and lithium chloride potentiate the protective effects of carvedilol against renal ischemia-reperfusion injury in high-fructose, high-fat diet-fed Swiss albino mice independent of renal lipid signaling. <i>Chemico-Biological Interactions</i> , 2021, 333, 109307.	1.7	8
10	The renoprotective effect of glycyrrhizic acid in insulin-resistant rats exposed to aluminum involves the inhibition of TLR4/NF- κ B signaling pathway. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 863-872.	1.4	10
11	Phytochemistry, Pharmacology and Medicinal Uses of Plants of the Genus <i>Salix</i> : An Updated Review. <i>Frontiers in Pharmacology</i> , 2021, 12, 593856.	1.6	47
12	Syzygium samarangense leaf extract mitigates indomethacin-induced gastropathy via the NF- κ B signaling pathway in rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111675.	2.5	18
13	Anti-Inflammatory, Antipyretic, and Analgesic Properties of <i>Potamogeton perfoliatus</i> Extract: In Vitro and In Vivo Study. <i>Molecules</i> , 2021, 26, 4826.	1.7	5
14	Acute and chronic metabolic effects of carvedilol in high-fructose, high fat diet-fed mice: Implication of β -arrestin2 pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, , 1-10.	0.7	1
15	Syzygium jambos extract mitigates pancreatic oxidative stress, inflammation and apoptosis and modulates hepatic IRS-2/AKT/GLUT4 signaling pathway in streptozotocin-induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112085.	2.5	13
16	Rimonabant ameliorates hepatic ischemia/reperfusion injury in rats: Involvement of autophagy via modulating ERK- and PI3K/AKT-mTOR pathways. <i>International Immunopharmacology</i> , 2021, 100, 108140.	1.7	15
17	Gastro-Protective Effects of <i>Albizia anthelmintica</i> Leaf Extract on Indomethacin-Induced Gastric Ulcer in Wistar Rats: In Silico and In Vivo Studies. <i>Antioxidants</i> , 2021, 10, 176.	2.2	16
18	Propranolol and low-dose isoproterenol ameliorate insulin resistance, enhance β -arrestin2 signaling, and reduce cardiac remodeling in high-fructose, high-fat diet-fed mice: Comparative study with metformin. <i>Life Sciences</i> , 2021, 286, 120055.	2.0	6

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19	Syzygium aqueum (Burm.f.) Alston Prevents Streptozotocin-Induced Pancreatic Beta Cells Damage via the TLR-4 Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 769244.	1.6	4
20	Adaptive Transceiver Architecture With QoS Provision for OCDMA Network Based on Logic Gates. <i>IEEE Access</i> , 2021, 9, 151089-151109.	2.6	2
21	Potamogeton perfoliatus L. Extract Attenuates Neuroinflammation and Neuropathic Pain in Sciatic Nerve Chronic Constriction Injury-Induced Peripheral Neuropathy in Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 799444.	1.6	5
22	Thymus algeriensis and Thymus fontanesii exert neuroprotective effect against chronic constriction injury-induced neuropathic pain in rats. <i>Scientific Reports</i> , 2020, 10, 20559.	1.6	13
23	Haematoxylon campechianum Extract Ameliorates Neuropathic Pain via Inhibition of NF- κ B/TNF- α /NOX/iNOS Signalling Pathway in a Rat Model of Chronic Constriction Injury. <i>Biomolecules</i> , 2020, 10, 386.	1.8	13
24	Antidepressant activity of anti-hyperglycemic agents in experimental models: A review. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 1179-1186.	1.8	17
25	Carvedilol Diminishes Cardiac Remodeling Induced by High-Fructose/High-Fat Diet in Mice via Enhancing Cardiac β -Arrestin2 Signaling. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020, 25, 354-363.	1.0	14
26	Impact of some oral hypoglycemic agents on type 2 diabetes-associated depression and reserpine-induced depression in rats: the role of brain oxidative stress and inflammation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1391-1404.	1.4	20
27	The concurrent exposure to aluminium and fructose induces liver injury in rats: Protection by monoammonium glycyrrhizinate. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 809-820.	0.9	2
28	Prolonged overnutrition with fructose or fat induces metabolic derangements in rats by disrupting the crosstalk between the hypothalamus and periphery: Possible amelioration with fenofibrate. <i>European Journal of Pharmacology</i> , 2020, 879, 173136.	1.7	8
29	Thymus algeriensis and Thymus fontanesii: Chemical Composition, In Vivo Antiinflammatory, Pain Killing and Antipyretic Activities: A Comprehensive Comparison. <i>Biomolecules</i> , 2020, 10, 599.	1.8	26
30	Characterization of phenolic compounds from Eugenia supra-axillaris leaf extract using HPLC-PDA-MS/MS and its antioxidant, anti-inflammatory, antipyretic and pain killing activities in vivo. <i>Scientific Reports</i> , 2019, 9, 11122.	1.6	21
31	Effects of diosmin and crocin on metabolic syndrome-associated cardio-vascular complications in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 1523-1536.	1.4	9
32	Salix tetrasperma Roxb. Extract Alleviates Neuropathic Pain in Rats via Modulation of the NF- κ B/TNF- α /NOX/iNOS Pathway. <i>Antioxidants</i> , 2019, 8, 482.	2.2	20
33	Carvedilol protects against hepatic ischemia/reperfusion injury in high-fructose/high-fat diet-fed mice: Role of G protein-coupled receptor kinase 2 and 5. <i>Toxicology and Applied Pharmacology</i> , 2019, 382, 114750.	1.3	10
34	Glycyrrhizic acid and silymarin alleviate the neurotoxic effects of aluminum in rats challenged with fructose-induced insulin resistance: possible role of toll-like receptor 4 pathway. <i>Drug and Chemical Toxicology</i> , 2019, 42, 210-219.	1.2	19
35	Chemical profiling of secondary metabolites of Eugenia uniflora and their antioxidant, anti-inflammatory, pain killing and anti-diabetic activities: A comprehensive approach. <i>Journal of Ethnopharmacology</i> , 2019, 240, 111939.	2.0	46
36	Chemical composition, antioxidant and hepatoprotective activities of methanol extracts from leaves of <i>Terminalia bellirica</i> and <i>Terminalia sericea</i> (Combretaceae). <i>PeerJ</i> , 2019, 7, e6322.	0.9	29

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37	<i>Albizia anthelmintica</i> : HPLC-MS/MS profiling and in vivo anti-inflammatory, pain killing and antipyretic activities of its leaf extract. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108882.	2.5	23
38	Beta-caryophyllene alleviates diet-induced neurobehavioral changes in rats: The role of CB2 and PPAR- β receptors. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 145-154.	2.5	59
39	Beta-caryophyllene protects against diet-induced dyslipidemia and vascular inflammation in rats: Involvement of CB2 and PPAR- β receptors. <i>Chemico-Biological Interactions</i> , 2019, 297, 16-24.	1.7	61
40	Diosmin and crocin alleviate nephropathy in metabolic syndrome rat model: Effect on oxidative stress and low grade inflammation. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 930-937.	2.5	24
41	The vasodilatory effect of allopurinol mediates its antihypertensive effect: Effects on calcium movement and cardiac hemodynamics. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 381-387.	2.5	16
42	Limonin alleviates macro- and micro-vascular complications of metabolic syndrome in rats: A comparative study with azelnidipine. <i>Phytomedicine</i> , 2018, 43, 92-102.	2.3	22
43	A proanthocyanidin-rich extract from <i>Cassia abbreviata</i> exhibits antioxidant and hepatoprotective activities in vivo. <i>Journal of Ethnopharmacology</i> , 2018, 213, 38-47.	2.0	70
44	HPLC-ESI-MS/MS Profiling of Polyphenolics of a Leaf Extract from <i>Alpinia zerumbet</i> (Zingiberaceae) and Its Anti-Inflammatory, Anti-Nociceptive, and Antipyretic Activities In Vivo. <i>Molecules</i> , 2018, 23, 3238.	1.7	46
45	Tannin-rich extracts from <i>Lannea stuhlmannii</i> and <i>Lannea humilis</i> (Anacardiaceae) exhibit hepatoprotective activities in vivo via enhancement of the anti-apoptotic protein Bcl-2. <i>Scientific Reports</i> , 2018, 8, 9343.	1.6	36
46	<i>Syzygium aqueum</i> : A Polyphenol- Rich Leaf Extract Exhibits Antioxidant, Hepatoprotective, Pain-Killing and Anti-inflammatory Activities in Animal Models. <i>Frontiers in Pharmacology</i> , 2018, 9, 566.	1.6	55
47	Studies on the antidiabetic activities of <i>Momordica charantia</i> fruit juice in streptozotocin-induced diabetic rats. <i>Pharmaceutical Biology</i> , 2017, 55, 758-765.	1.3	86
48	Quercetin and tin protoporphyrin attenuate hepatic ischemia reperfusion injury: role of HO-1. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 871-881.	1.4	22
49	Effect of cardamonin on hepatic ischemia reperfusion induced in rats: Role of nitric oxide. <i>European Journal of Pharmacology</i> , 2017, 815, 446-453.	1.7	18
50	<i>Albizia harveyi</i> : phytochemical profiling, antioxidant, antidiabetic and hepatoprotective activities of the bark extract. <i>Medicinal Chemistry Research</i> , 2017, 26, 3091-3105.	1.1	29
51	Hepatoprotective and hypoglycemic effects of a tannin rich extract from <i>Ximenia americana</i> var. <i>caffra</i> root. <i>Phytomedicine</i> , 2017, 33, 36-42.	2.3	56
52	<i>Senna singueana</i> : Antioxidant, Hepatoprotective, Antiapoptotic Properties and Phytochemical Profiling of a Methanol Bark Extract. <i>Molecules</i> , 2017, 22, 1502.	1.7	41
53	HPLC-PDA-MS/MS Characterization of Bioactive Secondary Metabolites from <i>Turraea fischeri</i> Bark Extract and Its Antioxidant and Hepatoprotective Activities In Vivo. <i>Molecules</i> , 2017, 22, 2089.	1.7	19
54	Silymarin preconditioning protected insulin resistant rats from liver ischemia-reperfusion injury: role of endogenous H ₂ S. <i>Journal of Surgical Research</i> , 2016, 204, 398-409.	0.8	17

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55	Curcumin and hemopressin treatment attenuates cholestasis-induced liver fibrosis in rats: role of CB1 receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 103-116.	1.4	21
56	Cinnamaldehyde Mitigates Carbon Tetrachloride-induced Acute Liver Injury in Rats Through Inhibition of Toll-like Receptor 4 Signaling Pathway. <i>International Journal of Pharmacology</i> , 2016, 12, 851-862.	0.1	5
57	The effects of tramadol on hepatic ischemia/reperfusion injury in rats. <i>Indian Journal of Pharmacology</i> , 2016, 48, 275.	0.4	5
58	Can Chronic Nitric Oxide Inhibition Improve Liver and Renal Dysfunction in Bile Duct Ligated Rats?. <i>Advances in Pharmacological Sciences</i> , 2015, 2015, 1-7.	3.7	8
59	Evaluation of the analgesic activity and safety of ketorolac in whole body fractionated gamma irradiated animals. <i>Future Journal of Pharmaceutical Sciences</i> , 2015, 1, 8-15.	1.1	3
60	Aqueous Garlic Extract Alleviates Liver Fibrosis and Renal Dysfunction in Bile-Duct-Ligated Rats. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2014, 69, 133-141.	0.6	8
61	Caffeic acid phenethyl ester, a 5-lipoxygenase enzyme inhibitor, alleviates diabetic atherosclerotic manifestations: Effect on vascular reactivity and stiffness. <i>Chemico-Biological Interactions</i> , 2014, 213, 28-36.	1.7	41
62	Effect of hesperidin and neohesperidin from bitter-sweet orange (<i>Citrus aurantium</i> var. <i>bigaradia</i>) peel on indomethacin-induced peptic ulcers in rats. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 907-915.	2.0	42
63	Hepatoprotective effect of limonin, a natural limonoid from the seed of <i>Citrus aurantium</i> var. <i>bigaradia</i> , on D-galactosamine-induced liver injury in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 251-261.	1.4	48
64	Role of cannabinoid receptors in hepatic fibrosis and apoptosis associated with bile duct ligation in rats. <i>European Journal of Pharmacology</i> , 2014, 742, 118-124.	1.7	37
65	Baicalein protects against hypertension associated with diabetes: Effect on vascular reactivity and stiffness. <i>Phytomedicine</i> , 2014, 21, 1742-1745.	2.3	37
66	Limonin attenuates hepatocellular injury following liver ischemia and reperfusion in rats via toll-like receptor dependent pathway. <i>European Journal of Pharmacology</i> , 2014, 740, 676-682.	1.7	53
67	Curcumin attenuates fructose-induced vascular dysfunction of isolated rat thoracic aorta rings. <i>Pharmaceutical Biology</i> , 2014, 52, 972-977.	1.3	13
68	Pioglitazone protects against cisplatin induced nephrotoxicity in rats and potentiates its anticancer activity against human renal adenocarcinoma cell lines. <i>Food and Chemical Toxicology</i> , 2013, 51, 114-122.	1.8	25
69	Study of the Possible Prophylactic Effect of Hibiscus Sabdariffa Extract on Experimental Hypertension in Rats. <i>Egyptian Journal of Basic and Clinical Pharmacology</i> , 2013, 3, .	0.7	2
70	Quercetin Protects against Diabetes-Induced Exaggerated Vasoconstriction in Rats: Effect on Low Grade Inflammation. <i>PLoS ONE</i> , 2013, 8, e63784.	1.1	114
71	Effect of Cordyceps sinensis and taurine either alone or in combination on streptozotocin induced diabetes. <i>Food and Chemical Toxicology</i> , 2012, 50, 1159-1165.	1.8	32
72	Evaluation of the Efficacy of Ginger, Arabic Gum, and Boswellia in Acute and Chronic Renal Failure. <i>Renal Failure</i> , 2012, 34, 73-82.	0.8	42

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73	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
74	Inhibition of TNF- α protects against hepatic ischemia-reperfusion injury in rats via NF- κ B dependent pathway. Naunyn-Schmiedeberg's Archives of Pharmacology, 2012, 385, 465-471.	1.4	42
75	Evaluation of the hepatoprotective effect of green tea extract and selenium on CCL4-induced fibrosis. E-SPEN Journal, 2012, 7, e23-e29.	0.5	10
76	Aminoguanidine potentiates the hepatoprotective effect of Silymarin in CCL4 treated rats. Annals of Hepatology, 2011, 10, 207-215.	0.6	34
77	Pentoxifylline alleviates vascular impairment in insulin resistance via TNF- α inhibition. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 277-285.	1.4	36
78	Atorvastatin protects against aorta contractility impairment in insulin-resistant rats. FASEB Journal, 2011, 25, lb373.	0.2	0
79	Interleukin-10 to tumor necrosis factor-alpha ratio is a predictive biomarker in nonalcoholic fatty liver disease: interleukin-10 to tumor necrosis factor-alpha ratio in steatohepatitis. European Journal of Gastroenterology and Hepatology, 2008, 20, 995-1001.	0.8	18