

Ebtehal El-Demerdash

List of Publications by Year in descending order

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72
papers

2,014
citations

236925

25
h-index

276875

41
g-index

74
all docs

74
docs citations

74
times ranked

3000
citing authors

#	ARTICLE	IF	CITATIONS
1	Chrysin alleviates acute doxorubicin cardiotoxicity in rats via suppression of oxidative stress, inflammation and apoptosis. <i>European Journal of Pharmacology</i> , 2014, 728, 107-118.	3.5	199
2	Protective Effects of L-Arginine against Cisplatin-Induced Renal Oxidative Stress and Toxicity: Role of Nitric Oxide. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 97, 91-97.	2.5	107
3	New therapeutic aspect for carvedilol: Antifibrotic effects of carvedilol in chronic carbon tetrachloride-induced liver damage. <i>Toxicology and Applied Pharmacology</i> , 2012, 261, 292-299.	2.8	96
4	Resveratrol inhibits inflammatory signaling implicated in ionizing radiation-induced premature ovarian failure through antagonistic crosstalk between silencing information regulator 1 (SIRT1) and poly(ADP-ribose) polymerase 1 (PARP-1). <i>Biochemical Pharmacology</i> , 2016, 103, 140-150.	4.4	88
5	Epigallocatechin-3-gallate pretreatment attenuates doxorubicin-induced cardiotoxicity in rats: A mechanistic study. <i>Biochemical Pharmacology</i> , 2015, 95, 145-155.	4.4	85
6	Mechanistic clues to the protective effect of chrysin against doxorubicin-induced cardiomyopathy: Plausible roles of p53, MAPK and AKT pathways. <i>Scientific Reports</i> , 2017, 7, 4795.	3.3	79
7	Chloroquine synergizes sunitinib cytotoxicity via modulating autophagic, apoptotic and angiogenic machineries. <i>Chemico-Biological Interactions</i> , 2014, 217, 28-40.	4.0	75
8	Thymoquinone blocks lung injury and fibrosis by attenuating bleomycin-induced oxidative stress and activation of nuclear factor Kappa-B in rats. <i>Toxicology</i> , 2012, 302, 106-113.	4.2	66
9	Anti-inflammatory and antifibrotic effects of methyl palmitate. <i>Toxicology and Applied Pharmacology</i> , 2011, 254, 238-244.	2.8	64
10	Forskolin, a hedgehog signalling inhibitor, attenuates carbon tetrachloride-induced liver fibrosis in rats. <i>British Journal of Pharmacology</i> , 2016, 173, 3248-3260.	5.4	55
11	Biochanin A Protects against Acute Carbon Tetrachloride-Induced Hepatotoxicity in Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 909-916.	1.3	50
12	Insights antifibrotic mechanism of methyl palmitate: Impact on nuclear factor kappa B and proinflammatory cytokines. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 134-144.	2.8	40
13	The tyrosine kinase inhibitor, sunitinib malate, induces cognitive impairment in vivo via dysregulating VEGFR signaling, apoptotic and autophagic machineries. <i>Experimental Neurology</i> , 2016, 283, 129-141.	4.1	39
14	Sodium Selenite Improves Folliculogenesis in Radiation-Induced Ovarian Failure: A Mechanistic Approach. <i>PLoS ONE</i> , 2012, 7, e50928.	2.5	38
15	Non-alcoholic fatty liver disease: An overview of risk factors, pathophysiological mechanisms, diagnostic procedures, and therapeutic interventions. <i>Life Sciences</i> , 2021, 271, 119220.	4.3	38
16	Pharmacology of Diosmin, a Citrus Flavone Glycoside: An Updated Review. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2022, 47, 1-18.	1.6	38
17	In vivo cellular and molecular gastroprotective mechanisms of chrysin; Emphasis on oxidative stress, inflammation and angiogenesis. <i>European Journal of Pharmacology</i> , 2018, 818, 486-498.	3.5	36
18	Mechanistic approach of the inhibitory effect of chrysin on inflammatory and apoptotic events implicated in radiation-induced premature ovarian failure: Emphasis on TGF- β /MAPKs signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 293-303.	5.6	36

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19	Coenzyme Q10 attenuates inflammation and fibrosis implicated in radiation enteropathy through suppression of NF- κ B/TGF- β 2/MMP-9 pathways. <i>International Immunopharmacology</i> , 2021, 92, 107347.	3.8	34
20	Probucol attenuates oxidative stress and energy decline in isoproterenol-induced heart failure in rat. <i>Pharmacological Research</i> , 2005, 51, 311-318.	7.1	32
21	Berberine ameliorates doxorubicin-induced cognitive impairment (chemobrain) in rats. <i>Life Sciences</i> , 2021, 269, 119078.	4.3	30
22	New aspects in probucol cardioprotection against doxorubicin-induced cardiotoxicity. <i>Cancer Chemotherapy and Pharmacology</i> , 2003, 52, 411-416.	2.3	28
23	The natural flavonoid galangin ameliorates dextran sulphate sodium-induced ulcerative colitis in mice: Effect on Toll-like receptor 4, inflammation and oxidative stress. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 10-20.	2.5	28
24	Mechanistic perspective of protective effects of resveratrol against cisplatin-induced ovarian injury in rats: emphasis on anti-inflammatory and anti-apoptotic effects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 1225-1238.	3.0	27
25	Antifibrotic mechanism of deferoxamine in concanavalin A induced-liver fibrosis: Impact on interferon therapy. <i>Biochemical Pharmacology</i> , 2015, 98, 231-242.	4.4	26
26	Deferoxamine alleviates liver fibrosis induced by CCl ₄ in rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 760-768.	1.9	26
27	Treatment of Type-1 Hepatorenal Syndrome with Pentoxifylline: A Randomized Placebo Controlled Clinical Trial. <i>Annals of Hepatology</i> , 2018, 17, 300-306.	1.5	25
28	Protection from doxorubicin-induced nephrotoxicity by clindamycin: novel antioxidant, anti-inflammatory and anti-apoptotic roles. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 739-748.	3.0	24
29	Mechanistic aspects of antifibrotic effects of honokiol in Con A-induced liver fibrosis in rats: Emphasis on TGF- β 2/SMAD/MAPK signaling pathways. <i>Life Sciences</i> , 2020, 240, 117096.	4.3	24
30	Pyrvinium pamoate attenuates non-alcoholic steatohepatitis: Insight on hedgehog/Gli and Wnt/ β 2-catenin signaling crosstalk. <i>Biochemical Pharmacology</i> , 2020, 177, 113942.	4.4	24
31	Alpha-lipoic acid effectively attenuates ionizing radiation-mediated testicular dysfunction in rats: Crosstalk of NF- κ B, TGF- β 2, and PPAR- γ pathways. <i>Toxicology</i> , 2020, 442, 152536.	4.2	23
32	INHIBITION OF THE RENIN-ANGIOTENSIN SYSTEM ATTENUATES THE DEVELOPMENT OF LIVER FIBROSIS AND OXIDATIVE STRESS IN RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 35, 070928213402001-???	1.9	20
33	Bone Marrow-Derived Mesenchymal Stem Cells Reverse Radiotherapy-Induced Premature Ovarian Failure: Emphasis on Signal Integration of TGF- β 2, Wnt/ β 2-Catenin and Hippo Pathways. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1429-1445.	3.8	20
34	Coenzyme Q10 mitigates ionizing radiation-induced testicular damage in rats through inhibition of oxidative stress and mitochondria-mediated apoptotic cell death. <i>Toxicology and Applied Pharmacology</i> , 2019, 383, 114780.	2.8	19
35	Comparative study on beneficial effects of vitamins B and D in attenuating doxorubicin induced cardiotoxicity in rats: Emphasis on calcium homeostasis. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111679.	5.6	19
36	Phytoestrogen genistein hinders ovarian oxidative damage and apoptotic cell death-induced by ionizing radiation: co-operative role of ER- β , TGF- β 2, and FOXL-2. <i>Scientific Reports</i> , 2020, 10, 13551.	3.3	18

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37	Chemical constituents and gastro-protective potential of <i>Pachira glabra</i> leaves against ethanol-induced gastric ulcer in experimental rat model. <i>Inflammopharmacology</i> , 2021, 29, 317-332.	3.9	18
38	Sodium selenite treatment restores long-lasting ovarian damage induced by irradiation in rats: Impact on oxidative stress and apoptosis. <i>Reproductive Toxicology</i> , 2014, 43, 85-93.	2.9	16
39	Growth Hormone Ameliorates the Radiotherapy-Induced Ovarian Follicular Loss in Rats: Impact on Oxidative Stress, Apoptosis and IGF-1/IGF-1R Axis. <i>PLoS ONE</i> , 2015, 10, e0140055.	2.5	16
40	Diosmin ameliorates inflammation, insulin resistance, and fibrosis in an experimental model of non-alcoholic steatohepatitis in rats. <i>Toxicology and Applied Pharmacology</i> , 2020, 401, 115101.	2.8	16
41	Does oxidative stress contribute in tricyclic antidepressants-induced cardiotoxicity?. <i>Toxicology Letters</i> , 2004, 152, 159-66.	0.8	15
42	Indole-3- carbinol enhances sorafenib cytotoxicity in hepatocellular carcinoma cells: A mechanistic study. <i>Scientific Reports</i> , 2016, 6, 32733.	3.3	15
43	Antifibrotic Effects of Carvedilol and Impact of Liver Fibrosis on Carvedilol Pharmacokinetics in a Rat model. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 767-779.	1.6	14
44	The potential antifibrotic impact of apocynin and alpha-lipoic acid in concanavalin A-induced liver fibrosis in rats: Role of NADPH oxidases 1 and 4. <i>Drug Discoveries and Therapeutics</i> , 2018, 12, 58-67.	1.5	14
45	Role of linagliptin in preventing the pathological progression of hepatic fibrosis in high fat diet and streptozotocin-induced diabetic obese rats. <i>European Journal of Pharmacology</i> , 2020, 881, 173224.	3.5	13
46	Effect of low-protein diet on anthracycline pharmacokinetics and cardiotoxicity. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 344-352.	2.4	12
47	Selective A3 adenosine receptor agonist protects against doxorubicin-induced cardiotoxicity. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 77, 309-322.	2.3	12
48	The angiotensin converting enzyme inhibitor captopril attenuates testosterone-induced benign prostatic hyperplasia in rats; a mechanistic approach. <i>European Journal of Pharmacology</i> , 2019, 865, 172729.	3.5	12
49	Evidences for prevention of nitroglycerin tolerance by carvedilol. <i>Pharmacological Research</i> , 2006, 53, 380-385.	7.1	10
50	Luteolin mitigates tamoxifen-associated fatty liver and cognitive impairment in rats by modulating beta-catenin. <i>European Journal of Pharmacology</i> , 2021, 908, 174337.	3.5	10
51	A comparative study of protective mechanisms of glycine and L-arginine against cisplatin-induced nephrotoxicity in rat renal cortical slices. <i>Drug Discoveries and Therapeutics</i> , 2011, 5, 32-40.	1.5	9
52	Obestatin can potentially differentiate Wharton's jelly mesenchymal stem cells into insulin-producing cells. <i>Cell and Tissue Research</i> , 2018, 372, 91-98.	2.9	9
53	Iron chelation by deferasirox confers protection against concanavalin A-induced liver fibrosis: A mechanistic approach. <i>Toxicology and Applied Pharmacology</i> , 2019, 382, 114748.	2.8	8
54	Rosuvastatin improves olanzapine's effects on behavioral impairment and hippocampal, hepatic and metabolic damages in isolated reared male rats. <i>Behavioural Brain Research</i> , 2020, 378, 112305.	2.2	7

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55	Eugenol modulates insulin sensitivity by upregulating insulin receptor substrate-2 in non-alcoholic fatty liver disease in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 846-854.	2.4	7
56	Thymoquinone attenuates isoproterenol-induced myocardial infarction by inhibiting cytochrome C and matrix metalloproteinase-9 expression. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022, 49, 391-405.	1.9	7
57	Probucol and liver efficiency during chemically-induced hepatocarcinogenesis. <i>Anticancer Research</i> , 2002, 22, 977-84.	1.1	7
58	Vildagliptin alleviates liver fibrosis in NASH diabetic rats via modulation of insulin resistance, oxidative stress, and inflammatory cascades. <i>Life Sciences</i> , 2022, 304, 120695.	4.3	7
59	Naringin treatment improved main clozapine-induced adverse effects in rats; emphasis on weight gain, metabolic abnormalities, and agranulocytosis. <i>Drug Development Research</i> , 2021, 82, 980-989.	2.9	6
60	Rosuvastatin and low-dose carvedilol combination protects against isoprenaline-induced myocardial infarction in rats: Role of PI3K/Akt/Nrf2/HO-1 signalling. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1358-1370.	1.9	6
61	Rubus sanctus protects against carbon tetrachloride-induced toxicity in rat isolated hepatocytes: isolation and characterization of its galloylated flavonoids. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 1511-1520.	2.4	5
62	EVESOR, a model-based, multiparameter, Phase I trial to optimize the benefit/toxicity ratio of everolimus and sorafenib. <i>Future Oncology</i> , 2017, 13, 679-693.	2.4	5
63	Novel molecular mechanisms underlying the ameliorative effect of N-acetyl-L-cysteine against γ -radiation-induced premature ovarian failure in rats. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111190.	6.0	5
64	Piceatannol ameliorates behavioural, biochemical and histological aspects in cisplatin-induced peripheral neuropathy in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 129, 486-495.	2.5	5
65	Telmisartan ameliorates carbon tetrachloride-induced acute hepatotoxicity in rats. <i>Environmental Toxicology</i> , 2017, 32, 359-370.	4.0	4
66	Promising drug repurposing approach targeted for cytokine storm implicated in SARS-CoV-2 complications. <i>Immunopharmacology and Immunotoxicology</i> , 2021, 43, 395-409.	2.4	3
67	Fenofibrate ameliorates olanzapine's side effects without altering its central effect. <i>Behavioural Pharmacology</i> , 2021, Publish Ahead of Print, 615-629.	1.7	3
68	Protective effects of <i>Brownea grandiceps</i> (Jacq.) against γ -radiation-induced enteritis in rats in relation to its secondary metabolome fingerprint. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112603.	5.6	2
69	Effect of atorvastatin on single oral pharmacokinetics and safety of daclatasvir in rats: Emphasis on P-glycoprotein and cytochrome P450. <i>Current Drug Metabolism</i> , 2022, 23, .	1.2	2
70	Impact of anti-sandfly saliva antibodies on biological aspects of <i>Phlebotomus papatasi</i> (Diptera): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1. 2695-2700.	3.8	1
71	The diuretic amiloride attenuates doxorubicin-induced chemobrain in rats: Behavioral and mechanistic study. <i>NeuroToxicology</i> , 2022, 88, 1-13.	3.0	1
72	Dichloroacetonitrile Induces Protein Modifications in Cortical Astrocyte Cell Line CTX-NA2 and Alterations in Fetal Mouse Brain. <i>FASEB Journal</i> , 2012, 26, 674.2.	0.5	0