

Ahmed Esmat

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,785
citations

257450

24
h-index

289244

40
g-index

69
all docs

69
docs citations

69
times ranked

2949
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	Discovery of Potent VEGFR-2 Inhibitors based on Furopyrimidine and Thienopyrimidine Scaffolds as Cancer Targeting Agents. <i>Scientific Reports</i> , 2016, 6, 24460.	3.3	112
3	Astaxanthin Ameliorates Doxorubicin-Induced Cognitive Impairment (Chemobrain) in Experimental Rat Model: Impact on Oxidative, Inflammatory, and Apoptotic Machineries. <i>Molecular Neurobiology</i> , 2018, 55, 5727-5740.	4.0	110
4	Caffeic acid phenethyl ester synergistically enhances docetaxel and paclitaxel cytotoxicity in prostate cancer cells. <i>IUBMB Life</i> , 2013, 65, 716-729.	3.4	88
5	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
6	Genistein Improves 3-NPA-Induced Memory Impairment in Ovariectomized Rats: Impact of Its Antioxidant, Anti-Inflammatory and Acetylcholinesterase Modulatory Properties. <i>PLoS ONE</i> , 2015, 10, e0117223.	2.5	65
7	Chemotherapy and cognition: comprehensive review on doxorubicin-induced chemobrain. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 84, 1-14.	2.3	65
8	Phenolic compounds from <i>Syzygium jambos</i> (Myrtaceae) exhibit distinct antioxidant and hepatoprotective activities in vivo. <i>Journal of Functional Foods</i> , 2018, 41, 223-231.	3.4	63
9	Tetramethylpyrazine Ameliorates Rotenone-Induced Parkinson's Disease in Rats: Involvement of Its Anti-Inflammatory and Anti-Apoptotic Actions. <i>Molecular Neurobiology</i> , 2017, 54, 4866-4878.	4.0	61
10	High resolution UPLC-MS/MS profiling of polyphenolics in the methanol extract of <i>Syzygium samarangense</i> leaves and its hepatoprotective activity in rats with CCl ₄ -induced hepatic damage. <i>Food and Chemical Toxicology</i> , 2018, 113, 145-153.	3.6	51
11	Anti-inflammatory sesquiterpenes from <i>Costus speciosus</i> rhizomes. <i>Journal of Ethnopharmacology</i> , 2015, 176, 365-374.	4.1	48
12	Anti-inflammatory activity of flavonoids from <i>Chrozophora tinctoria</i> . <i>Phytochemistry Letters</i> , 2015, 13, 74-80.	1.2	45
13	A Systemic Review on <i>Aloe arborescens</i> Pharmacological Profile: Biological Activities and Pilot Clinical Trials. <i>Phytotherapy Research</i> , 2015, 29, 1858-1867.	5.8	42
14	The effect of pomegranate fruit extract on testosterone-induced BPH in rats. <i>Prostate</i> , 2015, 75, 679-692.	2.3	38
15	Chrysin attenuates testosterone-induced benign prostate hyperplasia in rats. <i>Food and Chemical Toxicology</i> , 2018, 111, 650-659.	3.6	36
16	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
17	Metformin Attenuates Testosterone-Induced Prostatic Hyperplasia in Rats: A Pharmacological Perspective. <i>Scientific Reports</i> , 2015, 5, 15639.	3.3	35
18	Antioxidant and anti-inflammatory activities of the major phenolics from <i>Zygophyllum simplex</i> L.. <i>Journal of Ethnopharmacology</i> , 2017, 205, 51-56.	4.1	35

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19	Toxicity and oxidative stress of acrylonitrile in rat primary glial cells: Preventive effects of N-acetylcysteine. <i>Toxicology Letters</i> , 2007, 171, 111-118.	0.8	33
20	<i>Aloe arborescens</i> Polysaccharides: In Vitro Immunomodulation and Potential Cytotoxic Activity. <i>Journal of Medicinal Food</i> , 2017, 20, 491-501.	1.5	32
21	Novel quinoline-3-carboxamides (Part 2): Design, optimization and synthesis of quinoline based scaffold as EGFR inhibitors with potent anticancer activity. <i>Bioorganic Chemistry</i> , 2017, 75, 368-392.	4.1	32
22	Cucurbitacin B attenuates CCl ₄ -induced hepatic fibrosis in mice through inhibition of STAT β . <i>Chemical Biology and Drug Design</i> , 2018, 91, 933-941.	3.2	31
23	Discovery of anilino-furo[2,3-d]pyrimidine derivatives as dual inhibitors of EGFR/HER2 tyrosine kinase and their anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 330-348.	5.5	30
24	2-Methoxyestradiol Attenuates Testosterone-Induced Benign Prostate Hyperplasia in Rats through Inhibition of HIF-1/TGF- β 2/Smad2 Axis. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	4.0	28
25	Potential therapeutic antipsychotic effects of Naringin against ketamine-induced deficits in rats: Involvement of Akt/GSK-3 β and Wnt/ β 2-catenin signaling pathways. <i>Life Sciences</i> , 2020, 249, 117535.	4.3	27
26	Verification of the anti-inflammatory activity of the polyphenolic-rich fraction of <i>Araucaria bidwillii</i> Hook. using phytohaemagglutinin-stimulated human peripheral blood mononuclear cells and virtual screening. <i>Journal of Ethnopharmacology</i> , 2018, 226, 44-47.	4.1	25
27	Anti-Inflammatory Activity of <i>Pistacia khinjuk</i> in Different Experimental Models: Isolation and Characterization of Its Flavonoids and Galloylated Sugars. <i>Journal of Medicinal Food</i> , 2012, 15, 278-287.	1.5	24
28	Hepatoprotective and antioxidant effect of ellagitannins and galloyl esters isolated from <i>Melaleuca styphelioides</i> on carbon tetrachloride-induced hepatotoxicity in HepG2 cells. <i>Pharmaceutical Biology</i> , 2016, 54, 1727-1735.	2.9	22
29	Synthesis, 3D pharmacophore, QSAR and docking studies of novel quinazoline derivatives with nitric oxide release moiety as preferential COX-2 inhibitors. <i>MedChemComm</i> , 2015, 6, 283-299.	3.4	21
30	Tetramethylpyrazine ameliorates indomethacin-induced gastric ulcer in rats: Impact on oxidative, inflammatory, and angiogenic machineries. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 916-926.	2.7	21
31	Wound Healing Activity of <i>Opuntia ficus-indica</i> Fixed Oil Formulated in a Self-Nanoemulsifying Formulation. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3889-3905.	6.7	20
32	Design, synthesis, and evaluation of anti-inflammatory and ulcerogenicity of novel pyridazinone derivatives. <i>Medicinal Chemistry Research</i> , 2012, 21, 3581-3590.	2.4	16
33	Thiotagetin B and tagetannins A and B, new acetylenic thiophene and digalloyl glucose derivatives from <i>Tagetes minuta</i> and evaluation of their in vitro antioxidative and anti-inflammatory activity. <i>F\ddot{A}-totera\ddot{A}</i> , 2018, 125, 78-88.	2.2	15
34	Anti-inflammatory, hepatoprotective and antioxidant activity of ellagitannin isolated from <i>Melaleuca styphelioides</i> . <i>Phytochemistry</i> , 2020, 177, 112429.	2.9	15
35	Anti-inflammatory Activity and Chemical Characterisation of <i>Opuntia ficus-indica</i> Seed Oil Cultivated in Saudi Arabia. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 4571-4578.	3.0	14
36	Dichloroacetonitrile induces oxidative stress and developmental apoptotic imbalance in mouse fetal brain. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 78-84.	4.0	13

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37	Lycorine Ameliorates Thioacetamide-Induced Hepatic Fibrosis in Rats: Emphasis on Antioxidant, Anti-Inflammatory, and STAT3 Inhibition Effects. <i>Pharmaceuticals</i> , 2022, 15, 369.	3.8	12
38	Role of neutrophils in acrylonitrile-induced gastric mucosal damage. <i>Toxicology Letters</i> , 2012, 208, 108-114.	0.8	11
39	Genistein improves sensorimotor gating: Mechanisms related to its neuroprotective effects on the striatum. <i>Neuropharmacology</i> , 2016, 105, 35-46.	4.1	11
40	Polyphenols from <i>Tamarix nilotica</i> : LC-ESI-MSn Profiling and In Vivo Antifibrotic Activity. <i>Molecules</i> , 2018, 23, 1411.	3.8	11
41	Design, Synthesis and Biological Evaluation of Novel Quinazoline-Based Anti-inflammatory Agents Acting as PDE4B Inhibitors. <i>Chemical and Pharmaceutical Bulletin</i> , 2015, 63, 102-116.	1.3	10
42	Anti-inflammatory activity of <i>Kleinia odora</i> . <i>European Journal of Integrative Medicine</i> , 2018, 23, 64-69.	1.7	9
43	Bisoprolol responses (PK/PD) in hypertensive patients: A cytochrome P450 (CYP) 2D6 targeted polymorphism study. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2727-2732.	3.8	9
44	Synthesis and in vitro antiproliferative activity of novel pyrazolo[3,4-d]pyrimidine derivatives. <i>MedChemComm</i> , 2015, 6, 1518-1534.	3.4	8
45	The Neuroprotective Effect of Carvedilol on Diabetic Neuropathy: An In Vitro Study. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-8.	2.3	8
46	Auraptene nanoparticles ameliorate testosterone-induced benign prostatic hyperplasia in rats: Emphasis on antioxidant, anti-inflammatory, proapoptotic and PPARs activation effects. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112199.	5.6	7
47	Anti-inflammatory activity of the lipophilic metabolites from <i>Scolymus hispanicus</i> L. <i>South African Journal of Botany</i> , 2020, 131, 43-50.	2.5	6
48	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
49	Carvedilol Exerts Neuroprotective Effect on Rat Model of Diabetic Neuropathy. <i>Frontiers in Pharmacology</i> , 2021, 12, 613634.	3.5	6
50	In vivo TNF- and IL-1 inhibitory activity of phenolics isolated from <i>Trachelospermum jasminoides</i> (Lindl.) Lem. <i>Journal of Medicinal Plants Research</i> , 2015, 9, 30-41.	0.4	4
51	Telmisartan ameliorates carbon tetrachloride-induced acute hepatotoxicity in rats. <i>Environmental Toxicology</i> , 2017, 32, 359-370.	4.0	4
52	Protective Effect of Celastrol on Gentamicin-induced Nephrotoxicity in Mice. <i>International Journal of Pharmacology</i> , 2020, 16, 126-135.	0.3	3
53	Aged garlic extract potentiates doxorubicin cytotoxicity in human breast cancer cells. <i>Tropical Journal of Pharmaceutical Research</i> , 2020, 19, 1669-1676.	0.3	3
54	Evaluation of lyophilized royal jelly and garlic extract emulgels using a murine model infected with methicillin-resistant <i>Staphylococcus aureus</i> . <i>AMB Express</i> , 2022, 12, 37.	3.0	3

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55	Effect of Agmatine on Non-Alcoholic Fatty Liver Disease Induced by Type 2 Diabetes in Rats. Journal of Pharmaceutical Research International, 0, , 127-134.	1.0	2
56	Mechanisms of Diabetic Neuropathies and Antioxidant Therapy. Journal of Pharmaceutical Research International, 0, , 28-43.	1.0	2
57	Macro and Microscopic Gastroprotective Effects of Grape Seed Extract on the Gastric Ulcer Experimentally Induced by Alcohol. Archives of Pharmaceutical Sciences Ain Shams University, 2020, .	0.1	1
58	Involvement of the Endothelial Nitric Oxide Pathway and Leukocyte Infiltration in Secondhand Smoke Exposure-Induced Vascular Endothelial Dysfunction and Hypertension. FASEB Journal, 2012, 26, 866.7.	0.5	1
59	Cigarette smoke extract causes endothelial nitric oxide synthase dysfunction through stimulation of ubiquitin proteasome system. FASEB Journal, 2013, 27, 654.12.	0.5	1
60	Median Nerve Affection in Hypertensive Patients with and without Diabetes High-Resolution Ultrasound Assessment. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2022, Volume 15, 183-188.	2.4	1
61	Doxorubicin supplemented with pravastatin in lipid nanoemulsion induces antineoplastic activity with limited hepatotoxicity and cardiotoxicity in tumor-bearing mice. Asian Journal of Pharmaceutical Research and Health Care, 2021, 13, 17-29.	0.1	0
62	The effect of Astaxanthin on Experimentally Induced Diabetic Kidney Disease. Journal of Pharmaceutical Research International, 0, , 98-112.	1.0	0
63	The experimental effects of lipopolysaccharide-induced renal injury in mice mode.. Archives of Pharmaceutical Sciences Ain Shams University, 2021, 5, 46-51.	0.1	0
64	Dichloroacetonitrile Induces Protein Modifications in Cortical Astrocyte Cell Line CTX-CTNA2 and Alterations in Fetal Mouse Brain. FASEB Journal, 2012, 26, 674.2.	0.5	0
65	Anti-inflammatory Activity of the Phenolic-rich Extract of Schotia brachypetalea Sond. Fam. Fabaceae, Cultivated in Egypt. European Journal of Medicinal Plants, 2015, 8, 190-201.	0.5	0
66	Delineate the role of plant furocoumarin derivatives on hepatocarcinoma, DNA Topoisomerase I and mitotic cell division. Cancer Reports and Reviews, 2017, 1, .	0.6	0
67	Antidepressant-like effects of barley (Hordeum vulgare) in a mouse model of reserpine-induced depression. Pharmacognosy Research (discontinued), 2020, 12, 199.	0.6	0