

Mohamed El-Sherbiny

List of Publications by Year in descending order

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66
papers

1,017
citations

471061

17
h-index

500791

28
g-index

71
all docs

71
docs citations

71
times ranked

1336
citing authors

#	ARTICLE	IF	CITATIONS
1	Thymoquinone attenuates Doxorubicin-induced nephrotoxicity in rats: Role of Nrf2 and NOX4. <i>Chemico-Biological Interactions</i> , 2014, 223, 102-108.	1.7	96
2	Crocetin protects against doxorubicin-induced myocardial toxicity in rats through down-regulation of inflammatory and apoptotic pathways. <i>Chemico-Biological Interactions</i> , 2016, 247, 39-48.	1.7	65
3	A lipidomic screen of hyperglycemia-treated HRECs links 12/15-Lipoxygenase to microvascular dysfunction during diabetic retinopathy via NADPH oxidase. <i>Journal of Lipid Research</i> , 2015, 56, 599-611.	2.0	56
4	Adipose mesenchymal stem cells combined with platelet-rich plasma accelerate diabetic wound healing by modulating the Notch pathway. <i>Stem Cell Research and Therapy</i> , 2021, 12, 392.	2.4	46
5	Renal protective effects of thymoquinone against sodium nitrite-induced chronic toxicity in rats: Impact on inflammation and apoptosis. <i>Life Sciences</i> , 2017, 180, 1-8.	2.0	45
6	Bone morphogenetic protein 2: A potential new player in the pathogenesis of diabetic retinopathy. <i>Experimental Eye Research</i> , 2014, 125, 79-88.	1.2	42
7	Targeting neovascularization in ischemic retinopathy: recent advances. <i>Expert Review of Ophthalmology</i> , 2013, 8, 267-286.	0.3	39
8	Vitamin D nanoemulsion enhances hepatoprotective effect of conventional vitamin D in rats fed with a high-fat diet. <i>Chemico-Biological Interactions</i> , 2018, 288, 65-75.	1.7	36
9	Protective effect of isoliquiritigenin on experimental diabetic nephropathy in rats: Impact on Sirt-1/NF κ B balance and NLRP3 expression. <i>International Immunopharmacology</i> , 2020, 87, 106813.	1.7	35
10	Renoprotective effect of nifuroxazide in diabetes-induced nephropathy: impact on NF κ B, oxidative stress, and apoptosis. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 467-473.	1.3	29
11	A Comprehensive Review on Therapeutic Perspectives of Phytosterols in Insulin Resistance: A Mechanistic Approach. <i>Molecules</i> , 2022, 27, 1595.	1.7	28
12	Caspase-14 Expression Impairs Retinal Pigment Epithelium Barrier Function: Potential Role in Diabetic Macular Edema. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	25
13	Peroral endoscopic myotomy as treatment for Zenker's diverticulum (Z-POEM): a multi-center international study. <i>Esophagus</i> , 2021, 18, 693-699.	1.0	24
14	Amelioration of experimentally induced diabetic nephropathy and renal damage by nilotinib. <i>Journal of Physiology and Biochemistry</i> , 2015, 71, 635-648.	1.3	21
15	Deletion of Thioredoxin-interacting protein ameliorates high fat diet-induced non-alcoholic steatohepatitis through modulation of Toll-like receptor 2-NLRP3-inflammasome axis: Histological and immunohistochemical study. <i>Acta Histochemica</i> , 2018, 120, 242-254.	0.9	21
16	Mixed Contaminants: Occurrence, Interactions, Toxicity, Detection, and Remediation. <i>Molecules</i> , 2022, 27, 2577.	1.7	21
17	Diacerein ameliorates testosterone-induced benign prostatic hyperplasia in rats: Effect on oxidative stress, inflammation and apoptosis. <i>International Immunopharmacology</i> , 2021, 100, 108082.	1.7	20
18	Celastrol and thymoquinone alleviate aluminum chloride-induced neurotoxicity: Behavioral psychomotor performance, neurotransmitter level, oxidative-inflammatory markers, and BDNF expression in rat brain. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113072.	2.5	17

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19	Maxillary Mucormycosis Osteomyelitis in Post COVID-19 Patients: A Series of Fourteen Cases. <i>Diagnostics</i> , 2021, 11, 2050.	1.3	16
20	Formulation and Characterization of Metformin-Loaded Ethosomes for Topical Application to Experimentally Induced Skin Cancer in Mice. <i>Pharmaceuticals</i> , 2022, 15, 657.	1.7	16
21	Anti-inflammatory/anti-apoptotic impact of betulin attenuates experimentally induced ulcerative colitis: An insight into TLR4/NF- κ B/caspase signalling modulation. <i>Environmental Toxicology and Pharmacology</i> , 2021, 88, 103750.	2.0	15
22	Chemo-preventive effect of crocin against experimentally-induced hepatocarcinogenesis via regulation of apoptotic and Nrf2 signaling pathways. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103494.	2.0	13
23	Diallyl trisulfide potentiates chemotherapeutic efficacy of doxorubicin in experimentally induced mammary carcinoma: Role of Notch signaling. <i>Pathology Research and Practice</i> , 2020, 216, 153139.	1.0	13
24	Histopathological and immunohistochemical study of the protective effect of triptorelin on the neurocytes of the hippocampus and the cerebral cortex of male albino rats after short-term exposure to cyclophosphamide. <i>Journal of Microscopy and Ultrastructure</i> , 2016, 4, 123.	0.1	12
25	Effect of zinc oxide nanoparticles and ferulic acid on renal ischemia/reperfusion injury: possible underlying mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111686.	2.5	12
26	Nifuroxazide Mitigates Angiogenesis in Ehrlich's Solid Carcinoma: Molecular Docking, Bioinformatic and Experimental Studies on Inhibition of Il-6/Jak2/Stat3 Signaling. <i>Molecules</i> , 2021, 26, 6858.	1.7	11
27	Role of Dapagliflozin and Liraglutide on Diabetes-Induced Cardiomyopathy in Rats: Implication of Oxidative Stress, Inflammation, and Apoptosis. <i>Frontiers in Endocrinology</i> , 2022, 13, 862394.	1.5	11
28	Quinacrine Ameliorates Cisplatin-Induced Renal Toxicity via Modulation of Sirtuin-1 Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10660.	1.8	10
29	Glycyrrhizic acid ameliorates sodium nitrite-induced lung and salivary gland toxicity: Impact on oxidative stress, inflammation and fibrosis. <i>Human and Experimental Toxicology</i> , 2021, 40, 707-721.	1.1	9
30	Betulin alleviates cisplatin-induced hepatic injury in rats: Targeting apoptosis and Nek7-independent NLRP3 inflammasome pathways. <i>International Immunopharmacology</i> , 2021, 99, 107925.	1.7	9
31	Formulation and Characterization of Doxycycline-Loaded Polymeric Nanoparticles for Testing Antitumor/Antiangiogenic Action in Experimental Colon Cancer in Mice. <i>Nanomaterials</i> , 2022, 12, 857.	1.9	9
32	Development of Atorvastatin Calcium Biloaded Capsules for Oral Administration of Hypercholesterolemia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-11.	0.5	9
33	In Vitro Physical Characterizations and Docking Studies on Carvedilol Nanocrystals. <i>Crystals</i> , 2022, 12, 988.	1.0	9
34	Nanogold Particles Suppresses 5-Fluorouracil-Induced Renal Injury: An Insight into the Modulation of Nrf-2 and Its Downstream Targets, HO-1 and I β -GCS. <i>Molecules</i> , 2021, 26, 7684.	1.7	8
35	Ultrastructural changes and nestin expression accompanying compensatory renal growth after unilateral nephrectomy in adult rats. <i>International Journal of Nephrology and Renovascular Disease</i> , 2017, Volume 10, 61-76.	0.8	7
36	Chemopreventive effect of β -hederin/carboplatin combination against experimental colon hyperplasia and impact on JNK signaling. <i>Toxicology Mechanisms and Methods</i> , 2021, 31, 138-149.	1.3	7

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37	Functional Recellularization of Acellular Rat Liver Scaffold by Induced Pluripotent Stem Cells: Molecular Evidence for Wnt/B-Catenin Upregulation. <i>Cells</i> , 2021, 10, 2819.	1.8	7
38	Ultrasound, endoscopic ultrasound elastography, and the strain ratio in differentiating benign from malignant lymph nodes. <i>Arab Journal of Gastroenterology</i> , 2018, 19, 7-15.	0.4	6
39	Supplement With Calcium or Alendronate Suppresses Osteopenia Due to Long Term Rabeprazole Treatment in Female Mice: Influence on Bone TRAP and Osteopontin Levels. <i>Frontiers in Pharmacology</i> , 2020, 11, 583.	1.6	6
40	Functional beta-cells derived from umbilical cord blood mesenchymal stem cells for curing rats with streptozotocin-induced diabetes mellitus. <i>Singapore Medical Journal</i> , 2020, 61, 39-45.	0.3	6
41	Origanum majorana L. Extract Attenuated Benign Prostatic Hyperplasia in Rat Model: Effect on Oxidative Stress, Apoptosis, and Proliferation. <i>Antioxidants</i> , 2022, 11, 1149.	2.2	6
42	Leflunomide Induces Dose-Dependent Lung Injury in Mice via Stimulating Vimentin and NLRP3 Inflammasome Production. <i>Frontiers in Pharmacology</i> , 2021, 12, 631216.	1.6	5
43	Indapamide Increases IRS1 Expression and Modifies Adiponectin/NLRP3/PPAR β Crosstalk in Type 2 Diabetic Rats. <i>Antioxidants</i> , 2022, 11, 691.	2.2	5
44	An Ideal Approach for Enhancing 5-Fluorouracil Anticancer Efficacy by Nanoemulsion for Cytotoxicity against a Human Hepatoma Cell Line (HepG2 Cells). <i>BioMed Research International</i> , 2022, 2022, 1-10.	0.9	5
45	Exercise Augments the Effect of SGLT2 Inhibitor Dapagliflozin on Experimentally Induced Diabetic Cardiomyopathy, Possible Underlying Mechanisms. <i>Metabolites</i> , 2022, 12, 635.	1.3	5
46	Ameliorated Stomach Specific Floating Microspheres for Emerging Health Pathologies Using Polymeric Konjac Glucomannan-Based Domperidone. <i>BioMed Research International</i> , 2022, 2022, 1-12.	0.9	5
47	Evaluation of procalcitonin postmortem levels in some models of death: An experimental study. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2016, 37, 28-32.	0.5	4
48	Enhancement of Cisplatin Cytotoxicity by Cu(II)-Mn(II) Schiff Base Tetradentate Complex in Human Oral Squamous Cell Carcinoma. <i>Molecules</i> , 2020, 25, 4688.	1.7	4
49	Diacerein versus adiponectin as adiponectin modulators in experimentally-induced end-stage type 2 diabetes mellitus in rats. <i>Environmental Toxicology and Pharmacology</i> , 2022, 90, 103806.	2.0	4
50	Rapamycin Improves Adipose-Derived Mesenchymal Stem Cells (ADMSCs) Renoprotective Effect against Cisplatin-Induced Acute Nephrotoxicity in Rats by Inhibiting the mTOR/AKT Signaling Pathway. <i>Biomedicines</i> , 2022, 10, 1295.	1.4	4
51	Prophylactic Evidence of MSCs-Derived Exosomes in Doxorubicin/Trastuzumab-Induced Cardiotoxicity: Beyond Mechanistic Target of NRG-1/Erb Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5967.	1.8	4
52	Possible Underlying Mechanisms for the Renoprotective Effect of Retinoic Acid-Pretreated Wharton's Jelly Mesenchymal Stem Cells against Renal Ischemia/Reperfusion Injury. <i>Cells</i> , 2022, 11, 1997.	1.8	3
53	Clopidogrel or prasugrel reduces mortality and lessens cardiovascular damage from acute myocardial infarction in hypercholesterolemic male rats. <i>Life Sciences</i> , 2020, 247, 117429.	2.0	2
54	Vitamin K2 (Menaquinone-7) Reverses Age-Related Structural and Cognitive Deterioration in Naturally Aging Rats. <i>Antioxidants</i> , 2022, 11, 514.	2.2	2

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55	Curcumin Plant for Colorectal Cancer Prediction and Prevention Using In Silico Molecular Analysis; HOT-MELT Extrusion. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-15.	0.5	2
56	Protective effect of nano vitamin D against fatty degeneration in submandibular and sublingual salivary glands: A histological and ultrastructural study. Heliyon, 2021, 7, e06932.	1.4	1
57	Hepatoprotective effect of Betulin against Cisplatin-induced toxicity via inhibiting apoptotic and Nek7-independent NLRP3 inflammasome pathways: An in vivo study. FASEB Journal, 2021, 35, .	0.2	1
58	Design, synthesis and pharmacological screening of novel renoprotective methionine-based peptidomimetics: Amelioration of cisplatin-induced nephrotoxicity. Bioorganic Chemistry, 2021, 114, 105100.	2.0	1
59	Effect of spironolactone on diabetic nephropathy in albino rats: ultrastructural and immunohistochemical study. International Journal of Scientific Reports, 2017, 3, 110.	0.0	1
60	Thyroid-Stimulating Hormone Favors Runx2-Mediated Matrix Mineralization in HOS and SaOS2 Cells: An In Vitro and In Silico Approach. Molecules, 2022, 27, 613.	1.7	1
61	Dapagliflozin, Liraglutide, and Their Combination Attenuate Diabetes Mellitus-Associated Hepato-Renal Injury—Insight into Oxidative Injury/Inflammation/Apoptosis Modulation. Life, 2022, 12, 764.	1.1	1
62	Gastric peroral endoscopic myotomy for refractory gastroparesis. VideoGIE, 2020, 5, 545-547.	0.3	0
63	Phenethyl isothiocyanate alleviates renal injury in STZ-induced diabetic rats: Effect on oxidative stress, glycativ stress and inflammation. FASEB Journal, 2021, 35, .	0.2	0
64	Quinacrine ameliorated Cisplatin-induced renal toxicity via modulation of Sirtuin-1 and its downstream inflammatory and apoptosis pathways. FASEB Journal, 2021, 35, .	0.2	0
65	Anti-inflammatory Effect of Betulin in Acetic Acid Induced Ulcerative Colitis: Effect on TLR4/NF-κB. FASEB Journal, 2021, 35, .	0.2	0
66	A2A Receptors Are Highly Expressed in Young Patients with Luminal B and Triple Negative Breast Cancer Subtypes and Are Associated with a Higher Proliferate Index. FASEB Journal, 2018, 32, lb587.	0.2	0