

Mohamed Aly Morsy

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,425
citations

186265
28
h-index

254184
43
g-index

85
all docs

85
docs citations

85
times ranked

3151
citing authors

#	ARTICLE	IF	CITATIONS
1	Dose translation between laboratory animals and human in preclinical and clinical phases of drug development. <i>Drug Development Research</i> , 2018, 79, 373-382.	2.9	214
2	Mechanisms of Thymoquinone Hepatorenal Protection in Methotrexate-Induced Toxicity in Rats. <i>Mediators of Inflammation</i> , 2015, 2015, 1-12.	3.0	100
3	Nanoemulsion Based Vehicle for Effective Ocular Delivery of Moxifloxacin Using Experimental Design and Pharmacokinetic Study in Rabbits. <i>Pharmaceutics</i> , 2019, 11, 230.	4.5	93
4	Synthesis and investigation of anti-inflammatory activity and gastric ulcerogenicity of novel nitric oxide-donating pyrazoline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3068-3076.	5.5	73
5	Fucoidan ameliorates steatohepatitis and insulin resistance by suppressing oxidative stress and inflammatory cytokines in experimental non-alcoholic fatty liver disease. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 907-914.	4.0	68
6	Effect of Coenzyme-Q10 on Doxorubicin-Induced Nephrotoxicity in Rats. <i>Advances in Pharmacological Sciences</i> , 2012, 2012, 1-8.	3.7	67
7	Preparation and Evaluation of Atorvastatin-Loaded Nanoemulgel on Wound-Healing Efficacy. <i>Pharmaceutics</i> , 2019, 11, 609.	4.5	67
8	Repurposing of FDA-approved antivirals, antibiotics, anthelmintics, antioxidants, and cell protectives against SARS-CoV-2 papain-like protease. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5129-5136.	3.5	64
9	Protective effects of curcumin, α -lipoic acid, and N-acetylcysteine against carbon tetrachloride-induced liver fibrosis in rats. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 29-35.	3.0	52
10	Screening and Molecular Docking of Novel Benzothiazole Derivatives as Potential Antimicrobial Agents. <i>Antibiotics</i> , 2020, 9, 221.	3.7	50
11	Clarithromycin Solid Lipid Nanoparticles for Topical Ocular Therapy: Optimization, Evaluation and In Vivo Studies. <i>Pharmaceutics</i> , 2021, 13, 523.	4.5	50
12	Curcumin Ameliorates Methotrexate-Induced Nephrotoxicity in Rats. <i>Advances in Pharmacological Sciences</i> , 2013, 2013, 1-7.	3.7	48
13	Mechanisms of gastroprotective effect of eugenol in indomethacin-induced ulcer in rats. <i>Phytotherapy Research</i> , 2008, 22, 1361-1366.	5.8	45
14	Mechanisms of the Protective Effects of Curcumin against Indomethacin-Induced Gastric Ulcer in Rats. <i>Pharmacology</i> , 2013, 91, 267-274.	2.2	45
15	Lipid Nanoparticles as a Promising Drug Delivery Carrier for Topical Ocular Therapy—An Overview on Recent Advances. <i>Pharmaceutics</i> , 2022, 14, 533.	4.5	44
16	Protective effect of carnosine against cisplatin-induced nephrotoxicity in mice. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 292-297.	4.0	43
17	Development of Asialoglycoprotein Receptor-Targeted Nanoparticles for Selective Delivery of Gemcitabine to Hepatocellular Carcinoma. <i>Molecules</i> , 2019, 24, 4566.	3.8	42
18	Paeonol Attenuates Methotrexate-Induced Cardiac Toxicity in Rats by Inhibiting Oxidative Stress and Suppressing TLR4-Induced NF- κ B Inflammatory Pathway. <i>Mediators of Inflammation</i> , 2020, 2020, 1-10.	3.0	41

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19	Synthesis and Structural Elucidation of Novel Benzothiazole Derivatives as Anti-tubercular Agents: In-silico Screening for Possible Target Identification. <i>Medicinal Chemistry</i> , 2019, 15, 311-326.	1.5	41
20	Enhancement in antinociceptive and anti-inflammatory effects of tramadol by transdermal proniosome gel. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 786-796.	9.1	37
21	Prevention of rat liver fibrosis by selective targeting of hepatic stellate cells using hesperidin carriers. <i>International Journal of Pharmaceutics</i> , 2018, 552, 241-250.	5.2	35
22	Hidden pharmacological activities of valproic acid: A new insight. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112021.	5.6	35
23	Nebivolol Ameliorates Cisplatin-Induced Nephrotoxicity in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 449-455.	2.5	34
24	Inhibition of NF- κ B/TNF- α pathway may be involved in the protective effect of resveratrol against cyclophosphamide-induced multi-organ toxicity. <i>Immunopharmacology and Immunotoxicology</i> , 2017, 39, 180-187.	2.4	34
25	Anti-Tubercular Activity of Substituted 7-Methyl and 7-Formylindolizines and In Silico Study for Prospective Molecular Target Identification. <i>Antibiotics</i> , 2019, 8, 247.	3.7	32
26	Protective mechanisms of thymoquinone on methotrexate-induced intestinal toxicity in rats. <i>Pharmacognosy Magazine</i> , 2016, 12, 76.	0.6	32
27	Novel benzothiazolyl urea and thiourea derivatives with potential cytotoxic and antimicrobial activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007, 22, 57-64.	5.2	31
28	Experimental design, formulation and in vivo evaluation of a novel topical in situ gel system to treat ocular infections. <i>PLoS ONE</i> , 2021, 16, e0248857.	2.5	31
29	Curative effects of hydrogen sulfide against acetaminophen-induced hepatotoxicity in mice. <i>Life Sciences</i> , 2010, 87, 692-698.	4.3	30
30	Cytotoxicity and Antimycobacterial Properties of Pyrrolo[1,2-a]quinoline Derivatives: Molecular Target Identification and Molecular Docking Studies. <i>Antibiotics</i> , 2020, 9, 233.	3.7	30
31	Computational, crystallographic studies, cytotoxicity and anti-tubercular activity of substituted 7-methoxy-indolizine analogues. <i>PLoS ONE</i> , 2019, 14, e0217270.	2.5	29
32	Effective Therapeutic Delivery and Bioavailability Enhancement of Pioglitazone Using Drug in Adhesive Transdermal Patch. <i>Pharmaceutics</i> , 2019, 11, 359.	4.5	28
33	Protective effects of nebigolol against cold restraint stress-induced gastric ulcer in rats: Role of NO, HO-1, and COX-1,2. <i>Nitric Oxide - Biology and Chemistry</i> , 2012, 27, 117-122.	2.7	27
34	Protective mechanisms of coenzyme-Q10 may involve up-regulation of testicular P-glycoprotein in doxorubicin-induced toxicity. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 772-781.	4.0	27
35	Sildenafil protects against nitric oxide deficiency-related nephrotoxicity in cyclosporine A treated rats. <i>European Journal of Pharmacology</i> , 2013, 705, 126-134.	3.5	26
36	The Possible Contribution of P-Glycoprotein in the Protective Effect of Paeonol against Methotrexate-Induced Testicular Injury in Rats. <i>Pharmaceutics</i> , 2020, 13, 223.	3.8	26

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37	In silico Design and Synthesis of Tetrahydropyrimidinones and Tetrahydropyrimidinethiones as Potential Thymidylate Kinase Inhibitors Exerting Anti-TB Activity Against <i>Mycobacterium tuberculosis</i> . Drug Design, Development and Therapy, 2020, Volume 14, 1027-1039.	4.3	26
38	Anti-tubercular Potency and Computationally Assessed Drug-likeness and Toxicology of Diversely Substituted Indolizines. Indian Journal of Pharmaceutical Education and Research, 2019, 53, 545-552.	0.6	25
39	Protective effects of captopril in diabetic rats exposed to ischemia/reperfusion renal injury. Journal of Pharmacy and Pharmacology, 2012, 65, 243-252.	2.4	23
40	Protective Effect of Spirulina platensis Extract against Dextran-Sulfate-Sodium-Induced Ulcerative Colitis in Rats. Nutrients, 2019, 11, 2309.	4.1	23
41	Mechanisms underlying gastroprotective effect of paeonol against indomethacin-induced ulcer in rats. Human and Experimental Toxicology, 2019, 38, 510-518.	2.2	23
42	Anti-tubercular activity and molecular docking studies of indolizine derivatives targeting mycobacterial InhA enzyme. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1471-1486.	5.2	23
43	Diacerein ameliorates letrozole-induced polycystic ovarian syndrome in rats. Biomedicine and Pharmacotherapy, 2022, 149, 112870.	5.6	23
44	Gastroprotective effects of the insulin sensitizers rosiglitazone and metformin against indomethacin-induced gastric ulcers in Type 2 diabetic rats. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 173-177.	1.9	22
45	Ameliorative effect of eprosartan on high-fat diet/streptozotocin-induced early diabetic nephropathy in rats. European Journal of Pharmacology, 2015, 750, 90-97.	3.5	22
46	Mechanisms of Antidiabetic Activity of Methanolic Extract of Punica granatum Leaves in Nicotinamide/Streptozotocin-Induced Type 2 Diabetes in Rats. Plants, 2020, 9, 1609.	3.5	22
47	Sildenafil Ameliorates Gentamicin-Induced Nephrotoxicity in Rats: Role of iNOS and eNOS. Journal of Toxicology, 2014, 2014, 1-7.	3.0	21
48	Novel Series of Methyl 3-(Substituted Benzoyl)-7-Substituted-2-Phenylindolizine-1-Carboxylates as Promising Anti-Inflammatory Agents: Molecular Modeling Studies. Biomolecules, 2019, 9, 661.	4.0	21
49	SARS CoV-2 Organotropism Associated Pathogenic Relationship of Gut-Brain Axis and Illness. Frontiers in Molecular Biosciences, 2020, 7, 606779.	3.5	21
50	Protective mechanisms of resveratrol against methotrexate-induced renal damage may involve BCRP/ABCG2. Fundamental and Clinical Pharmacology, 2016, 30, 406-418.	1.9	20
51	Formulation and Evaluation of Self-Nanoemulsifying Drug Delivery System Derived Tablet Containing Sertraline. Pharmaceutics, 2022, 14, 336.	4.5	20
52	Novel Therapies for the Treatment of Neuropathic Pain: Potential and Pitfalls. Journal of Clinical Medicine, 2022, 11, 3002.	2.4	19
53	Carvedilol Ameliorates Early Diabetic Nephropathy in Streptozotocin-Induced Diabetic Rats. BioMed Research International, 2014, 2014, 1-8.	1.9	18
54	Paeonol protects against testicular ischaemia-reperfusion injury in rats through inhibition of oxidative stress and inflammation. Andrologia, 2020, 52, e13599.	2.1	17

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55	Larvicidal Activities of 2-Aryl-2,3-Dihydroquinazolin -4-ones against Malaria Vector <i>Anopheles arabiensis</i> , In Silico ADMET Prediction and Molecular Target Investigation. <i>Molecules</i> , 2020, 25, 1316.	3.8	16
56	Mechanism of testicular protection of carvedilol in streptozotocin-induced diabetic rats. <i>Indian Journal of Pharmacology</i> , 2014, 46, 161.	0.7	15
57	Netarsudil: A new ophthalmic drug in the treatment of chronic primary open angle glaucoma and ocular hypertension. <i>European Journal of Ophthalmology</i> , 2021, 31, 2237-2244.	1.3	15
58	Multi-drug resistance protein (Mrp) 3 may be involved in resveratrol protection against methotrexate-induced testicular damage. <i>Life Sciences</i> , 2014, 119, 40-46.	4.3	14
59	Paeonol Protects Against Methotrexate-Induced Nephrotoxicity via Upregulation of P-gp Expression and Inhibition of TLR4/NF- κ B Pathway. <i>Frontiers in Pharmacology</i> , 2022, 13, 774387.	3.5	14
60	Novel Biochemical Pathways for 5-Fluorouracil in Managing Experimental Hepatocellular Carcinoma in Rats. <i>Journal of Membrane Biology</i> , 2010, 234, 29-34.	2.1	13
61	Crystallography, in Silico Studies, and In Vitro Antifungal Studies of 2,4,5 Trisubstituted 1,2,3-Triazole Analogues. <i>Antibiotics</i> , 2020, 9, 350.	3.7	13
62	Constant Voltage Iontophoresis Technique to Deliver Terbinafine via Transungual Delivery System: Formulation Optimization Using Box-Behnken Design and In Vitro Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1692.	4.5	13
63	Modulation of eNOS/iNOS by nebivolol protects against cyclosporine A-mediated nephrotoxicity through targeting inflammatory and apoptotic pathways. <i>Environmental Toxicology and Pharmacology</i> , 2019, 69, 26-35.	4.0	12
64	Canagliflozin, an SGLT-2 inhibitor, ameliorates acetic acid-induced colitis in rats through targeting glucose metabolism and inhibiting NOX2. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111902.	5.6	12
65	Effect of selective and non-selective cyclooxygenase inhibitors on doxorubicin-induced cardiotoxicity and nephrotoxicity in rats. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 424-431.	2.7	11
66	In silico and in vitro identification of secoisolariciresinol as a re-sensitizer of P-glycoprotein-dependent doxorubicin-resistance NCI/ADR-RES cancer cells. <i>PeerJ</i> , 2020, 8, e9163.	2.0	11
67	The effect of adjuvant therapy with TNF- α on animal model of triple-negative breast cancer. <i>Therapeutic Delivery</i> , 2018, 9, 333-342.	2.2	10
68	Computational and Biological Comparisons of Plant Steroids as Modulators of Inflammation through Interacting with Glucocorticoid Receptor. <i>Mediators of Inflammation</i> , 2019, 2019, 1-9.	3.0	10
69	Crystallography, Molecular Modeling, and COX-2 Inhibition Studies on Indolizine Derivatives. <i>Molecules</i> , 2021, 26, 3550.	3.8	10
70	An Overview on the Insulin Preparations and Devices. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2018, 52, 550-557.	0.6	9
71	In silico comparisons between natural inhibitors of ABCB1/P-glycoprotein to overcome doxorubicin-resistance in the NCI/ADR-RES cell line. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 112, 87-94.	4.0	8
72	4-Aryl-1,4-Dihydropyridines as Potential Enoyl-Acyl Carrier Protein Reductase Inhibitors: Antitubercular Activity and Molecular Docking Study. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 295-306.	2.1	8

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73	The Beneficial Effect of Boswellic Acid on Bone Metabolism and Possible Mechanisms of Action in Experimental Osteoporosis. <i>Nutrients</i> , 2020, 12, 3186.	4.1	7
74	Protective mechanisms of telmisartan against hepatic ischemia/reperfusion injury in rats may involve PPAR β -induced TLR4/NF- κ B suppression. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112374.	5.6	7
75	Protective effects of lutein against vancomycin-induced acute renal injury in mice via upregulation of peroxisome proliferator-activated receptor gamma/nuclear factor erythroid 2-related factor 2 and inhibition nuclear factor-kappaB/caspase 3. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 321-331.	1.2	6
76	Dimethyl dimethoxy biphenyl dicarboxylate attenuates hepatic and metabolic alterations in high fructose-fed rats. <i>Toxicology and Industrial Health</i> , 2016, 32, 59-67.	1.4	5
77	Protective Effects of Irbesartan, an Angiotensin Receptor Blocker with PPAR β Agonistic Activity, against Estradiol Benzoate-Induced Endometrial Hyperplasia and Atypia in Female Rats via Modulation of TNF α /Survivin Pathway. <i>Pharmaceuticals</i> , 2021, 14, 649.	3.8	5
78	Orientin Alleviates Liver Inflammation via Downregulation of ZEB-2/PTEN Markers in Hepatic Stellate Cells Approach. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2725.	2.5	5
79	1,2,3-Triazolyl-tetrahydropyrimidine Conjugates as Potential Sterol Carrier Protein-2 Inhibitors: Larvicidal Activity against the Malaria Vector <i>Anopheles arabiensis</i> and In Silico Molecular Docking Study. <i>Molecules</i> , 2022, 27, 2676.	3.8	5
80	Antitubercular, Cytotoxicity, and Computational Target Validation of Dihydroquinazolinone Derivatives. <i>Antibiotics</i> , 2022, 11, 831.	3.7	5
81	Prevention of Gastric Ulcers. , 2011, , .		2
82	Development of HPLC Method for Quantification of Sinigrin from <i>Raphanus sativus</i> Roots and Evaluation of Its Anticancer Potential. <i>Molecules</i> , 2020, 25, 4947.	3.8	2
83	Pancreatin-Cetyl Pyridinium Chloride Digestion and Decontamination Method; A Novel, Sensitive, Cost-Effective Method for Culturing <i>Mycobacterium tuberculosis</i> . <i>Microorganisms</i> , 2021, 9, 2025.	3.6	1
84	Ameliorative Effect of a Neoteric Regimen of Catechin plus Cetirizine on Ovalbumin-Induced Allergic Rhinitis in Rats. <i>Life</i> , 2022, 12, 820.	2.4	0