

Mohamed M M Metwally

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

674
citations

566801

15
h-index

580395

25
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all docs

37
docs citations

37
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	A randomized controlled trial to assess the safety and efficacy of silymarin on symptoms, signs and biomarkers of acute hepatitis. <i>Phytomedicine</i> , 2009, 16, 391-400.	2.3	82
2	Curcumin alleviates colistin-induced nephrotoxicity and neurotoxicity in rats via attenuation of oxidative stress, inflammation and apoptosis. <i>Chemico-Biological Interactions</i> , 2018, 294, 56-64.	1.7	54
3	Moringa oleifera extract attenuates the CoCl ₂ induced hypoxia of rat's brain: Expression pattern of HIF-1 α , NF- κ B, MAO and EPO. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1688-1697.	2.5	47
4	Potential therapeutic role of melatonin on STZ-induced diabetic central neuropathy: A biochemical, histopathological, immunohistochemical and ultrastructural study. <i>Acta Histochemica</i> , 2018, 120, 828-836.	0.9	45
5	Chitosan-stabilized selenium nanoparticles alleviate cardio-hepatic damage in type 2 diabetes mellitus model via regulation of caspase, Bax/Bcl-2, and Fas/FasL-pathway. <i>Gene</i> , 2021, 768, 145288.	1.0	45
6	Chitosan-Stabilized Selenium Nanoparticles and Metformin Synergistically Rescue Testicular Oxidative Damage and Steroidogenesis-Related Genes Dysregulation in High-Fat Diet/Streptozotocin-Induced Diabetic Rats. <i>Antioxidants</i> , 2021, 10, 17.	2.2	35
7	Gross and microscopic pathological changes associated with parasitic infection in European eel (<i>Anguilla anguilla</i> , Linnaeus 1758). <i>Parasitology Research</i> , 2010, 106, 463-469.	0.6	30
8	Protective effect of <i>Spirulina platensis</i> against physiological, ultrastructural and cell proliferation damage induced by furan in kidney and liver of rat. <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110256.	2.9	25
9	Protective effect of N-acetylcysteine on fenitrothion-induced toxicity: The antioxidant status and metabolizing enzymes expression in rats. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 502-510.	2.9	22
10	The Modulatory Role of Vitamin C in Boldenone Undecylenate Induced Testicular Oxidative Damage and Androgen Receptor Dysregulation in Adult Male Rats. <i>Antioxidants</i> , 2020, 9, 1053.	2.2	22
11	Thymol alleviates imidacloprid-induced testicular toxicity by modulating oxidative stress and expression of steroidogenesis and apoptosis-related genes in adult male rats. <i>Ecotoxicology and Environmental Safety</i> , 2021, 221, 112435.	2.9	22
12	The single or combined <i>Silybum marianum</i> and co-enzyme Q10 role in alleviating fluoride-induced impaired growth, immune suppression, oxidative stress, histological alterations, and reduced resistance to <i>Aeromonas sobria</i> in African catfish (<i>Clarias gariepinus</i>). <i>Aquaculture</i> , 2022, 548, 737693.	1.7	22
13	Beneficial role of biochanin A on cutaneous and renal tissues of ovariectomized rats treated with anastrozole. <i>Life Sciences</i> , 2018, 201, 9-16.	2.0	20
14	Protective potency of <i>Astragalus polysaccharides</i> against tilmicosin- induced cardiac injury via targeting oxidative stress and cell apoptosis-encoding pathways in rat. <i>Environmental Science and Pollution Research</i> , 2020, 27, 20861-20875.	2.7	19
15	Moringa oleifera ethanolic extract attenuates tilmicosin-induced renal damage in male rats via suppression of oxidative stress, inflammatory injury, and intermediate filament proteins mRNA expression. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110997.	2.5	19
16	Protective prospects of eco-friendly synthesized selenium nanoparticles using <i>Moringa oleifera</i> or <i>Moringa oleifera</i> leaf extract against melamine induced nephrotoxicity in male rats. <i>Ecotoxicology and Environmental Safety</i> , 2021, 221, 112424.	2.9	16
17	Dietary Parsley Seed Mitigates Methomyl-Induced Impaired Growth Performance, Hemato-Immune Suppression, Oxidative Stress, Hepato-Renal Damage, and <i>Pseudomonas aeruginosa</i> Susceptibility in <i>Oreochromis niloticus</i> . <i>Antioxidants</i> , 2022, 11, 1185.	2.2	16
18	Ebselen can Protect Male Reproductive Organs and Male Fertility from Manganese Toxicity: Structural and Bioanalytical Approach in a Rat Model. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 739-748.	2.5	15

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19	Ameliorative impacts of chrysin against gibberellic acid-induced liver and kidney damage through the regulation of antioxidants, oxidative stress, inflammatory cytokines, and apoptosis biomarkers. <i>Toxicology Research</i> , 2022, 11, 235-244.	0.9	15
20	The efficiency of pomegranate (<i>Punica granatum</i>) peel ethanolic extract in attenuating the vancomycin-triggered liver and kidney tissues injury in rats. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7134-7150.	2.7	14
21	Impacts of nâ€acetyl cysteine on gibberellic acidâ€induced testicular dysfunction through regulation of inflammatory cytokines, steroid and antioxidant activity. <i>Andrologia</i> , 2021, 53, e14036.	1.0	13
22	Synergistically enhanced apoptotic and oxidative DNA damaging pathways in the rat brain with lead and/or aluminum metals toxicity: Expression pattern of genes OGG1 and P53. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 68, 126860.	1.5	11
23	Could Cisplatin Loading on Biosynthesized Silver Nanoparticles Improve Its Therapeutic Efficacy on Human Prostate Cancer Cell Line and Reduce Its In Vivo Nephrotoxic Effects?. <i>Biological Trace Element Research</i> , 2022, 200, 582-590.	1.9	9
24	Sustained Functioning Impairments and Oxidative Stress with Neurobehavioral Dysfunction Associated with Oral Nicotine Exposure in the Brain of a Murine Model of Ehrlich Ascites Carcinoma: Modifying the Antioxidant Role of <i>Chlorella vulgaris</i> . <i>Biology</i> , 2022, 11, 279.	1.3	9
25	TGF-Î²1, NAG-1, and antioxidant enzymes expression alterations in Cisplatin-induced nephrotoxicity in a rat model: Comparative modulating role of Melatonin, Vit. E and Ozone. <i>Gene</i> , 2022, 820, 146293.	1.0	9
26	Nanotechnology improves the therapeutic efficacy of gemcitabine against a human hepatocellular carcinoma cell line and minimizes its in vivo side effects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 631-643.	1.4	8
27	Impacts of nâ€acetyl cysteine on gibberellic acidâ€induced hepatorenal dysfunction through modulation of proâ€inflammatory cytokines, antifibrotic and antioxidant activity. <i>Journal of Food Biochemistry</i> , 2021, 45, e13706.	1.2	7
28	Gibberellic acidâ€induced hepatorenal dysfunction and oxidative stress: Mitigation by quercetin through modulation of antioxidant, antiâ€inflammatory, and antiapoptotic activities. <i>Journal of Food Biochemistry</i> , 2022, 46, e14069.	1.2	6
29	Concerns with Male Infertility Induced by Exposure to Titanium Nanoparticles and the Supporting Impact of <i>Pelargonium graveolens</i> Essential Oil: Morphometric Records in Male-Wistar Rats. <i>Life</i> , 2022, 12, 639.	1.1	6
30	Comparative effect of administration and discontinuation of sildenafil and/or clomipramine on the hepatic, cardiac and testicular tissues of male rats. <i>Andrologia</i> , 2021, 53, e13983.	1.0	4
31	Scrutinizing pathways of nicotine effect on renal Alpha-7 nicotinic acetylcholine receptor and Mitogen-activated protein kinase (MAPK) expression in Ehrlich ascites carcinoma-bearing mice: Role of <i>Chlorella vulgaris</i> . <i>Gene</i> , 2022, 837, 146697.	1.0	4
32	Early postmortem biochemical, histological, and immunohistochemical alterations in skeletal muscles of rats exposed to boldenone undecylenate: Forensic implication. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2021, 83, 102248.	0.5	2
33	Gastroprotective, hepatoprotective, and nephroprotective effects of thymol against the adverse effects of acetylsalicylic acid in rats: Biochemical and histopathological studies. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103289.	1.8	1
34	Neoplasms In Equine Species In Sharkia Governorate, Egypt. <i>Advances in Animal and Veterinary Sciences</i> , 2021, 9, .	0.1	0
35	The Metabolic Impact and Beneficial Effects of Different Energy Restriction Protocols in Rats: An Alternative Health Plan. <i>Journal of Animal Health and Production</i> , 2021, 9, .	0.0	0
36	Protective Effect of Cholestyramine and Oxihumate on Experimentally Induced -Ochratoxicosis in Broiler Chickens. <i>Journal of Animal Health and Production</i> , 2021, 9, .	0.0	0

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37	Ethoxyquin and Butylated Hydroxyl Toluene Induced Hepatotoxic Effect Via Apoptosis, Oxidative Stress in Rats: Tissue Injury-Related CYP1A1 Gene Expression. Zagazig Veterinary Journal, 2021, 49, 462-478.	0.1	0