

Ayman S Mohamed

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

133

citations

6

h-index

11

g-index

32

ext. papers

207

ext. citations

2.4

avg, IF

3.59

L-index

#	Paper	IF	Citations
26	Zn contamination stimulate agonistic behavior and oxidative stress of crayfishes (Procambarus clarkii). <i>Journal of Trace Elements in Medicine and Biology</i> , 2022 , 69, 126895	4.1	1
25	The Effect of Zinc Concentration on Physiological, Immunological, and Histological Changes in Crayfish (Procambarus clarkii) as Bio-indicator for Environment Quality Criteria. <i>Biological Trace Element Research</i> , 2022 , 200, 375-384	4.5	0
24	Echinochrome pigment extracted from sea urchin suppress the bacterial activity, inflammation, nociception, and oxidative stress resulted in the inhibition of renal injury in septic rats. <i>Journal of Food Biochemistry</i> , 2021 , e13729	3.3	3
23	Silver/chitosan nanocomposites induce physiological and histological changes in freshwater bivalve. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021 , 65, 126719	4.1	3
22	Echinochrome Exhibits Antitumor Activity against Ehrlich Ascites Carcinoma in Swiss Albino Mice. <i>Nutrition and Cancer</i> , 2021 , 73, 124-132	2.8	6
21	Antitumor activity of saponin isolated from the sea cucumber, against ehrlich ascites carcinoma cells in swiss albino mice. <i>Natural Product Research</i> , 2021 , 35, 1928-1932	2.3	2
20	Pioglitazone improves skeletal muscle functions in reserpine-induced fibromyalgia rat model. <i>Annals of Medicine</i> , 2021 , 53, 1032-1040	1.5	1
19	Antidiabetic Potential of Silver/Chitosan/Ascorbic Acid Nanocomposites. <i>Current Nanomedicine</i> , 2021 , 11, 237-248	0.9	0
18	Sodium pentobarbital dosages for exsanguination affect biochemical, molecular and histological measurements in rats. <i>Scientific Reports</i> , 2020 , 10, 378	4.9	17
17	Echinochrome Pigment Improves Male RatsaFertility. <i>Natural Products Journal</i> , 2020 , 10,	0.6	1
16	Freshwater Clam as a Potential Bioindicator for Silver/Saponin Nanocomposites Toxicity. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020 , 105, 827-834	2.7	3
15	Optimizing and Evaluating the Antihelminthic Activity of the Biocompatible Zinc Oxide Nanoparticles Against the Ascaridid Nematode, Parascaris equorum In Vitro. <i>Acta Parasitologica</i> , 2019 , 64, 873-886	1.7	1
14	Effectiveness of Extract Combination with Atorvastatin on Experimentally Induced Hyperlipidemia in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 9726137	2.3	3
13	Effectiveness of Echinochrome on HFD-Induced Hyperlipidemia in Rats. <i>Natural Products and Bioprospecting</i> , 2019 , 9, 337-344	4.9	5
12	The Teratogenic Mechanism of Echinochrome as a Hypoglycemic Agent on Wistar Rats. <i>Open Biomarkers Journal</i> , 2019 , 9, 79-83	1	1
11	Hepatoprotective Effect of Echinochrome Pigment in Septic Rats. <i>Journal of Surgical Research</i> , 2019 , 234, 317-324	2.5	7
10	Hepatotoxicity effect of short-term Bradykinin potentiating factor in cholestatic rats. <i>Toxicology Letters</i> , 2019 , 301, 73-78	4.4	3

9	The Possible Hypoglycemic Mechanisms of Echinochrome. <i>Current Diabetes Reviews</i> , 2018 , 14, 334-338	2.7	4
8	Effects of 3 Rodent Beddings on Biochemical Measures in Rats and Mice. <i>Journal of the American Association for Laboratory Animal Science</i> , 2018 , 57, 443-446	1.3	4
7	Mechanisms of echinochrome potency in modulating diabetic complications in liver. <i>Life Sciences</i> , 2016 , 151, 41-49	6.8	24
6	Echinochrome pigment attenuates diabetic nephropathy in the models of type 1 and type 2 diabetes. <i>Diabetes Mellitus</i> , 2016 , 19, 464-470	1.6	3
5	Protective and curative effects of the sea cucumber <i>Holothuria atra</i> extract against DMBA-induced hepatorenal diseases in rats. <i>BioMed Research International</i> , 2015 , 2015, 563652	3	28
4	<i>Holothuria arenicola</i> extract modulates bile duct ligation-induced oxidative stress in rat kidney. <i>International Journal of Clinical and Experimental Pathology</i> , 2015 , 8, 1649-57	1.4	4
3	Antioxidant Effect of Sepia Ink Extract on Extrahepatic Cholestasis Induced by Bile Duct Ligation in Rats. <i>Biomedical and Environmental Sciences</i> , 2015 , 28, 582-94	1.1	7
2	Assessment of sepia ink extract role against the kidney dysfunction induced by bile duct ligation. <i>Journal of Basic and Applied Zoology</i> , 2014 , 67, 173-181	2.3	1
1	In vitro anti-Toxocara vitulorum effect of silver nanoparticles. <i>Journal of Parasitic Diseases</i> , 1	1.3	0