

# Ayman S Mohamed

## List of Publications by Year in descending order

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32  
papers

296  
citations

1039880

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h-index

940416

16  
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32  
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32  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1-11.	0.9	53
2	Sodium pentobarbital dosages for exsanguination affect biochemical, molecular and histological measurements in rats. <i>Scientific Reports</i> , 2020, 10, 378.	1.6	46
3	Mechanisms of echinochrome potency in modulating diabetic complications in liver. <i>Life Sciences</i> , 2016, 151, 41-49.	2.0	29
4	Hepatoprotective Effect of Echinochrome Pigment in Septic Rats. <i>Journal of Surgical Research</i> , 2019, 234, 317-324.	0.8	17
5	Optimizing and Evaluating the Antihelminthic Activity of the Biocompatible Zinc Oxide Nanoparticles Against the Ascaridid Nematode, <i>Parascaris equorum</i> In Vitro. <i>Acta Parasitologica</i> , 2019, 64, 873-886.	0.4	14
6	The Effect of Zinc Concentration on Physiological, Immunological, and Histological Changes in Crayfish ( <i>Procambarus clarkii</i> ) as Bio-indicator for Environment Quality Criteria. <i>Biological Trace Element Research</i> , 2022, 200, 375-384.	1.9	11
7	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> , 2022, 46, e13729.	1.2	11
8	Echinochrome Exhibits Antitumor Activity against Ehrlich Ascites Carcinoma in Swiss Albino Mice. <i>Nutrition and Cancer</i> , 2021, 73, 124-132.	0.9	10
9	Effectiveness of <i>Coelatura aegyptiaca</i> Extract Combination with Atorvastatin on Experimentally Induced Hyperlipidemia in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	0.5	9
10	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.	0.2	9
11	Effectiveness of Echinochrome on HFD-Induced Hyperlipidemia in Rats. <i>Natural Products and Bioprospecting</i> , 2019, 9, 337-344.	2.0	8
12	Antitumor activity of saponin isolated from the sea cucumber, <i>holothuria arenicola</i> against ehrlich ascites carcinoma cells in swiss albino mice. <i>Natural Product Research</i> , 2021, 35, 1928-1932.	1.0	8
13	The Possible Hypoglycemic Mechanisms of Echinochrome. <i>Current Diabetes Reviews</i> , 2018, 14, 334-338.	0.6	8
14	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.	0.6	7
15	Pioglitazone improves skeletal muscle functions in reserpine-induced fibromyalgia rat model. <i>Annals of Medicine</i> , 2021, 53, 1033-1041.	1.5	7
16	Zn contamination stimulate agonistic behavior and oxidative stress of crayfishes ( <i>Procambarus</i> )	1.5	7
17	Silver/chitosan nanocomposites induce physiological and histological changes in freshwater bivalve. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 65, 126719.	1.5	6
18	Echinochrome pigment attenuates diabetic nephropathy in the models of type 1 and type 2 diabetes. <i>Diabetes Mellitus</i> , 2016, 19, 464-470.	0.5	6

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19	In vitro anti-Toxocara vitulorum effect of silver nanoparticles. Journal of Parasitic Diseases, 2022, 46, 409-420.	0.4	6
20	Hepatotoxicity effect of short-term Bradykinin potentiating factor in cholestatic rats. Toxicology Letters, 2019, 301, 73-78.	0.4	4
21	Freshwater Clam as a Potential Bioindicator for Silver/Saponin Nanocomposites Toxicity. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 827-834.	1.3	4
22	Holothuria arenicola extract modulates bile duct ligation-induced oxidative stress in rat kidney. International Journal of Clinical and Experimental Pathology, 2015, 8, 1649-57.	0.5	4
23	Assessment of sepia ink extract role against the kidney dysfunction induced by bile duct ligation. Journal of Basic and Applied Zoology, 2014, 67, 173-181.	0.4	2
24	Echinochrome Pigment Improves Male Rats' Fertility. Natural Products Journal, 2020, 10, .	0.1	2
25	The Teratogenic Mechanism of Echinochrome as a Hypoglycemic Agent on Wistar Rats. Open Biomarkers Journal, 2019, 9, 79-83.	0.1	2
26	Formulation and Evaluation of the sea cucumber, Holothuria arenicola extract incorporated skin cream. GSC Biological and Pharmaceutical Sciences, 2020, 13, 232-239.	0.1	2
27	The Concurrent Therapeutic Potential of Adipose-derived Mesenchymal Stem Cells on Gentamycin-induced Hepatorenal Toxicity in Rats. Current Stem Cell Research and Therapy, 2022, 17, 808-814.	0.6	1
28	Antidiabetic Potential of Silver/Chitosan/Ascorbic Acid Nanocomposites. Current Nanomedicine, 2021, 11, 237-248.	0.2	1
29	Therapeutic Effect of Trigonella foenum-graecum I Seeds Extract on Folic Acid-Induced Acute Kidney Injury. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2022, 92, 701-707.	0.4	1
30	Modulatory effect of <i>Ovothiola</i> on myocardial infarction induced by epinephrine in rats. Journal of Food Biochemistry, 2022, 46, .	1.2	1
31	Role of nitric oxide in prevention diabetic nephropathy in females after menopause. GSC Biological and Pharmaceutical Sciences, 2022, 18, 138-145.	0.1	0
32	Histopathological and Immunohistochemical Study of Antiosteoporotic Efficacy of the Earthworm <i>Allobophora caliginosa</i> Extract In Orchiectomized Rats. International Journal of Morphology, 2022, 40, 277-286.	0.1	0