

Alaa G M Osman

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,172
citations

361045

20
h-index

395343

33
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44
all docs

44
docs citations

44
times ranked

1290
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment the effect of exposure to microplastics in Nile Tilapia (<i>Oreochromis niloticus</i>) early juvenile: I. blood biomarkers. <i>Chemosphere</i> , 2019, 228, 345-350.	4.2	141
2	Antioxidants and molecular damage in Nile Tilapia (<i>Oreochromis niloticus</i>) after exposure to microplastics. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14581-14588.	2.7	101
3	Use of hematological parameters to assess the efficiency of quince (<i>Cydonia oblonga</i> Miller) leaf extract in alleviation of the effect of ultraviolet "A radiation on African catfish <i>Clarias gariepinus</i> (Burchell, 1822). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 99, 1-8.	1.7	90
4	Water Quality and Heavy Metal Monitoring in Water, Sediments, and Tissues of the African Catfish <i>Clarias gariepinus</i> (Burchell, 1822) from the River Nile, Egypt. <i>Journal of Environmental Protection</i> , 2010, 01, 389-400.	0.3	90
5	Lead induced malformations in embryos of the African catfish <i>Clarias gariepinus</i> (Burchell, 1822). <i>Journal of Environmental Protection</i> , 2010, 01, 389-400.	0.784314	77
6	Effects of lead nitrate on the activity of metabolic enzymes during early developmental stages of the African catfish, <i>Clarias gariepinus</i> (Burchell, 1822). <i>Fish Physiology and Biochemistry</i> , 2007, 33, 1-13.	0.9	51
7	Effects of ultraviolet A on the activity of two metabolic enzymes, DNA damage and lipid peroxidation during early developmental stages of the African catfish, <i>Clarias gariepinus</i> (Burchell, 1822). <i>Fish Physiology and Biochemistry</i> , 2010, 36, 605-626.	0.9	46
8	In situ evaluation of the genotoxic potential of the river Nile: II. Detection of DNA strand-breakage and apoptosis in <i>Oreochromis niloticus niloticus</i> (Linnaeus, 1758) and <i>Clarias gariepinus</i> (Burchell, 1822). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 747, 14-21.	0.9	45
9	Microplastics induced histopathological lesions in some tissues of tilapia (<i>Oreochromis niloticus</i>) early juveniles. <i>Tissue and Cell</i> , 2021, 71, 101512.	1.0	39
10	Biomarkers in Nile Tilapia <i>Oreochromis niloticus niloticus</i> (Linnaeus, 1758) to Assess the Impacts of River Nile Pollution: Bioaccumulation, Biochemical and Tissues Biomarkers. <i>Journal of Environmental Protection</i> , 2012, 03, 966-977.	0.3	32
11	A case study for assessing fish traceability in Egyptian aquafeed formulations using pyrosequencing and metabarcoding. <i>Fisheries Research</i> , 2016, 174, 143-150.	0.9	32
12	In situ evaluation of the genotoxic potential of the river Nile: I. Micronucleus and nuclear lesion tests of erythrocytes of <i>Oreochromis niloticus niloticus</i> (Linnaeus, 1758) and <i>Clarias gariepinus</i> (Burchell, 1822). <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 1002-1017.	0.6	31
13	Microplastic distribution, abundance, and composition in the sediments, water, and fishes of the Red and Mediterranean seas, Egypt. <i>Marine Pollution Bulletin</i> , 2021, 173, 112966.	2.3	31
14	Monitoring of DNA breakage in embryonic stages of the African catfish <i>Clarias gariepinus</i> (Burchell, 1822) after exposure to lead nitrate using alkaline comet assay. <i>Environmental Toxicology</i> , 2008, 23, 679-687.	2.1	29
15	The case for simplifying and using absolute targets for viral hepatitis elimination goals. <i>Journal of Viral Hepatitis</i> , 2021, 28, 12-19.	1.0	28
16	Enzymatic and histopathologic biomarkers as indicators of aquatic pollution in fishes. <i>Natural Science</i> , 2010, 02, 1302-1311.	0.2	26
17	Modulatory effect of lycopene against carbofuran toxicity in African catfish, <i>Clarias gariepinus</i> . <i>Fish Physiology and Biochemistry</i> , 2017, 43, 1721-1731.	0.9	25
18	Genotoxicity of two pathogenic strains of zoosporic fungi (<i>Achlya klebsiana</i> and <i>Aphanomyces laevis</i>) on erythrocytes of Nile tilapia <i>Oreochromis niloticus niloticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 24-31.	2.9	24

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37	Reproductive behavior of the silver-stripe blaasop; <i>Lagocephalus sceleratus</i> (Gmelin, 1789) from the Mediterranean coast, Egypt.. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2019, 23, 441-454.	0.2	5
38	Ultraviolet A-induced hematotoxic and genotoxic potential in Nile tilapia <i>Oreochromis niloticus</i> . <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1495-1502.	1.6	4
39	Assessment of weather and climate variability over the Western Harbor of Alexandria, Egypt. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2020, 24, 323-339.	0.2	4
40	A case study for application of DNA barcoding in identifying species and genetic diversity of fish from the Suez city market, Egypt. <i>Aquatic Living Resources</i> , 2020, 33, 11.	0.5	2
41	Distribution and Diversity of Living Natural Resources from the Most Northern Red Sea Islands, Egypt: I- Hard and Soft Corals. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2020, 24, 125-145.	0.2	2
42	Modulatory effect of pomegranate peel against cold and salinity stress in the monosex Nile tilapia, <i>Oreochromis niloticus</i> . <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2021, 25, 909-918.	0.2	1
43	Status of Indo-Pacific Bottlenose Dolphin, <i>Tursiops aduncus</i> (Family Delphinidae: Order Cetacea) in the Northern Protected Islands, Hurghada, Red Sea, Egypt. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2021, 25, 681-697.	0.2	1
44	Age and growth of <i>Chrysichthys auratus</i> (Geoffroy 1809) (Family: Claroteidae) from Lake Nasser, Egypt. <i>Egyptian Journal of Aquatic Research</i> , 2021, , .	1.0	1