Alaa G M Osman

List of Publications by Year in descending order

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44 papers

1,172 citations

361045 20 h-index 33 g-index

44 all docs

44 docs citations

times ranked

44

1290 citing authors

#	Article	lF	Citations
1	Assessment the effect of exposure to microplastics in Nile Tilapia (Oreochromis niloticus) early juvenile: I. blood biomarkers. Chemosphere, 2019, 228, 345-350.	4.2	141
2	Antioxidants and molecular damage in Nile Tilapia (Oreochromis niloticus) after exposure to microplastics. Environmental Science and Pollution Research, 2020, 27, 14581-14588.	2.7	101
3	Use of hematological parameters to assess the efficiency of quince (Cydonia oblonga Miller) leaf extract in alleviation of the effect of ultraviolet – A radiation on African catfish Clarias gariepinus (Burchell, 1822). Journal of Photochemistry and Photobiology B: Biology, 2010, 99, 1-8.	1.7	90
4	Water Quality and Heavy Metal Monitoring in Water, Sediments, and Tissues of the African Catfish Clarias gariepinus (Burchell, 1822) from the River Nile, Egypt. Journal of Environmental Protection, 2010, 01, 389-400.	0.3	90
5	Lead induced malformations in embryos of the African catfish <i>Clarias gariepinus</i> (Burchell,) Tj ETQq1 1 0.	784314 rg 2.1	;BT/Qverloc <mark>k</mark> (
6	Effects of lead nitrate on the activity of metabolic enzymes during early developmental stages of the African catfish, Clarias gariepinus (Burchell, 1822). Fish Physiology and Biochemistry, 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, Clarias gariepinus (Burchell, 1822). Fish Physiology and Biochemistry, 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 Oreochromis niloticus niloticus (Linnaeus, 1758) and Clarias gariepinus (Burchell, 1822). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 747, 14-21.	0.9	45
9	Microplastics induced histopathological lesions in some tissues of tilapia (Oreochromis niloticus) early juveniles. Tissue and Cell, 2021, 71, 101512.	1.0	39
10	Biomarkers in Nile Tilapia & Dit; i& Die Chromis niloticus niloticus & Die Chromis niloticus & Die Chromis niloticus & Die Chromis & Die Chrom	0.3	32
11	A case study for assessing fish traceability in Egyptian aquafeed formulations using pyrosequencing and metabarcoding. Fisheries Research, 2016, 174, 143-150.	0.9	32
12	<i>In situ</i> 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). Toxicological and Environmental Chemistry, 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. Marine Pollution Bulletin, 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. Environmental Toxicology, 2008, 23, 679-687.	2.1	29
15	The case for simplifying and using absolute targets for viral hepatitis elimination goals. Journal of Viral Hepatitis, 2021, 28, 12-19.	1.0	28
16	Enzymatic and histopathologic biomarkers as indicators of aquatic pollution in fishes. Natural Science, 2010, 02, 1302-1311.	0.2	26
17	Modulatory effect of lycopene against carbofuran toxicity in African catfish, Clarias gariepinus. Fish Physiology and Biochemistry, 2017, 43, 1721-1731.	0.9	25
18	Genotoxicity of two pathogenic strains of zoosporic fungi (Achlya klebsiana and Aphanomyces laevis) on erythrocytes of Nile tilapia Oreochromis niloticus niloticus. Ecotoxicology and Environmental Safety, 2010, 73, 24-31.	2.9	24

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19	Genotoxicity Tests and Their Contributions in Aquatic Environmental Research. Journal of Environmental Protection, 2014, 05, 1391-1399.	0.3	23
20	Early development of the African catfish Clarias gariepinus (Burchell, 1822), focusing on the ontogeny of selected organs. Journal of Applied Ichthyology, 2008, 24, 187-195.	0.3	21
21	Protective role of Spirulina platensis against UVA-induced haemato-biochemical and cellular alterations in Clarias gariepinus. Journal of Photochemistry and Photobiology B: Biology, 2019, 191, 59-64.	1.7	19
22	Mitochondrial genetic markers for authentication of major Red Sea grouper species (Perciformes:) Tj ETQq0 0 0 0 689, 235-245.	gBT /Over 1.0	lock 10 Tf 50 15
23	Ultrastructural studies of the morphological variations of the egg surface and envelopes of the African catfish Clarias gariepinus (Burchell, 1822) before and after fertilisation with a discussion of fertilisation mechanism. Scientia Marina, 2006, 70, 23-40.	0.3	14
24	Screening of multiple hormonal activities in water and sediment from the river Nile, Egypt, using in vitro bioassay and gonadal histology. Environmental Monitoring and Assessment, 2015, 187, 317.	1.3	13
25	Blood Biomarkers in Nile tilapia Oreochromis niloticus niloticus and African Catfish Clarias gariepinus to Evaluate Water Quality of the River Nile. Journal of Fisheriessciencescom, 2018, 12, .	0.2	13
26	Microplastics-Induced Eryptosis and Poikilocytosis in Early-Juvenile Nile Tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /	Overlock 1.3	10 ₁₃ 50 462
27	SNP-based PCR-RFLP, T-RFLP and FINS methodologies for the identification of commercial fish species in Egypt. Fisheries Research, 2017, 185, 34-42.	0.9	12
28	Evaluation of the Use of Protein Electrophoresis of the African Catfish Clarias gariepinus (Burchell,) Tj ETQq0 0 0	rgBT _. /Ove	rlock 10 Tf 50
29	Feeding behavior of lessepsian fish Etrumeus teres (Dekay, 1842) from the Mediterranean Waters, Egypt. Egyptian Journal of Aquatic Research, 2013, 39, 275-282.	1.0	10
30	Hematotoxic and Genotoxic Potential of Ultraviolet-A Radiation on the African Catfish Clarias gariepinus (Burchell, 1822). Journal of Fisheries International, 2010, 5, 44-53.	0.1	10
31	Age and growth of three common species of goatfish exploited by artisanal fishery in Hurghada fishing area, Egypt. Journal of Applied Ichthyology, 2018, 34, 917-921.	0.3	8
32	Lead-induced heat shock protein (HSP70) and metallothionein (MT) gene expression in the embryos of African catfish Clarias gariepinus (Burchell, 1822). Scientific African, 2019, 3, e00056.	0.7	7
33	Influences of diets supplemented with pomegranate peel on haematology, blood biochemistry and immune status in monosex Nile tilapia, Oreochromis niloticus. Egyptian Journal of Aquatic Biology and Fisheries, 2019, 23, 133-144.	0.2	7
34	Reproductive Biology of Round Herring <i>Etrumeus teres</i> (<i>Dekay</i> , <i>1842</i>) from the Egyptian Mediterranean Water at Alexandria. ISRN Zoology, 2011, 2011, 1-12.	0.5	6
35	Some reproductive aspects of the areolate grouper, Epinephelus areolotus from the Gulf of Suez. Egyptian Journal of Aquatic Research, 2018, 44, 51-56.	1.0	6
36	Catch and effort of night purse seine with emphasize to Age and Growth of lessepsian Etrumeus teres (Dekay, 1842), Mediterranean Sea, Egypt. Egyptian Journal of Aquatic Research, 2014, 40, 181-190.	1.0	5

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37	Reproductive behavior of the silver-stripe blaasop; Lagocephalus sceleratus (Gmelin, 1789) from the Mediterranean coast, Egypt Egyptian Journal of Aquatic Biology and Fisheries, 2019, 23, 441-454.	0.2	5
38	Ultraviolet A-induced hematotoxic and genotoxic potential in Nile tilapiaOreochromis niloticus. Photochemical and Photobiological Sciences, 2019, 18, 1495-1502.	1.6	4
39	Assessment of weather and climate variability over the Western Harbor of Alexandria, Egypt. Egyptian Journal of Aquatic Biology and Fisheries, 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. Aquatic Living Resources, 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. Egyptian Journal of Aquatic Biology and Fisheries, 2020, 24, 125-145.	0.2	2
42	Modulatory effect of pomegranate peel against cold and salinity stress in the monosex Nile tilapia, Oreochromis niloticus. Egyptian Journal of Aquatic Biology and Fisheries, 2021, 25, 909-918.	0.2	1
43	Status of Indo-Pacific Bottlenose Dolphin, Tursiops aduncus (Family Delphinidae: Order Cetacea) in the Northern Protected Islands, Hurghada, Red Sea, Egypt. Egyptian Journal of Aquatic Biology and Fisheries, 2021, 25, 681-697.	0.2	1
44	Age and growth of Chrysichthys auratus (Geoffroy 1809) (Family: Claroteidae) from Lake Nasser, Egypt. Egyptian Journal of Aquatic Research, 2021, , .	1.0	1