

Mustafa Canli

List of Publications by Year in descending order

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61
papers

3,130
citations

218677

26
h-index

155660

55
g-index

61
all docs

61
docs citations

61
times ranked

3132
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationships between heavy metal (Cd, Cr, Cu, Fe, Pb, Zn) levels and the size of six Mediterranean fish species. <i>Environmental Pollution</i> , 2003, 121, 129-136.	7.5	840
2	Heavy Metal Concentrations in Fish Tissues from the Northeast Mediterranean Sea. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 63, 673-681.	2.7	223
3	Changes in serum biochemical parameters of freshwater fish <i>Oreochromis niloticus</i> following prolonged metal (Ag, Cd, Cr, Cu, Zn) exposures. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 360-366.	4.3	177
4	Response of antioxidant system of freshwater fish <i>Oreochromis niloticus</i> to acute and chronic metal (Cd, Cu, Cr, Zn, Fe) exposures. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1884-1889.	6.0	177
5	Reproductive toxicity of dietary zinc to <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2004, 70, 233-244.	4.0	136
6	Response of catalase activity to Ag ⁺ , Cd ²⁺ , Cr ⁶⁺ , Cu ²⁺ and Zn ²⁺ in five tissues of freshwater fish <i>Oreochromis niloticus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 218-224.	2.6	128
7	Effects of heavy metals (Cd, Cu, Cr, Pb, Zn) on fish glutathione metabolism. <i>Environmental Science and Pollution Research</i> , 2015, 22, 3229-3237.	5.3	113
8	Enzymatic responses to metal exposures in a freshwater fish <i>Oreochromis niloticus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 145, 282-287.	2.6	91
9	Toxicity of heavy metals dissolved in sea water and influences of sex and size on metal accumulation and tissue distribution in the Norway lobster <i>Nephrops norvegicus</i> . <i>Marine Environmental Research</i> , 1993, 36, 217-236.	2.5	87
10	Copper and Lead Accumulation in Tissues of a Freshwater Fish <i>Tilapia zillii</i> and Its Effects on the Branchial Na,K-ATPase Activity. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 62, 160-168.	2.7	81
11	Responses of metallothionein and reduced glutathione in a freshwater fish <i>Oreochromis niloticus</i> following metal exposures. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 33-38.	4.0	80
12	Mercury and cadmium uptake from seawater and from food by the Norway lobster <i>Nephrops norvegicus</i> . <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 819-828.	4.3	65
13	Alterations in the serum biomarkers belonging to different metabolic systems of fish (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overl 4.0 61	4.0	61
14	The induction of metallothionein in tissues of the Norway lobster <i>Nephrops norvegicus</i> following exposure to cadmium, copper and zinc: The relationships between metallothionein and the metals. <i>Environmental Pollution</i> , 1997, 96, 343-350.	7.5	58
15	Essential metal (Cu, Zn) exposures alter the activity of ATPases in gill, kidney and muscle of tilapia <i>Oreochromis niloticus</i> . <i>Ecotoxicology</i> , 2011, 20, 1861-1869.	2.4	57
16	Serum biomarker levels alter following nanoparticle (Al ₂ O ₃ , CuO, TiO ₂) exposures in freshwater fish (<i>Oreochromis niloticus</i>). <i>Environmental Toxicology and Pharmacology</i> , 2018, 62, 181-187.	4.0	52
17	Investigations on the osmoregulation of freshwater fish (<i>Oreochromis niloticus</i>) following exposures to metals (Cd, Cu) in differing hardness. <i>Ecotoxicology and Environmental Safety</i> , 2013, 92, 79-86.	6.0	42
18	Natural Occurrence of Metallothionein-Like Proteins in the Liver of Fish <i>Oreochromis niloticus</i> and Effects of Cadmium, Lead, Copper, Zinc, and Iron Exposures on Their Profiles. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 70, 619-627.	2.7	40

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19	Metal (Cd, Pb, Cu, Zn, Fe, Cr, Ni) Concentrations in Tissues of a Fish <i>Sardina pilchardus</i> and a Prawn <i>Peaenus japonicus</i> from Three Stations on the Mediterranean Sea. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2001, 67, 75-82.	2.7	36
20	Effects of Cypermethrin on Antioxidant Enzyme Activities and Lipid Peroxidation in Liver and Kidney of the Freshwater Fish, <i>Oreochromis niloticus</i> and <i>Cyprinus carpio</i> (L.). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2001, 67, 657-664.	2.7	35
21	The effects of increased freshwater salinity in the bioavailability of metals (Cr, Pb) and effects on antioxidant systems of <i>Oreochromis niloticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2012, 84, 249-253.	6.0	35
22	Characterization of antioxidant system parameters in four freshwater fish species. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 30-37.	6.0	34
23	Effects of fish size on the response of antioxidant systems of <i>Oreochromis niloticus</i> following metal exposures. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1083-91.	2.3	32
24	Response of the antioxidant enzymes of the erythrocyte and alterations in the serum biomarkers in rats following oral administration of nanoparticles. <i>Environmental Toxicology and Pharmacology</i> , 2017, 50, 145-150.	4.0	30
25	Effects of Metal (Ag, Cd, Cr, Cu, Zn) Exposures on Some Enzymatic and Non-Enzymatic Indicators in the Liver of <i>Oreochromis niloticus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 317-321.	2.7	29
26	The Effects of Salinity and Salinity+Metal (Chromium and Lead) Exposure on ATPase Activity in the Gill and Intestine of <i>Tilapia Oreochromis niloticus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 64, 291-300.	4.1	27
27	Response of the antioxidant enzymes of rats following oral administration of metal-oxide nanoparticles (Al ₂ O ₃ , CuO, TiO ₂). <i>Environmental Science and Pollution Research</i> , 2019, 26, 938-945.	5.3	27
28	Metals (Ag ⁺ , Cd ²⁺ , Cr ⁶⁺) affect ATPase activity in the gill, kidney, and muscle of freshwater fish <i>Oreochromis niloticus</i> following acute and chronic exposures. <i>Environmental Toxicology</i> , 2013, 28, 707-717.	4.0	25
29	Low water conductivity increases the effects of copper on the serum parameters in fish (<i>Oreochromis niloticus</i>). <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 606-613.	4.0	24
30	Response of ATPases in the osmoregulatory tissues of freshwater fish <i>Oreochromis niloticus</i> exposed to copper in increased salinity. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 391-401.	2.3	23
31	Effects of Metal (Cd, Cu, Zn) Interactions on the Profiles of Metallothionein-Like Proteins in the Nile Fish <i>Oreochromis niloticus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 390-399.	2.7	19
32	Responses of biomarkers belonging to different metabolic systems of rats following oral administration of aluminium nanoparticle. <i>Environmental Toxicology and Pharmacology</i> , 2019, 69, 72-79.	4.0	19
33	Effects of aluminum, copper and titanium nanoparticles on the liver antioxidant enzymes of the Nile fish (<i>Oreochromis niloticus</i>). <i>Energy Reports</i> , 2020, 6, 62-67.	5.1	19
34	Effects of aluminum, copper, and titanium nanoparticles on some blood parameters in Wistar rats. <i>Turkish Journal of Zoology</i> , 2017, 41, 259-266.	0.9	18
35	The effects of cyfluthrin on some biomarkers in the liver and kidney of Wistar rats. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4747-4752.	5.3	17
36	The effects of temperature and metal exposures on the profiles of metallothionein-like proteins in <i>Oreochromis niloticus</i> . <i>Environmental Toxicology and Pharmacology</i> , 2007, 23, 33-38.	4.0	15

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37	Heavy metal levels in economically important fish species sold by fishermen in Karatas (Adana /) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.9	13
38	Dietary and water-borne Zn exposures affect energy reserves and subsequent Zn tolerance of <i>Daphnia magna</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 110-116.	2.6	12
39	Response of Antioxidant System of <i>Tilapia (Oreochromis niloticus)</i> Following Exposure to Chromium and Copper in Differing Hardness. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 92, 680-686.	2.7	12
40	Investigations on the effects of etoxazole in the liver and kidney of Wistar rats. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19635-19639.	5.3	12
41	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2013, 14, .	0.9	11
42	Effects of copper pre-exposure routes on the energy reserves and subsequent copper toxicity in <i>Daphnia magna</i> . <i>Environmental Toxicology</i> , 2006, 21, 521-527.	4.0	10
43	Effects of Cd, Zn and Cd+Zn Combination on ATPase Activity in the Gill and Muscle of <i>Tilapia (Oreochromis niloticus)</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 420-425.	2.7	9
44	The Transfer of Zinc in Two Linked Trophic Levels in Fresh Water and Its Effect on the Reproduction of <i>Daphnia magna</i> . <i>Journal of Freshwater Ecology</i> , 2005, 20, 269-276.	1.2	7
45	Antioxidant system biomarkers of freshwater mussel (<i>Unio tigridis</i>) respond to nanoparticle (Al ₂ O ₃ , CuO, TiO ₂) exposures. <i>Biomarkers</i> , 2021, 26, 434-442.	1.9	7
46	Natural Occurrence of Metallothioneinlike Proteins in Liver Tissues of Four Fish Species from the Northeast Mediterranean Sea. <i>Water Environment Research</i> , 2007, 79, 958-963.	2.7	6
47	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2016, 16, .	0.9	6
48	MERCURY AND CADMIUM UPTAKE FROM SEAWATER AND FROM FOOD BY THE NORWAY LOBSTER NEPHROPS NORVEGICUS. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 819.	4.3	6
49	Salinity and/or nanoparticles (Al ₂ O ₃ , TiO ₂) affect metal accumulation and ATPase activity in freshwater fish (<i>Oreochromis niloticus</i>). <i>Environmental Toxicology and Pharmacology</i> , 2022, 94, 103931.	4.0	6
50	Responses of the Antioxidant and Osmoregulation Systems of Fish Erythrocyte Following Copper Exposures in Differing Calcium Levels. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 601-608.	2.7	5
51	The effects of titanium nanoparticles on enzymatic and non-enzymatic biomarkers in female Wistar rats. <i>Drug and Chemical Toxicology</i> , 2020, , 1-9.	2.3	5
52	Investigations of the nervous system biomarkers in the brain and muscle of freshwater fish () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 <i>Zoology</i> , 2020, 44, 90-103.	0.9	5
53	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2015, 15, .	0.9	4
54	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2019, 19, .	0.9	4

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55	Characterization of ATPases in the gill of freshwater mussel (<i>Unio tigridis</i>) and effects of ionic and nanoparticle forms of aluminium and copper. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 247, 109059.	2.6	4
56	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2012, 12, .	0.9	4
57	Alterations in ion levels of freshwater fish <i>Oreochromis niloticus</i> following acute and chronic exposures to five heavy metals. <i>Turkish Journal of Zoology</i> , 0, , .	0.9	4
58	Nanoparticles (Al ₂ O ₃ , CuO, TiO ₂) Decrease ATPase Activity in the Osmoregulatory Organs of Freshwater Fish (<i>Oreochromis niloticus</i>); Histopathological Investigations of Tissues by Transmission Electron Microscope. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
59	Accumulation and Distribution of Nanoparticles (Al ₂ O ₃ , CuO, and TiO ₂) in Tissues of Freshwater Mussel (<i>Unio tigridis</i>). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, , .	2.7	3
60	Acute and chronic metal (Cd, Pb) exposures alter red blood cell ATPase activity in freshwater fish (<i>Oreochromis niloticus</i>). <i>Toxicology Letters</i> , 2013, 221, S98.	0.8	0
61	The Effects of Chitosan on Aluminium Accumulation in the Gill, Liver and Muscle of Freshwater Fish (<i>Oreochromis niloticus</i>). <i>Kahramanmaraş Stnm niversitesi Tarm Ve Doya Dergisi</i> , 0, , .	0.7	0