

# Mustafa Canli

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

3,130  
citations

218592

26  
h-index

155592

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.  | 3.7 | 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.   | 1.3 | 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.  | 2.2 | 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.  | 2.9 | 177       |
| 5  | Reproductive toxicity of dietary zinc to <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2004, 70, 233-244.  | 1.9 | 136       |
| 6  | Response of catalase activity to Ag <sup>+</sup> , Cd <sup>2+</sup> , Cr <sup>6+</sup> , Cu <sup>2+</sup> and Zn <sup>2+</sup> 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. | 1.3 | 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.   | 2.7 | 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.   | 1.3 | 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.   | 1.1 | 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.  | 1.3 | 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.   | 2.0 | 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.  | 2.2 | 65        |
| 13 | Alterations in the serum biomarkers belonging to different metabolic systems of fish ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBT /Overl<br>2.0 61   | 2.0 | 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.  | 3.7 | 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.   | 1.1 | 57        |
| 16 | Serum biomarker levels alter following nanoparticle (Al <sub>2</sub> O <sub>3</sub> , CuO, TiO <sub>2</sub> ) exposures in freshwater fish ( <i>Oreochromis niloticus</i> ). <i>Environmental Toxicology and Pharmacology</i> , 2018, 62, 181-187.  | 2.0 | 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.   | 2.9 | 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.                                  | 1.3 | 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.         | 1.3 | 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. | 1.3 | 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.   | 2.9 | 35        |
| 22 | Characterization of antioxidant system parameters in four freshwater fish species. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 30-37.   | 2.9 | 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.  | 0.9 | 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.   | 2.0 | 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.   | 1.3 | 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.                            | 2.1 | 27        |
| 27 | Response of the antioxidant enzymes of rats following oral administration of metal-oxide nanoparticles (Al <sub>2</sub> O <sub>3</sub> , CuO, TiO <sub>2</sub> ). <i>Environmental Science and Pollution Research</i> , 2019, 26, 938-945.                                   | 2.7 | 27        |
| 28 | Metals (Ag <sup>+</sup> , Cd <sup>2+</sup> , Cr <sup>6+</sup> ) 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.           | 2.1 | 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.   | 2.0 | 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.  | 0.9 | 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.   | 1.3 | 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.  | 2.0 | 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.   | 2.5 | 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.  | 0.4 | 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.  | 2.7 | 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.  | 2.0 | 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   | 1.9 | 13        |
| 38 | Dietary and water-borne Zn exposures affect energy reserves and subsequent Zn tolerance of <i>Daphnia magna</i> . Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2005, 141, 110-116.   | 1.3 | 12        |
| 39 | Response of Antioxidant System of Tilapia ( <i>Oreochromis niloticus</i> ) Following Exposure to Chromium and Copper in Differing Hardness. Bulletin of Environmental Contamination and Toxicology, 2014, 92, 680-686. | 1.3 | 12        |
| 40 | Investigations on the effects of etoxazole in the liver and kidney of Wistar rats. Environmental Science and Pollution Research, 2017, 24, 19635-19639.  | 2.7 | 12        |
| 41 | Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2013, 14, .  | 0.4 | 11        |
| 42 | Effects of copper pre-exposure routes on the energy reserves and subsequent copper toxicity in <i>Daphnia magna</i> . Environmental Toxicology, 2006, 21, 521-527.   | 2.1 | 10        |
| 43 | Effects of Cd, Zn and Cd+Zn Combination on ATPase Activity in the Gill and Muscle of Tilapia ( <i>Oreochromis niloticus</i> ). Bulletin of Environmental Contamination and Toxicology, 2013, 91, 420-425.              | 1.3 | 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> . Journal of Freshwater Ecology, 2005, 20, 269-276.  | 0.5 | 7         |
| 45 | Antioxidant system biomarkers of freshwater mussel ( <i>Unio tigris</i> ) respond to nanoparticle ( $Al_2O_3$ , $CuO$ , $TiO_2$ ) exposures. Biomarkers, 2021, 26, 434-442.  | 0.9 | 7         |
| 46 | Natural Occurrence of Metallothioneinlike Proteins in Liver Tissues of Four Fish Species from the Northeast Mediterranean Sea. Water Environment Research, 2007, 79, 958-963.  | 1.3 | 6         |
| 47 | Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2016, 16, .  | 0.4 | 6         |
| 48 | MERCURY AND CADMIUM UPTAKE FROM SEAWATER AND FROM FOOD BY THE NORWAY LOBSTER NEPHROPS NORVEGICUS. Environmental Toxicology and Chemistry, 1995, 14, 819.   | 2.2 | 6         |
| 49 | Salinity and/or nanoparticles ( $Al_2O_3$ , $TiO_2$ ) affect metal accumulation and ATPase activity in freshwater fish ( <i>Oreochromis niloticus</i> ). Environmental Toxicology and Pharmacology, 2022, 94, 103931.  | 2.0 | 6         |
| 50 | Responses of the Antioxidant and Osmoregulation Systems of Fish Erythrocyte Following Copper Exposures in Differing Calcium Levels. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 601-608.         | 1.3 | 5         |
| 51 | The effects of titanium nanoparticles on enzymatic and non-enzymatic biomarkers in female Wistar rats. Drug and Chemical Toxicology, 2020, , 1-9.  | 1.2 | 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 Zoology, 2020, 44, 90-103.  | 0.4 | 5         |
| 53 | Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2015, 15, .  | 0.4 | 4         |
| 54 | Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2019, 19, .  | 0.4 | 4         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 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.  | 1.3 | 4         |
| 56 | Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2012, 12, .   | 0.4 | 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, , .  | 0.4 | 4         |
| 58 | Nanoparticles (Al <sub>2</sub> O <sub>3</sub> , CuO, TiO <sub>2</sub> ) 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 <sub>2</sub> O <sub>3</sub> , CuO, and TiO <sub>2</sub> ) in Tissues of Freshwater Mussel ( <i>Unio tigridis</i> ). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, , .  | 1.3 | 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.  | 0.4 | 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, , .  | 0.2 | 0         |