

Minghua Wang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,156
citations

361413

20
h-index

526287

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docs citations

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times ranked

1776
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Molecular evidence for suppression of swimming behavior and reproduction in the estuarine rotifer <i>Brachionus koreanus</i> in response to COVID-19 disinfectants. <i>Marine Pollution Bulletin</i> , 2022, 175, 113396. | 5.0 | 14 |
| 2 | Mercury can be transported into marine copepod by polystyrene nanoplastics but is not bioaccumulated: An increased risk?. <i>Environmental Pollution</i> , 2022, 303, 119170. | 7.5 | 11 |
| 3 | Effects of microplastics on marine copepods. <i>Ecotoxicology and Environmental Safety</i> , 2021, 217, 112243. | 6.0 | 68 |
| 4 | Projected near-future ocean acidification decreases mercury toxicity in marine copepods. <i>Environmental Pollution</i> , 2021, 284, 117140. | 7.5 | 13 |
| 5 | CO ₂ -driven seawater acidification increases cadmium toxicity in a marine copepod. <i>Marine Pollution Bulletin</i> , 2021, 173, 113145. | 5.0 | 2 |
| 6 | Multigenerational Mitigating Effects of Ocean Acidification on <i>In Vivo</i> Endpoints, Antioxidant Defense, DNA Damage Response, and Epigenetic Modification in an Asexual Monogonont Rotifer. <i>Environmental Science & Technology</i> , 2020, 54, 7858-7869. | 10.0 | 19 |
| 7 | Transgenerational acclimation to changes in ocean acidification in marine invertebrates. <i>Marine Pollution Bulletin</i> , 2020, 153, 111006. | 5.0 | 26 |
| 8 | Warmer temperature increases mercury toxicity in a marine copepod. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110861. | 6.0 | 20 |
| 9 | Transgenerational Proteome Plasticity in Resilience of a Marine Copepod in Response to Environmentally Relevant Concentrations of Microplastics. <i>Environmental Science & Technology</i> , 2019, 53, 8426-8436. | 10.0 | 81 |
| 10 | Effects of ocean acidification on life parameters and antioxidant system in the marine copepod <i>Tigriopus japonicus</i> . <i>Aquatic Toxicology</i> , 2019, 212, 186-193. | 4.0 | 33 |
| 11 | Quantitative Shotgun Proteomics Associates Molecular-Level Cadmium Toxicity Responses with Compromised Growth and Reproduction in a Marine Copepod under Multigenerational Exposure. <i>Environmental Science & Technology</i> , 2018, 52, 1612-1623. | 10.0 | 27 |
| 12 | Effects of ocean acidification on copepods. <i>Aquatic Toxicology</i> , 2018, 196, 17-24. | 4.0 | 46 |
| 13 | Nanoplastic Ingestion Enhances Toxicity of Persistent Organic Pollutants (POPs) in the Monogonont Rotifer <i>Brachionus koreanus</i> via Multixenobiotic Resistance (MXR) Disruption. <i>Environmental Science & Technology</i> , 2018, 52, 11411-11418. | 10.0 | 197 |
| 14 | Adverse effects of methylmercury (MeHg) on life parameters, antioxidant systems, and MAPK signaling pathways in the copepod <i>Tigriopus japonicus</i> . <i>Aquatic Toxicology</i> , 2017, 184, 133-141. | 4.0 | 33 |
| 15 | Global Proteome Profiling of a Marine Copepod and the Mitigating Effect of Ocean Acidification on Mercury Toxicity after Multigenerational Exposure. <i>Environmental Science & Technology</i> , 2017, 51, 5820-5831. | 10.0 | 38 |
| 16 | Alleviation of mercury toxicity to a marine copepod under multigenerational exposure by ocean acidification. <i>Scientific Reports</i> , 2017, 7, 324. | 3.3 | 27 |
| 17 | Different transcriptomic responses of two marine copepods, <i>Tigriopus japonicus</i> and <i>Pseudodiaptomus annandalei</i> , to a low dose of mercury chloride (HgCl ₂). <i>Aquatic Toxicology</i> , 2017, 187, 124-131. | 4.0 | 30 |
| 18 | Adverse effects of BDE-47 on life cycle parameters, antioxidant system, and activation of MAPK signaling pathway in the rotifer <i>Brachionus koreanus</i> . <i>Aquatic Toxicology</i> , 2017, 186, 105-112. | 4.0 | 20 |

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|----|---|-----|-----------|
| 19 | Adverse effects of methylmercury (MeHg) on life parameters, antioxidant systems, and MAPK signaling pathways in the rotifer <i>Brachionus koreanus</i> and the copepod <i>Paracyclopsina nana</i> . <i>Aquatic Toxicology</i> , 2017, 190, 181-189. | 4.0 | 44 |
| 20 | Comparative quantitative proteomics unveils putative mechanisms involved into mercury toxicity and tolerance in <i>Tigriopus japonicus</i> under multigenerational exposure scenario. <i>Environmental Pollution</i> , 2016, 218, 1287-1297. | 7.5 | 29 |
| 21 | Impacts of mercury exposure on life history traits of <i>Tigriopus japonicus</i> : Multigeneration effects and recovery from pollution. <i>Aquatic Toxicology</i> , 2015, 166, 42-49. | 4.0 | 35 |
| 22 | Quantitative proteomic analysis reveals proteins involved in the neurotoxicity of marine medaka <i>Oryzias melastigma</i> chronically exposed to inorganic mercury. <i>Chemosphere</i> , 2015, 119, 1126-1133. | 8.2 | 26 |
| 23 | Quantitative proteomic analysis reveals the mode-of-action for chronic mercury hepatotoxicity to marine medaka (<i>Oryzias melastigma</i>). <i>Aquatic Toxicology</i> , 2013, 130-131, 123-131. | 4.0 | 38 |
| 24 | Proteome profiles in medaka (<i>Oryzias melastigma</i>) liver and brain experimentally exposed to acute inorganic mercury. <i>Aquatic Toxicology</i> , 2011, 103, 129-139. | 4.0 | 56 |
| 25 | Oxidative damage effects in the copepod <i>Tigriopus japonicus</i> Mori experimentally exposed to nickel. <i>Ecotoxicology</i> , 2010, 19, 273-284. | 2.4 | 52 |
| 26 | Protein profiles in zebrafish (<i>Danio rerio</i>) brains exposed to chronic microcystin-LR. <i>Chemosphere</i> , 2010, 81, 716-724. | 8.2 | 80 |
| 27 | Proteomic Analysis of Hepatic Tissue of Zebrafish (<i>Danio rerio</i>) Experimentally Exposed to Chronic Microcystin-LR. <i>Toxicological Sciences</i> , 2010, 113, 60-69. | 3.1 | 91 |