

Minghua Wang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,156
citations

361413

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526287

27
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docs citations

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times ranked

1776
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Protein profiles in zebrafish (<i>Danio rerio</i>) brains exposed to chronic microcystin-LR. <i>Chemosphere</i> , 2010, 81, 716-724.	8.2	80
5	Effects of microplastics on marine copepods. <i>Ecotoxicology and Environmental Safety</i> , 2021, 217, 112243.	6.0	68
6	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
7	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
8	Effects of ocean acidification on copepods. <i>Aquatic Toxicology</i> , 2018, 196, 17-24.	4.0	46
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	Alleviation of mercury toxicity to a marine copepod under multigenerational exposure by ocean acidification. <i>Scientific Reports</i> , 2017, 7, 324.	3.3	27
18	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

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19	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
20	Transgenerational acclimation to changes in ocean acidification in marine invertebrates. <i>Marine Pollution Bulletin</i> , 2020, 153, 111006.	5.0	26
21	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
22	Warmer temperature increases mercury toxicity in a marine copepod. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110861.	6.0	20
23	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
24	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
25	Projected near-future ocean acidification decreases mercury toxicity in marine copepods. <i>Environmental Pollution</i> , 2021, 284, 117140.	7.5	13
26	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
27	CO ₂ -driven seawater acidification increases cadmium toxicity in a marine copepod. <i>Marine Pollution Bulletin</i> , 2021, 173, 113145.	5.0	2