

Chen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

665
citations

567281

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h-index

713466

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21
all docs

21
docs citations

21
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Polystyrene Nanoplastics Toxicity to Zebrafish: Dysregulation of the Brain-Intestine-Microbiota Axis. ACS Nano, 2022, 16, 8190-8204.	14.6	72
2	Microplastics profile in a typical urban river in Beijing. Science of the Total Environment, 2020, 743, 140708.	8.0	67
3	Transgenerational neurotoxicity of polystyrene microplastics induced by oxidative stress in <i>Caenorhabditis elegans</i> . Chemosphere, 2021, 272, 129642.	8.2	57
4	Chronic exposure to UV-aged microplastics induces neurotoxicity by affecting dopamine, glutamate, and serotonin neurotransmission in <i>Caenorhabditis elegans</i> . Journal of Hazardous Materials, 2021, 419, 126482.	12.4	54
5	Toxicity assessments with <i>Daphnia magna</i> of Guadipyr, a new neonicotinoid insecticide and studies of its effect on acetylcholinesterase (AChE), glutathione S-transferase (GST), catalase (CAT) and chitinase activities. Ecotoxicology and Environmental Safety, 2013, 98, 339-344.	6.0	49
6	Environmentally Relevant Concentrations of the Organophosphorus Flame Retardant Triphenyl Phosphate Impaired Testicular Development and Reproductive Behaviors in Japanese Medaka (<i>Oryzias latipes</i>). Environmental Science & Technology, 2010, 44, 1070-1076.	10.0	48
7	Humic acid promoted activation of peroxydisulfate by Fe ₃ O ₄ for degradation of 2,4,6-trichlorophenol: An experimental and theoretical study. Journal of Hazardous Materials, 2022, 434, 128913.	12.4	38
8	Life cycle exposure to propiconazole reduces fecundity by disrupting the steroidogenic pathway and altering DNA methylation in zebrafish (<i>Danio rerio</i>). Environment International, 2020, 135, 105384.	10.0	37
9	Reproductive toxicity of UV-photodegraded polystyrene microplastics induced by DNA damage-dependent cell apoptosis in <i>Caenorhabditis elegans</i> . Science of the Total Environment, 2022, 811, 152350.	8.0	34
10	Chronic exposure of zebrafish (<i>Danio rerio</i>) to flutolanil leads to endocrine disruption and reproductive disorders. Environmental Research, 2020, 184, 109310.	7.5	30
11	Flumethrin at sublethal concentrations induces stresses in adult honey bees (<i>Apis mellifera</i> L.). Science of the Total Environment, 2020, 700, 134500.	8.0	28
12	Flumethrin at honey-relevant levels induces physiological stresses to honey bee larvae (<i>Apis mellifera</i>). Environmental Science & Technology, 2010, 44, 1070-1076.	8.0	25
13	Equol Induces Gonadal Intersex in Japanese Medaka (<i>Oryzias latipes</i>) at Environmentally Relevant Concentrations: Comparison with 17 β -Estradiol. Environmental Science & Technology, 2016, 50, 7852-7860.	10.0	24
14	17 β -Estradiol Induces Gonadal Intersex in Japanese Medaka (<i>Oryzias latipes</i>) at Environmentally Relevant Concentrations: Comparison with 17 β -Estradiol. Environmental Science & Technology, 2016, 50, 462-469.	10.0	24
15	Adverse Effects of Triclosan and Binary Mixtures with 17 β -Estradiol on Testicular Development and Reproduction in Japanese Medaka (<i>Oryzias latipes</i>) at Environmentally Relevant Concentrations. Environmental Science and Technology Letters, 2018, 5, 136-141.	8.7	21
16	Biosensor Medaka for Monitoring Intersex Caused by Estrogenic Chemicals. Environmental Science & Technology, 2014, 48, 140203084006000.	10.0	15
17	The sublethal effects of ethiprole on the development, defense mechanisms, and immune pathways of honeybees (<i>Apis mellifera</i> L.). Environmental Geochemistry and Health, 2021, 43, 461-473.	3.4	12
18	Carbon nanotubes mediating nano Fe ²⁺ -FeOOH reduction by <i>Shewanella putrefaciens</i> CN32 to enhance tetrabromobisphenol A removal. Science of the Total Environment, 2021, 777, 146183.	8.0	12

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19	Potential Link between Equol Pollution and Field-Observed Intersex in Wild So-iuy Mulletts (<i> Mugil) Tj ETQq1 1 0.784314 rgBT /Over	10.0	10
20	Pseudo toxicity abatement effect of norfloxacin and copper combined exposure on Caenorhabditis elegans. Chemosphere, 2022, 287, 132019.	8.2	10
21	Tris(1,3-dichloro-2-propyl) phosphate reduces longevity through a specific microRNA-mediated DAF-16/FoxO in an unconventional insulin/insulin-like growth factorâ€™1 signaling pathway. Journal of Hazardous Materials, 2022, 425, 128043.	12.4	8