

Bin Xia

List of Publications by Year in descending order

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1,907
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430442

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2223
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#	ARTICLE	IF	CITATIONS
1	Secondary PVC microplastics are more toxic than primary PVC microplastics to <i>Oryzias melastigma</i> embryos. <i>Journal of Hazardous Materials</i> , 2022, 424, 127421.	6.5	40
2	Fate, source and mass budget of sedimentary microplastics in the Bohai Sea and the Yellow Sea. <i>Environmental Pollution</i> , 2022, 294, 118640.	3.7	16
3	UV-B radiation enhances the toxicity of TiO ₂ nanoparticles to the marine microalga <i>Chlorella pyrenoidosa</i> by disrupting the protection function of extracellular polymeric substances. <i>Environmental Science: Nano</i> , 2022, 9, 1591-1604.	2.2	7
4	Influence of Commercial-Scale Seaweed Cultivation on Water Quality: A Case Study in a Typical Laver Culture Area of the Yellow Sea, North China. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 681.	1.2	5
5	Microplastic pollution in surface seawater of Sanggou Bay, China: Occurrence, source and inventory. <i>Marine Pollution Bulletin</i> , 2021, 162, 111899.	2.3	34
6	Factors influencing the occurrence and distribution of microplastics in coastal sediments: From source to sink. <i>Journal of Hazardous Materials</i> , 2021, 410, 124982.	6.5	44
7	Polystyrene microplastics increase uptake, elimination and cytotoxicity of decabromodiphenyl ether (BDE-209) in the marine scallop <i>Chlamys farreri</i> . <i>Environmental Pollution</i> , 2020, 258, 113657.	3.7	52
8	CO ₂ -driven ocean acidification weakens mussel shell defense capacity and induces global molecular compensatory responses. <i>Chemosphere</i> , 2020, 243, 125415.	4.2	42
9	Spatiotemporal distribution, source identification and inventory of microplastics in surface sediments from Sanggou Bay, China. <i>Science of the Total Environment</i> , 2020, 723, 138064.	3.9	52
10	Impact of mariculture-derived microplastics on bacterial biofilm formation and their potential threat to mariculture: A case in situ study on the Sungo Bay, China. <i>Environmental Pollution</i> , 2020, 262, 114336.	3.7	63
11	Influence of shellfish biodeposition on coastal sedimentary organic matter: A case study from Sanggou Bay, China. <i>Continental Shelf Research</i> , 2019, 172, 12-21.	0.9	14
12	Sorption of polybrominated diphenyl ethers by microplastics. <i>Marine Pollution Bulletin</i> , 2019, 145, 260-269.	2.3	121
13	Microplastic ingestion in deep-sea fish from the South China Sea. <i>Science of the Total Environment</i> , 2019, 677, 493-501.	3.9	145
14	Toxicity of BDE-47, BDE-99 and BDE-153 on swimming behavior of the unicellular marine microalgae <i>Platymonas subcordiformis</i> and implications for seawater quality assessment. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 408-416.	2.9	16
15	Polybrominated diphenyl ethers in the dissolved and suspended phases of seawater from Sanggou Bay, east China. <i>Chemosphere</i> , 2018, 203, 253-262.	4.2	26
16	Microplastic pollution in North Yellow Sea, China: Observations on occurrence, distribution and identification. <i>Science of the Total Environment</i> , 2018, 636, 20-29.	3.9	281
17	Ocean acidification increases the toxic effects of TiO ₂ nanoparticles on the marine microalga <i>Chlorella vulgaris</i> . <i>Journal of Hazardous Materials</i> , 2018, 346, 1-9.	6.5	42
18	Toxicities of polystyrene nano- and microplastics toward marine bacterium <i>Halomonas alkaliphila</i> . <i>Science of the Total Environment</i> , 2018, 642, 1378-1385.	3.9	248

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19	Polystyrene microplastics alter the behavior, energy reserve and nutritional composition of marine jacobever (<i>Sebastes schlegelii</i>). <i>Journal of Hazardous Materials</i> , 2018, 360, 97-105.	6.5	295
20	Polybrominated diphenyl ethers in marine sediments of Sanggou Bay in east China. <i>Marine Pollution Bulletin</i> , 2017, 115, 459-464.	2.3	17
21	Effects of TiO ₂ nanoparticles at predicted environmental relevant concentration on the marine scallop <i>Chlamys farreri</i> : An integrated biomarker approach. <i>Environmental Toxicology and Pharmacology</i> , 2017, 50, 128-135.	2.0	68
22	Trophic transfer of TiO ₂ nanoparticles from marine microalga (<i>Nitzschia closterium</i>) to scallop (<i>Chlamys farreri</i>) and related toxicity. <i>Environmental Science: Nano</i> , 2017, 4, 415-424.	2.2	24
23	Are CuO nanoparticles effects on hemocytes of the marine scallop (<i>Chlamys farreri</i>) caused by particles and/or corresponding released ions?. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 65-72.	2.9	17
24	Transcriptomic response to water accommodated fraction of crude oil exposure in the gill of Japanese flounder, <i>Paralichthys olivaceus</i> . <i>Marine Pollution Bulletin</i> , 2016, 106, 283-291.	2.3	15
25	Interaction of TiO ₂ nanoparticles with the marine microalga <i>Nitzschia closterium</i> : Growth inhibition, oxidative stress and internalization. <i>Science of the Total Environment</i> , 2015, 508, 525-533.	3.9	198
26	Toxicological Effects of Crude Oil: Integrated Biomarker Responses in the Hepatopancreas of Clam <i>Ruditapes philippinarum</i> . <i>Asian Journal of Chemistry</i> , 2014, 26, 3631-3638.	0.1	2
27	Carbon and nitrogen isotopes analysis and sources of organic matter in surface sediments from the Sanggou Bay and its adjacent areas, China. <i>Acta Oceanologica Sinica</i> , 2014, 33, 48-57.	0.4	23