1. Record Nr. UNINA9910576887403321

Autore	Raldua Demetrio
Titolo	Behavioral Impairment in Aquatic Organisms Exposed to Neurotoxic Pollutants
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (152 p.)
Soggetti	Environmental economics Pollution control Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Neuroactive chemicals are the largest group of micropollutants present in European rivers. There is increasing concern about the behavioral effects of these neuroactive chemicals on aquatic wildlife, potentially resulting in detrimental effects on individual, population, and community levels of ecological organization. This Special Issue, titled "Behavioral Impairment in Aquatic Organisms Exposed to Neurotoxic Pollutants", presents original research and review articles addressing behavioral impairment induced by different aquatic invertebrate and vertebrate species to neuroactive chemicals. The selected studies include different methodological approaches, such as multi-compartment, automated plug and play, and homemade setups systems. We believe that this collection provides essential information regarding research and challenges on the behavioral ecotoxicity of invertebrate and vertebrate aquatic organisms, as well as the molecular mechanisms behind these effects.