Nadja R Brun

List of Publications by Year in descending order

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Version: 2024-02-01

25 papers	1,611 citations	567281 15 h-index	642732 23 g-index
29 all docs	29 docs citations	29 times ranked	2074 citing authors

#	Article	IF	Citations
1	Rapid Zebrafish Behavioral Profiling Assay Accelerates the Identification of Environmental Neurodevelopmental Toxicants. Environmental Science & Technology, 2021, 55, 1919-1929.	10.0	24
2	Resistance to Cyp3a induction by polychlorinated biphenyls, including non-dioxin-like PCB153, in gills of killifish (Fundulus heteroclitus) from New Bedford Harbor. Environmental Toxicology and Pharmacology, 2021, 83, 103580.	4.0	4
3	Effect of carcass contamination on necrophagous invertebrate performance. Ecological Processes, 2021, 10, .	3.9	0
4	Transcriptome responses in polar cod (Boreogadus saida) liver slice culture exposed to benzo[a]pyrene and ethynylestradiol: insights into anti-estrogenic effects. Toxicology in Vitro, 2021, 75, 105193.	2.4	7
5	Developmental exposure to non-dioxin-like polychlorinated biphenyls promotes sensory deficits and disrupts dopaminergic and GABAergic signaling in zebrafish. Communications Biology, 2021, 4, 1129.	4.4	7
6	Orphan cytochrome P450 20a1 CRISPR/Cas9 mutants and neurobehavioral phenotypes in zebrafish. Scientific Reports, 2021, 11, 23892.	3.3	5
7	CRISPR-Cas9-Mutated Pregnane X Receptor (pxr) Retains Pregnenolone-induced Expression of cyp3a65 in Zebrafish (Danio rerio) Larvae. Toxicological Sciences, 2020, 174, 51-62.	3.1	9
8	Transglutaminase Activity Determines Nuclear Localization of Serotonin Immunoreactivity in the Early Embryos of Invertebrates and Vertebrates. ACS Chemical Neuroscience, 2019, 10, 3888-3899.	3.5	18
9	Polystyrene nanoplastics disrupt glucose metabolism and cortisol levels with a possible link to behavioural changes in larval zebrafish. Communications Biology, 2019, 2, 382.	4.4	136
10	Reproductive toxicity of primary and secondary microplastics to three cladocerans during chronic exposure. Environmental Pollution, 2019, 249, 638-646.	7.5	124
11	Microplastics accumulate on pores in seed capsule and delay germination and root growth of the terrestrial vascular plant Lepidium sativum. Chemosphere, 2019, 226, 774-781.	8.2	453
12	Mixtures of Aluminum and Indium Induce More than Additive Phenotypic and Toxicogenomic Responses in Daphnia magna. Environmental Science & Technology, 2019, 53, 1639-1649.	10.0	19
13	Nanoparticles induce dermal and intestinal innate immune system responses in zebrafish embryos. Environmental Science: Nano, 2018, 5, 904-916.	4.3	86
14	Acute sensitivity of three Cladoceran species to different types of microplastics in combination with thermal stress. Environmental Pollution, 2018, 239, 733-740.	7.5	81
15	Microbially-mediated indirect effects of silver nanoparticles on aquatic invertebrates. Aquatic Sciences, 2018, 80, 1.	1.5	15
16	Cytotoxicity and molecular effects of biocidal disinfectants (quaternary ammonia, glutaraldehyde,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 eleuthero-embryos. Science of the Total Environment, 2017, 586, 1204-1218.	8.0	56
17	Brood pouch-mediated polystyrene nanoparticle uptake during Daphnia magna embryogenesis. Nanotoxicology, 2017, 11, 1059-1069.	3.0	60
18	Pathway analysis of systemic transcriptome responses to injected polystyrene particles in zebrafish larvae. Aquatic Toxicology, 2017, 190, 112-120.	4.0	131

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19	Exploring uptake and biodistribution of polystyrene (nano)particles in zebrafish embryos at different developmental stages. Aquatic Toxicology, 2017, 190, 40-45.	4.0	173
20	A Novel Experimental and Modelling Strategy for Nanoparticle Toxicity Testing Enabling the Use of Small Quantities. International Journal of Environmental Research and Public Health, 2017, 14, 1348.	2.6	12
21	Printed Sensors and Sensing Systems. , 2016, , 379-420.		1
22	Ecotoxicological assessment of solar cell leachates: Copper indium gallium selenide (CIGS) cells show higher activity than organic photovoltaic (OPV) cells. Science of the Total Environment, 2016, 543, 703-714.	8.0	26
23	Comparative effects of zinc oxide nanoparticles and dissolved zinc on zebrafish embryos and eleuthero-embryos: Importance of zinc ions. Science of the Total Environment, 2014, 476-477, 657-666.	8.0	123
24	Indium and Indium Tin Oxide Induce Endoplasmic Reticulum Stress and Oxidative Stress in Zebrafish (Danio rerio). Environmental Science & Technology, 2014, 48, 11679-11687.	10.0	27
25	Embryotoxic and genotoxic potential of sewage system biofilm and river sediment in the catchment area of a sewage treatment plant in Switzerland. Ecotoxicology and Environmental Safety, 2011, 74, 1271-1279.	6.0	13