

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	Microplastics accumulate on pores in seed capsule and delay germination and root growth of the terrestrial vascular plant <i>Lepidium sativum</i> . <i>Chemosphere</i> , 2019, 226, 774-781.	8.2	453
2	Exploring uptake and biodistribution of polystyrene (nano)particles in zebrafish embryos at different developmental stages. <i>Aquatic Toxicology</i> , 2017, 190, 40-45.	4.0	173
3	Polystyrene nanoplastics disrupt glucose metabolism and cortisol levels with a possible link to behavioural changes in larval zebrafish. <i>Communications Biology</i> , 2019, 2, 382.	4.4	136
4	Pathway analysis of systemic transcriptome responses to injected polystyrene particles in zebrafish larvae. <i>Aquatic Toxicology</i> , 2017, 190, 112-120.	4.0	131
5	Reproductive toxicity of primary and secondary microplastics to three cladocerans during chronic exposure. <i>Environmental Pollution</i> , 2019, 249, 638-646.	7.5	124
6	Comparative effects of zinc oxide nanoparticles and dissolved zinc on zebrafish embryos and eleuthero-embryos: Importance of zinc ions. <i>Science of the Total Environment</i> , 2014, 476-477, 657-666.	8.0	123
7	Nanoparticles induce dermal and intestinal innate immune system responses in zebrafish embryos. <i>Environmental Science: Nano</i> , 2018, 5, 904-916.	4.3	86
8	Acute sensitivity of three Cladoceran species to different types of microplastics in combination with thermal stress. <i>Environmental Pollution</i> , 2018, 239, 733-740.	7.5	81
9	Brood pouch-mediated polystyrene nanoparticle uptake during <i>Daphnia magna</i> embryogenesis. <i>Nanotoxicology</i> , 2017, 11, 1059-1069.	3.0	60
10	Cytotoxicity and molecular effects of biocidal disinfectants (quaternary ammonia, glutaraldehyde,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 eleuthero-embryos. <i>Science of the Total Environment</i> , 2017, 586, 1204-1218.	8.0	56
11	Indium and Indium Tin Oxide Induce Endoplasmic Reticulum Stress and Oxidative Stress in Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2014, 48, 11679-11687.	10.0	27
12	Ecotoxicological assessment of solar cell leachates: Copper indium gallium selenide (CIGS) cells show higher activity than organic photovoltaic (OPV) cells. <i>Science of the Total Environment</i> , 2016, 543, 703-714.	8.0	26
13	Rapid Zebrafish Behavioral Profiling Assay Accelerates the Identification of Environmental Neurodevelopmental Toxicants. <i>Environmental Science & Technology</i> , 2021, 55, 1919-1929.	10.0	24
14	Mixtures of Aluminum and Indium Induce More than Additive Phenotypic and Toxicogenomic Responses in <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2019, 53, 1639-1649.	10.0	19
15	Transglutaminase Activity Determines Nuclear Localization of Serotonin Immunoreactivity in the Early Embryos of Invertebrates and Vertebrates. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3888-3899.	3.5	18
16	Microbially-mediated indirect effects of silver nanoparticles on aquatic invertebrates. <i>Aquatic Sciences</i> , 2018, 80, 1.	1.5	15
17	Embryotoxic and genotoxic potential of sewage system biofilm and river sediment in the catchment area of a sewage treatment plant in Switzerland. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1271-1279.	6.0	13
18	A Novel Experimental and Modelling Strategy for Nanoparticle Toxicity Testing Enabling the Use of Small Quantities. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1348.	2.6	12

#	ARTICLE	IF	CITATIONS
19	CRISPR-Cas9-Mutated Pregnane X Receptor (pxr) Retains Pregnenolone-induced Expression of cyp3a65 in Zebrafish (Danio rerio) Larvae. <i>Toxicological Sciences</i> , 2020, 174, 51-62.	3.1	9
20	Transcriptome responses in polar cod (<i>Boreogadus saida</i>) liver slice culture exposed to benzo[a]pyrene and ethynylestradiol: insights into anti-estrogenic effects. <i>Toxicology in Vitro</i> , 2021, 75, 105193.	2.4	7
21	Developmental exposure to non-dioxin-like polychlorinated biphenyls promotes sensory deficits and disrupts dopaminergic and GABAergic signaling in zebrafish. <i>Communications Biology</i> , 2021, 4, 1129.	4.4	7
22	Orphan cytochrome P450 20a1 CRISPR/Cas9 mutants and neurobehavioral phenotypes in zebrafish. <i>Scientific Reports</i> , 2021, 11, 23892.	3.3	5
23	Resistance to Cyp3a induction by polychlorinated biphenyls, including non-dioxin-like PCB153, in gills of killifish (<i>Fundulus heteroclitus</i>) from New Bedford Harbor. <i>Environmental Toxicology and Pharmacology</i> , 2021, 83, 103580.	4.0	4
24	Printed Sensors and Sensing Systems. , 2016, , 379-420.		1
25	Effect of carcass contamination on necrophagous invertebrate performance. <i>Ecological Processes</i> , 2021, 10, .	3.9	0