

# Thijs Bosker

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,331  
citations

430874

18  
h-index

345221

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2718  
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	A large-scale investigation of microplastic contamination: Abundance and characteristics of microplastics in European beach sediment. <i>Marine Pollution Bulletin</i> , 2017, 123, 219-226.	5.0	321
3	A standardized method for sampling and extraction methods for quantifying microplastics in beach sand. <i>Marine Pollution Bulletin</i> , 2017, 114, 77-83.	5.0	252
4	Evaluating the environmental impacts of dietary recommendations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13412-13417.	7.1	199
5	Pathway analysis of systemic transcriptome responses to injected polystyrene particles in zebrafish larvae. <i>Aquatic Toxicology</i> , 2017, 190, 112-120.	4.0	131
6	Reproductive toxicity of primary and secondary microplastics to three cladocerans during chronic exposure. <i>Environmental Pollution</i> , 2019, 249, 638-646.	7.5	124
7	Marine mammals and microplastics: A systematic review and call for standardisation. <i>Environmental Pollution</i> , 2021, 269, 116142.	7.5	112
8	Plastic particles adsorb to the roots of freshwater vascular plant <i>Spirodela polyrhiza</i> but do not impair growth. <i>Limnology and Oceanography Letters</i> , 2020, 5, 37-45.	3.9	102
9	Microplastic pollution on Caribbean beaches in the Lesser Antilles. <i>Marine Pollution Bulletin</i> , 2018, 133, 442-447.	5.0	86
10	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
11	Making citizen science count: Best practices and challenges of citizen science projects on plastics in aquatic environments. <i>Marine Pollution Bulletin</i> , 2019, 145, 271-277.	5.0	79
12	Significant decline of <i>Daphnia magna</i> population biomass due to microplastic exposure. <i>Environmental Pollution</i> , 2019, 250, 669-675.	7.5	68
13	Determining global distribution of microplastics by combining citizen science and in-depth case studies. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 536-541.	2.9	36
14	Salinity and sensitivity to endocrine disrupting chemicals: A comparison of reproductive endpoints in small-bodied fish exposed under different salinities. <i>Chemosphere</i> , 2017, 183, 186-196.	8.2	25
15	Combined effects of <i>Deepwater Horizon</i> crude oil and environmental stressors on <i>Fundulus grandis</i> embryos. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1916-1925.	4.3	22
16	Challenges and opportunities with the use of biomarkers to predict reproductive impairment in fishes exposed to endocrine disrupting substances. <i>Aquatic Toxicology</i> , 2010, 100, 9-16.	4.0	21
17	Effects of 17 $\beta$ -ethinylestradiol (EE2) on reproductive endocrine status in mummichog ( <i>Fundulus</i> ) Tj ETQq1 1 0.784314 rgBT /Overload 92-103.	4.0	20
18	CHALLENGES IN CURRENT ADULT FISH LABORATORY REPRODUCTIVE TESTS: SUGGESTIONS FOR REFINEMENT USING A MUMMICHOG ( <i>FUNDULUS HETEROCLITUS</i> ) CASE STUDY. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2386.	4.3	18

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19	Sustained high temperature increases the vitellogenin response to 17 $\beta$ -ethynylestradiol in mummichog ( <i>Fundulus heteroclitus</i> ). <i>Aquatic Toxicology</i> , 2012, 118-119, 130-140.	4.0	18
20	Transgenerational effects of polycyclic aromatic hydrocarbon exposure on sheepshead minnows ( <i>Cyprinodon variegatus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 638-649.	4.3	18
21	Combined effects of salinity, temperature, hypoxia, and Deepwater Horizon oil on <i>Fundulus grandis</i> larvae. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 106-113.	6.0	17
22	DETECTABLE EFFECT SIZE AND BIOASSAY POWER OF MUMMICHOG ( <i>FUNDULUS HETEROCLITUS</i> ) AND FATHEAD MINNOW ( <i>PIMEPHALES PROMELAS</i> ) ADULT REPRODUCTIVE TESTS. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2416.	4.3	15
23	The combined effects of salinity, hypoxia, and oil exposure on survival and gene expression in developing sheepshead minnows, <i>Cyprinodon variegatus</i> . <i>Aquatic Toxicology</i> , 2019, 214, 105234.	4.0	14
24	Hypoxia and reduced salinity exacerbate the effects of oil exposure on sheepshead minnow ( <i>Cyprinodon variegatus</i> ) reproduction. <i>Aquatic Toxicology</i> , 2019, 212, 175-185.	4.0	12
25	The combined effect of Macondo oil and corexit on sheepshead minnow ( <i>Cyprinodon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Current Issues, 2017, 80, 477-484.	2.3	12
26	The effects of model androgen 5 $\alpha$ -dihydrotestosterone on mummichog ( <i>Fundulus heteroclitus</i> ) reproduction under different salinities. <i>Aquatic Toxicology</i> , 2015, 165, 266-276.	4.0	11
27	The effects of climate change on wildlife biodiversity of the galapagos islands. <i>Climate Change Ecology</i> , 2021, 2, 100026.	1.9	10
28	Validation of a refined short-term adult fish reproductive test with improved power for mummichog ( <i>Fundulus heteroclitus</i> ) to test complex effluents. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1596-1601.	6.0	9
29	Statistical reporting deficiencies in environmental toxicology. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1737-1739.	4.3	8
30	Parental exposure to Deepwater Horizon oil in different environmental scenarios alters development of sheepshead minnow ( <i>Cyprinodon variegatus</i> ) offspring. <i>Marine Environmental Research</i> , 2019, 150, 104762.	2.5	7
31	The Effects of Final Treated Effluent and In-Mill Waste Streams from a Canadian Thermomechanical Pulp and Paper Mill on Mummichog ( <i>Fundulus heteroclitus</i> ) Reproduction. <i>Water Quality Research Journal of Canada</i> , 2009, 44, 333-344.	2.7	7
32	Laboratory Spawning Patterns of Mummichogs, <i>Fundulus heteroclitus</i> ( <i>Cyprinodontiformes</i> ): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	5
33	Mummichog ( <i>Fundulus heteroclitus</i> ) continue to successfully produce eggs after exposure to high levels of 17 $\beta$ -ethynylestradiol. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1107-1112.	4.3	5
34	Mummichog ( <i>Fundulus heteroclitus</i> ) are less sensitive to 17 $\beta$ -ethynylestradiol (EE2) than other common model teleosts: A comparative review of reproductive effects. <i>General and Comparative Endocrinology</i> , 2020, 289, 113378.	1.8	5
35	Effects of polycyclic aromatic hydrocarbons and abiotic stressors on <i>Fundulus grandis</i> cardiac transcriptomics. <i>Science of the Total Environment</i> , 2021, 752, 142156.	8.0	5
36	Predicted microplastic uptake through trophic transfer by the short-beaked common dolphin ( <i>Delphinus delphis</i> ) and common bottlenose dolphin ( <i>Tursiops truncatus</i> ) in the Northeast Atlantic Ocean and Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2022, 180, 113745.	5.0	3

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37	Harp Seals Do Not Increase Their Call Frequencies When It Gets Noisier. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 1149-1153.	1.6	0