

# Hannes K Imhof

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9571320/publications.pdf>

Version: 2024-02-01

19  
papers

2,870  
citations

623188

14  
h-index

839053

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2945  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contamination of beach sediments of a subalpine lake with microplastic particles. <i>Current Biology</i> , 2013, 23, R867-R868.	1.8	519
2	A novel, highly efficient method for the separation and quantification of plastic particles in sediments of aquatic environments. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 524-537.	1.0	468
3	Beyond the ocean: contamination of freshwater ecosystems with (micro-)plastic particles. <i>Environmental Chemistry</i> , 2015, 12, 539.	0.7	393
4	Pigments and plastic in limnetic ecosystems: A qualitative and quantitative study on microparticles of different size classes. <i>Water Research</i> , 2016, 98, 64-74.	5.3	359
5	Enzymatic Purification of Microplastics in Environmental Samples. <i>Environmental Science &amp; Technology</i> , 2017, 51, 14283-14292.	4.6	338
6	Spatial and temporal variation of macro-, meso- and microplastic abundance on a remote coral island of the Maldives, Indian Ocean. <i>Marine Pollution Bulletin</i> , 2017, 116, 340-347.	2.3	195
7	Do microplastic particles affect <i>Daphnia magna</i> at the morphological, life history and molecular level?. <i>PLoS ONE</i> , 2017, 12, e0187590.	1.1	147
8	Multi-temporal surveys for microplastic particles enabled by a novel and fast application of SWIR imaging spectroscopy – Study of an urban watercourse traversing the city of Berlin, Germany. <i>Environmental Pollution</i> , 2018, 239, 579-589.	3.7	82
9	Hazardous or not – Are adult and juvenile individuals of <i>Potamopyrgus antipodarum</i> affected by non-buoyant microplastic particles?. <i>Environmental Pollution</i> , 2016, 218, 383-391.	3.7	81
10	Analysis of microplastics of a broad size range in commercially important mussels by combining FTIR and Raman spectroscopy approaches. <i>Environmental Pollution</i> , 2021, 269, 116147.	3.7	64
11	Variation in plastic abundance at different lake beach zones - A case study. <i>Science of the Total Environment</i> , 2018, 613-614, 530-537.	3.9	47
12	Modulation of PAH toxicity on the freshwater organism <i>G.Âroeseli</i> by microparticles. <i>Environmental Pollution</i> , 2020, 260, 113999.	3.7	43
13	Microplastic sample purification methods - Assessing detrimental effects of purification procedures on specific plastic types. <i>Science of the Total Environment</i> , 2022, 833, 154824.	3.9	33
14	Microplastic Contamination in Freshwater Systems: Methodological Challenges, Occurrence and Sources. , 2018, , 51-93.		23
15	Invasive zebra mussel ( <i>Dreissena polymorpha</i> ) threatens an exceptionally large population of the depressed river mussel ( <i>Pseudanodonta complanata</i> ) in a postglacial lake. <i>Ecology and Evolution</i> , 2020, 10, 4918-4927.	0.8	15
16	Applications of Computational 3D – Modeling in Organismal Biology. , 0, , .		12
17	A novel, non-invasive and in vivo approach to determine morphometric data in starfish. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 449, 1-9.	0.7	11
18	Can Water Constituents Be Used as Proxy to Map Microplastic Dispersal Within Transitional and Coastal Waters?. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	10

#	ARTICLE	IF	CITATIONS
19	Moving Toward Standardized Toxicity Testing Procedures with Particulates by Dietary Exposure of Gammarids. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1463-1476.	2.2	3