Hannes K Imhof

List of Publications by Year in Descending Order

21 papers	1,988 citations	14 h-index	21 g-index
21 ext. papers	2,419 ext. citations	6.4 avg, IF	5 L-index

#	Paper	IF	Citations
21	Microplastic sample purification methods - Assessing detrimental effects of purification procedures on specific plastic types.. *Science of the Total Environment*, **2022**, 154824	10.2	1
20	Moving Toward Standardized Toxicity Testing Procedures with Particulates by Dietary Exposure of Gammarids. *Environmental Toxicology and Chemistry*, **2021**, 40, 1463-1476	3.8	1
19	Analysis of microplastics of a broad size range in commercially important mussels by combining FTIR and Raman spectroscopy approaches. *Environmental Pollution*, **2021**, 269, 116147	9.3	32
18	Invasive zebra mussel () threatens an exceptionally large population of the depressed river mussel () in a postglacial lake. *Ecology and Evolution*, **2020**, 10, 4918-4927	2.8	9
17	Can Water Constituents Be Used as Proxy to Map Microplastic Dispersal Within Transitional and Coastal Waters?. *Frontiers in Environmental Science*, **2020**, 8,	4.8	2
16	Modulation of PAH toxicity on the freshwater organism G.roeseli by microparticles. *Environmental Pollution*, **2020**, 260, 113999	9.3	27
15	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. *Environmental Pollution*, **2018**, 239, 579-589	9.3	43
14	Variation in plastic abundance at different lake beach zones - A case study. *Science of the Total Environment*, **2018**, 613-614, 530-537	10.2	35
13	Microplastic Contamination in Freshwater Systems: Methodological Challenges, Occurrence and Sources **2018**, 51-93		14
12	Spatial and temporal variation of macro-, meso- and microplastic abundance on a remote coral island of the Maldives, Indian Ocean. *Marine Pollution Bulletin*, **2017**, 116, 340-347	6.7	129
11	Do microplastic particles affect Daphnia magna at the morphological, life history and molecular level?. *PLoS ONE*, **2017**, 12, e0187590	3.7	94
10	Enzymatic Purification of Microplastics in Environmental Samples. *Environmental Science & Technology*, **2017**, 51, 14283-14292	10.3	225
9	Mikroplastik in der Umwelt. *Chemie in Unserer Zeit*, **2017**, 51, 402-412	0.2	17
8	Mikroplastik in Binnengewsern **2017**, 1-35		3
7	Hazardous or not - Are adult and juvenile individuals of Potamopyrgus antipodarum affected by non-buoyant microplastic particles?. *Environmental Pollution*, **2016**, 218, 383-391	9.3	60
6	Pigments and plastic in limnetic ecosystems: A qualitative and quantitative study on microparticles of different size classes. *Water Research*, **2016**, 98, 64-74	12.5	249
5	Beyond the ocean: contamination of freshwater ecosystems with (micro-)plastic particles. *Environmental Chemistry*, **2015**, 12, 539	3.2	278

List of Publications

4	A novel, non-invasive and in vivo approach to determine morphometric data in starfish. *Journal of Experimental Marine Biology and Ecology*, **2013**, 449, 1-9	2.1	10
3	Contamination of beach sediments of a subalpine lake with microplastic particles. *Current Biology*, **2013**, 23, R867-8	6.3	411
2	A novel, highly efficient method for the separation and quantification of plastic particles in sediments of aquatic environments. *Limnology and Oceanography: Methods*, **2012**, 10, 524-537	2.6	343
1	Applications of Computational 3D Modeling in Organismal Biology		5