

Hannes K Imhof

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Contamination of beach sediments of a subalpine lake with microplastic particles. <i>Current Biology</i> , 2013 , 23, R867-8	6.3	411
20	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	2.6	343
19	Beyond the ocean: contamination of freshwater ecosystems with (micro-)plastic particles. <i>Environmental Chemistry</i> , 2015 , 12, 539	3.2	278
18	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	12.5	249
17	Enzymatic Purification of Microplastics in Environmental Samples. <i>Environmental Science & Technology</i> , 2017 , 51, 14283-14292	10.3	225
16	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	6.7	129
15	Do microplastic particles affect <i>Daphnia magna</i> at the morphological, life history and molecular level?. <i>PLoS ONE</i> , 2017 , 12, e0187590	3.7	94
14	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	9.3	60
13	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	9.3	43
12	Variation in plastic abundance at different lake beach zones - A case study. <i>Science of the Total Environment</i> , 2018 , 613-614, 530-537	10.2	35
11	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	9.3	32
10	Modulation of PAH toxicity on the freshwater organism <i>G.ŕoeseli</i> by microparticles. <i>Environmental Pollution</i> , 2020 , 260, 113999	9.3	27
9	Mikroplastik in der Umwelt. <i>Chemie in Unserer Zeit</i> , 2017 , 51, 402-412	0.2	17
8	Microplastic Contamination in Freshwater Systems: Methodological Challenges, Occurrence and Sources 2018 , 51-93		14
7	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	2.1	10
6	Invasive zebra mussel (<i>Dreissena polymorpha</i>) threatens an exceptionally large population of the depressed river mussel (<i>Unio glaucus</i>) in a postglacial lake. <i>Ecology and Evolution</i> , 2020 , 10, 4918-4927	2.8	9
5	Applications of Computational 3D Modeling in Organismal Biology		5

4	Mikroplastik in Binnengewässern 2017 , 1-35		3
3	Can Water Constituents Be Used as Proxy to Map Microplastic Dispersal Within Transitional and Coastal Waters?. <i>Frontiers in Environmental Science</i> , 2020 , 8,	4.8	2
2	Moving Toward Standardized Toxicity Testing Procedures with Particulates by Dietary Exposure of Gammarids. <i>Environmental Toxicology and Chemistry</i> , 2021 , 40, 1463-1476	3.8	1
1	Microplastic sample purification methods - Assessing detrimental effects of purification procedures on specific plastic types.. <i>Science of the Total Environment</i> , 2022 , 154824	10.2	1