

Sonja Oberbeckmann

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,610
citations

331259

21
h-index

642321

23
g-index

26
all docs

26
docs citations

26
times ranked

3283
citing authors

#	ARTICLE	IF	CITATIONS
1	Human impacts and their interactions in the Baltic Sea region. <i>Earth System Dynamics</i> , 2022, 13, 1-80.	2.7	25
2	Genomic and proteomic profiles of biofilms on microplastics are decoupled from artificial surface properties. <i>Environmental Microbiology</i> , 2021, 23, 3099-3115.	1.8	43
3	Cross-Hemisphere Study Reveals Geographically Ubiquitous, Plastic-Specific Bacteria Emerging from the Rare and Unexplored Biosphere. <i>MSphere</i> , 2021, 6, e0085120.	1.3	20
4	<i>Vibrio</i> Colonization Is Highly Dynamic in Early Microplastic-Associated Biofilms as Well as on Field-Collected Microplastics. <i>Microorganisms</i> , 2021, 9, 76.	1.6	48
5	Marine Microbial Assemblages on Microplastics: Diversity, Adaptation, and Role in Degradation. <i>Annual Review of Marine Science</i> , 2020, 12, 209-232.	5.1	264
6	Cultivation and functional characterization of 79 planctomycetes uncovers their unique biology. <i>Nature Microbiology</i> , 2020, 5, 126-140.	5.9	164
7	Transport and Behavior of Microplastics Emissions From Urban Sources in the Baltic Sea. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	36
8	Spatial Environmental Heterogeneity Determines Young Biofilm Assemblages on Microplastics in Baltic Sea Mesocosms. <i>Frontiers in Microbiology</i> , 2019, 10, 1665.	1.5	112
9	Paint particles are a distinct and variable substrate for marine bacteria. <i>Marine Pollution Bulletin</i> , 2019, 146, 117-124.	2.3	24
10	The Eukaryotic Life on Microplastics in Brackish Ecosystems. <i>Frontiers in Microbiology</i> , 2019, 10, 538.	1.5	109
11	Tracing microplastics in aquatic environments based on sediment analogies. <i>Scientific Reports</i> , 2019, 9, 15207.	1.6	68
12	Comparison of $\delta^{13}C$ -ATR-FTIR spectroscopy and py-GCMS as identification tools for microplastic particles and fibers isolated from river sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5313-5327.	1.9	189
13	Microplastics alter composition of fungal communities in aquatic ecosystems. <i>Environmental Microbiology</i> , 2017, 19, 4447-4459.	1.8	182
14	Fate and stability of polyamide-associated bacterial assemblages after their passage through the digestive tract of the blue mussel <i>Mytilus edulis</i> . <i>Marine Pollution Bulletin</i> , 2017, 125, 132-138.	2.3	24
15	Environmental Factors Support the Formation of Specific Bacterial Assemblages on Microplastics. <i>Frontiers in Microbiology</i> , 2017, 8, 2709.	1.5	349
16	Microbes on a Bottle: Substrate, Season and Geography Influence Community Composition of Microbes Colonizing Marine Plastic Debris. <i>PLoS ONE</i> , 2016, 11, e0159289.	1.1	403
17	Analysis of environmental microplastics by vibrational microspectroscopy: FTIR, Raman or both?. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8377-8391.	1.9	611
18	Polystyrene influences bacterial assemblages in <i>Arenicola marina</i> -populated aquatic environments in vitro. <i>Environmental Pollution</i> , 2016, 219, 219-227.	3.7	44

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19	Marine microplastic-associated biofilms – a review. Environmental Chemistry, 2015, 12, 551.	0.7	346
20	Spatial and seasonal variation in diversity and structure of microbial biofilms on marine plastics in Northern European waters. FEMS Microbiology Ecology, 2014, 90, 478-492.	1.3	376
21	Seasonal Dynamics and Modeling of a Vibrio Community in Coastal Waters of the North Sea. Microbial Ecology, 2012, 63, 543-551.	1.4	95
22	A polyphasic approach for the differentiation of environmental Vibrio isolates from temperate waters. FEMS Microbiology Ecology, 2011, 75, 145-162.	1.3	21
23	Occurrence of Vibrio parahaemolyticus and Vibrio alginolyticus in the German Bight over a seasonal cycle. Antonie Van Leeuwenhoek, 2011, 100, 291-307.	0.7	54