

# Carolin VÄJlker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3836965/publications.pdf>

Version: 2024-02-01

22  
papers

2,289  
citations

430874

18  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2752  
citing authors

#	ARTICLE	IF	CITATIONS
1	Explaining risk perception of microplastics: Results from a representative survey in Germany. <i>Global Environmental Change</i> , 2022, 73, 102485.	7.8	22
2	Seawater-Degradable Polymers: Seawater-Degradable Polymers-Fighting the Marine Plastic Pollution (Adv. Sci. 1/2021). <i>Advanced Science</i> , 2021, 8, 2170004.	11.2	18
3	Risk posed by microplastics: Scientific evidence and public perception. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 29, 100467.	5.9	35
4	Plastic Products Leach Chemicals That Induce <i>In Vitro</i> Toxicity under Realistic Use Conditions. <i>Environmental Science &amp; Technology</i> , 2021, 55, 11814-11823.	10.0	97
5	Seawater-Degradable Polymers-Fighting the Marine Plastic Pollution. <i>Advanced Science</i> , 2021, 8, 2001121.	11.2	157
6	Wie ist ein nachhaltiger Umgang mit Plastik möglich?. , 2021, , 175-195.		0
7	On the Creation of Risk: Framing of Microplastics Risks in Science and Media. <i>Global Challenges</i> , 2020, 4, 1900010.	3.6	56
8	Are bioplastics and plant-based materials safer than conventional plastics? In vitro toxicity and chemical composition. <i>Environment International</i> , 2020, 145, 106066.	10.0	166
9	What are the drivers of microplastic toxicity? Comparing the toxicity of plastic chemicals and particles to <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2020, 267, 115392.	7.5	191
10	Sozial-ökologische Gestaltung im Anthropozän. <i>Gaia</i> , 2020, 29, 93-97.	0.7	13
11	Plastics of the Future? The Impact of Biodegradable Polymers on the Environment and on Society. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 50-62.	13.8	898
12	Benchmarking the in Vitro Toxicity and Chemical Composition of Plastic Consumer Products. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11467-11477.	10.0	219
13	Using FTIRS as pre-screening method for detection of microplastic in bulk sediment samples. <i>Science of the Total Environment</i> , 2019, 689, 341-346.	8.0	23
14	Superficial or Substantial: Why Care about Microplastics in the Anthropocene?. <i>Environmental Science &amp; Technology</i> , 2018, 52, 3336-3337.	10.0	52
15	Understanding the Risks of Microplastics: A Social-Ecological Risk Perspective. <i>Handbook of Environmental Chemistry</i> , 2018, , 223-237.	0.4	19
16	Building Capacities for Transdisciplinary Research: Challenges and Recommendations for Early-Career Researchers. <i>Gaia</i> , 2018, 27, 379-386.	0.7	20
17	More Than a Potential Hazard-Approaching Risks from a Social-Ecological Perspective. <i>Sustainability</i> , 2017, 9, 1039.	3.2	12
18	Toxicity of silver nanoparticles and ionic silver: Comparison of adverse effects and potential toxicity mechanisms in the freshwater clam <i>Sphaerium corneum</i> . <i>Nanotoxicology</i> , 2015, 9, 677-685.	3.0	50

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19	Combined effects of silver nanoparticles and 17 $\beta$ -ethinylestradiol on the freshwater mudsnail <i>Potamopyrgus antipodarum</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 10661-10670.	5.3	34
20	Long-term effects of nanoscaled titanium dioxide on the cladoceran <i>Daphnia magna</i> over six generations. <i>Environmental Pollution</i> , 2014, 186, 180-186.	7.5	60
21	The Biological Effects and Possible Modes of Action of Nanosilver. <i>Reviews of Environmental Contamination and Toxicology</i> , 2013, 223, 81-106.	1.3	48
22	Comparative Toxicity Assessment of Nanosilver on Three <i>Daphnia</i> Species in Acute, Chronic and Multi-Generation Experiments. <i>PLoS ONE</i> , 2013, 8, e75026.	2.5	97