

# Rachel R Hurley

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2258449/publications.pdf>

Version: 2024-02-01

24  
papers

2,810  
citations

567144

15  
h-index

752573

20  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2725  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Microplastic contamination of river beds significantly reduced by catchment-wide flooding. <i>Nature Geoscience</i> , 2018, 11, 251-257.  | 5.4  | 572       |
| 2  | Validation of a Method for Extracting Microplastics from Complex, Organic-Rich, Environmental Matrices. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7409-7417.  | 4.6  | 551       |
| 3  | Fate and occurrence of micro(nano)plastics in soils: Knowledge gaps and possible risks. <i>Current Opinion in Environmental Science and Health</i> , 2018, 1, 6-11.   | 2.1  | 391       |
| 4  | Transfer and transport of microplastics from biosolids to agricultural soils and the wider environment. <i>Science of the Total Environment</i> , 2020, 724, 138334.  | 3.9  | 210       |
| 5  | Ingestion of Microplastics by Freshwater Tubifex Worms. <i>Environmental Science &amp; Technology</i> , 2017, 51, 12844-12851.  | 4.6  | 199       |
| 6  | <i>Mytilus</i> spp. as sentinels for monitoring microplastic pollution in Norwegian coastal waters: A qualitative and quantitative study. <i>Environmental Pollution</i> , 2018, 243, 383-393.                        | 3.7  | 193       |
| 7  | Exploring the impacts of plastics in soil – The effects of polyester textile fibers on soil invertebrates. <i>Science of the Total Environment</i> , 2020, 700, 134451.   | 3.9  | 168       |
| 8  | Is It or Isn't It: The Importance of Visual Classification in Microplastic Characterization. <i>Applied Spectroscopy</i> , 2020, 74, 1139-1153.   | 1.2  | 115       |
| 9  | Acute riverine microplastic contamination due to avoidable releases of untreated wastewater. <i>Nature Sustainability</i> , 2021, 4, 793-802.   | 11.5 | 92        |
| 10 | Spatio-temporal distribution of microplastics in a Mediterranean river catchment: The importance of wastewater as an environmental pathway. <i>Journal of Hazardous Materials</i> , 2021, 420, 126481.                | 6.5  | 53        |
| 11 | Exploring the impacts of microplastics and associated chemicals in the terrestrial environment – Exposure of soil invertebrates to tire particles. <i>Environmental Research</i> , 2021, 201, 111495.                 | 3.7  | 48        |
| 12 | Metal contamination of bed sediments in the Irwell and Upper Mersey catchments, northwest England: exploring the legacy of industry and urban growth. <i>Journal of Soils and Sediments</i> , 2017, 17, 2648-2665.    | 1.5  | 39        |
| 13 | Fate of microplastics in agricultural soils amended with sewage sludge: Is surface water runoff a relevant environmental pathway?. <i>Environmental Pollution</i> , 2022, 293, 118520.                                | 3.7  | 37        |
| 14 | Controlling Factors of Microplastic Riverine Flux and Implications for Reliable Monitoring Strategy. <i>Environmental Science &amp; Technology</i> , 2022, 56, 48-61.   | 4.6  | 35        |
| 15 | Moving forward in microplastic research: A Norwegian perspective. <i>Environment International</i> , 2021, 157, 106794.   | 4.8  | 29        |
| 16 | Plastic waste in the terrestrial environment. , 2020, , 163-193.  |      | 20        |
| 17 | Chitinase digestion for the analysis of microplastics in chitinous organisms using the terrestrial isopod <i>Oniscus asellus</i> L. as a model organism. <i>Science of the Total Environment</i> , 2021, 786, 147455. | 3.9  | 14        |
| 18 | Microplastics in marine bivalves from the Nordic environment. <i>TemaNord</i> , 0, , .  | 1.3  | 13        |

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|----|---|-----|-----------|
| 19 | Effects of Polyester Fibers and Car Tire Particles on Freshwater Invertebrates. Environmental Toxicology and Chemistry, 2022, 41, 1555-1567.                  | 2.2 | 11        |
| 20 | Microplastics in Terrestrial and Freshwater Environments. Environmental Contamination Remediation and Management, 2022, , 87-130.                             | 0.5 | 8         |
| 21 | Anthropogenically impacted lake catchments in Denmark reveal low microplastic pollution. Environmental Science and Pollution Research, 2022, 29, 47726-47739. | 2.7 | 8         |
| 22 | Highly conservative behaviour of bed sediment-associated metals following extreme flooding. Hydrological Processes, 2019, 33, 1204-1217.                      | 1.1 | 2         |
| 23 | Microplastics in sewage sludge: Captured but released?. , 2019, , 85-100.   |     | 2         |
| 24 | Plastics In Our Soils: New Territory In The Plastic Contamination Issue. , 2018, , .  |     | 0         |