

# Noël J Diepens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1992882/publications.pdf>

Version: 2024-02-01

17  
papers

918  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1187  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Lifetime Accumulation of Microplastic in Children and Adults. <i>Environmental Science &amp; Technology</i> , 2021, 55, 5084-5096.   | 10.0 | 233       |
| 2  | Effects of nanoplastics and microplastics on the growth of sediment-rooted macrophytes. <i>Science of the Total Environment</i> , 2019, 654, 1040-1047.  | 8.0  | 223       |
| 3  | Accumulation of Plastic Debris and Associated Contaminants in Aquatic Food Webs. <i>Environmental Science &amp; Technology</i> , 2018, 52, 8510-8520.  | 10.0 | 210       |
| 4  | Sediment Toxicity Testing of Organic Chemicals in the Context of Prospective Risk Assessment: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2014, 44, 255-302.             | 12.8 | 47        |
| 5  | Effect of pesticides used in banana and pineapple plantations on aquatic ecosystems in Costa Rica. <i>Journal of Environmental Biology</i> , 2014, 35, 73-84.  | 0.5  | 30        |
| 6  | Modeling of Bioaccumulation in Marine Benthic Invertebrates Using a Multispecies Experimental Approach. <i>Environmental Science &amp; Technology</i> , 2015, 49, 13575-13585.                           | 10.0 | 27        |
| 7  | Trait-based modelling of bioaccumulation by freshwater benthic invertebrates. <i>Aquatic Toxicology</i> , 2016, 176, 88-96.  | 4.0  | 24        |
| 8  | Assessing microplastic as a vector for chemical entry into fish larvae using a novel tube-feeding approach. <i>Chemosphere</i> , 2021, 265, 129144.  | 8.2  | 20        |
| 9  | Uptake, Translocation, and Elimination in Sediment-Rooted Macrophytes: A Model-Supported Analysis of Whole Sediment Test Data. <i>Environmental Science &amp; Technology</i> , 2014, 48, 12344-12353.    | 10.0 | 18        |
| 10 | Bioaccumulation of polycyclic aromatic hydrocarbons by arctic and temperate benthic species. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 883-895.  | 4.3  | 14        |
| 11 | Prospective Environmental Risk Assessment for Sediment-Bound Organic Chemicals: A Proposal for Tiered Effect Assessment. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 239, 1-77. | 1.3  | 13        |
| 12 | Response of sediment bacterial community to triclosan in subtropical freshwater benthic microcosms. <i>Environmental Pollution</i> , 2019, 248, 676-683.   | 7.5  | 13        |
| 13 | Dynamics of the seagrass <i>Zostera noltei</i> in a shallow Mediterranean lagoon exposed to chemical contamination and other stressors. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 222, 1-12.   | 2.1  | 13        |
| 14 | Weight of Evidence for the Microplastic Vector Effect in the Context of Chemical Risk Assessment. <i>Environmental Contamination Remediation and Management</i> , 2022, , 155-197.                       | 1.0  | 11        |
| 15 | Molecular Assessment of Bacterial Community Dynamics and Functional End Points during Sediment Bioaccumulation Tests. <i>Environmental Science &amp; Technology</i> , 2015, 49, 13586-13595.             | 10.0 | 10        |
| 16 | Dynamics and recovery of a sediment-exposed <i>Chironomus riparius</i> population: A modelling approach. <i>Environmental Pollution</i> , 2016, 213, 741-750.  | 7.5  | 7         |
| 17 | Fate and effects of sediment-associated triclosan in subtropical freshwater microcosms. <i>Aquatic Toxicology</i> , 2018, 202, 117-125.  | 4.0  | 5         |