

# Rob S E W Leuven

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/207650/publications.pdf>

Version: 2024-02-01

173  
papers

5,426  
citations

70961

41  
h-index

114278

63  
g-index

175  
all docs

175  
docs citations

175  
times ranked

5481  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Assessing Habitat Suitability for Native and Alien Freshwater Mussels in the River Waal (the Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj) and Assessment, 2022, 27, 187-204.  | 1.2 | 6         |
| 2  | Risk screening and management of alien terrestrial planarians in The Netherlands. Management of Biological Invasions, 2022, 13, 81-100.  | 0.5 | 5         |
| 3  | Geomorphological development of aquatic mesohabitats in shore channels along longitudinal training dams. Remote Sensing in Ecology and Conservation, 2022, 8, 744-760.   | 2.2 | 2         |
| 4  | Speaking their language " Development of a multilingual decision-support tool for communicating invasive species risks to decision makers and stakeholders. Environmental Modelling and Software, 2021, 135, 104900.             | 1.9 | 49        |
| 5  | Dreissenids™ need for speed: mobility as a driver of the dominance shift between two invasive Ponto-Caspian mussel species. Aquatic Invasions, 2021, 16, 113-128.  | 0.6 | 2         |
| 6  | Novel tools and best practices for education about invasive alien species. Management of Biological Invasions, 2021, 12, 8-24.   | 0.5 | 26        |
| 7  | Risks and management of alien freshwater crayfish species in the Rhine-Meuse river district. Management of Biological Invasions, 2021, 12, 193-220.  | 0.5 | 7         |
| 8  | Effect of airflow on overland transport potential of the invasive quagga mussel ( <i>Dreissena bugensis</i> ). Management of Biological Invasions, 2021, 12, 165-177.  | 0.5 | 0         |
| 9  | Rapid functional response tests for assessing impacts of alien snails on food crops. Ecological Indicators, 2021, 121, 107138.   | 2.6 | 1         |
| 10 | Dreissenids™ breaking loose: differential attachment as a possible driver of the dominance shift between two invasive mussel species. Biological Invasions, 2021, 23, 2125-2141.   | 1.2 | 1         |
| 11 | Towards a systematic method for assessing the impact of chemical pollution on ecosystem services of water systems. Journal of Environmental Management, 2021, 281, 111873.   | 3.8 | 17        |
| 12 | Towards an ecosystem service-based method to quantify the filtration services of mussels under chemical exposure. Science of the Total Environment, 2021, 763, 144196.   | 3.9 | 11        |
| 13 | A global-scale screening of non-native aquatic organisms to identify potentially invasive species under current and future climate conditions. Science of the Total Environment, 2021, 788, 147868.                              | 3.9 | 80        |
| 14 | Additional records of the bivalves <i>Mytilopsis leucophaeata</i> (Conrad, 1831) (Dreissenidae) and <i>Arcuatula senhousia</i> (Benson, 1842) (Mytilidae) in the Ponto-Caspian region. BiolInvasions Records, 2021, 10, 119-135. | 0.4 | 6         |
| 15 | Dropping the microbead: Source and sink related microplastic distribution in the Black Sea and Caspian Sea basins. Marine Pollution Bulletin, 2021, 173, 112982.   | 2.3 | 11        |
| 16 | Impact of the invasive alien topmouth gudgeon ( <i>Pseudorasbora parva</i> ) and its associated parasite <i>Sphaerothecum destruens</i> on native fish species. Biological Invasions, 2020, 22, 587-601.                         | 1.2 | 24        |
| 17 | Linking plant strategies to environmental processes in floodplains of lowland rivers. Journal of Hydro-Environment Research, 2020, 30, 45-62.  | 1.0 | 1         |
| 18 | Reducing nutrient availability and enhancing biotic resistance limits settlement and growth of the invasive Australian swamp stonecrop ( <i>Crassula helmsii</i> ). Biological Invasions, 2020, 22, 3391-3402.                   | 1.2 | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Shell Mass, Biomass, Condition, and Reproductive State of the Invasive Bivalve <i>Mytilopsis leucophaeata</i> (Conrad, 1831) (Dreissenidae). <i>Journal of Shellfish Research</i> , 2020, 39, 433.  | 0.3 | 3         |
| 20 | Effect of shipping induced changes in flow velocity on aquatic macrophytes in intensively navigated rivers. <i>Aquatic Botany</i> , 2019, 159, 103145.  | 0.8 | 4         |
| 21 | Lessons learned from rapid environmental risk assessments for prioritization of alien species using expert panels. <i>Journal of Environmental Management</i> , 2019, 249, 109405.  | 3.8 | 16        |
| 22 | A global review and meta-analysis of applications of the freshwater Fish Invasiveness Screening Kit. <i>Reviews in Fish Biology and Fisheries</i> , 2019, 29, 529-568.  | 2.4 | 63        |
| 23 | Pathogen Risk Analysis for Wild Amphibian Populations Following the First Report of a Ranavirus Outbreak in Farmed American Bullfrogs ( <i>Lithobates catesbeianus</i> ) from Northern Mexico. <i>Viruses</i> , 2019, 11, 26.                     | 1.5 | 12        |
| 24 | Life cycle greenhouse gas benefits or burdens of residual biomass from landscape management. <i>Journal of Cleaner Production</i> , 2019, 220, 698-706.   | 4.6 | 7         |
| 25 | Sub-Daily Temperature Heterogeneity in a Side Channel and the Influence on Habitat Suitability of Freshwater Fish. <i>Remote Sensing</i> , 2019, 11, 2367.  | 1.8 | 11        |
| 26 | Thermal limits in native and alien freshwater peracarid Crustacea: The role of habitat use and oxygen limitation. <i>Functional Ecology</i> , 2018, 32, 926-936.  | 1.7 | 47        |
| 27 | Suitable landscape classification systems for quantifying spatiotemporal development of riverine ecosystem services. <i>Freshwater Science</i> , 2018, 37, 190-204.   | 0.9 | 2         |
| 28 | Quantifying biomass production for assessing ecosystem services of riverine landscapes. <i>Science of the Total Environment</i> , 2018, 624, 1577-1585.   | 3.9 | 13        |
| 29 | Detachment rates of dreissenid mussels after boat hull-mediated overland dispersal. <i>Hydrobiologia</i> , 2018, 810, 77-84.  | 1.0 | 18        |
| 30 | School gardening increases knowledge of primary school children on edible plants and preference for vegetables. <i>Food Science and Nutrition</i> , 2018, 6, 1960-1967.   | 1.5 | 28        |
| 31 | Growth, Survival, and Mortality of Juvenile and Adult Alien Conrad's False Mussel <i>Mytilopsis leucophaeata</i> (Conrad, 1831) (Mollusca, Bivalvia, Dreissenidae) in a Brackish Canal. <i>Journal of Shellfish Research</i> , 2018, 37, 139-147. | 0.3 | 1         |
| 32 | Sensitivity of native and alien freshwater bivalve species in Europe to climate-related environmental factors. <i>Ecosphere</i> , 2018, 9, e02184.  | 1.0 | 7         |
| 33 | Functional feeding traits as predictors of invasive success of alien freshwater fish species using a food-fish model. <i>PLoS ONE</i> , 2018, 13, e0197636.   | 1.1 | 25        |
| 34 | Longitudinal training dams mitigate effects of shipping on environmental conditions and fish density in the littoral zones of the river Rhine. <i>Science of the Total Environment</i> , 2018, 619-620, 1183-1193.                                | 3.9 | 40        |
| 35 | Drivers of dominance shifts between invasive Ponto-Caspian dreissenids <i>Dreissena polymorpha</i> (Pallas,) Tj ETQq1 1,0,784314,rgBT /O  | 0.6 | 11        |
| 36 | Predicting effects of ship-induced changes in flow velocity on native and alien molluscs in the littoral zone of lowland rivers. <i>Aquatic Invasions</i> , 2018, 13, 481-490.  | 0.6 | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Status of the invasive brackish water bivalve <i>Mytilopsis leucophaeata</i> (Conrad, 1831) (Dreissenidae) in the Ponto-Caspian region. <i>BiolInvasions Records</i> , 2018, 7, 111-120.  | 0.4 | 12        |
| 38 | Effectiveness of eradication measures for the invasive Australian swamp stonecrop <i>Crassula helmsii</i> . <i>Management of Biological Invasions</i> , 2018, 9, 343-355.   | 0.5 | 9         |
| 39 | Settlement, Seasonal Size Distribution, and Growth of the Invasive Bivalve <i>Mytilopsis leucophaeata</i> (Conrad, 1831) (Dreissenidae) in Relation to Environmental Factors. <i>Journal of Shellfish Research</i> , 2017, 36, 417-426.               | 0.3 | 7         |
| 40 | Modeling invasive alien plant species in river systems: Interaction with native ecosystem engineers and effects on hydro-morphodynamic processes. <i>Water Resources Research</i> , 2017, 53, 6945-6969.  | 1.7 | 28        |
| 41 | Inconsistencies in the risk classification of alien species and implications for risk assessment in the European Union. <i>Ecosphere</i> , 2017, 8, e01832.   | 1.0 | 25        |
| 42 | Biodiversity recovery following delta-wide measures for flood risk reduction. <i>Science Advances</i> , 2017, 3, e1602762.  | 4.7 | 17        |
| 43 | Invasive species in inland waters: from early detection to innovative management approaches. <i>Aquatic Invasions</i> , 2017, 12, 269-273.  | 0.6 | 19        |
| 44 | Invasion biology and risk assessment of the recently introduced Chinese mystery snail, <i>Bellamya (Cipangopaludina) chinensis</i> (Gray, 1834), in the Rhine and Meuse River basins in Western Europe. <i>Aquatic Invasions</i> , 2017, 12, 275-286. | 0.6 | 8         |
| 45 | Application of large wood in regulated riverine habitats facilitates native fishes but not invasive alien round goby ( <i>Neogobius melanostomus</i> ). <i>Aquatic Invasions</i> , 2017, 12, 405-413.   | 0.6 | 12        |
| 46 | A new approach to horizon-scanning: identifying potentially invasive alien species and their introduction pathways. <i>Management of Biological Invasions</i> , 2017, 8, 37-52.   | 0.5 | 20        |
| 47 | Salinity as a barrier for ship hull-related dispersal and invasiveness of dreissenid and mytilid bivalves. <i>Marine Biology</i> , 2016, 163, 147.  | 0.7 | 18        |
| 48 | Metaphors in Invasion Biology: Implications for Risk Assessment and Management of Non-Native Species. <i>Ethics, Policy and Environment</i> , 2016, 19, 273-284.  | 0.8 | 26        |
| 49 | Competition for shelter sites: Testing a possible mechanism for gammarid species displacements. <i>Basic and Applied Ecology</i> , 2016, 17, 455-462.   | 1.2 | 14        |
| 50 | Non-native seagrass <i>Halophila stipulacea</i> forms dense mats under eutrophic conditions in the Caribbean. <i>Journal of Sea Research</i> , 2016, 115, 1-5.  | 0.6 | 56        |
| 51 | Historical rise of waterpower initiated the collapse of salmon stocks. <i>Scientific Reports</i> , 2016, 6, 29269.  | 1.6 | 48        |
| 52 | Development and application of the SSD approach in scientific case studies for ecological risk assessment. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2149-2161.   | 2.2 | 77        |
| 53 | Size-Mediated Effects of Water-Flow Velocity on Riverine Fish Species. <i>River Research and Applications</i> , 2016, 32, 390-398.  | 0.7 | 14        |
| 54 | Invasive Ponto-Caspian gobies rapidly reduce the abundance of protected native bullhead. <i>Aquatic Invasions</i> , 2016, 11, 179-188.  | 0.6 | 41        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Natural recovery and restoration of acidified shallow soft-water lakes: Successes and bottlenecks revealed by assessing life-history strategies of chironomid larvae. <i>Basic and Applied Ecology</i> , 2015, 16, 325-334. | 1.2 | 9         |
| 56 | Combined ecological risks of nitrogen and phosphorus in European freshwaters. <i>Environmental Pollution</i> , 2015, 200, 85-92.  | 3.7 | 46        |
| 57 | New records from the Ponto-Azov region demonstrate the invasive potential of <i>Mytilopsis leucophaeata</i> (Conrad, 1831) (Bivalvia: Dreissenidae). <i>Journal of Molluscan Studies</i> , 2015, 81, 412-416.               | 0.4 | 13        |
| 58 | A dominance shift from the zebra mussel to the invasive quagga mussel may alter the trophic transfer of metals. <i>Environmental Pollution</i> , 2015, 203, 183-190.  | 3.7 | 20        |
| 59 | Effects of desiccation on native and non-native molluscs in rivers. <i>Freshwater Biology</i> , 2014, 59, 41-55.  | 1.2 | 38        |
| 60 | Disentangling and ranking the influences of multiple environmental factors on plant and soil-dwelling arthropod assemblages in a river Rhine floodplain area. <i>Hydrobiologia</i> , 2014, 729, 133-142.                    | 1.0 | 5         |
| 61 | Rapid range expansion of the invasive quagga mussel in relation to zebra mussel presence in The Netherlands and Western Europe. <i>Biological Invasions</i> , 2014, 16, 23-42.  | 1.2 | 65        |
| 62 | Mass mortality of invasive zebra and quagga mussels by desiccation during severe winter conditions. <i>Aquatic Invasions</i> , 2014, 9, 243-252.  | 0.6 | 21        |
| 63 | Evaluating stakeholder awareness and involvement in risk prevention of aquatic invasive plant species by a national code of conduct. <i>Aquatic Invasions</i> , 2014, 9, 369-381.   | 0.6 | 21        |
| 64 | Low oxygen tolerance of different life stages of temperate freshwater fish species. <i>Journal of Fish Biology</i> , 2013, 83, 190-206.   | 0.7 | 30        |
| 65 | Uncertainty in hydromorphological and ecological modelling of lowland river floodplains resulting from land cover classification errors. <i>Environmental Modelling and Software</i> , 2013, 42, 17-29.                     | 1.9 | 21        |
| 66 | Species richness-phosphorus relationships for lakes and streams worldwide. <i>Global Ecology and Biogeography</i> , 2013, 22, 1304-1314.  | 2.7 | 42        |
| 67 | Including the Introduction of Exotic Species in Life Cycle Impact Assessment: The Case of Inland Shipping. <i>Environmental Science &amp; Technology</i> , 2013, 47, 13934-13940.   | 4.6 | 30        |
| 68 | Methane as a carbon source for the food web in raised bog pools. <i>Freshwater Science</i> , 2013, 32, 1260-1272.   | 0.9 | 15        |
| 69 | Effects of water depth on survival, condition and stable isotope values of three invasive dreissenid species in a deep freshwater lake. <i>Aquatic Invasions</i> , 2013, 8, 157-169.  | 0.6 | 6         |
| 70 | Tolerance of native and non-native fish species to chemical stress: a case study for the River Rhine. <i>Aquatic Invasions</i> , 2013, 8, 231-241.  | 0.6 | 18        |
| 71 | A comparative study of byssogenesis on zebra and quagga mussels: the effects of water temperature, salinity and light-dark cycle. <i>Biofouling</i> , 2012, 28, 121-129.  | 0.8 | 19        |
| 72 | Key factors for biodiversity of surface waters in climate proof cities. <i>Resources, Conservation and Recycling</i> , 2012, 64, 56-62.   | 5.3 | 8         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Moorland pools as refugia for endangered species characteristic of raised bog gradients. <i>Journal for Nature Conservation</i> , 2012, 20, 255-263.  | 0.8 | 15        |
| 74 | Ecological strategies successfully predict the effects of river floodplain rehabilitation on breeding birds. <i>River Research and Applications</i> , 2012, 28, 269-282.  | 0.7 | 13        |
| 75 | Sensitivity of native and non-native mollusc species to changing river water temperature and salinity. <i>Biological Invasions</i> , 2012, 14, 1187-1199.   | 1.2 | 65        |
| 76 | Risk classifications of aquatic non-native species: Application of contemporary European assessment protocols in different biogeographical settings. <i>Aquatic Invasions</i> , 2012, 7, 49-58.   | 0.6 | 49        |
| 77 | Sensitivity of Polar and Temperate Marine Organisms to Oil Components. <i>Environmental Science &amp; Technology</i> , 2011, 45, 9017-9023.   | 4.6 | 52        |
| 78 | Characterization Factors for Water Consumption and Greenhouse Gas Emissions Based on Freshwater Fish Species Extinction. <i>Environmental Science &amp; Technology</i> , 2011, 45, 5272-5278.   | 4.6 | 114       |
| 79 | The influence of environmental factors and dredging on chironomid larval diversity in urban drainage systems in polders strongly influenced by seepage from large rivers. <i>Journal of the North American Benthological Society</i> , 2011, 30, 1074-1092. | 3.0 | 6         |
| 80 | Influence of bank materials, bed sediment, and riparian vegetation on channel form along a gravel-to-sand transition reach of the Upper Tualatin River, Oregon, USA. <i>Geomorphology</i> , 2011, 125, 374-382.   | 1.1 | 18        |
| 81 | Assessment of predatory ability of native and non-native freshwater gammaridean species: A rapid test with water fleas as prey. <i>Environmental Epigenetics</i> , 2011, 57, 836-843.   | 0.9 | 14        |
| 82 | Differences in sensitivity of native and exotic fish species to changes in river temperature. <i>Environmental Epigenetics</i> , 2011, 57, 852-862.   | 0.9 | 51        |
| 83 | Plant communities in relation to flooding and soil contamination in a lowland Rhine River floodplain. <i>Environmental Pollution</i> , 2011, 159, 182-189.  | 3.7 | 29        |
| 84 | The distribution of a threatened migratory bird species in a patchy landscape: a multi-scale analysis. <i>Landscape Ecology</i> , 2011, 26, 397-410.  | 1.9 | 15        |
| 85 | Modeling metal bioaccumulation in the invasive mussels <i>Dreissena polymorpha</i> and <i>Dreissena rostriformis bugensis</i> in the rivers Rhine and Meuse. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2825-2830.                           | 2.2 | 19        |
| 86 | Field sensitivity distribution of macroinvertebrates for phosphorus in inland waters. <i>Integrated Environmental Assessment and Management</i> , 2011, 7, 280-286.   | 1.6 | 34        |
| 87 | Competition for shelter between four invasive gobiids and two native benthic fish species. <i>Environmental Epigenetics</i> , 2011, 57, 844-851.  | 0.9 | 52        |
| 88 | Species pool versus site limitations of macrophytes in urban waters. <i>Aquatic Sciences</i> , 2010, 72, 379-389.   | 0.6 | 10        |
| 89 | Uncertainties in the application of the species area relationship for characterisation factors of land occupation in life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2010, 15, 682-691.                                      | 2.2 | 54        |
| 90 | Market Basket Analysis: A New Tool in Ecology to Describe Chemical Relations in the Environment – A Case Study of the Fern <i>Athyrium distentifolium</i> in the Tatra National Park in Poland. <i>Journal of Chemical Ecology</i> , 2010, 36, 1029-1034.   | 0.9 | 11        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | Using datasets of different taxonomic detail to assess the influence of floodplain characteristics on terrestrial arthropod assemblages. <i>Biodiversity and Conservation</i> , 2010, 19, 2087-2110.                                  | 1.2 | 16        |
| 92  | An appraisal of a biocontamination assessment method for freshwater macroinvertebrate assemblages; a practical way to measure a significant biological pressure?. <i>Hydrobiologia</i> , 2010, 638, 151-159.                          | 1.0 | 18        |
| 93  | Effects of reduced nitrogen and sulphur deposition on the water chemistry of moorland pools. <i>Environmental Pollution</i> , 2010, 158, 2679-2685.   | 3.7 | 12        |
| 94  | Loss of environmental heterogeneity and aquatic macroinvertebrate diversity following large-scale restoration management. <i>Basic and Applied Ecology</i> , 2010, 11, 440-449.   | 1.2 | 28        |
| 95  | Environmental factors determining invasibility of urban waters for exotic macroinvertebrates. <i>Diversity and Distributions</i> , 2010, 16, 1009-1021.   | 1.9 | 17        |
| 96  | Stakeholder Value Orientations in Water Management. <i>Society and Natural Resources</i> , 2010, 23, 805-821.   | 0.9 | 48        |
| 97  | Life-history and ecological correlates of population change in Dutch breeding birds. <i>Biological Conservation</i> , 2010, 143, 173-181.   | 1.9 | 66        |
| 98  | Does upward seepage of river water and storm water runoff determine water quality of urban drainage systems in lowland areas? A case study for the Rhine-Meuse delta. <i>Hydrological Processes</i> , 2009, 23, 3110-3120.            | 1.1 | 11        |
| 99  | Aquatic invaders: from success factors to ecological risk assessment: introduction. <i>Biological Invasions</i> , 2009, 11, 1987.   | 1.2 | 3         |
| 100 | The river Rhine: a global highway for dispersal of aquatic invasive species. <i>Biological Invasions</i> , 2009, 11, 1989.  | 1.2 | 283       |
| 101 | Environmental and morphological factors influencing predatory behaviour by invasive non-indigenous gammaridean species. <i>Biological Invasions</i> , 2009, 11, 2043-2054.  | 1.2 | 60        |
| 102 | Towards a coherent allometric framework for individual home ranges, key population patches and geographic ranges. <i>Ecography</i> , 2009, 32, 929-942.   | 2.1 | 26        |
| 103 | Assessing the risks of aquatic species invasions via european inland waterways: from concepts to environmental indicators. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 110-126.                              | 1.6 | 174       |
| 104 | Uncertainty in Environmental Risk Assessment: Implications for Risk-Based Management of River Basins. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 27.  | 1.6 | 23        |
| 105 | Urban drainage systems: An undervalued habitat for aquatic macroinvertebrates. <i>Biological Conservation</i> , 2009, 142, 1105-1115.   | 1.9 | 94        |
| 106 | Impact of value-driven scenarios on the geomorphology and ecology of lower Rhine floodplains under a changing climate. <i>Landscape and Urban Planning</i> , 2009, 92, 160-174.   | 3.4 | 14        |
| 107 | Assessing landscape change and biodiversity values of the Middle Vistula river valley, Poland, using BIO-SAFE. <i>Landscape and Urban Planning</i> , 2009, 92, 210-219.   | 3.4 | 12        |
| 108 | Pumpkinseed sunfish ( <i>Lepomis gibbosus</i> ) invasions facilitated by introductions and nature management strongly reduce macroinvertebrate abundance in isolated water bodies. <i>Biological Invasions</i> , 2008, 10, 1481-1490. | 1.2 | 53        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | MODELING THE INFLUENCE OF ENVIRONMENTAL HETEROGENEITY ON HEAVY METAL EXPOSURE CONCENTRATIONS FOR TERRESTRIAL VERTEBRATES IN RIVER FLOODPLAINS. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 919.                      | 2.2 | 27        |
| 110 | Toxicological risks for small mammals in a diffusely and moderately polluted floodplain. <i>Science of the Total Environment</i> , 2008, 406, 401-406.   | 3.9 | 12        |
| 111 | Spatial distribution and internal metal concentrations of terrestrial arthropods in a moderately contaminated lowland floodplain along the Rhine River. <i>Environmental Pollution</i> , 2008, 151, 17-26.                         | 3.7 | 33        |
| 112 | Relating the Ecological and Legal Frameworks for Nature Conservation in Europe. <i>Journal of International Wildlife Law and Policy</i> , 2008, 11, 63-95.   | 0.3 | 3         |
| 113 | Biometrics and Fecundity of the Freshwater Shrimp, <i>Caridina Nilotica</i> (P. Roux, 1833) (Decapoda,) <i>Tj ETQq1 1 0.784314 rgBT<sub>3</sub>/Overlo</i>   | 0.1 | 0         |
| 114 | Assessment of biocontamination of benthic macroinvertebrate communities in European inland waterways. <i>Aquatic Invasions</i> , 2008, 3, 211-230.   | 0.6 | 84        |
| 115 | Scale-dependent homogenization: Changes in breeding bird diversity in the Netherlands over a 25-year period. <i>Biological Conservation</i> , 2007, 134, 505-516.  | 1.9 | 49        |
| 116 | Applying landscape ecology to conservation biology: Spatially explicit analysis reveals dispersal limits on threatened wetland gastropods. <i>Biological Conservation</i> , 2007, 139, 286-296.                                    | 1.9 | 21        |
| 117 | Heavy-Metal Concentrations in Small Mammals from a Diffusely Polluted Floodplain: Importance of Species- and Location-Specific Characteristics. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 603-613. | 2.1 | 79        |
| 118 | Metal accumulation risks in regularly flooded and non-flooded parts of floodplains of the River Rhine: Extractability and exposure through the food chain. <i>Chemistry and Ecology</i> , 2006, 22, 463-477.                       | 0.6 | 18        |
| 119 | Biological traits successfully predict the effects of restoration management on macroinvertebrates in shallow softwater lakes. , 2006, , 201-216.  |     | 9         |
| 120 | Importance of landscape heterogeneity for the conservation of aquatic macroinvertebrate diversity in bog landscapes. <i>Journal for Nature Conservation</i> , 2006, 14, 78-90.   | 0.8 | 35        |
| 121 | The effect of turbation on zinc relocation in a vertical floodplain soil profile. <i>Environmental Pollution</i> , 2006, 140, 444-452.   | 3.7 | 9         |
| 122 | Validity and sensitivity of a model for assessment of impacts of river floodplain reconstruction on protected and endangered species. <i>Environmental Impact Assessment Review</i> , 2006, 26, 677-695.                           | 4.4 | 8         |
| 123 | Pieter Hendrik Nienhuis: Aquatic Ecologist and Environmental Scientist. <i>Hydrobiologia</i> , 2006, 565, 1-18.  | 1.0 | 6         |
| 124 | Succession and Rejuvenation in Floodplains along the River Allier (France). <i>Hydrobiologia</i> , 2006, 565, 71-86.   | 1.0 | 70        |
| 125 | Modelling Recolonisation of Heterogeneous River Floodplains by Small Mammals. <i>Hydrobiologia</i> , 2006, 565, 135-152.   | 1.0 | 30        |
| 126 | The Importance of Hydrodynamics for Protected and Endangered Biodiversity of Lowland Rivers. <i>Hydrobiologia</i> , 2006, 565, 153-162.  | 1.0 | 23        |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 127 | Effects of Rewetting Measures in Dutch Raised Bog Remnants on Assemblages of Aquatic Rotifera and Microcrustaceans. <i>Hydrobiologia</i> , 2006, 565, 187-200.   | 1.0 | 9         |
| 128 | Biological Traits Successfully Predict the Effects of Restoration Management on Macroinvertebrates in Shallow Softwater Lakes. <i>Hydrobiologia</i> , 2006, 565, 210-216.  | 1.0 | 20        |
| 129 | Redefinition and Elaboration of River Ecosystem Health: Perspective for River Management. <i>Hydrobiologia</i> , 2006, 565, 289-308.   | 1.0 | 58        |
| 130 | Living Rivers: Trends and Challenges in Science and Management. <i>Hydrobiologia</i> , 2006, 565, 359-367.   | 1.0 | 12        |
| 131 | The Impact of Bioturbation by Small Mammals on Heavy Metal Redistribution in an Embanked Floodplain of the River Rhine. <i>Water, Air, and Soil Pollution</i> , 2006, 177, 183-210.  | 1.1 | 27        |
| 132 | Redefinition and elaboration of river ecosystem health: perspective for river management. , 2006, , 289-308.   |     | 8         |
| 133 | Modelling recolonisation of heterogeneous river floodplains by small mammals. , 2006, , 135-152.   |     | 1         |
| 134 | The importance of hydrodynamics for protected and endangered biodiversity of lowland rivers. , 2006, , 153-162.  |     | 1         |
| 135 | Effects of rewetting measures in Dutch raised bog remnants on assemblages of aquatic Rotifera and microcrustaceans. , 2006, , 187-200.   |     | 0         |
| 136 | Living rivers: trends and challenges in science and management. , 2006, , 359-367.   |     | 2         |
| 137 | Pieter Hendrik Nienhuis: aquatic ecologist and environmental scientist. , 2006, , 1-18.  |     | 0         |
| 138 | Flood Defense in The Netherlands. <i>Water International</i> , 2005, 30, 76-87.  | 0.4 | 139       |
| 139 | Flooding ecology of voles, mice and shrews: the importance of geomorphological and vegetational heterogeneity in river floodplains. <i>Acta Theriologica</i> , 2005, 50, 453-472.  | 1.1 | 42        |
| 140 | Spatial Variability and Uncertainty in Ecological Risk Assessment: A Case Study on the Potential Risk of Cadmium for the Little Owl in a Dutch River Flood Plain. <i>Environmental Science &amp; Technology</i> , 2005, 39, 2177-2187. | 4.6 | 42        |
| 141 | BIO-SAFE: assessing the impact of physical reconstruction on protected and endangered species. <i>River Research and Applications</i> , 2004, 20, 299-313.   | 0.7 | 27        |
| 142 | Exploring field vegetation reflectance as an indicator of soil contamination in river floodplains. <i>Environmental Pollution</i> , 2004, 127, 281-290.  | 3.7 | 156       |
| 143 | Cumulative metal leaching from utilisation of secondary building materials in river engineering. <i>Water Science and Technology</i> , 2004, 49, 197-203.  | 1.2 | 1         |
| 144 | Do restoration measures rehabilitate fauna diversity in raised bogs? A comparative study on aquatic macroinvertebrates. <i>Wetlands Ecology and Management</i> , 2003, 11, 447-459.  | 0.7 | 47        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | The potential of field spectroscopy for the assessment of sediment properties in river floodplains. <i>Analytica Chimica Acta</i> , 2003, 484, 189-200.               | 2.6 | 129       |
| 146 | A comparison of methods to relate grass reflectance to soil metal contamination. <i>International Journal of Remote Sensing</i> , 2003, 24, 4995-5010.                | 1.3 | 49        |
| 147 | A comparison of methods to relate grass reflectance to soil metal contamination. <i>International Journal of Remote Sensing</i> , 2003, 24, 4995-5010.                | 1.3 | 13        |
| 148 | Evaluation of floodplain rehabilitation: a comparison of ecological and policy-based biodiversity assessment.. <i>Large Rivers</i> , 2003, 15, 413-424.               | 0.0 | 2         |
| 149 | Rehabilitation of large rivers: references, achievements and integration into river management.. <i>Large Rivers</i> , 2003, 15, 715-738.                             | 0.0 | 15        |
| 150 | Riverine landscape dynamics and ecological risk assessment. <i>Freshwater Biology</i> , 2002, 47, 845-865.  | 1.2 | 77        |
| 151 | A systems approach to river restoration: a case study in the lower Seine valley, France. <i>River Research and Applications</i> , 2002, 18, 239-247.                  | 0.7 | 36        |
| 152 | Ecological rehabilitation of the lowland basin of the river Rhine (NW Europe). <i>Hydrobiologia</i> , 2002, 478, 53-72.   | 1.0 | 80        |
| 153 | BIO-SAFE: a method for evaluation of biodiversity values on the basis of political and legal criteria. <i>Landscape and Urban Planning</i> , 2001, 55, 121-137.       | 3.4 | 29        |
| 154 | A Procedure for Incorporating Spatial Variability in Ecological Risk Assessment of Dutch River Floodplains. <i>Environmental Management</i> , 2001, 28, 359-373.      | 1.2 | 48        |
| 155 | Possibilities of visible/near-infrared spectroscopy for the assessment of soil contamination in river floodplains. <i>Analytica Chimica Acta</i> , 2001, 446, 97-105. | 2.6 | 202       |
| 156 | River restoration and flood protection: controversy or synergism?. <i>Hydrobiologia</i> , 2001, 444, 85-99.   | 1.0 | 96        |
| 157 | Annual emissions of pollutants from mine stone applications in drainage basins of Dutch rivers. <i>Hydrobiologia</i> , 1999, 410, 315-323.                            | 1.0 | 2         |
| 158 | Modelling of water quality-based emission limits for industrial discharges in rivers. <i>Water Science and Technology</i> , 1999, 39, 185.                            | 1.2 | 4         |
| 159 | Polluted River Systems: Monitoring and Assessment of Ecotoxicological Risks. <i>Clean - Soil, Air, Water</i> , 1999, 27, 251-256.                                     | 0.8 | 10        |
| 160 | Annual emissions of pollutants from mine stone applications in drainage basins of Dutch rivers. , 1999, , 315-323.  |     | 3         |
| 161 | Interrelations between pH and other physico-chemical factors of Dutch soft waters. <i>Archiv Für Hydrobiologie</i> , 1992, 126, 27-51.                                | 1.1 | 12        |
| 162 | Floristic changes in shallow soft waters in relation to underlying environmental factors. <i>Freshwater Biology</i> , 1988, 20, 97-111.                               | 1.2 | 39        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | Effects of water acidification on the decomposition of <i>Juncus bulbosus</i> L.. <i>Aquatic Botany</i> , 1988, 31, 57-81.  | 0.8 | 30        |
| 164 | Impact of acidification and eutrophication on the distribution of fish species in shallow and lentic soft waters of The Netherlands: an historical perspective. <i>Journal of Fish Biology</i> , 1987, 31, 753-774. | 0.7 | 29        |
| 165 | Evidence for recent acidification of lentic soft waters in the Netherlands. <i>Water, Air, and Soil Pollution</i> , 1986, 30, 387-392.  | 1.1 | 28        |
| 166 | Effects of sulphuric acid and acidifying ammonium deposition on water quality and vegetation of simulated soft water ecosystems. <i>Water, Air, and Soil Pollution</i> , 1986, 31, 267-272.                         | 1.1 | 6         |
| 167 | Biology of the acid-tolerant fish species <i>Umbra pygmaea</i> (De Kay, 1842). <i>Journal of Fish Biology</i> , 1986, 28, 307-326.  | 0.7 | 21        |
| 168 | Impact of acidification on phytoplankton and zooplankton communities. <i>Experientia</i> , 1986, 42, 486-494.   | 1.2 | 44        |
| 169 | Effects of water acidification on the distribution pattern and the reproductive success of amphibians. <i>Experientia</i> , 1986, 42, 495-503.  | 1.2 | 88        |
| 170 | Effects of preservation on dry- and ash-free dry weight biomass of some common aquatic macro-invertebrates. <i>Hydrobiologia</i> , 1985, 127, 151-159.  | 1.0 | 94        |
| 171 | Species or group specificity in biological and immunological studies of crustacean hyperglycemic hormone. <i>General and Comparative Endocrinology</i> , 1982, 46, 288-296.   | 0.8 | 59        |
| 172 | A comparative immunocytochemical investigation of the crustacean hyperglycemic hormone (CHH) in the eyestalks of some decapod crustacea. <i>Journal of Morphology</i> , 1982, 174, 161-168.                         | 0.6 | 38        |
| 173 | Underwater Macroplastic Detection Using Imaging Sonars. <i>Frontiers in Environmental Science</i> , 0, 10, .  | 1.5 | 6         |