

# Wim Admiraal

## List of Publications by Citations

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34  
papers

1,281  
citations

19  
h-index

34  
g-index

34  
ext. papers

1,407  
ext. citations

3.6  
avg, IF

3.75  
L-index

#	Paper	IF	Citations
34	A review of the effects of multiple stressors on aquatic organisms and analysis of uncertainty factors for use in risk assessment. <i>Critical Reviews in Toxicology</i> , <b>2001</b> , 31, 247-84	5.7	387
33	Differences in the sensitivity of benthic microalgae to ZN and CD regarding biofilm development and exposure history. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 1332-1339	3.8	102
32	Copper-induced modifications of the trophic relations in riverine algal-bacterial biofilms. <i>Environmental Toxicology and Chemistry</i> , <b>2003</b> , 22, 1340-1349	3.8	75
31	Divergent composition of algal-bacterial biofilms developing under various external factors. <i>European Journal of Phycology</i> , <b>2005</b> , 40, 1-8	2.2	65
30	Cell turnover and detritus production in marine sponges from tropical and temperate benthic ecosystems. <i>PLoS ONE</i> , <b>2014</b> , 9, e109486	3.7	61
29	Development of photosynthetic biofilms affected by dissolved and sorbed copper in a eutrophic river. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 1955-1965	3.8	54
28	Hazard and risk of herbicides for marine microalgae. <i>Environmental Pollution</i> , <b>2014</b> , 187, 106-11	9.3	53
27	Responses of biofilms to combined nutrient and metal exposure. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 626-632	3.8	44
26	Temperature- and Light-Dependent Performance of the Cyanobacterium <i>Leptolyngbya Foveolarum</i> and the Diatom <i>Nitzschia Perminuta</i> in Mixed Biofilms. <i>Hydrobiologia</i> , <b>2005</b> , 548, 267-278	2.4	44
25	Developmental disorders in embryos of the frog <i>Xenopus laevis</i> induced by chloroacetanilide herbicides and their degradation products. <i>Environmental Toxicology and Chemistry</i> , <b>2002</b> , 21, 375-379	3.8	39
24	Eutrophication decreases distance decay of similarity in diatom communities. <i>Freshwater Biology</i> , <b>2014</b> , 59, 1522-1531	3.1	35
23	Invertebrate footprints on detritus processing, bacterial community structure, and spatiotemporal redox profiles. <i>Freshwater Science</i> , <b>2012</b> , 31, 724-732	2	35
22	Efficient shedding of accumulated metals during metamorphosis in metal-adapted populations of the midge <i>Chironomus riparius</i> . <i>Environmental Toxicology and Chemistry</i> , <b>1999</b> , 18, 1225-1231	3.8	35
21	DECOTAB: a multipurpose standard substrate to assess effects of litter quality on microbial decomposition and invertebrate consumption. <i>Freshwater Science</i> , <b>2012</b> , 31, 1156-1162	2	32
20	Resource niche overlap promotes stability of bacterial community metabolism in experimental microcosms. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 105	5.7	26
19	Macrophyte loss drives decadal change in benthic invertebrates in peatland drainage ditches. <i>Freshwater Biology</i> , <b>2014</b> , 59, 114-126	3.1	22
18	Effects of exposure to azaarenes on emergence and mouthpart development in the midge <i>Chironomus riparius</i> (Diptera: Chironomidae). <i>Environmental Toxicology and Chemistry</i> , <b>1999</b> , 18, 1829-1834	3.8	21

17	Survival and behavioral responses of larvae of the caddisfly <i>Hydropsyche angustipennis</i> to copper and diazinon. <i>Environmental Toxicology and Chemistry</i> , <b>1999</b> , 18, 1965-1971	3.8	20
16	The impact of sediment reworking by opportunistic chironomids on specialised mayflies. <i>Freshwater Biology</i> , <b>2005</b> , 50, 770-780	3.1	19
15	Fatty acid profiles of algae mark the development and composition of harpacticoid copepods. <i>Freshwater Biology</i> , <b>2007</b> , 53, 070902205530001-???	3.1	14
14	The role of ultraviolet-adaptation of a marine diatom in photoenhanced toxicity of acridine. <i>Environmental Toxicology and Chemistry</i> , <b>2003</b> , 22, 591-598	3.8	13
13	Ciliates as engineers of phototrophic biofilms. <i>Freshwater Biology</i> , <b>2011</b> , 56, 1358-1369	3.1	12
12	Typology of diatom communities in the Dutch delta: Recognizing patterns of environmental drivers in nutrient rich ditches. <i>Ecological Indicators</i> , <b>2014</b> , 45, 561-569	5.8	11
11	Metals and altitude drive genetic diversity of chironomids in Andean streams. <i>Freshwater Biology</i> , <b>2014</b> , 59, 56-63	3.1	10
10	Atmospheric Electricity Influencing Biogeochemical Processes in Soils and Sediments. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 378	4.6	8
9	Ultraviolet-B-driven pigmentation and genetic diversity of benthic macroinvertebrates from high-altitude Andean streams. <i>Freshwater Biology</i> , <b>2013</b> , 58, 1710-1719	3.1	8
8	Linkages between benthic microbial and freshwater insect communities in degraded peatland ditches. <i>Ecological Indicators</i> , <b>2014</b> , 46, 415-424	5.8	7
7	Differences in the sensitivity of benthic microalgae to ZN and CD regarding biofilm development and exposure history <b>2000</b> , 19, 1332		6
6	The role of emergent vegetation in structuring aquatic insect communities in peatland drainage ditches. <i>Aquatic Ecology</i> , <b>2014</b> , 48, 267-283	1.9	5
5	Physical and biological changes of suspended particles in a free surface flow constructed wetland. <i>Ecological Engineering</i> , <b>2013</b> , 60, 10-18	3.9	5
4	Suspended organic particles drive the development of attached algal communities in degraded peatlands. <i>Hydrobiologia</i> , <b>2015</b> , 744, 211-221	2.4	4
3	Drivers of Vegetation Development, Biomass Production and the Initiation of Peat Formation in a Newly Constructed Wetland. <i>Ecosystems</i> , <b>2020</b> , 23, 1019-1036	3.9	4
2	Temporal abiotic variability structures invertebrate communities in agricultural drainage ditches. <i>Limnologia</i> , <b>2015</b> , 52, 20-29	2	3
1	Decomposition of Standing Litter Biomass in Newly Constructed Wetlands Associated with Direct Effects of Sediment and Water Characteristics and the Composition and Activity of the Decomposer Community Using <i>Phragmites australis</i> as a Single Standard Substrate. <i>Wetlands</i> , <b>2019</b> , 39, 113-125	1.7	2