

# Wim Admiraal

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,542  
citations

361045

20  
h-index

395343

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2167  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2001, 31, 247-284.	1.9	451
2	Differences in the sensitivity of benthic microalgae to ZN and CD regarding biofilm development and exposure history. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1332-1339.	2.2	117
3	Cell Turnover and Detritus Production in Marine Sponges from Tropical and Temperate Benthic Ecosystems. <i>PLoS ONE</i> , 2014, 9, e109486.	1.1	86
4	Copper-induced modifications of the trophic relations in riverine algal-bacterial biofilms. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1340-1349.	2.2	82
5	Divergent composition of algal-bacterial biofilms developing under various external factors. <i>European Journal of Phycology</i> , 2005, 40, 1-8.	0.9	80
6	Hazard and risk of herbicides for marine microalgae. <i>Environmental Pollution</i> , 2014, 187, 106-111.	3.7	57
7	Development of photosynthetic biofilms affected by dissolved and sorbed copper in a eutrophic river. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1955-1965.	2.2	54
8	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> , 2005, 548, 267-278.	1.0	52
9	Eutrophication decreases distance decay of similarity in diatom communities. <i>Freshwater Biology</i> , 2014, 59, 1522-1531.	1.2	52
10	Responses of biofilms to combined nutrient and metal exposure. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 626-632.	2.2	48
11	Resource niche overlap promotes stability of bacterial community metabolism in experimental microcosms. <i>Frontiers in Microbiology</i> , 2015, 6, 105.	1.5	45
12	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> , 2002, 21, 375-379.	2.2	41
13	Invertebrate footprints on detritus processing, bacterial community structure, and spatiotemporal redox profiles. <i>Freshwater Science</i> , 2012, 31, 724-732.	0.9	41
14	DECOTAB: a multipurpose standard substrate to assess effects of litter quality on microbial decomposition and invertebrate consumption. <i>Freshwater Science</i> , 2012, 31, 1156-1162.	0.9	39
15	Efficient shedding of accumulated metals during metamorphosis in metal-adapted populations of the midge <i>Chironomus riparius</i> . <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1225-1231.	2.2	38
16	Fatty acid profiles of algae mark the development and composition of harpacticoid copepods. <i>Freshwater Biology</i> , 2008, 53, 77-90.	1.2	34
17	Macrophyte loss drives decadal change in benthic invertebrates in peatland drainage ditches. <i>Freshwater Biology</i> , 2014, 59, 114-126.	1.2	31
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> , 1999, 18, 1829-1834.	2.2	23

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19	Survival and behavioral responses of larvae of the caddisfly <i>Hydropsyche angustipennis</i> to copper and diazinon. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1965-1971.	2.2	23
20	The impact of sediment reworking by opportunistic chironomids on specialised mayflies. <i>Freshwater Biology</i> , 2005, 50, 770-780.	1.2	23
21	Ciliates as engineers of phototrophic biofilms. <i>Freshwater Biology</i> , 2011, 56, 1358-1369.	1.2	17
22	The role of ultraviolet adaptation of a marine diatom in photoenhanced toxicity of acridine. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 591-598.	2.2	14
23	Typology of diatom communities in the Dutch delta: Recognizing patterns of environmental drivers in nutrient rich ditches. <i>Ecological Indicators</i> , 2014, 45, 561-569.	2.6	13
24	Atmospheric Electricity Influencing Biogeochemical Processes in Soils and Sediments. <i>Frontiers in Physiology</i> , 2019, 10, 378.	1.3	12
25	Metals and altitude drive genetic diversity of chironomids in Andean streams. <i>Freshwater Biology</i> , 2014, 59, 56-63.	1.2	10
26	Drivers of Vegetation Development, Biomass Production and the Initiation of Peat Formation in a Newly Constructed Wetland. <i>Ecosystems</i> , 2020, 23, 1019-1036.	1.6	9
27	Ultraviolet-B-driven pigmentation and genetic diversity of benthic macroinvertebrates from high-altitude Andean streams. <i>Freshwater Biology</i> , 2013, 58, 1710-1719.	1.2	8
28	Linkages between benthic microbial and freshwater insect communities in degraded peatland ditches. <i>Ecological Indicators</i> , 2014, 46, 415-424.	2.6	8
29	The role of emergent vegetation in structuring aquatic insect communities in peatland drainage ditches. <i>Aquatic Ecology</i> , 2014, 48, 267-283.	0.7	7
30	Suspended organic particles drive the development of attached algal communities in degraded peatlands. <i>Hydrobiologia</i> , 2015, 744, 211-221.	1.0	7
31	Physical and biological changes of suspended particles in a free surface flow constructed wetland. <i>Ecological Engineering</i> , 2013, 60, 10-18.	1.6	6
32	Differences in the sensitivity of benthic microalgae to ZN and CD regarding biofilm development and exposure history. , 2000, 19, 1332.		6
33	Temporal abiotic variability structures invertebrate communities in agricultural drainage ditches. <i>Limnologica</i> , 2015, 52, 20-29.	0.7	4
34	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> , 2019, 39, 113-125.	0.7	4