

# Miquel Ribot

## List of Publications by Year in descending order

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33  
papers

879  
citations

430754

18  
h-index

477173

29  
g-index

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33  
docs citations

33  
times ranked

1245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consequences of an ecosystem state shift for nitrogen cycling in a desert stream. <i>Limnology and Oceanography</i> , 2022, 67, 1274-1286.	1.6	0
2	Wastewater treatment plant effluent inputs influence the temporal variability of nutrient uptake in an intermittent stream. <i>Urban Ecosystems</i> , 2022, 25, 1313-1326.	1.1	4
3	Hydromorphologic Control of Streambed Fine Particle Standing Stocks Influences In-stream Aerobic Respiration. <i>Frontiers in Water</i> , 2021, 3, .	1.0	1
4	Spatial heterogeneity in water velocity drives leaf litter dynamics in streams. <i>Freshwater Biology</i> , 2020, 65, 435-445.	1.2	21
5	Chemical and optical properties of leachates from different riparian particulate organic matter sources influence instream microbial activity. <i>Freshwater Science</i> , 2020, 39, 812-823.	0.9	0
6	Effect of Three Emergent Macrophyte Species on Nutrient Retention in Aquatic Environments under Excess Nutrient Loading. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15376-15384.	4.6	8
7	Wastewater treatment plant effluent inputs induce large biogeochemical changes during low flows in an intermittent stream but small changes in day-night patterns. <i>Science of the Total Environment</i> , 2020, 714, 136733.	3.9	16
8	Microbial uptake of nitrogen and carbon from the water column by litter-associated microbes differs among litter species. <i>Limnology and Oceanography</i> , 2020, 65, 1891-1902.	1.6	7
9	Exploring the role of hydraulic conductivity on the contribution of the hyporheic zone to in-stream nitrogen uptake. <i>Ecohydrology</i> , 2019, 12, e2139.	1.1	12
10	The role of helophyte species on nitrogen and phosphorus retention from wastewater treatment plant effluents. <i>Journal of Environmental Management</i> , 2019, 252, 109585.	3.8	10
11	Leachates from Helophyte Leaf-Litter Enhance Nitrogen Removal from Wastewater Treatment Plant Effluents. <i>Environmental Science &amp; Technology</i> , 2019, 53, 7613-7620.	4.6	19
12	Responses of microbially driven leaf litter decomposition to stream nutrients depend on litter quality. <i>Hydrobiologia</i> , 2018, 806, 333-346.	1.0	18
13	Understanding pathways of dissimilatory and assimilatory dissolved inorganic nitrogen uptake in streams. <i>Limnology and Oceanography</i> , 2017, 62, 1166-1183.	1.6	33
14	Enhancement of carbon and nitrogen removal by helophytes along subsurface water flowpaths receiving treated wastewater. <i>Science of the Total Environment</i> , 2017, 599-600, 1667-1676.	3.9	16
15	Small-scale heterogeneity of microbial N uptake in streams and its implications at the ecosystem level. <i>Ecology</i> , 2016, 97, 1329-1344.	1.5	27
16	Riparian and in-stream controls on nutrient concentrations and fluxes in a headwater forested stream. <i>Biogeosciences</i> , 2015, 12, 1941-1954.	1.3	41
17	Hydrological transitions drive dissolved organic matter quantity and composition in a temporary Mediterranean stream. <i>Biogeochemistry</i> , 2015, 123, 429-446.	1.7	46
18	Biofilm growth and nitrogen uptake responses to increases in nitrate and ammonium availability. <i>Aquatic Sciences</i> , 2015, 77, 695-707.	0.6	20

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19	Contrasts among macrophyte riparian species in their use of stream water nitrate and ammonium: insights from $^{15}\text{N}$ natural abundance. <i>Aquatic Sciences</i> , 2014, 76, 203-215.	0.6	17
20	Temporal Variability of Nitrogen Stable Isotopes in Primary Uptake Compartments in Four Streams Differing in Human Impacts. <i>Environmental Science &amp; Technology</i> , 2014, 48, 6612-6619.	4.6	24
21	Ecosystem respiration increases with biofilm growth and bed forms: Flume measurements with resazurin. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 2220-2230.	1.3	27
22	Intrinsic and extrinsic drivers of autotrophic nitrogen cycling in stream ecosystems: Results from a translocation experiment. <i>Limnology and Oceanography</i> , 2014, 59, 1973-1986.	1.6	13
23	Nitrogen Stable Isotopes in Primary Uptake Compartments Across Streams Differing in Nutrient Availability. <i>Environmental Science &amp; Technology</i> , 2013, 47, 130830132045000.	4.6	14
24	Influence of nitrate and ammonium availability on uptake kinetics of stream biofilms. <i>Freshwater Science</i> , 2013, 32, 1155-1167.	0.9	36
25	Colonization of freshwater biofilms by nitrifying bacteria from activated sludge. <i>FEMS Microbiology Ecology</i> , 2013, 85, 104-115.	1.3	41
26	Nitrogen processing and the role of epilithic biofilms downstream of a wastewater treatment plant. <i>Freshwater Science</i> , 2012, 31, 1057-1069.	0.9	46
27	Temporal variation of hydrological exchange and hyporheic biogeochemistry in a headwater stream during autumn. <i>Journal of the North American Benthological Society</i> , 2011, 30, 635-652.	3.0	22
28	Influence of transient storage on stream nutrient uptake based on substrata manipulation. <i>Aquatic Sciences</i> , 2011, 73, 365-376.	0.6	35
29	Contraction, fragmentation and expansion dynamics determine nutrient availability in a Mediterranean forest stream. <i>Aquatic Sciences</i> , 2011, 73, 485-497.	0.6	89
30	Variation in stream C, N and P uptake along an altitudinal gradient: a space-for-time analogue to assess potential impacts of climate change. <i>Hydrology Research</i> , 2009, 40, 123-137.	1.1	19
31	Inter-annual, Annual, and Seasonal Variation of P and N Retention in a Perennial and an Intermittent Stream. <i>Ecosystems</i> , 2008, 11, 670-687.	1.6	74
32	Influence of land use on stream ecosystem function in a Mediterranean catchment. <i>Freshwater Biology</i> , 2008, 53, 2600-2612.	1.2	80
33	Combined effects of leaf litter inputs and a flood on nutrient retention in a Mediterranean mountain stream during fall. <i>Limnology and Oceanography</i> , 2008, 53, 631-641.	1.6	43