

# JosÃ© L J Ledesma

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

816  
citations

516215

16  
h-index

500791

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term dynamics of dissolved organic carbon: Implications for drinking water supply. <i>Science of the Total Environment</i> , 2012, 432, 1-11.	3.9	86
2	Potential for long-term transfer of dissolved organic carbon from riparian zones to streams in boreal catchments. <i>Global Change Biology</i> , 2015, 21, 2963-2979.	4.2	76
3	Towards an Improved Conceptualization of Riparian Zones in Boreal Forest Headwaters. <i>Ecosystems</i> , 2018, 21, 297-315.	1.6	71
4	The interplay between total mercury, methylmercury and dissolved organic matter in fluvial systems: A latitudinal study across Europe. <i>Water Research</i> , 2018, 144, 172-182.	5.3	53
5	Riparian zone control on base cation concentration in boreal streams. <i>Biogeosciences</i> , 2013, 10, 3849-3868.	1.3	51
6	Boreal forest riparian zones regulate stream sulfate and dissolved organic carbon. <i>Science of the Total Environment</i> , 2016, 560-561, 110-122.	3.9	50
7	Meta-analysis of environmental effects of beaver in relation to artificial dams. <i>Environmental Research Letters</i> , 2017, 12, 113002.	2.2	46
8	Spatial and temporal variations of base cation release from chemical weathering on a hillslope scale. <i>Chemical Geology</i> , 2016, 441, 1-13.	1.4	41
9	An evaluation of high frequency turbidity as a proxy for riverine total phosphorus concentrations. <i>Science of the Total Environment</i> , 2019, 651, 103-113.	3.9	32
10	Evaluating hillslope and riparian contributions to dissolved nitrogen (N) export from a boreal forest catchment. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 324-339.	1.3	30
11	Gridded climate data products are an alternative to instrumental measurements as inputs to rainfall-runoff models. <i>Hydrological Processes</i> , 2017, 31, 3283-3293.	1.1	29
12	The history of rainfall data time-resolution in a wide variety of geographical areas. <i>Journal of Hydrology</i> , 2020, 590, 125258.	2.3	29
13	Aquatic DOC export from subarctic Atlantic blanket bog in Norway is controlled by seasalt deposition, temperature and precipitation. <i>Biogeochemistry</i> , 2016, 127, 305-321.	1.7	27
14	Stream Dissolved Organic Matter Composition Reflects the Riparian Zone, Not Upslope Soils in Boreal Forest Headwaters. <i>Water Resources Research</i> , 2018, 54, 3896-3912.	1.7	24
15	Local and landscape scale impacts of clearcuts and climate change on surface water dissolved organic carbon in boreal forests. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2402-2426.	1.3	23
16	Carbon dioxide fluxes increase from day to night across European streams. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	19
17	Ecohydrological consequences of tree removal in an urban park evaluated using open data, free software and a minimalist measuring campaign. <i>Science of the Total Environment</i> , 2019, 655, 1495-1504.	3.9	18
18	Increased Dissolved Organic Carbon Concentrations in Peat Fed UK Water Supplies Under Future Climate and Sulfate Deposition Scenarios. <i>Water Resources Research</i> , 2020, 56, e2019WR025592.	1.7	18

#	ARTICLE	IF	CITATIONS
19	Modelling the effects of climate and land-use change on the hydrochemistry and ecology of the River Wye (Wales). <i>Science of the Total Environment</i> , 2018, 627, 733-743.	3.9	17
20	Long-Term Climatic and Anthropogenic Impacts on Streamwater Salinity in New York State: INCA Simulations Offer Cautious Optimism. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1339-1347.	4.6	17
21	Using dry and wet year hydroclimatic extremes to guide future hydrologic projections. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 2811-2825.	1.9	15
22	Riparian evapotranspiration is essential to simulate streamflow dynamics and water budgets in a Mediterranean catchment. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4033-4045.	1.9	11
23	Minimal climate change impacts on natural organic matter forecasted for a potable water supply in Ireland. <i>Science of the Total Environment</i> , 2018, 630, 869-877.	3.9	9
24	Evaluating the accuracy of two <i>in situ</i> optical sensors to estimate DOC concentrations for drinking water production. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2891-2901.	1.2	8
25	Future hydrological constraints of the Montseny brook newt ( <i>Calotriton arnoldi</i> ) under changing climate and vegetation cover. <i>Ecology and Evolution</i> , 2019, 9, 9736-9747.	0.8	5
26	Future changes in the Dominant Source Layer of riparian lateral water fluxes in a subhumid Mediterranean catchment. <i>Journal of Hydrology</i> , 2021, 595, 126014.	2.3	4
27	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
28	Hydrological responses to rainfall events including the extratropical cyclone <i>Gloria</i> in two contrasting Mediterranean headwaters in Spain; the perennial font del Regàs and the intermittent Fuirosos. <i>Hydrological Processes</i> , 2021, 35, .	1.1	3