

Camille Minaudo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

661
citations

11
h-index

25
g-index

33
ext. papers

923
ext. citations

6
avg, IF

4.19
L-index

#	Paper	IF	Citations
27	Elemental properties, hydrology, and biology interact to shape concentration-discharge curves for carbon, nutrients, sediment, and major ions. <i>Water Resources Research</i> , 2017 , 53, 1270-1287	5.4	180
26	Human domination of the global water cycle absent from depictions and perceptions. <i>Nature Geoscience</i> , 2019 , 12, 533-540	18.3	124
25	Eutrophication mitigation in rivers: 30 years of trends in spatial and seasonal patterns of biogeochemistry of the Loire River (1980-2012). <i>Biogeosciences</i> , 2015 , 12, 2549-2563	4.6	76
24	Multidecadal Trajectory of Riverine Nitrogen and Phosphorus Dynamics in Rural Catchments. <i>Water Resources Research</i> , 2018 , 54, 5327-5340	5.4	42
23	Seasonal and event-based concentration-discharge relationships to identify catchment controls on nutrient export regimes. <i>Advances in Water Resources</i> , 2019 , 131, 103379	4.7	41
22	A water cycle for the Anthropocene. <i>Hydrological Processes</i> , 2019 , 33, 3046-3052	3.3	28
21	Stability of spatial patterns in water chemistry across temperate ecoregions. <i>Environmental Research Letters</i> , 2019 , 14, 074015	6.2	25
20	Nonlinear empirical modeling to estimate phosphorus exports using continuous records of turbidity and discharge. <i>Water Resources Research</i> , 2017 , 53, 7590-7606	5.4	25
19	Nutrient inputs and hydrology together determine biogeochemical status of the Loire River (France): Current situation and possible future scenarios. <i>Science of the Total Environment</i> , 2018 , 637-638, 609-624	10.2	23
18	Distribution of Landscape Units Within Catchments Influences Nutrient Export Dynamics. <i>Frontiers in Environmental Science</i> , 2019 , 7,	4.8	15
17	QUAL-NET, a high temporal-resolution eutrophication model for large hydrographic networks. <i>Biogeosciences</i> , 2018 , 15, 2251-2269	4.6	13
16	Stream Solutes and Particulates Export Regimes: A New Framework to Optimize Their Monitoring. <i>Frontiers in Ecology and Evolution</i> , 2020 , 7,	3.7	9
15	Spatio-temporal controls of C/N/P dynamics across headwater catchments of a temperate agricultural region from public data analysis. <i>Hydrology and Earth System Sciences</i> , 2021 , 25, 2491-2511	5.5	8
14	Spatial and Temporal Variability in Concentration-Discharge Relationships at the Event Scale. <i>Water Resources Research</i> , e2020WR029442	5.4	8
13	Using recent high-frequency surveys to reconstitute 35 years of organic carbon variations in a eutrophic lowland river. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 41	3.1	7
12	Multitemporal Relationships Between the Hydroclimate and Exports of Carbon, Nitrogen, and Phosphorus in a Small Agricultural Watershed. <i>Water Resources Research</i> , 2020 , 56, e2019WR026323	5.4	6
11	Primary and Net Ecosystem Production in a Large Lake Diagnosed From High-Resolution Oxygen Measurements. <i>Water Resources Research</i> , 2021 , 57, e2020WR029283	5.4	6

10	Integrating Inland and Coastal Water Quality Data for Actionable Knowledge. <i>Remote Sensing</i> , 2021 , 13, 2899	5	6
9	Model-based data analysis of the effect of winter mixing on primary production in a lake under reoligotrophication. <i>Ecological Modelling</i> , 2021 , 440, 109401	3	5
8	Long-term impacts of nutrient control, climate change, and invasive clams on phytoplankton and cyanobacteria biomass in a large temperate river. <i>Science of the Total Environment</i> , 2021 , 756, 144074	10.2	5
7	Synthesizing the impacts of baseflow contribution on concentration–discharge (<i>C</i>–<i>Q</i>) relationships across Australia using a Bayesian hierarchical model. <i>Hydrology and Earth System Sciences</i> , 2022 , 26, 1-16	5.5	2
6	The influence of climate on water chemistry states and dynamics in rivers across Australia. <i>Hydrological Processes</i> , e14423	3.3	2
5	The Imprint of Primary Production on High-Frequency Profiles of Lake Optical Properties. <i>Environmental Science & Technology</i> , 2021 , 55, 14234-14244	10.3	2
4	The value of human data annotation for machine learning based anomaly detection in environmental systems. <i>Water Research</i> , 2021 , 206, 117695	12.5	2
3	Eutrophication mitigation in rivers: 30 years of trends and seasonality changes in biogeochemistry of the Loire River (1980–2012)		1
2	Adapting the dynamic LakeMab model to simulate seasonal variations of phosphorus concentration in reservoirs: a case study of Lake Bultière (France). <i>Limnology</i> , 2020 , 21, 233-244	1.7	
1	High Frequency Records of Nutrients and Algal Biomass Pigments for Deciphering Biogeochemical Processes in the Loire River (France). <i>Procedia Earth and Planetary Science</i> , 2014 , 10, 139-142		