

Lauriane Vilmin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

586
citations

687220

13
h-index

794469

19
g-index

22
all docs

22
docs citations

22
times ranked

835
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring Spatially Explicit Changes in Carbon Budgets of Global River Basins during the 20th Century. <i>Environmental Science & Technology</i> , 2021, 55, 16757-16769.	4.6	21
2	Modeling Processâ€Based Biogeochemical Dynamics in Surface Fresh Waters of Large Watersheds With the IMAGEâ€DGNM Framework. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001796.	1.3	16
3	Estimating dissolved carbon concentrations in global soils: a global database and model. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	14
4	Exploring Long-Term Changes in Silicon Biogeochemistry Along the River Continuum of the Rhine and Yangtze (Changjiang). <i>Environmental Science & Technology</i> , 2020, 54, 11940-11950.	4.6	18
5	Ecological Functioning of the Seine River: From Long-Term Modelling Approaches to High-Frequency Data Analysis. <i>Handbook of Environmental Chemistry</i> , 2020, , 189-216.	0.2	13
6	Comment on "Multi-Scale Modeling of Nutrient Pollution in the Rivers of China". <i>Environmental Science & Technology</i> , 2020, 54, 2043-2045.	4.6	1
7	Modeling phosphorus in rivers at the global scale: recent successes, remaining challenges, and near-term opportunities. <i>Current Opinion in Environmental Sustainability</i> , 2019, 36, 68-77.	3.1	18
8	Forms and subannual variability of nitrogen and phosphorus loading to global river networks over the 20th century. <i>Global and Planetary Change</i> , 2018, 163, 67-85.	1.6	74
9	Estimating ecosystem metabolism from continuous multi-sensor measurements in the Seine River. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23451-23467.	2.7	27
10	Estimation of the water quality of a large urbanized river as defined by the European WFD: what is the optimal sampling frequency?. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23485-23501.	2.7	34
11	How Human Activities Have Modified Nitrogen And Phosphorus Delivery To Global Rivers. , 2018, , .		0
12	An intercomparison of remote sensing river discharge estimation algorithms from measurements of river height, width, and slope. <i>Water Resources Research</i> , 2016, 52, 4527-4549.	1.7	163
13	Carbon fate in a large temperate humanâ€impacted river system: Focus on benthic dynamics. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1086-1104.	1.9	24
14	Le modÃ©le de prÃ©diction de la qualitÃ© de la Seine ProSe. <i>Techniques - Sciences - Methodes</i> , 2016, , 43-66.	0.0	2
15	Phosphorus budget in the waterâ€agroâ€food system at nested scales in two contrasted regions of the world (ASEANâ€8 and EUâ€27). <i>Global Biogeochemical Cycles</i> , 2015, 29, 1348-1368.	1.9	54
16	Modelling the fate of nitrite in an urbanized river using experimentally obtained nitrifier growth parameters. <i>Water Research</i> , 2015, 73, 373-387.	5.3	30
17	Impact of hydro-sedimentary processes on the dynamics of soluble reactive phosphorus in the Seine River. <i>Biogeochemistry</i> , 2015, 122, 229-251.	1.7	31
18	Pluri-annual sediment budget in a navigated river system: The Seine River (France). <i>Science of the Total Environment</i> , 2015, 502, 48-59.	3.9	29

#	ARTICLE	IF	CITATIONS
19	Modelling the fate of nonylphenolic compounds in the Seine River " part 1: Determination of in-situ attenuation rate constants. Science of the Total Environment, 2014, 468-469, 1050-1058.	3.9	10
20	Modelling the fate of nonylphenolic compounds in the Seine River " part 2: Assessing the impact of global change on daily concentrations. Science of the Total Environment, 2014, 468-469, 1059-1068.	3.9	5