

Claire Lauvernet

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

290
citations

932766

10
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940134

16
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28
all docs

28
docs citations

28
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling of a subsurface drainage model with a soil reservoir model to simulate drainage discharge and drain flow start. <i>Agricultural Water Management</i> , 2022, 262, 107318.	2.4	7
2	Intercomparaison des Ã©vÃ©nements d'Ã©tiage extrÃªme en France depuis 1871. <i>LHB Hydrosience Journal</i> , 2021, 107, 1-9.	0.2	2
3	FYRE Climate: a high-resolution reanalysis of daily precipitation and temperature in France from 1871 to 2012. <i>Climate of the Past</i> , 2021, 17, 1857-1879.	1.3	10
4	A framework for high-resolution meteorological surface reanalysis through offline data assimilation in an ensemble of downscaled reconstructions. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 153-173.	1.0	19
5	Metamodeling methods that incorporate qualitative variables for improved design of vegetative filter strips. <i>Reliability Engineering and System Safety</i> , 2020, 204, 107083.	5.1	5
6	Sobol Global Sensitivity Analysis of a Coupled Surface/Subsurface Water Flow and Reactive Solute Transfer Model on a Real Hillslope. <i>Water (Switzerland)</i> , 2020, 12, 121.	1.2	13
7	From agricultural catchment to management scenarios: A modular tool to assess effects of landscape features on water and pesticide behavior. <i>Science of the Total Environment</i> , 2019, 671, 1144-1160.	3.9	13
8	Global evaluation and sensitivity analysis of a physically based flow and reactive transport model on a laboratory experiment. <i>Environmental Modelling and Software</i> , 2019, 113, 73-83.	1.9	21
9	Ã©valuation et comparaison de sÃ©ries de prÃ©cipitations historiques dans des sous-bassins versants de la Meuse et de la Moselle, 1871-2004. <i>Climatologie</i> , 2019, 16, 52-71.	0.2	1
10	Shallow water table effects on water, sediment, and pesticide transport in vegetative filter strips â€” Part 2: model coupling, application, factor importance, and uncertainty. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 71-87.	1.9	32
11	Shallow water table effects on water, sediment, and pesticide transport in vegetative filter strips â€” Part 1: nonuniform infiltration and soil water redistribution. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 53-70.	1.9	32
12	Effect of surface and subsurface heterogeneity on the hydrological response of a grassed buffer zone. <i>Journal of Hydrology</i> , 2016, 542, 637-647.	2.3	11
13	Storage of Simulation Result Data. <i>Advances in Business Information Systems and Analytics Book Series</i> , 2016, , 58-70.	0.3	0
14	Guaranteeing the quality of multidimensional analysis in data warehouses of simulation results: Application to pesticide transfer data produced by the MACRO model. <i>Ecological Informatics</i> , 2013, 16, 41-52.	2.3	11
15	Using Automatic Differentiation to Study the Sensitivity of a Crop Model. <i>Lecture Notes in Computational Science and Engineering</i> , 2012, , 59-69.	0.1	5
16	A truncated Gaussian filter for data assimilation with inequality constraints: Application to the hydrostatic stability condition in ocean models. <i>Ocean Modelling</i> , 2009, 27, 1-17.	1.0	37
17	Multitemporal-patch ensemble inversion of coupled surface-atmosphere radiative transfer models for land surface characterization. <i>Remote Sensing of Environment</i> , 2008, 112, 851-861.	4.6	68