

Luisa Hopp

List of Publications by Year in descending order

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22
papers

914
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567281

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1349
citing authors

#	ARTICLE	IF	CITATIONS
1	Delineating Source Contributions to Stream Dissolved Organic Matter Composition Under Baseflow Conditions in Forested Headwater Catchments. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006425.	3.0	6
2	Low hydrological connectivity after summer drought inhibits DOC export in a forested headwater catchment. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5133-5151.	4.9	19
3	Sources of Surface Water in Space and Time: Identification of Delivery Processes and Geographical Sources With Hydraulic Mixing-Cell Modeling. <i>Water Resources Research</i> , 2021, 57, .	4.2	4
4	Water sources for root water uptake: Using stable isotopes of hydrogen and oxygen as a research tool in agricultural and agroforestry systems. <i>Agriculture, Ecosystems and Environment</i> , 2020, 291, 106790.	5.3	65
5	The relevance of preferential flow in catchment scale simulations: Calibrating a 3D dual-permeability model using DREAM. <i>Hydrological Processes</i> , 2020, 34, 1237-1254.	2.6	5
6	Intra-catchment variability of surface saturation " insights from physically based simulations in comparison with biweekly thermal infrared image observations. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1393-1413.	4.9	16
7	How Meaningful are Plot-scale Observations and Simulations of Preferential Flow for Catchment Models?. <i>Vadose Zone Journal</i> , 2019, 18, 1-18.	2.2	26
8	How can we model subsurface stormflow at the catchment scale if we cannot measure it?. <i>Hydrological Processes</i> , 2019, 33, 1378-1385.	2.6	19
9	Ideas and perspectives: Tracing terrestrial ecosystem water fluxes using hydrogen and oxygen stable isotopes " challenges and opportunities from an interdisciplinary perspective. <i>Biogeosciences</i> , 2018, 15, 6399-6415.	3.3	115
10	Simulating water flow in variably saturated soils: a comparison of a 3D model with approximation-based formulations. <i>Hydrology Research</i> , 2016, 47, 274-290.	2.7	7
11	On the value of surface saturated area dynamics mapped with thermal infrared imagery for modeling the hillslope-riparian-stream continuum. <i>Water Resources Research</i> , 2016, 52, 8317-8342.	4.2	47
12	Spatio-temporal variability of piezometric response on two steep alpine hillslopes. <i>Hydrological Processes</i> , 2015, 29, 198-211.	2.6	41
13	Simulated effect of soil depth and bedrock topography on near-surface hydrologic response and slope stability. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 146-159.	2.5	66
14	The effect of spatial throughfall patterns on soil moisture patterns at the hillslope scale. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1749-1763.	4.9	42
15	Ecohydrological controls on soil erosion and landscape evolution. <i>Ecohydrology</i> , 2012, 5, 478-490.	2.4	13
16	Lateral Subsurface Flow in a Soil Cover over Waste Rock in a Humid Temperate Environment. <i>Vadose Zone Journal</i> , 2011, 10, 332-344.	2.2	16
17	Examining the role of throughfall patterns on subsurface stormflow generation. <i>Journal of Hydrology</i> , 2011, 409, 460-471.	5.4	30
18	Hillslope hydrology under glass: confronting fundamental questions of soil-water-biota co-evolution at Biosphere 2. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 2105-2118.	4.9	68

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19	Connectivity at the hillslope scale: Identifying interactions between storm size, bedrock permeability, slope angle and soil depth. <i>Journal of Hydrology</i> , 2009, 376, 378-391.	5.4	229
20	Arsenic and Chromium Partitioning in a Podzolic Soil Contaminated by Chromated Copper Arsenate. <i>Environmental Science & Technology</i> , 2008, 42, 6481-6486.	10.0	33
21	Spatial variability of arsenic and chromium in the soil water at a former wood preserving site. <i>Journal of Contaminant Hydrology</i> , 2006, 85, 159-178.	3.3	23
22	Simulation of chromium transport in the unsaturated zone for predicting contaminant entries into the groundwater. <i>Journal of Plant Nutrition and Soil Science</i> , 2004, 167, 284-292.	1.9	13