

Lars Ribbe

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,914
citations

218677

26
h-index

265206

42
g-index

66
all docs

66
docs citations

66
times ranked

2385
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrological responses to land use/cover changes in the source region of the Upper Blue Nile Basin, Ethiopia. <i>Science of the Total Environment</i> , 2017, 575, 724-741.	8.0	210
2	Temporal and spatial evaluation of satellite-based rainfall estimates across the complex topographical and climatic gradients of Chile. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1295-1320.	4.9	193
3	RF-MEP: A novel Random Forest method for merging gridded precipitation products and ground-based measurements. <i>Remote Sensing of Environment</i> , 2020, 239, 111606.	11.0	135
4	Temporal and spatial evaluation of satellite rainfall estimates over different regions in Latin-America. <i>Atmospheric Research</i> , 2018, 213, 34-50.	4.1	87
5	Quantifying and evaluating the impacts of cooperation in transboundary river basins on the Water-Energy-Food nexus: The Blue Nile Basin. <i>Science of the Total Environment</i> , 2018, 630, 1309-1323.	8.0	83
6	Catchment response to climate and land use changes in the Upper Blue Nile sub-basins, Ethiopia. <i>Science of the Total Environment</i> , 2018, 644, 193-206.	8.0	81
7	What influences disaster risk perception? Intervention measures, flood and landslide risk perception of the population living in flood risk areas in Rio de Janeiro state, Brazil. <i>International Journal of Disaster Risk Reduction</i> , 2017, 25, 227-237.	3.9	80
8	Spatio-temporal variations in climate, primary productivity and efficiency of water and carbon use of the land cover types in Sudan and Ethiopia. <i>Science of the Total Environment</i> , 2018, 624, 790-806.	8.0	76
9	Statistical downscaling of precipitation and temperature in north-central Chile: an assessment of possible climate change impacts in an arid Andean watershed. <i>Hydrological Sciences Journal</i> , 2010, 55, 41-57.	2.6	67
10	Harmonization of Landsat and Sentinel 2 for Crop Monitoring in Drought Prone Areas: Case Studies of Ninh Thuan (Vietnam) and Bekaa (Lebanon). <i>Remote Sensing</i> , 2020, 12, 281.	4.0	55
11	Analysis of Current and Future Water Demands in the Upper Indus Basin under IPCC Climate and Socio-Economic Scenarios Using a Hydro-Economic WEAP Model. <i>Water (Switzerland)</i> , 2018, 10, 537.	2.7	52
12	Urban Water Security: Definition and Assessment Framework. <i>Resources</i> , 2019, 8, 178.	3.5	45
13	Satellite-based evapotranspiration over Gezira Irrigation Scheme, Sudan: A comparative study. <i>Agricultural Water Management</i> , 2016, 177, 66-76.	5.6	43
14	Nitrate pollution of surface water induced by agricultural non-point pollution in the Pochay watershed, Chile. <i>Desalination</i> , 2008, 226, 13-20.	8.2	40
15	Spatio-temporal performance of large-scale Gezira Irrigation Scheme, Sudan. <i>Agricultural Systems</i> , 2015, 133, 131-142.	6.1	38
16	Component analysis for optimal leakage management in Madaba, Jordan. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2018, 67, 384-396.	1.4	36
17	Mobile Devices for Community-Based REDD+ Monitoring: A Case Study for Central Vietnam. <i>Sensors</i> , 2013, 13, 21-38.	3.8	35
18	Transdisciplinary research in support of land and water management in China and Southeast Asia: evaluation of four research projects. <i>Sustainability Science</i> , 2016, 11, 813-829.	4.9	35

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19	Conceptual modelling to assess the influence of hydro-climatic variability on runoff processes in data scarce semi-arid Andean catchments. <i>Hydrological Sciences Journal</i> , 2017, 62, 515-532.	2.6	32
20	A regional groundwater-flow model for sustainable groundwater-resource management in the south Asian megacity of Dhaka, Bangladesh. <i>Hydrogeology Journal</i> , 2017, 25, 617-637.	2.1	30
21	Gap filling and homogenization of climatological datasets in the headwater region of the Upper Blue Nile Basin, Ethiopia. <i>International Journal of Climatology</i> , 2017, 37, 2122-2140.	3.5	30
22	Quantifying human impacts on hydrological drought using a combined modelling approach in a tropical river basin in central Vietnam. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 547-565.	4.9	30
23	Integrated hydrological modeling for assessment of water demand and supply under socio-economic and IPCC climate change scenarios using WEAP in Central Indus Basin. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2019, 68, 136-148.	1.4	30
24	Interactions between freshwater ecosystem services and land cover changes in southern Bangladesh: A perspective from short-term (seasonal) and long-term (1973â€“2014) scale. <i>Science of the Total Environment</i> , 2019, 650, 132-143.	8.0	30
25	Changing dynamics of livelihood dependence on ecosystem services at temporal and spatial scales: An assessment in the southern wetland areas of Bangladesh. <i>Ecological Indicators</i> , 2020, 110, 105855.	6.3	30
26	Sowing date determinants for Sahelian rainfed agriculture in the context of agricultural policies and water management. <i>Land Use Policy</i> , 2016, 52, 316-328.	5.6	27
27	Mainstreaming Ecosystem Services Based Climate Change Adaptation (EbA) in Bangladesh: Status, Challenges and Opportunities. <i>Sustainability</i> , 2017, 9, 926.	3.2	26
28	Assessing Water Security in Water-Scarce Cities: Applying the Integrated Urban Water Security Index (IUWSI) in Madaba, Jordan. <i>Water (Switzerland)</i> , 2020, 12, 1299.	2.7	26
29	Urban water security: A comparative assessment and policy analysis of five cities in diverse developing countries of Asia. <i>Environmental Development</i> , 2022, 43, 100713.	4.1	26
30	Recent climatic trends and linkages to river discharge in Central Vietnam. <i>Hydrological Processes</i> , 2014, 28, 1587-1601.	2.6	24
31	The Performance of Satellite-Based Actual Evapotranspiration Products and the Assessment of Irrigation Efficiency in Egypt. <i>Water (Switzerland)</i> , 2019, 11, 1913.	2.7	20
32	On the selection of precipitation products for the regionalisation of hydrological model parameters. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5805-5837.	4.9	17
33	Exploring management approaches for water and energy in the data-scarce Tekeze-Atbara Basin under hydrologic uncertainty. <i>International Journal of Water Resources Development</i> , 2021, 37, 182-207.	2.0	15
34	Assessing the interaction of land cover/land use dynamics, climate extremes and food systems in Uganda. <i>Science of the Total Environment</i> , 2021, 753, 142549.	8.0	14
35	Preliminary work of mangrove ecosystem carbon stock mapping in small island using remote sensing: above and below ground carbon stock mapping on medium resolution satellite image. <i>Proceedings of SPIE</i> , 2011, , .	0.8	12
36	Exploring socio-hydrological determinants of crop yield in under-performing irrigation schemes: pathways for sustainable intensification. <i>Hydrological Sciences Journal</i> , 2020, 65, 153-168.	2.6	11

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37	Modelling water resources for planning irrigation development in drought-prone southern Chile. International Journal of Water Resources Development, 2021, 37, 793-818.	2.0	11
38	An integrated approach for choosing suitable pumping strategies for a semi-arid region in Jordan using a groundwater model coupled with analytical hierarchy techniques. Hydrogeology Journal, 2019, 27, 1143-1157.	2.1	9
39	Hydrological Drought Risk Assessment in an Anthropogenically Impacted Tropical Catchment, Central Vietnam. Water Resources Development and Management, 2017, , 223-239.	0.4	8
40	Socioeconomic, agricultural, and individual factors influencing farmers' perceptions and willingness of compost production and use: an evidence from Wadi al-Far'a Watershed-Palestine. Environmental Monitoring and Assessment, 2019, 191, 209.	2.7	7
41	Evaluating tropical drought risk by combining open access gridded vulnerability and hazard data products. Science of the Total Environment, 2022, 822, 153493.	8.0	7
42	Integrated River Basin Management in the Vu Gia Thu Bon Basin. Water Resources Development and Management, 2017, , 153-170.	0.4	6
43	Setting Up Regional Climate Simulations for Southeast Asia. , 2013, , 391-406.		6
44	Cropping systems in the Vu Gia Thu Bon river basin, Central Vietnam: On farmers' stubborn persistence in predominantly cultivating rice. Njas - Wageningen Journal of Life Sciences, 2017, 80, 1-13.	7.7	5
45	Quantifying bias in hydromorphological monitoring: an evaluation of the German LAWA-OS method. Environmental Earth Sciences, 2016, 75, 1.	2.7	4
46	How well do gridded precipitation and actual evapotranspiration products represent the key water balance components in the Nile Basin?. Journal of Hydrology: Regional Studies, 2021, 37, 100884.	2.4	4
47	Integrated Participatory Methodologies for Disaster Risk Reduction: Tools to Analyze Complex Systems Through Participatory Processes in Brazil. Springer Series on Environmental Management, 2019, , 361-376.	0.3	4
48	The Role of Trust-building in Fostering Cooperation in the Eastern Nile Basin: A Case of Experimental Game Application. Journal of Natural Resources and Development, 0, , 73-83.	0.2	4
49	ANALYSIS OF WATER FOOTPRINTS OF RAINFED AND IRRIGATED CROPS IN SUDAN. Journal of Natural Resources and Development, 0, , .	0.2	3
50	A Procedure for Approximating a Complex Hydrodynamic Model by the Adaptive Time Delay Method. , 2016, , .		1
51	Design and Application of an Adaptive Time Delay Model for Flow Routing in Prismatic Trapezoidal Geometry River Reach. Water Resources Management, 2016, 30, 5687-5698.	3.9	1
52	Biophysical and Socio-economic Features of the LUCC "Project Region: The Vu Gia Thu Bon River Basin. Water Resources Development and Management, 2017, , 5-20.	0.4	1
53	A Tool to Assess Land Use Impacts on Surface Water Quality: Case Study from the Guapi-Macacu River Basin in Rio de Janeiro. Springer Series on Environmental Management, 2019, , 295-309.	0.3	1
54	The Nile River Basin. , 2021, , 79-93.		1

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55	Supporting the Development of Efficient and Effective River Basin Organizations in Africa: What Steps Can Be Taken to Improve Transboundary Water Cooperation Between the Riparian States of the Nile?. , 2014, , 597-636.		1
56	Lake Chad Restoration: Communities Attitude and Expectations. , 2012, , .		0
57	Evaluation Of Five Rainfall Estimate Products Over Different Climatic Zones In The Zayandehrud River Basin. , 2020, , .		0
58	The LimarÃ-River Basin. , 2021, , 152-163.		0
59	PERFORMANCE ASSESSMENT OF COMMERCIAL PRINCIPLES IN WATER SERVICES PROVISION. , 2017, , .		0
60	Water Security in Rio de Janeiro State. Springer Series on Environmental Management, 2019, , 223-236.	0.3	0
61	Water Resources and Water Security in the MENA Region. , 2020, , 29-45.		0