

Olkeba Leta

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

400
citations

840776

11
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the different sources of uncertainty in a SWAT model of the River Senne (Belgium). <i>Environmental Modelling and Software</i> , 2015, 68, 129-146.	4.5	69
2	Assessment of climate change impacts on water balance components of Heeia watershed in Hawaii. <i>Journal of Hydrology: Regional Studies</i> , 2016, 8, 182-197.	2.4	58
3	OpenMI-based integrated sediment transport modelling of the river Zenne, Belgium. <i>Environmental Modelling and Software</i> , 2013, 47, 193-206.	4.5	57
4	Effect of Single and Multisite Calibration Techniques on the Parameter Estimation, Performance, and Output of a SWAT Model of a Spatially Heterogeneous Catchment. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	1.9	39
5	Impact of Climate Change on Daily Streamflow and Its Extreme Values in Pacific Island Watersheds. <i>Sustainability</i> , 2018, 10, 2057.	3.2	16
6	Implications of Climate Change on Water Budgets and Reservoir Water Harvesting of Nuuanu Area Watersheds, Oahu, Hawaii. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	2.6	14
7	Assessment of SWAT Model Performance in Simulating Daily Streamflow under Rainfall Data Scarcity in Pacific Island Watersheds. <i>Water (Switzerland)</i> , 2018, 10, 1533.	2.7	14
8	Assessment of the Impact of Climate Change on Daily Extreme Peak and Low Flows of Zenne Basin in Belgium. <i>Hydrology</i> , 2018, 5, 38.	3.0	14
9	Performance Evaluation and Comparison of Satellite-Derived Rainfall Datasets over the Ziway Lake Basin, Ethiopia. <i>Climate</i> , 2021, 9, 113.	2.8	14
10	Sediment Yield Estimation and Effect of Management Options on Sediment Yield of Kesem Dam Watershed, Awash Basin, Ethiopia. <i>Scientific African</i> , 2020, 9, e00425.	1.5	13
11	Modelling <i>Escherichia coli</i> dynamics in the river Zenne (Belgium) using an OpenMI based integrated model. <i>Journal of Hydroinformatics</i> , 2014, 16, 354-374.	2.4	12
12	Development of RWQM1-based integrated water quality model in OpenMI with application to the River Zenne, Belgium. <i>Hydrological Sciences Journal</i> , 2017, 62, 774-799.	2.6	12
13	Impact of Climate Change on Land Suitability for the Optimization of the Irrigation System in the Anger River Basin, Ethiopia. <i>Climate</i> , 2020, 8, 97.	2.8	11
14	Assessment of Surface Irrigation Potential of the Dhidhessa River Basin, Ethiopia. <i>Hydrology</i> , 2020, 7, 68.	3.0	10
15	Spatiotemporal Trend Analysis of Temperature and Rainfall over Ziway Lake Basin, Ethiopia. <i>Hydrology</i> , 2022, 9, 2.	3.0	10
16	Implications of Adopting Drip Irrigation System on Crop Yield and Gender-Sensitive Issues: The Case of Haramaya District, Ethiopia. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , 2020, 6, 96.	5.2	9
17	Trace Metal Modelling of a Complex River Basin Using the Suite of Models Integrated in the OpenMI Platform. <i>Environments - MDPI</i> , 2018, 5, 48.	3.3	8
18	Integrated Water Quality Modelling of the River Zenne (Belgium) Using OpenMI. , 2014, , 259-274.		7

#	ARTICLE	IF	CITATIONS
19	Assessment of Wetland Restoration and Climate Change Impacts on Water Balance Components of the Heeia Coastal Wetland in Hawaii. Hydrology, 2019, 6, 37.	3.0	6
20	Quantifying Dissolved Silicate Fluxes across Heeia Shoreline in Hawaii via Integrated Hydrological Modeling Approach. Universal Journal of Geoscience, 2018, 6, 147-156.	0.7	3
21	Use of continuous simulation model (COSIMAT) as a complementary tool to model sewer systems: a case study on the Paruck collector, Brussels, Belgium. Water and Environment Journal, 2016, 30, 310-320.	2.2	2
22	Impact of Coastal Wetland Restoration Plan on the Water Balance Components of Heeia Watershed, Hawaii. Hydrology, 2020, 7, 86.	3.0	2
23	GROUNDWATER-STREAM WATER INTERACTION, SUBMARINE GROUNDWATER DISCHARGE, AND QUANTIFICATION OF ASSOCIATED NUTRIENT LOADING IN FAGAALLU WATERSHED, AMERICAN SAMOA. , 2017, , .		0
24	ASSESSING THE EFFECT OF RAINFALL DATA SCARCITY ON DAILY STREAMFLOW SIMULATION IN SPATIALLY HETEROGENEOUS WATERSHEDS. , 2017, , .		0
25	QUANTIFYING DISSOLVED SILICATE FLUXES ACROSS HEEIA SHORELINE IN HAWAII VIA INTEGRATED HYDROLOGICAL MODELING APPROACH. , 2017, , .		0