

Hendrik Rathjens

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

680
citations

759055

12
h-index

839398

18
g-index

20
all docs

20
docs citations

20
times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of Pesticide and Metabolite Concentrations Using SWAT+ Landscape Routing and Conditional Management Applications. <i>Water (Switzerland)</i> , 2022, 14, 1332.	1.2	6
2	Strong sensitivity of watershed-scale, ecohydrologic model predictions to soil moisture. <i>Environmental Modelling and Software</i> , 2021, 144, 105162.	1.9	4
3	SWATâ€LUT: A Desktop Graphical User Interface for Updating Land Use in SWAT. <i>Journal of the American Water Resources Association</i> , 2019, 55, 1102-1115.	1.0	30
4	Climate change impacts on ecologically relevant hydrological indicators in three catchments in three European ecoregions. <i>Ecological Engineering</i> , 2019, 127, 404-416.	1.6	39
5	Representing the Connectivity of Upland Areas to Floodplains and Streams in SWAT+. <i>Journal of the American Water Resources Association</i> , 2019, 55, 578-590.	1.0	36
6	SWATMODâ€Prep: Graphical User Interface for Preparing Coupled SWATâ€MODFLOW Simulations. <i>Journal of the American Water Resources Association</i> , 2017, 53, 400-410.	1.0	47
7	Featured Series Introduction: <scp>SWAT</scp> Applications for Emerging Hydrologic and Water Quality Challenges. <i>Journal of the American Water Resources Association</i> , 2017, 53, 67-68.	1.0	3
8	Introduction to <scp>SWAT</scp>+, A Completely Restructured Version of the Soil and Water Assessment Tool. <i>Journal of the American Water Resources Association</i> , 2017, 53, 115-130.	1.0	205
9	Implications of Conceptual Channel Representation on <scp>SWAT</scp> Streamflow and Sediment Modeling. <i>Journal of the American Water Resources Association</i> , 2017, 53, 725-747.	1.0	13
10	Featured Series Conclusion: <scp>SWAT</scp> Applications for Emerging Hydrologic and Water Quality Challenges. <i>Journal of the American Water Resources Association</i> , 2017, 53, 1390-1392.	1.0	1
11	Comparative Analysis of HRU and Grid-Based SWAT Models. <i>Water (Switzerland)</i> , 2017, 9, 272.	1.2	36
12	Delineating floodplain and upland areas for hydrologic models: a comparison of methods. <i>Hydrological Processes</i> , 2016, 30, 4367-4383.	1.1	17
13	Development and Comparison of Multiple Regression Models to Predict Bankfull Channel Dimensions for Use in Hydrologic Models. <i>Journal of the American Water Resources Association</i> , 2016, 52, 1385-1400.	1.0	8
14	Development and Evaluation of Bankfull Hydraulic Geometry Relationships for the Physiographic Regions of the United States. <i>Journal of the American Water Resources Association</i> , 2015, 51, 842-858.	1.0	68
15	Development of a gridâ€based version of the SWAT landscape model. <i>Hydrological Processes</i> , 2015, 29, 900-914.	1.1	68
16	Towards ecosystem accounting: a comprehensive approach to modelling multiple hydrological ecosystem services. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4377-4396.	1.9	39
17	IRSeLâ€An approach to enhance continuity and accuracy of remotely sensed land cover data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 31, 1-12.	1.4	9
18	SWATgrid: An interface for setting up SWAT in a grid-based discretization scheme. <i>Computers and Geosciences</i> , 2012, 45, 161-167.	2.0	28

#	ARTICLE	IF	CITATIONS
19	SWAT model calibration of a grid-based setup. <i>Advances in Geosciences</i> , 0, 32, 55-61.	12.0	18