Hendrik Rathjens

List of Publications by Year
in descending order

19	680	759233 12	839539 18
papers	citations	h-index	g-index

20	20	20	763
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Introduction to <scp>SWAT</scp>+, A Completely Restructured Version of the Soil and Water Assessment Tool. Journal of the American Water Resources Association, 2017, 53, 115-130.	2.4	205
2	Development and Evaluation of Bankfull Hydraulic Geometry Relationships for the Physiographic Regions of the United States. Journal of the American Water Resources Association, 2015, 51, 842-858.	2.4	68
3	Development of a gridâ€based version of the SWAT landscape model. Hydrological Processes, 2015, 29, 900-914.	2.6	68
4	SWATMODâ€Prep: Graphical User Interface for Preparing Coupled SWATâ€MODFLOW Simulations. Journal of the American Water Resources Association, 2017, 53, 400-410.	2.4	47
5	Towards ecosystem accounting: a comprehensive approach to modelling multiple hydrological ecosystem services. Hydrology and Earth System Sciences, 2015, 19, 4377-4396.	4.9	39
6	Climate change impacts on ecologically relevant hydrological indicators in three catchments in three European ecoregions. Ecological Engineering, 2019, 127, 404-416.	3.6	39
7	Comparative Analysis of HRU and Grid-Based SWAT Models. Water (Switzerland), 2017, 9, 272.	2.7	36
8	Representing the Connectivity of Upland Areas to Floodplains and Streams in SWAT+. Journal of the American Water Resources Association, 2019, 55, 578-590.	2.4	36
9	SWATâ€LUT: A Desktop Graphical User Interface for Updating Land Use in SWAT. Journal of the American Water Resources Association, 2019, 55, 1102-1115.	2.4	30
10	SWATgrid: An interface for setting up SWAT in a grid-based discretization scheme. Computers and Geosciences, 2012, 45, 161-167.	4.2	28
11	SWAT model calibration of a grid-based setup. Advances in Geosciences, 0, 32, 55-61.	12.0	18
12	Delineating floodplain and upland areas for hydrologic models: a comparison of methods. Hydrological Processes, 2016, 30, 4367-4383.	2.6	17
13	Implications of Conceptual Channel Representation on <scp>SWAT</scp> Streamflow and Sediment Modeling. Journal of the American Water Resources Association, 2017, 53, 725-747.	2.4	13
14	IRSeLâ€”An approach to enhance continuity and accuracy of remotely sensed land cover data. International Journal of Applied Earth Observation and Geoinformation, 2014, 31, 1-12.	2.8	9
15	Development and Comparison of Multiple Regression Models to Predict Bankfull Channel Dimensions for Use in Hydrologic Models. Journal of the American Water Resources Association, 2016, 52, 1385-1400.	2.4	8
16	Simulation of Pesticide and Metabolite Concentrations Using SWAT+ Landscape Routing and Conditional Management Applications. Water (Switzerland), 2022, 14, 1332.	2.7	6
17	Strong sensitivity of watershed-scale, ecohydrologic model predictions to soil moisture. Environmental Modelling and Software, 2021, 144, 105162.	4.5	4
18	Featured Series Introduction: <scp>SWAT</scp> Applications for Emerging Hydrologic and Water Quality Challenges. Journal of the American Water Resources Association, 2017, 53, 67-68.	2.4	3

#	Article	IF	Citations
19	Featured Series Conclusion: <scp>SWAT</scp> Applications for Emerging Hydrologic and Water Quality Challenges. Journal of the American Water Resources Association, 2017, 53, 1390-1392.	2.4	1