Michael White

List of Publications by Year
in descending order

23	806	623188 14	642321 23
papers	citations	h-index	g-index

24	24	24	886
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.	1.0	205
2	Impact of model development, calibration and validation decisions on hydrological simulations in West Lake Erie Basin. Hydrological Processes, 2015, 29, 5307-5320.	1.1	111
3	Regional Effects of Agricultural Conservation Practices on Nutrient Transport in the Upper Mississippi River Basin. Environmental Science & Technology, 2016, 50, 6991-7000.	4.6	65
4	Development of reservoir operation functions in SWAT+ for national environmental assessments. Journal of Hydrology, 2020, 583, 124556.	2.3	51
5	Western Lake Erie Basin: Soft-data-constrained, NHDPlus resolution watershed modeling and exploration of applicable conservation scenarios. Science of the Total Environment, 2016, 569-570, 1265-1281.	3.9	46
6	Use of Decision Tables to Simulate Management in SWAT+. Water (Switzerland), 2018, 10, 713.	1.2	46
7	Application of Large-Scale, Multi-Resolution Watershed Modeling Framework Using the Hydrologic and Water Quality System (HAWQS). Water (Switzerland), 2016, 8, 164.	1.2	40
8	Thinking outside of the lake: Can controls on nutrient inputs into Lake Erie benefit stream conservation in its watershed?. Journal of Great Lakes Research, 2016, 42, 1322-1331.	0.8	34
9	Development of Sediment and Nutrient Export Coefficients for U.S. Ecoregions. Journal of the American Water Resources Association, 2015, 51, 758-775.	1.0	33
10	IPEAT+: A Built-In Optimization and Automatic Calibration Tool of SWAT+. Water (Switzerland), 2019, 11, 1681.	1.2	29
11	Assessment of Optional Sediment Transport Functions via the Complex Watershed Simulation Model SWAT. Water (Switzerland), 2017, 9, 76.	1.2	20
12	Regional Blue and Green Water Balances and Use by Selected Crops in the<scp> U.S.</scp>. Journal of the American Water Resources Association, 2015, 51, 1626-1642.	1.0	16
13	Development of a Cropland Management Dataset to Support U.S. Swat Assessments. Journal of the American Water Resources Association, 2016, 52, 269-274.	1.0	15
14	Development of a Station Based Climate Database for SWAT and APEX Assessments in the US. Water (Switzerland), 2017, 9, 437.	1.2	15
15	Some Challenges in Hydrologic Model Calibration for Large-Scale Studies: A Case Study of SWAT Model Application to Mississippi-Atchafalaya River Basin. Hydrology, 2019, 6, 17.	1.3	15
16	Forecasting the combined effects of anticipated climate change and agricultural conservation practices on fish recruitment dynamics in Lake Erie. Freshwater Biology, 2020, 65, 1487-1508.	1.2	15
17	Projecting the effects of agricultural conservation practices on stream fish communities in a changing climate. Science of the Total Environment, 2020, 747, 141112.	3.9	14
18	Conceptual Framework of Connectivity for a National Agroecosystem Model Based on Transport Processes and Management Practices. Journal of the American Water Resources Association, 2021, 57, 154-169.	1.0	10

#	Article	IF	Citations
19	Modeling Water-Quality Loads to the Reservoirs of the Upper Trinity River Basin, Texas, USA. Water (Switzerland), 2015, 7, 5689-5704.	1.2	7
20	Development of a Hydrologic Connectivity Dataset for SWAT Assessments in the US. Water (Switzerland), 2017, 9, 892.	1.2	5
21	Development and accuracy assessment of a 12-digit hydrologic unit code based real-time climate database for hydrologic models in the US. Journal of Hydrology, 2020, 586, 124817.	2.3	4
22	A Large Scale GIS Geodatabase of Soil Parameters Supporting the Modeling of Conservation Practice Alternatives in the United States. Journal of Geographic Information System, 2017, 09, 267-278.	0.3	4
23	Distribution of Selected Soil and Water Conservation Practices in the <scp>U.S.</scp> as Identified with Google Earth. Journal of the American Water Resources Association, 2017, 53, 1229-1240.	1.0	2