

Haw Yen

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,915
citations

304602

22
h-index

289141

40
g-index

86
all docs

86
docs citations

86
times ranked

2046
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated assessment of nitrogen runoff to the Gulf of Mexico. <i>Resources and Energy Economics</i> , 2022, 67, 101279.	1.1	7
2	Erosion and covered zones altered by surface coverage effects on soil nitrogen and carbon loss from an agricultural slope under laboratory-simulated rainfall events. <i>International Soil and Water Conservation Research</i> , 2022, 10, 382-392.	3.0	6
3	Nitrogen Transport/Deposition from Paddy Ecosystem and Potential Pollution Risk Period in Southwest China. <i>Water (Switzerland)</i> , 2022, 14, 539.	1.2	3
4	Effects of particulate fractions on critical slope and critical rainfall intensity for runoff phosphorus from bare loessial soil. <i>Catena</i> , 2021, 196, 104935.	2.2	19
5	Deposition- and transport-dominated erosion regime effects on the loss of dissolved and sediment-bound organic carbon: Evaluation in a cultivated soil with laboratory rainfall simulations. <i>Science of the Total Environment</i> , 2021, 750, 141717.	3.9	12
6	Assessment of extrinsic and intrinsic influences on water quality variation in subtropical agricultural multipond systems. <i>Environmental Pollution</i> , 2021, 276, 116689.	3.7	8
7	Uncertainty analysis for integrated water system simulations using GLUE with different acceptability thresholds. <i>Science China Technological Sciences</i> , 2021, 64, 1791-1804.	2.0	4
8	Organophosphate esters in surface soils from a heavily urbanized region of Eastern China: Occurrence, distribution, and ecological risk assessment. <i>Environmental Pollution</i> , 2021, 291, 118200.	3.7	15
9	Soft Data in Hydrologic Modeling: Prediction of Ecologically Relevant Flows with Alternate Land Use/Land Cover Data. <i>Water (Switzerland)</i> , 2021, 13, 2947.	1.2	2
10	Evaluation of seasonal patterns of hydraulic redistribution in a humid subtropical area, East China. <i>Hydrological Processes</i> , 2020, 34, 1052-1062.	1.1	5
11	Development of reservoir operation functions in SWAT+ for national environmental assessments. <i>Journal of Hydrology</i> , 2020, 583, 124556.	2.3	51
12	Projecting the effects of agricultural conservation practices on stream fish communities in a changing climate. <i>Science of the Total Environment</i> , 2020, 747, 141112.	3.9	14
13	The overlooked role of diffuse household livestock production in nitrogen pollution at the watershed scale. <i>Journal of Cleaner Production</i> , 2020, 272, 122758.	4.6	16
14	Exploring the multiscale hydrologic regulation of multipond systems in a humid agricultural catchment. <i>Water Research</i> , 2020, 184, 115987.	5.3	18
15	Forecasting the combined effects of anticipated climate change and agricultural conservation practices on fish recruitment dynamics in Lake Erie. <i>Freshwater Biology</i> , 2020, 65, 1487-1508.	1.2	15
16	Potential impacts of land use/cover and climate changes on ecologically relevant flows. <i>Journal of Hydrology</i> , 2020, 584, 124654.	2.3	52
17	Use of multiple modules and Bayesian Model Averaging to assess structural uncertainty of catchment-scale wetland modeling in a Coastal Plain landscape. <i>Journal of Hydrology</i> , 2020, 582, 124544.	2.3	16
18	Impact of human activities on phosphorus flows on an early eutrophic plateau: A case study in Southwest China. <i>Science of the Total Environment</i> , 2020, 714, 136851.	3.9	19

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19	CN-China: Revised runoff curve number by using rainfall-runoff events data in China. <i>Water Research</i> , 2020, 177, 115767.	5.3	57
20	Is the correlation between hydro-environmental variables consistent with their own time variability degrees in a large-scale loessial watershed?. <i>Science of the Total Environment</i> , 2020, 722, 137737.	3.9	11
21	Linking watershed modeling and bacterial source tracking to better assess E. coli sources. <i>Science of the Total Environment</i> , 2019, 648, 164-175.	3.9	17
22	Distribution of agricultural land regulates stream water isotopes over multiple spatial scale in a subtropical forested watershed. <i>Journal of Hydrology</i> , 2019, 579, 124206.	2.3	8
23	Effects of sampling strategies and estimation algorithms on total nitrogen load determination in a small agricultural headwater watershed. <i>Journal of Hydrology</i> , 2019, 579, 124114.	2.3	16
24	Dissolved organic carbon driven by rainfall events from a semi-arid catchment during concentrated rainfall season in the Loess Plateau, China. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3141-3153.	1.9	10
25	IPEAT+: A Built-In Optimization and Automatic Calibration Tool of SWAT+. <i>Water (Switzerland)</i> , 2019, 11, 1681.	1.2	29
26	Investigation of watershed nutrient export affected by extreme events and the corresponding sampling frequency. <i>Journal of Environmental Management</i> , 2019, 250, 109477.	3.8	8
27	An innovative approach to identifying agricultural pollution sources and loads by using nutrient export coefficients in watershed modeling. <i>Journal of Hydrology</i> , 2019, 571, 322-331.	2.3	44
28	A review of pesticide fate and transport simulation at watershed level using SWAT: Current status and research concerns. <i>Science of the Total Environment</i> , 2019, 669, 512-526.	3.9	105
29	Modeling Pesticide Fate and Transport at Watershed Scale Using the Soil & Water Assessment Tool: General Applications and Mitigation Strategies. <i>ACS Symposium Series</i> , 2019, , 391-419.	0.5	1
30	Design and development of a web-based interface for the Agricultural Policy Environmental eXtender (APEX) model. <i>Environmental Modelling and Software</i> , 2019, 111, 368-374.	1.9	9
31	Characterization of landslide distribution and sediment yield in the TsengWen River Watershed, Taiwan. <i>Catena</i> , 2019, 174, 184-198.	2.2	3
32	Evaluation of concentration-discharge dynamics and nitrogen export on anthropogenic inputs and stormflow across alternative time-scales. <i>Ecological Indicators</i> , 2019, 98, 879-887.	2.6	17
33	Uncertainty of hydrologic processes caused by bias-corrected CMIP5 climate change projections with alternative historical data sources. <i>Journal of Hydrology</i> , 2019, 568, 551-561.	2.3	28
34	Evaluating hydrologic responses to soil characteristics using SWAT model in a paired-watersheds in the Upper Blue Nile Basin. <i>Catena</i> , 2018, 163, 332-341.	2.2	53
35	Sefficiency of a Water Use System: The Case of Kano River Irrigation Project, Nigeria. <i>International Journal of Civil Engineering</i> , 2018, 16, 929-939.	0.9	8
36	An Introduction to the Hyperspace of Hargreaves-Samani Reference Evapotranspiration. <i>Sustainability</i> , 2018, 10, 4277.	1.6	2

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37	Characteristics of wet dissolved carbon deposition in a semi-arid catchment at the Loess Plateau, China. <i>Biogeosciences</i> , 2018, 15, 3345-3356.	1.3	2
38	Tiered Approaches in Analyzing Rice Field Pesticide Fate and Transport for Ecological Risk Assessment. <i>ACS Symposium Series</i> , 2018, , 347-377.	0.5	2
39	Input uncertainty on watershed modeling: Evaluation of precipitation and air temperature data by latent variables using SWAT. <i>Ecological Engineering</i> , 2018, 122, 16-26.	1.6	18
40	Evaluation of CFSR, TMPA 3B42 and ground-based rainfall data as input for hydrological models, in data-scarce regions: The upper Blue Nile Basin, Ethiopia. <i>Catena</i> , 2017, 152, 242-251.	2.2	60
41	Impacts of alternative climate information on hydrologic processes with SWAT: A comparison of NCDC, PRISM and NEXRAD datasets. <i>Catena</i> , 2017, 156, 353-364.	2.2	36
42	Multiple models guide strategies for agricultural nutrient reductions. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 126-132.	1.9	118
43	Distribution of Selected Soil and Water Conservation Practices in the <scp>U.S.</scp> as Identified with Google Earth. <i>Journal of the American Water Resources Association</i> , 2017, 53, 1229-1240.	1.0	2
44	Impacts of incorporating dominant crop rotation patterns as primary land use change on hydrologic model performance. <i>Agriculture, Ecosystems and Environment</i> , 2017, 247, 33-42.	2.5	20
45	Modeling nutrient removal using watershed-scale implementation of the two-stage ditch. <i>Ecological Engineering</i> , 2017, 108, 358-369.	1.6	34
46	Using multiple watershed models to assess the water quality impacts of alternate land development scenarios for a small community. <i>Catena</i> , 2017, 150, 87-99.	2.2	18
47	Assessment of Optional Sediment Transport Functions via the Complex Watershed Simulation Model SWAT. <i>Water (Switzerland)</i> , 2017, 9, 76.	1.2	20
48	Effect of Water Quality Sampling Approaches on Nitrate Load Predictions of a Prominent Regression-Based Model. <i>Water (Switzerland)</i> , 2017, 9, 895.	1.2	6
49	Application of Large-Scale, Multi-Resolution Watershed Modeling Framework Using the Hydrologic and Water Quality System (HAWQS). <i>Water (Switzerland)</i> , 2016, 8, 164.	1.2	40
50	Augmenting Watershed Model Calibration with Incorporation of Ancillary Data Sources and Qualitative Soft Data Sources. <i>Journal of the American Water Resources Association</i> , 2016, 52, 788-798.	1.0	12
51	Evaluation of Dynamically Dimensioned Search Algorithm for Optimizing <scp>SWAT</scp> by Altering Sampling Distributions and Searching Range. <i>Journal of the American Water Resources Association</i> , 2016, 52, 443-455.	1.0	12
52	Applications of Explicitly Incorporated/Postâ€Processing Measurement Uncertainty in Watershed Modeling. <i>Journal of the American Water Resources Association</i> , 2016, 52, 523-540.	1.0	9
53	Thinking outside of the lake: Can controls on nutrient inputs into Lake Erie benefit stream conservation in its watershed?. <i>Journal of Great Lakes Research</i> , 2016, 42, 1322-1331.	0.8	34
54	Western Lake Erie Basin: Soft-data-constrained, NHDPlus resolution watershed modeling and exploration of applicable conservation scenarios. <i>Science of the Total Environment</i> , 2016, 569-570, 1265-1281.	3.9	46

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55	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
56	Improving model prediction reliability through enhanced representation of wetland soil processes and constrained model auto calibration – A paired watershed study. Journal of Hydrology, 2016, 541, 1088-1103.	2.3	18
57	A synthesis and comparative evaluation of factors influencing the effectiveness of drainage water management. Agricultural Water Management, 2016, 178, 366-376.	2.4	42
58	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
59	Regional Blue and Green Water Balances and Use by Selected Crops in the U.S. Journal of the American Water Resources Association, 2015, 51, 1626-1642.	1.0	16
60	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
61	Computational Procedure for Evaluating Sampling Techniques on Watershed Model Calibration. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	0.8	16
62	Assessment of Model Configuration Effect by Alternative Evapotranspiration, Runoff, and Water Routing Functions on Watershed Modeling Using SWAT. Transactions of the ASABE, 2015, , 393-404.	1.1	1
63	Hydrological Processes and Model Representation: Impact of Soft Data on Calibration. Transactions of the ASABE, 2015, 58, 1637-1660.	1.1	130
64	Assessment of Input Uncertainty in SWAT Using Latent Variables. Water Resources Management, 2015, 29, 1137-1153.	1.9	28
65	Accounting for Conceptual Soil Erosion and Sediment Yield Modeling Uncertainty in the APEX Model Using Bayesian Model Averaging. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	0.8	10
66	The impact of considering uncertainty in measured calibration/validation data during auto-calibration of hydrologic and water quality models. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1891-1901.	1.9	14
67	Assessment of model predictions and parameter transferability by alternative land use data on watershed modeling. Journal of Hydrology, 2015, 527, 458-470.	2.3	18
68	Multisite Assessment of Hydrologic Processes in Snow-Dominated Mountainous River Basins in Colorado Using a Watershed Model. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	0.8	10
69	Semi-two dimensional numerical prediction of non-equilibrium sediment transport in reservoir using stream tubes and theory of minimum stream power. KSCE Journal of Civil Engineering, 2015, 19, 1922-1929.	0.9	9
70	Assessment of input uncertainty by seasonally categorized latent variables using SWAT. Journal of Hydrology, 2015, 531, 685-695.	2.3	11
71	The Role of Interior Watershed Processes in Improving Parameter Estimation and Performance of Watershed Models. Journal of Environmental Quality, 2014, 43, 1601-1613.	1.0	54
72	An Auto-Calibration Tool for the Agricultural Policy Environmental eXtender (APEX) Model. Transactions of the ASABE, 2014, , 1087-1098.	1.1	6

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73	Transferability of SWAT Models between SWAT2009 and SWAT2012. Journal of Environmental Quality, 2014, 43, 869-880.	1.0	22
74	Numerical simulation on a tremendous debris flow caused by Typhoon Morakot in the Jiaopu Stream, Taiwan. Journal of Mountain Science, 2014, 11, 1-18.	0.8	7
75	A framework for propagation of uncertainty contributed by parameterization, input data, model structure, and calibration/validation data in watershed modeling. Environmental Modelling and Software, 2014, 54, 211-221.	1.9	124
76	C-SWAT: The Soil and Water Assessment Tool with consolidated input files in alleviating computational burden of recursive simulations. Computers and Geosciences, 2014, 72, 221-232.	2.0	20