

M Todd Walter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6957738/publications.pdf>

Version: 2024-02-01

140
papers

5,356
citations

93792

39
h-index

120465

65
g-index

142
all docs

142
docs citations

142
times ranked

6414
citing authors

#	ARTICLE	IF	CITATIONS
1	Using the Climate Forecast System Reanalysis as weather input data for watershed models. <i>Hydrological Processes</i> , 2014, 28, 5613-5623.	1.1	302
2	Re-conceptualizing the soil and water assessment tool (SWAT) model to predict runoff from variable source areas. <i>Journal of Hydrology</i> , 2008, 348, 279-291.	2.3	239
3	A soil-water-balance approach to quantify groundwater recharge from irrigated cropland in the North China Plain. <i>Hydrological Processes</i> , 2003, 17, 2011-2031.	1.1	208
4	A GIS-based variable source area hydrology model. <i>Hydrological Processes</i> , 1999, 13, 805-822.	1.1	179
5	Incorporating variable source area hydrology into a curveâ€œnumberâ€œbased watershed model. <i>Hydrological Processes</i> , 2007, 21, 3420-3430.	1.1	148
6	Process-based snowmelt modeling: does it require more input data than temperature-index modeling?. <i>Journal of Hydrology</i> , 2005, 300, 65-75.	2.3	141
7	Using a topographic index to distribute variable source area runoff predicted with the SCS curve-number equation. <i>Hydrological Processes</i> , 2004, 18, 2757-2771.	1.1	138
8	The effect of dams on river transport of microplastic pollution. <i>Science of the Total Environment</i> , 2019, 664, 834-840.	3.9	137
9	Increasing Evapotranspiration from the Conterminous United States. <i>Journal of Hydrometeorology</i> , 2004, 5, 405-408.	0.7	132
10	PHOSPHORUS TRANSPORT INTO SUBSURFACE DRAINS BY MACROPORES AFTER MANURE APPLICATIONS: IMPLICATIONS FOR BEST MANURE MANAGEMENT PRACTICES. <i>Soil Science</i> , 2001, 166, 896-909.	0.9	118
11	Identifying hydrologically sensitive areas: Bridging the gap between science and application. <i>Journal of Environmental Management</i> , 2006, 78, 63-76.	3.8	115
12	Effects of urbanization on direct runoff characteristics in urban functional zones. <i>Science of the Total Environment</i> , 2018, 643, 301-311.	3.9	111
13	Rainfall induced chemical transport from soil to runoff: theory and experiments. <i>Journal of Hydrology</i> , 2004, 295, 291-304.	2.3	108
14	Estimating basin-wide hydraulic parameters of a semi-arid mountainous watershed by recession-flow analysis. <i>Journal of Hydrology</i> , 2003, 279, 57-69.	2.3	99
15	Linking the pacific decadal oscillation to seasonal stream discharge patterns in Southeast Alaska. <i>Journal of Hydrology</i> , 2002, 263, 188-197.	2.3	98
16	Atrazine leaching from biochar-amended soils. <i>Chemosphere</i> , 2014, 95, 346-352.	4.2	87
17	Investigating raindrop effects on transport of sediment and non-sorbed chemicals from soil to surface runoff. <i>Journal of Hydrology</i> , 2005, 308, 313-320.	2.3	85
18	Refined conceptualization of TOPMODEL for shallow subsurface flows. <i>Hydrological Processes</i> , 2002, 16, 2041-2046.	1.1	78

#	ARTICLE	IF	CITATIONS
19	N ₂ O emissions from grain cropping systems: a meta-analysis of the impacts of fertilizer-based and ecologically-based nutrient management strategies. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 107, 335-355.	1.1	75
20	Unusual seasonal patterns and inferred processes of nitrogen retention in forested headwaters of the Upper Susquehanna River. <i>Biogeochemistry</i> , 2009, 93, 197-218.	1.7	70
21	Simple Estimation of Prevalence of Hortonian Flow in New York City Watersheds. <i>Journal of Hydrologic Engineering - ASCE</i> , 2003, 8, 214-218.	0.8	63
22	Dissecting the variable source area concept – Subsurface flow pathways and water mixing processes in a hillslope. <i>Journal of Hydrology</i> , 2012, 420-421, 125-141.	2.3	60
23	Reducing adverse impacts of Amazon hydropower expansion. <i>Science</i> , 2022, 375, 753-760.	6.0	60
24	Hydrologic assessment of an urban variable source watershed in the northeast United States. <i>Water Resources Research</i> , 2007, 43, .	1.7	57
25	A phosphorus index that combines critical source areas and transport pathways using a travel time approach. <i>Journal of Hydrology</i> , 2013, 486, 123-135.	2.3	57
26	Plant-Microbe Interactions Drive Denitrification Rates, Dissolved Nitrogen Removal, and the Abundance of Denitrification Genes in Stormwater Control Measures. <i>Environmental Science & Technology</i> , 2018, 52, 9320-9329.	4.6	57
27	Modeling soil solute release into runoff with infiltration. <i>Journal of Hydrology</i> , 2007, 347, 430-437.	2.3	55
28	Hydrological impact of roadside ditches in an agricultural watershed in Central New York: implications for non-point source pollutant transport. <i>Hydrological Processes</i> , 2013, 27, 2422-2437.	1.1	54
29	The Role of Denitrification in Stormwater Detention Basin Treatment of Nitrogen. <i>Environmental Science & Technology</i> , 2017, 51, 7928-7935.	4.6	52
30	Application of SMR to Modeling Watersheds in the Catskill Mountains. <i>Environmental Modeling and Assessment</i> , 2004, 9, 77-89.	1.2	51
31	Combined Monitoring and Modeling Indicate the Most Effective Agricultural Best Management Practices. <i>Journal of Environmental Quality</i> , 2008, 37, 1798-1809.	1.0	51
32	Metagenomic analysis reveals distinct patterns of denitrification gene abundance across soil moisture, nitrate gradients. <i>Environmental Microbiology</i> , 2019, 21, 1255-1266.	1.8	49
33	Stream Discharge in Tropical Headwater Catchments as a Result of Forest Clearing and Soil Degradation. <i>Earth Interactions</i> , 2012, 16, 1-18.	0.7	48
34	Assessing the Impact of Urbanization on Direct Runoff Using Improved Composite CN Method in a Large Urban Area. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 775.	1.2	48
35	Defining probability of saturation with indicator kriging on hard and soft data. <i>Advances in Water Resources</i> , 2006, 29, 181-193.	1.7	47
36	A physical model of particulate wash-off from rough impervious surfaces. <i>Journal of Hydrology</i> , 2006, 327, 618-626.	2.3	45

#	ARTICLE	IF	CITATIONS
37	Hydrological Tracers Using Nanobiotechnology: Proof of Concept. Environmental Science & Technology, 2012, 46, 8928-8936.	4.6	44
38	THE IMPACT OF RUNOFF GENERATION MECHANISMS ON THE LOCATION OF CRITICAL SOURCE AREAS. Journal of the American Water Resources Association, 2006, 42, 793-804.	1.0	43
39	Shallow Groundwater Denitrification in Riparian Zones of a Headwater Agricultural Landscape. Journal of Environmental Quality, 2014, 43, 732-744.	1.0	42
40	Ecohydrologic considerations for modeling of stable water isotopes in a small intermittent watershed. Hydrological Processes, 2017, 31, 2438-2452.	1.1	42
41	Reduced raindrop-impact driven soil erosion by infiltration. Journal of Hydrology, 2007, 342, 331-335.	2.3	40
42	Investigating a high resolution, stream chloride time series from the Biscuit Brook catchment, Catskills, NY. Journal of Hydrology, 2008, 348, 245-256.	2.3	38
43	Using concurrent DNA tracer injections to infer glacial flow pathways. Hydrological Processes, 2015, 29, 5257-5274.	1.1	38
44	Assessing the impact of drought and forestry on streamflows in south-eastern Australia using a physically based hydrological model. Environmental Earth Sciences, 2015, 74, 6047-6063.	1.3	38
45	A Vulnerability-Based, Bottom-Up Assessment of Future Riverine Flood Risk Using a Modified Peaks-Over-Threshold Approach and a Physically Based Hydrologic Model. Water Resources Research, 2017, 53, 10043-10064.	1.7	34
46	Evaluating weather observations and the Climate Forecast System Reanalysis as inputs for hydrologic modelling in the tropics. Hydrological Processes, 2016, 30, 3466-3477.	1.1	33
47	Comment on "Beyond the SCS method: A theoretical framework for spatially lumped rainfall-runoff response" by M. S. Bartlett et al.. Water Resources Research, 2017, 53, 6345-6350.	1.7	33
48	Funneled flow mechanisms in layered soil: field investigations. Journal of Hydrology, 2003, 279, 210-223.	2.3	32
49	Improving runoff risk estimates: Formulating runoff as a bivariate process using the SCS curve number method. Water Resources Research, 2009, 45, .	1.7	32
50	Modeling the hydrologic effects of roadside ditch networks on receiving waters. Journal of Hydrology, 2013, 486, 293-305.	2.3	32
51	Seasonal and Topographic Variations in Ecohydrological Separation Within a Small, Temperate, Snow-Influenced Catchment. Water Resources Research, 2019, 55, 6417-6435.	1.7	32
52	Nutrient Cycling in Grassed Roadside Ditches and Lawns in a Suburban Watershed. Journal of Environmental Quality, 2016, 45, 1901-1909.	1.0	31
53	Pore-Scale Quantification of Colloid Transport in Saturated Porous Media. Environmental Science & Technology, 2008, 42, 517-523.	4.6	30
54	Controls Influencing the Treatment of Excess Agricultural Nitrate with Denitrifying Bioreactors. Journal of Environmental Quality, 2016, 45, 772-778.	1.0	30

#	ARTICLE	IF	CITATIONS
55	Roadside ditches as conduits of fecal indicator organisms and sediment: Implications for water quality management. <i>Journal of Environmental Management</i> , 2013, 128, 1050-1059.	3.8	29
56	Influence of transient flooding on methane fluxes from subtropical pastures. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 965-977.	1.3	29
57	A case study investigating temporal factors that influence microplastic concentration in streams under different treatment regimes. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21797-21807.	2.7	29
58	Impacts of disturbance on soil properties in a dry tropical forest in Southern India. <i>Ecohydrology</i> , 2008, 1, 161-175.	1.1	27
59	Terrestrial pyrogenic carbon export to fluvial ecosystems: Lessons learned from the White Nile watershed of East Africa. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1911-1928.	1.9	27
60	Roadside soils show low plant available zinc and copper concentrations. <i>Environmental Pollution</i> , 2016, 209, 30-37.	3.7	27
61	New Paradigm for Sizing Riparian Buffers to Reduce Risks of Polluted Storm Water: Practical Synthesis. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2009, 135, 200-209.	0.6	26
62	Identifying dissolved phosphorus source areas and predicting transport from an urban watershed using distributed hydrologic modeling. <i>Water Resources Research</i> , 2007, 43, .	1.7	25
63	Modeling climate change impacts on the thermal dynamics of polymictic Oneida Lake, New York, United States. <i>Ecological Modelling</i> , 2015, 300, 1-11.	1.2	24
64	Hydrologic and Biogeochemical Drivers of Riparian Denitrification in an Agricultural Watershed. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	24
65	Assessing denitrification from seasonally saturated soils in an agricultural landscape: A farm-scale mass-balance approach. <i>Agriculture, Ecosystems and Environment</i> , 2014, 189, 60-69.	2.5	23
66	Possible Increases in Flood Frequency Due to the Loss of Eastern Hemlock in the Northeastern United States: Observational Insights and Predicted Impacts. <i>Water Resources Research</i> , 2019, 55, 5342-5359.	1.7	23
67	Enhancement of seepage and lateral preferential flow by biopores on hillslopes. <i>Biologia (Poland)</i> , 2006, 61, S225-S228.	0.8	22
68	A simple concept for calibrating runoff thresholds in quasi-distributed variable source area watershed models. <i>Hydrological Processes</i> , 2011, 25, 3131-3143.	1.1	22
69	Stream water nutrient and organic carbon exports from tropical headwater catchments at a soil degradation gradient. <i>Nutrient Cycling in Agroecosystems</i> , 2013, 95, 145-158.	1.1	22
70	Simple Model of Changes in Stream Chloride Levels Attributable to Road Salt Applications. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 112-118.	0.7	21
71	A Simple Process-Based Snowmelt Routine to Model Spatially Distributed Snow Depth and Snowmelt in the SWAT Model. <i>Journal of the American Water Resources Association</i> , 2012, 48, 1151-1161.	1.0	21
72	Apportionment of bioavailable phosphorus loads entering Cayuga Lake, New York. <i>Journal of the American Water Resources Association</i> , 2016, 52, 31-47.	1.0	21

#	ARTICLE	IF	CITATIONS
73	Critical Review of Polyphosphate and Polyphosphate Accumulating Organisms for Agricultural Water Quality Management. <i>Environmental Science & Technology</i> , 2021, 55, 2722-2742.	4.6	21
74	Ecosystem impacts of disturbance in a dry tropical forest in southern India. <i>Ecohydrology</i> , 2008, 1, 149-160.	1.1	20
75	Do Energy-Based ^{PET} Models Require More Input Data than Temperature-Based Models? An Evaluation at Four Humid FluxNet Sites. <i>Journal of the American Water Resources Association</i> , 2014, 50, 497-508.	1.0	20
76	Critical rainfall statistics for predicting watershed flood responses: rethinking the design storm concept. <i>Hydrological Processes</i> , 2016, 30, 3788-3803.	1.1	20
77	Short-term Forecasting Tools for Agricultural Nutrient Management. <i>Journal of Environmental Quality</i> , 2017, 46, 1257-1269.	1.0	20
78	Hydrology of the Brooklyn Grange, an urban rooftop farm. <i>Urban Ecosystems</i> , 2018, 21, 673-689.	1.1	20
79	Methane and nitrous oxide cycling microbial communities in soils above septic leach fields: Abundances with depth and correlations with net surface emissions. <i>Science of the Total Environment</i> , 2018, 640-641, 429-441.	3.9	20
80	Hudson River juvenile Blueback herring avoid ingesting microplastics. <i>Marine Pollution Bulletin</i> , 2019, 146, 935-939.	2.3	20
81	Compost Quality Recommendations for Remediating Urban Soils. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3191.	1.2	20
82	Environmental flows in the context of unconventional natural gas development in the ^M^Shale. <i>Ecological Applications</i> , 2017, 27, 37-55.	1.8	19
83	Denitrifying bioreactor response during storm events. <i>Agricultural Water Management</i> , 2019, 213, 1109-1115.	2.4	19
84	Incorporating Variable Source Area Hydrology into a Spatially Distributed Direct Runoff Model¹. <i>Journal of the American Water Resources Association</i> , 2012, 48, 43-60.	1.0	18
85	Fabrication, detection, and analysis of DNA-labeled PLGA particles for environmental transport studies. <i>Journal of Colloid and Interface Science</i> , 2018, 526, 207-219.	5.0	18
86	Field Test of the Variable Source Area Interpretation of the Curve Number Rainfall-Runoff Equation. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2012, 138, 235-244.	0.6	17
87	^{SWAT}model: A Multi-Operating System, Multi-Platform ^{SWAT} Model Package in R. <i>Journal of the American Water Resources Association</i> , 2014, 50, 1349-1353.	1.0	17
88	Potential Predictability of Regional Precipitation and Discharge Extremes Using Synoptic-Scale Climate Information via Machine Learning: An Evaluation for the Eastern Continental United States. <i>Journal of Hydrometeorology</i> , 2019, 20, 883-900.	0.7	17
89	Particle tracer transport in a sloping soil lysimeter under periodic, steady state conditions. <i>Journal of Hydrology</i> , 2019, 569, 61-76.	2.3	17
90	Reassessing the relationship between landscape alteration and aquatic ecosystem degradation from a hydrologically sensitive area perspective. <i>Science of the Total Environment</i> , 2019, 650, 2850-2862.	3.9	17

#	ARTICLE	IF	CITATIONS
91	Estimating dominant runoff modes across the conterminous United States. <i>Hydrological Processes</i> , 2018, 32, 3881-3890.	1.1	16
92	Explaining and modeling the concentration and loading of <i>Escherichia coli</i> in a stream—A case study. <i>Science of the Total Environment</i> , 2018, 635, 1426-1435.	3.9	15
93	Including Source-Specific Phosphorus Mobility in a Nonpoint Source Pollution Model for Agricultural Watersheds. <i>Journal of Environmental Engineering, ASCE</i> , 2009, 135, 25-35.	0.7	14
94	Improving risk estimates of runoff producing areas: Formulating variable source areas as a bivariate process. <i>Journal of Environmental Management</i> , 2014, 137, 146-156.	3.8	14
95	Hydrologic State Influence on Riverine Flood Discharge for a Small Temperate Watershed (Fall Creek,) Tj ETQq1 1 0.784314 rgBT /Overle 2017, 18, 431-449.	0.7	14
96	Streamlined eco-engineering approach helps define environmental flows for tropical Andean headwaters. <i>Freshwater Biology</i> , 2019, 64, 1315-1325.	1.2	14
97	Title is missing!. <i>Biogeochemistry</i> , 2001, 55, 293-310.	1.7	13
98	Transport of lead and diesel fuel through a peat soil near Juneau, AK: a pilot study. <i>Journal of Contaminant Hydrology</i> , 2004, 74, 1-18.	1.6	13
99	Modeling Potential Water Resource Impacts of Mediterranean Tourism in a Changing Climate. <i>Environmental Modeling and Assessment</i> , 2015, 20, 117-128.	1.2	13
100	Perennial Grass Bioenergy Cropping on Wet Marginal Land: Impacts on Soil Properties, Soil Organic Carbon, and Biomass During Initial Establishment. <i>Bioenergy Research</i> , 2018, 11, 262-276.	2.2	13
101	Characteristics of impervious surface and its effect on direct runoff: a case study in a rapidly urbanized area. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 1885-1891.	1.0	13
102	The heavy metal budget of an urban rooftop farm. <i>Science of the Total Environment</i> , 2019, 660, 115-125.	3.9	13
103	Closure to "Simple Estimation of Prevalence of Hortonian Flow in New York City Watersheds" by M. Todd Walter, Vishal K. Mehta, Alexis M. Marrone, Jan Boll, Pierre G�rard-Marchant, Tammo S. Steenhuis, and Michael F. Walter. <i>Journal of Hydrologic Engineering - ASCE</i> , 2005, 10, 169-170.	0.8	12
104	Methane Emission in a Specific Riparian-Zone Sediment Decreased with Bioelectrochemical Manipulation and Corresponded to the Microbial Community Dynamics. <i>Frontiers in Microbiology</i> , 2015, 6, 1523.	1.5	12
105	Release of <i>Escherichia coli</i> under raindrop impact: The role of clay. <i>Advances in Water Resources</i> , 2018, 111, 1-5.	1.7	12
106	Modeling Pollutant Release from a Surface Source during Rainfall Runoff. <i>Journal of Environmental Quality</i> , 2001, 30, 151-159.	1.0	11
107	Relating hydrogeomorphic properties to stream buffering chemistry in the Neversink River watershed, New York State, USA. <i>Hydrological Processes</i> , 2010, 24, 3759-3771.	1.1	11
108	Modeling the release of <i>Escherichia coli</i> from soil into overland flow under raindrop impact. <i>Advances in Water Resources</i> , 2017, 106, 144-153.	1.7	11

#	ARTICLE	IF	CITATIONS
109	Landscape Scale Variation in Nitrous Oxide Flux Along a Typical Northeastern US Topographic Gradient in the Early Summer. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1571-1580.	1.1	10
110	Tracing Septic Pollution Sources Using Synthetic DNA Tracers: Proof of Concept. <i>Air, Soil and Water Research</i> , 2019, 12, 117862211986379.	1.2	10
111	Macroplastic accumulation in roadside ditches of New York State's Finger Lakes region (USA) across land uses and the COVID-19 pandemic. <i>Journal of Environmental Management</i> , 2021, 298, 113524.	3.8	10
112	Real-Time Forecast of Hydrologically Sensitive Areas in the Salmon Creek Watershed, New York State, Using an Online Prediction Tool. <i>Water (Switzerland)</i> , 2013, 5, 917-944.	1.2	9
113	Estimating long-term changes in actual evapotranspiration and water storage using a one-parameter model. <i>Journal of Hydrology</i> , 2014, 519, 2312-2317.	2.3	9
114	Does Population Affect the Location of Flash Flood Reports?. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 1953-1963.	0.6	9
115	Topographic wetness guided dairy manure applications to reduce stream nutrient loads in Central New York, USA. <i>Journal of Hydrology: Regional Studies</i> , 2017, 14, 67-82.	1.0	9
116	Modeling denitrification in a changing climate. <i>Sustainability of Water Quality and Ecology</i> , 2015, 5, 64-76.	2.0	7
117	Designing Eco-Friendly Water Intake Portfolios in a Tropical Andean Stream Network. <i>Water Resources Research</i> , 2019, 55, 6946-6967.	1.7	7
118	Farmer perceptions of dairy farm antibiotic use and transport pathways as determinants of contaminant loads to the environment. <i>Journal of Environmental Management</i> , 2021, 281, 111880.	3.8	7
119	Reducing Stormwater Nitrogen with Denitrifying Bioreactors: Florida Case Study. <i>Journal of Sustainable Water in the Built Environment</i> , 2018, 4, 06018002.	0.9	6
120	What You Net Depends on if You Grab: A Meta-analysis of Sampling Method's Impact on Measured Aquatic Microplastic Concentration. <i>Environmental Science & Technology</i> , 2021, 55, 12930-12942.	4.6	6
121	Labile carbon release from oxic-anoxic cycling in woodchip bioreactors enhances nitrate removal without increasing nitrous oxide accumulation. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 2357-2371.	1.2	6
122	Temperature dependence of daily respiration and reaeration rates during baseflow conditions in a northeastern U.S. stream. <i>Journal of Hydrology: Regional Studies</i> , 2018, 19, 250-264.	1.0	5
123	A whole-ecosystem experiment reveals flow-induced shifts in a stream community. <i>Communications Biology</i> , 2022, 5, 420.	2.0	5
124	Comment on "Shaw SB, Riha S. 2011. Assessing temperature-based PET equations under a changing climate in temperate, deciduous forests. <i>Hydrological Processes</i> 25: 1466-1478". <i>Hydrological Processes</i> , 2013, 27, 3511-3515.	1.1	4
125	Comparing Watershed Scale P Losses from Manure Spreading in Temperate Climates across Mechanistic Soil P Models. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, 04019009.	0.8	4
126	Internet mapping tools make scientific applications easy. <i>Eos</i> , 2006, 87, 386.	0.1	3

#	ARTICLE	IF	CITATIONS
127	Impacts of Coal Resource Development on Surface Water Quality in a Multi-jurisdictional Watershed in the Western United States. <i>Journal of Contemporary Water Research and Education</i> , 2020, 169, 79-91.	0.7	3
128	Rapid Remote Assessment of Culvert Flooding Risk. <i>Journal of Sustainable Water in the Built Environment</i> , 2020, 6, .	0.9	3
129	Modeling denitrification in an agricultural catchment in Central New York. <i>Sustainability of Water Quality and Ecology</i> , 2015, 5, 49-63.	2.0	2
130	Seasonal dynamics and exports of elements from a first-order stream to a large inland lake in Michigan. <i>Hydrological Processes</i> , 2019, 33, 1476-1491.	1.1	2
131	Comparing Greenhouse Gas Fluxes from Passive Urban Stormwater Management to Conventional Wastewater Treatment. <i>Journal of Sustainable Water in the Built Environment</i> , 2019, 5, 04018017.	0.9	2
132	Simulation and statistical modelling approaches to investigate hydrologic regime transformations following Eastern hemlock decline. <i>Hydrological Processes</i> , 2020, 34, 1198-1212.	1.1	2
133	Rainfall induced chemical transport from soil to runoff: theory and experiments. <i>Journal of Hydrology</i> , 2004, 295, 291-291.	2.3	1
134	Vadose zone dynamics and the legacy of Wilford R. Gardner. <i>Transport in Porous Media</i> , 2007, 68, 1-4.	1.2	1
135	A Simple Metric to Predict Stream Water Quality from Storm Runoff in an Urban Watershed. <i>Journal of Environmental Quality</i> , 2010, 39, 1338-1348.	1.0	1
136	Absence of genetic selection in a pathogenic <i>Escherichia coli</i> strain exposed to the manure-amended soil environment. <i>PLoS ONE</i> , 2018, 13, e0208346.	1.1	1
137	Closure to "Simple Snowdrift Model for Distributed Hydrological Modeling" by M. Todd Walter, Donald K. McCool, Larry G. King, Myron Molnau, and Gaylon S. Campbell. <i>Journal of Hydrologic Engineering - ASCE</i> , 2005, 10, 524-525.	0.8	0
138	Hammond Hill Research Catchment: Supporting hydrologic investigations of rooting zone and vegetation water dynamics under climate change. <i>Hydrological Processes</i> , 2020, 34, 4755-4758.	1.1	0
139	Dairy farmer perceptions of antibiotic transport and usage in animal agriculture dataset. <i>Data in Brief</i> , 2021, 35, 106785.	0.5	0
140	Roadside ditch macroplastic and other litter dataset in the Finger lakes region across land uses and COVID-19 pandemic. <i>Data in Brief</i> , 2021, 38, 107425.	0.5	0