Heather E Preisdanz

List of Publications by Year
in descending order

40	918	567281 15	454955 30
papers	citations	h-index	g-index

43	43	43	1132
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of studies on androgen and estrogen exposure in fish early life stages: effects on gene and hormonal control of sexual differentiation. Journal of Applied Toxicology, 2011, 31, 379-398.	2.8	146
2	Hormone Discharges from a Midwest Tile-Drained Agroecosystem Receiving Animal Wastes. Environmental Science & Technology, 2011, 45, 8755-8764.	10.0	121
3	Fate of pharmaceuticals in a spray-irrigation system: From wastewater to groundwater. Science of the Total Environment, 2019, 654, 197-208.	8.0	88
4	Landscape filtering of hydrologic and biogeochemical responses in managed catchments. Landscape Ecology, 2013, 28, 651-664.	4.2	65
5	Adsorption of pharmaceuticals from aqueous solutions using biochar derived from cotton gin waste and guayule bagasse. Biochar, 2021, 3, 89-104.	12.6	52
6	Assessing Impacts of Land-Applied Manure from Concentrated Animal Feeding Operations on Fish Populations and Communities. Environmental Science & Technology, 2012, 46, 13440-13447.	10.0	48
7	Implications of hydrologic connectivity between hillslopes and riparian zones on streamflow composition. Journal of Contaminant Hydrology, 2014, 169, 62-74.	3.3	46
8	A Conceptual Framework for Social, Behavioral, and Environmental Change through Stakeholder Engagement in Water Resource Management. Society and Natural Resources, 2021, 34, 1111-1132.	1.9	38
9	Occurrence, Concentrations, and Risks of Pharmaceutical Compounds in Private Wells in Central Pennsylvania. Journal of Environmental Quality, 2019, 48, 1057-1066.	2.0	31
10	Hormone loads exported by a tile-drained agroecosystem receiving animal wastes. Hydrological Processes, 2014, 28, 1318-1328.	2.6	29
11	Comparison of export dynamics of nutrients and animal-borne estrogens from a tile-drained Midwestern agroecosystem. Water Research, 2015, 72, 162-173.	11.3	28
12	Lorenz Curve and Gini Coefficient Reveal Hot Spots and Hot Moments for Nitrous Oxide Emissions. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 193-206.	3.0	27
13	Complexity as a streamflow metric of hydrologic alteration. Stochastic Environmental Research and Risk Assessment, 2017, 31, 2107-2119.	4.0	21
14	Influence of hydrologic and anthropogenic drivers on emerging organic contaminants in drinking water sources in the Susquehanna River Basin. Chemosphere, 2020, 245, 125583.	8.2	16
15	Integrating hydrograph modeling with real-time flow monitoring to generate hydrograph-specific sampling schemes. Journal of Hydrology, 2010, 393, 331-340.	5.4	15
16	Estrogen Transport in Surface Runoff from Agricultural Fields Treated with Two Application Methods of Dairy Manure. Journal of Environmental Quality, 2016, 45, 2007-2015.	2.0	15
17	Effect of urbanization on the long-term persistence of streamflow records. Physica A: Statistical Mechanics and Its Applications, 2016, 447, 208-221.	2.6	15
18	Reallocating crop rotation patterns improves water quality and maintains crop yield. Agricultural Systems, 2021, 187, 103015.	6.1	13

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19	Riparian buffer effectiveness as a function of buffer design and input loads. Journal of Environmental Quality, 2020, 49, 1599-1611.	2.0	12
20	Natural and anthropogenic controls on the frequency of preferential flow occurrence in a wastewater spray irrigation field. Agricultural Water Management, 2016, 178, 248-257.	5.6	11
21	Assessing the impacts of anthropogenic and hydro-climatic drivers on estrogen legacies and trajectories. Advances in Water Resources, 2016, 87, 19-28.	3.8	11
22	Estrogen occurrence and persistence in vernal pools impacted by wastewater irrigation practices. Agriculture, Ecosystems and Environment, 2018, 257, 103-112.	5.3	11
23	Load-discharge relationships reveal the efficacy of manure application practices on phosphorus and total solids losses from agricultural fields. Agriculture, Ecosystems and Environment, 2019, 272, 19-28.	5.3	10
24	Modeling carbamazepine transport in wastewaterâ€irrigated soil under different land uses. Journal of Environmental Quality, 2020, 49, 1011-1019.	2.0	10
25	Assessing surface and subsurface transport of neonicotinoid insecticides from noâ€till crop fields. Journal of Environmental Quality, 2021, 50, 476-484.	2.0	9
26	Temporal inequality of nutrient and sediment transport: a decision-making framework for temporal targeting of load reduction goals. Environmental Research Letters, 2021, 16, 014005.	5.2	9
27	The effects of disproportional load contributions on quantifying vegetated filter strip sediment trapping efficiencies. Stochastic Environmental Research and Risk Assessment, 2018, 32, 2369-2380.	4.0	5
28	Comparison of POCIS and grab sampling techniques for monitoring PPCPs in vernal pools in central Pennsylvania. Science of the Total Environment, 2022, 806, 150607.	8.0	5
29	Development of a Land Suitability Framework for Sustainable Manure Utilization. Transactions of the ASABE, 2021, 64, 273-285.	1.1	3
30	<i>Seasonal variations of emerging organic contaminants (EOCs) in drinking water sources in the Susquehanna River Basin</i>. , 2019, , .		1
31	Integrating Daily CO2 Concentrations in SWAT-VSA to Examine Climate Change Impacts on Hydrology in a Karst Watershed. Transactions of the ASABE, 2021, 64, 1303-1318.	1.1	1
32	Nevertheless, They Persisted: Can Hyporheic Zones Increase the Persistence of Estrogens in Streams?. Water Resources Research, 2021, 57, e2020WR028518.	4.2	1
33	Cover Cropping and Interseeding Management Practices to Improve Runoff Quality from Dairy Farms in Central Pennsylvania. Transactions of the ASABE, 2021, 64, 1403-1413.	1.1	1
34	The emergence, trajectory, and impacts of emerging contaminants publications in the Journal of Environmental Quality. Journal of Environmental Quality, 2021, 50, 1339-1346.	2.0	1
35	Culturable antibiotic resistant fecal coliform bacteria in soil and surface runoff following liquid dairy manure surface application and subsurface injection. Journal of Environmental Quality, 2022, , .	2.0	1
36	Meeting the Moment: Leveraging Temporal Inequality for Temporal Targeting to Achieve Water-Quality Load-Reduction Goals. Water (Switzerland), 2022, 14, 1003.	2.7	1

#	Article	IF	Citations
37	Development and Demonstration of an Endocrine-Disrupting Compound Footprint Calculator. Water (Switzerland), 2022, 14, 1587.	2.7	1
38	Continuous Hydrologic and Water Quality Monitoring of Vernal Ponds. Journal of Visualized Experiments, 2017, , .	0.3	0
39	<i>Assessment of riparian buffersâ€™ effectiveness in controlling nutrient and sediment loads as a function of buffer design, site characteristics and upland loadings</i>. , 2019, , .		0
40	Toward a Robust Land Suitability Framework for Manure Management: Modeling Impacts and Evaluating Biophysical Characteristics. Journal of the American Water Resources Association, 2022, 58, 435-452.	2.4	0