

Heather E Preisdanz

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

918
citations

643344

15
h-index

511568

30
g-index

43
all docs

43
docs citations

43
times ranked

1248
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. <i>Journal of Applied Toxicology</i> , 2011, 31, 379-398.	1.4	146
2	Hormone Discharges from a Midwest Tile-Drained Agroecosystem Receiving Animal Wastes. <i>Environmental Science & Technology</i> , 2011, 45, 8755-8764.	4.6	121
3	Fate of pharmaceuticals in a spray-irrigation system: From wastewater to groundwater. <i>Science of the Total Environment</i> , 2019, 654, 197-208.	3.9	88
4	Landscape filtering of hydrologic and biogeochemical responses in managed catchments. <i>Landscape Ecology</i> , 2013, 28, 651-664.	1.9	65
5	Adsorption of pharmaceuticals from aqueous solutions using biochar derived from cotton gin waste and guayule bagasse. <i>Biochar</i> , 2021, 3, 89-104.	6.2	52
6	Assessing Impacts of Land-Applied Manure from Concentrated Animal Feeding Operations on Fish Populations and Communities. <i>Environmental Science & Technology</i> , 2012, 46, 13440-13447.	4.6	48
7	Implications of hydrologic connectivity between hillslopes and riparian zones on streamflow composition. <i>Journal of Contaminant Hydrology</i> , 2014, 169, 62-74.	1.6	46
8	A Conceptual Framework for Social, Behavioral, and Environmental Change through Stakeholder Engagement in Water Resource Management. <i>Society and Natural Resources</i> , 2021, 34, 1111-1132.	0.9	38
9	Occurrence, Concentrations, and Risks of Pharmaceutical Compounds in Private Wells in Central Pennsylvania. <i>Journal of Environmental Quality</i> , 2019, 48, 1057-1066.	1.0	31
10	Hormone loads exported by a tile-drained agroecosystem receiving animal wastes. <i>Hydrological Processes</i> , 2014, 28, 1318-1328.	1.1	29
11	Comparison of export dynamics of nutrients and animal-borne estrogens from a tile-drained Midwestern agroecosystem. <i>Water Research</i> , 2015, 72, 162-173.	5.3	28
12	Lorenz Curve and Gini Coefficient Reveal Hot Spots and Hot Moments for Nitrous Oxide Emissions. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 193-206.	1.3	27
13	Complexity as a streamflow metric of hydrologic alteration. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 2107-2119.	1.9	21
14	Influence of hydrologic and anthropogenic drivers on emerging organic contaminants in drinking water sources in the Susquehanna River Basin. <i>Chemosphere</i> , 2020, 245, 125583.	4.2	16
15	Integrating hydrograph modeling with real-time flow monitoring to generate hydrograph-specific sampling schemes. <i>Journal of Hydrology</i> , 2010, 393, 331-340.	2.3	15
16	Estrogen Transport in Surface Runoff from Agricultural Fields Treated with Two Application Methods of Dairy Manure. <i>Journal of Environmental Quality</i> , 2016, 45, 2007-2015.	1.0	15
17	Effect of urbanization on the long-term persistence of streamflow records. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 447, 208-221.	1.2	15
18	Reallocating crop rotation patterns improves water quality and maintains crop yield. <i>Agricultural Systems</i> , 2021, 187, 103015.	3.2	13

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19	Riparian buffer effectiveness as a function of buffer design and input loads. <i>Journal of Environmental Quality</i> , 2020, 49, 1599-1611.	1.0	12
20	Natural and anthropogenic controls on the frequency of preferential flow occurrence in a wastewater spray irrigation field. <i>Agricultural Water Management</i> , 2016, 178, 248-257.	2.4	11
21	Assessing the impacts of anthropogenic and hydro-climatic drivers on estrogen legacies and trajectories. <i>Advances in Water Resources</i> , 2016, 87, 19-28.	1.7	11
22	Estrogen occurrence and persistence in vernal pools impacted by wastewater irrigation practices. <i>Agriculture, Ecosystems and Environment</i> , 2018, 257, 103-112.	2.5	11
23	Load-discharge relationships reveal the efficacy of manure application practices on phosphorus and total solids losses from agricultural fields. <i>Agriculture, Ecosystems and Environment</i> , 2019, 272, 19-28.	2.5	10
24	Modeling carbamazepine transport in wastewater-irrigated soil under different land uses. <i>Journal of Environmental Quality</i> , 2020, 49, 1011-1019.	1.0	10
25	Assessing surface and subsurface transport of neonicotinoid insecticides from no-till crop fields. <i>Journal of Environmental Quality</i> , 2021, 50, 476-484.	1.0	9
26	Temporal inequality of nutrient and sediment transport: a decision-making framework for temporal targeting of load reduction goals. <i>Environmental Research Letters</i> , 2021, 16, 014005.	2.2	9
27	The effects of disproportional load contributions on quantifying vegetated filter strip sediment trapping efficiencies. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 2369-2380.	1.9	5
28	Comparison of POCIS and grab sampling techniques for monitoring PPCPs in vernal pools in central Pennsylvania. <i>Science of the Total Environment</i> , 2022, 806, 150607.	3.9	5
29	Development of a Land Suitability Framework for Sustainable Manure Utilization. <i>Transactions of the ASABE</i> , 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. <i>Transactions of the ASABE</i> , 2021, 64, 1303-1318.	1.1	1
32	Nevertheless, They Persisted: Can Hyporheic Zones Increase the Persistence of Estrogens in Streams?. <i>Water Resources Research</i> , 2021, 57, e2020WR028518.	1.7	1
33	Cover Cropping and Interseeding Management Practices to Improve Runoff Quality from Dairy Farms in Central Pennsylvania. <i>Transactions of the ASABE</i> , 2021, 64, 1403-1413.	1.1	1
34	The emergence, trajectory, and impacts of emerging contaminants publications in the <i>Journal of Environmental Quality</i> . <i>Journal of Environmental Quality</i> , 2021, 50, 1339-1346.	1.0	1
35	Culturable antibiotic resistant fecal coliform bacteria in soil and surface runoff following liquid dairy manure surface application and subsurface injection. <i>Journal of Environmental Quality</i> , 2022, , .	1.0	1
36	Meeting the Moment: Leveraging Temporal Inequality for Temporal Targeting to Achieve Water-Quality Load-Reduction Goals. <i>Water (Switzerland)</i> , 2022, 14, 1003.	1.2	1

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37	Development and Demonstration of an Endocrine-Disrupting Compound Footprint Calculator. Water (Switzerland), 2022, 14, 1587.	1.2	1
38	Continuous Hydrologic and Water Quality Monitoring of Vernal Ponds. Journal of Visualized Experiments, 2017, , .	0.2	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.	1.0	0