

# David J Sample

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,617  
citations

304743

22  
h-index

302126

39  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the joint effects of climate and land use change on runoff and pollutant loading in a rapidly developing watershed. <i>Journal of Cleaner Production</i> , 2022, 330, 129953.	9.3	38
2	What are the relevant sources and factors affecting event mean concentrations (EMCs) of nutrients and sediment in stormwater?. <i>Science of the Total Environment</i> , 2022, 828, 154368.	8.0	6
3	Using Random Forest, a machine learning approach to predict nitrogen, phosphorus, and sediment event mean concentrations in urban runoff. <i>Journal of Environmental Management</i> , 2022, 317, 115412.	7.8	11
4	Efficacy of a retention pond in treating stormwater nutrients and sediment. <i>Journal of Cleaner Production</i> , 2021, 290, 125787.	9.3	17
5	The effects of land use characteristics on urban stormwater quality and watershed pollutant loads. <i>Science of the Total Environment</i> , 2021, 773, 145358.	8.0	30
6	Systems Analysis of Coupled Natural and Human Processes in the Mekong River Basin. <i>Hydrology</i> , 2021, 8, 140.	3.0	8
7	Response of non-point source pollution to landscape pattern: case study in mountain-rural region, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16602-16615.	5.3	12
8	Effect of intermittent aeration mode on nitrogen concentration in the water column and sediment pore water of aquaculture ponds. <i>Journal of Environmental Sciences</i> , 2020, 90, 331-342.	6.1	17
9	Evaluating the Impact of Climate Change on Water Quality and Quantity in an Urban Watershed Using an Ensemble Approach. <i>Estuaries and Coasts</i> , 2020, 43, 56-72.	2.2	20
10	Comparing Yield, Quality, Water Use Efficiency, and Value between Fodder and Grain Produced Using Ridgeâ€Furrow Rainwater Harvesting in a Semiarid Region. <i>Crop Science</i> , 2019, 59, 2214-2226.	1.8	2
11	The effect of temperature on sulfate release from Pearl River sediments in South China. <i>Science of the Total Environment</i> , 2019, 688, 1112-1123.	8.0	9
12	Optimum ridge width and suitable mulching material for sainfoin production with ridgeâ€furrow rainwater harvesting in semiarid regions of China. <i>Arid Land Research and Management</i> , 2019, 33, 274-296.	1.6	6
13	Data on floating treatment wetland aided nutrient removal from agricultural runoff using two wetland species. <i>Data in Brief</i> , 2019, 22, 756-761.	1.0	6
14	An evaluation of HSPF and SWMM for simulating streamflow regimes in an urban watershed. <i>Environmental Modelling and Software</i> , 2019, 118, 211-225.	4.5	75
15	Water quality characterization of storm and irrigation runoff from a container nursery. <i>Science of the Total Environment</i> , 2019, 667, 166-178.	8.0	16
16	Simulation of watershed-scale practices for mitigating stream thermal pollution due to urbanization. <i>Science of the Total Environment</i> , 2019, 671, 215-231.	8.0	31
17	Floating treatment wetland aided nutrient removal from agricultural runoff using two wetland species. <i>Ecological Engineering</i> , 2019, 127, 468-479.	3.6	42
18	A multiobjective simulation-optimization tool for assisting in urban watershed restoration planning. <i>Journal of Cleaner Production</i> , 2019, 213, 251-261.	9.3	40

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19	Assessing nitrogen and phosphorus removal potential of five plant species in floating treatment wetlands receiving simulated nursery runoff. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5751-5768.	5.3	34
20	Validation of Nursery and Greenhouse Best Management Practices through Scientific Evidence. <i>HortTechnology</i> , 2019, 29, 700-715.	0.9	3
21	Water Quality Characterization of Irrigation and Storm Runoff for a Nursery. <i>Green Energy and Technology</i> , 2019, , 788-793.	0.6	1
22	Water supply and runoff capture reliability curves for hypothetical rainwater harvesting systems for locations across the U.S. for historical and projected climate conditions. <i>Data in Brief</i> , 2018, 18, 441-447.	1.0	2
23	Assessing climate change impacts on the reliability of rainwater harvesting systems. <i>Resources, Conservation and Recycling</i> , 2018, 132, 178-189.	10.8	43
24	Thermal evaluation of urbanization using a hybrid approach. <i>Journal of Environmental Management</i> , 2018, 226, 457-475.	7.8	24
25	Combining Hydrologic Analysis and Life Cycle Assessment Approaches to Evaluate Sustainability of Water Infrastructure. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2018, 144, .	1.0	13
26	A semi-distributed model for locating stormwater best management practices in coastal environments. <i>Environmental Modelling and Software</i> , 2017, 91, 70-86.	4.5	20
27	Evaluating the performance of a retrofitted stormwater wet pond for treatment of urban runoff. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 256.	2.7	22
28	Assessing the Effects of Climate Change on Water Quantity and Quality in an Urban Watershed Using a Calibrated Stormwater Model. <i>Water (Switzerland)</i> , 2017, 9, 464.	2.7	59
29	Reducing combined sewer overflows by using outlet controls for Green Stormwater Infrastructure: Case study in Richmond, Virginia. <i>Journal of Hydrology</i> , 2015, 520, 473-488.	5.4	108
30	Evaluation of commercial floating treatment wetland technologies for nutrient remediation of stormwater. <i>Ecological Engineering</i> , 2015, 75, 61-69.	3.6	95
31	Assessment of Selected Bioretention Blends for Nutrient Retention Using Mesocosm Experiments. <i>Journal of Environmental Quality</i> , 2014, 43, 1754-1763.	2.0	36
32	Urban Wet-Weather Flows. <i>Water Environment Research</i> , 2014, 86, 910-991.	2.7	1
33	Frequency Analysis for Precipitation Events and Dry Durations of Virginia. <i>Environmental Modeling and Assessment</i> , 2014, 19, 167-178.	2.2	5
34	Assessment of the nutrient removal effectiveness of floating treatment wetlands applied to urban retention ponds. <i>Journal of Environmental Management</i> , 2014, 137, 23-35.	7.8	95
35	Optimizing rainwater harvesting systems for the dual purposes of water supply and runoff capture. <i>Journal of Cleaner Production</i> , 2014, 75, 174-194.	9.3	118
36	Vegetation effects on floating treatment wetland nutrient removal and harvesting strategies in urban stormwater ponds. <i>Science of the Total Environment</i> , 2014, 499, 384-393.	8.0	66

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37	Review and Research Needs of Bioretention Used for the Treatment of Urban Stormwater. <i>Water (Switzerland)</i> , 2014, 6, 1069-1099.	2.7	186
38	Assessing floating treatment wetlands nutrient removal performance through a first order kinetics model and statistical inference. <i>Ecological Engineering</i> , 2013, 61, 292-302.	3.6	36
39	Evaluating the Dual Benefits of Rainwater Harvesting Systems Using Reliability Analysis. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 1310-1321.	1.9	17
40	Assessing performance of manufactured treatment devices for the removal of phosphorus from urban stormwater. <i>Journal of Environmental Management</i> , 2012, 113, 279-291.	7.8	37
41	Urban Wet-Weather Flows. <i>Water Environment Research</i> , 2012, 84, 861-970.	2.7	6
42	RESIDENTIAL STORMWATER: METHODS FOR DECREASING RUNOFF AND INCREASING STORMWATER INFILTRATION. <i>Journal of Green Building</i> , 2012, 7, 15-30.	0.8	17
43	Northwest Georgia Water Partnership A Regional Approach to Water Quality Management and TMDL Implementation. <i>Proceedings of the Water Environment Federation</i> , 2007, 2007, 745-755.	0.0	0
44	Integrated Management of Irrigation and Urban Storm-Water Infiltration. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2006, 132, 362-373.	2.6	25
45	Costs of Best Management Practices and Associated Land for Urban Stormwater Control. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2003, 129, 59-68.	2.6	76
46	Geographic Information Systems, Decision Support Systems, and Urban Storm-Water Management. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2001, 127, 155-161.	2.6	67
47	Research Needs in Urban Wet Weather Flows. <i>Water Environment Research</i> , 1999, 71, 241-250.	2.7	19