

Geneviève A Ali

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,661
citations

361296

20
h-index

289141

40
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43
all docs

43
docs citations

43
times ranked

2122
citing authors

#	ARTICLE	IF	CITATIONS
1	Vulnerable Waters are Essential to Watershed Resilience. <i>Ecosystems</i> , 2023, 26, 1-28.	1.6	21
2	Event-based analysis of wetland hydrologic response in the Prairie Pothole Region. <i>Journal of Hydrology</i> , 2022, 604, 127237.	2.3	4
3	Cumulative Effects of Uncertainty on Simulated Streamflow in a Hydrologic Modeling Environment. <i>Elementa</i> , 2021, 9, .	1.1	9
4	Evaluating the Ubiquity of Thresholds in Rainfallâ€”Runoff Response Across Contrasting Environments. <i>Water Resources Research</i> , 2021, 57, .	1.7	14
5	Use of Ensemble-Based Gridded Precipitation Products for Assessing Input Data Uncertainty Prior to Hydrologic Modeling. <i>Water (Switzerland)</i> , 2020, 12, 2751.	1.2	6
6	Soil Organic Matter as Catalyst of Crop Resource Capture. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	45
7	Differing Modes of Biotic Connectivity within Freshwater Ecosystem Mosaics. <i>Journal of the American Water Resources Association</i> , 2019, 55, 307-317.	1.0	23
8	Phytoplankton blooms in Lake Winnipeg linked to selective water-gatekeeper connectivity. <i>Scientific Reports</i> , 2019, 9, 8395.	1.6	17
9	Comparison of eventâ€”specific rainfallâ€”runoff responses and their controls in contrasting geographic areas. <i>Hydrological Processes</i> , 2019, 33, 1961-1979.	1.1	16
10	Differences in preferential flow with antecedent moisture conditions and soil texture: Implications for subsurface P transport. <i>Hydrological Processes</i> , 2019, 33, 2068-2079.	1.1	48
11	Streamwater ages in nested, seasonally cold Canadian watersheds. <i>Hydrological Processes</i> , 2019, 33, 495-511.	1.1	22
12	Hydroclimatic controls on runoff activation in an artificially drained, nearâ€”level vertisolic clay landscape in a Prairie climate. <i>Hydrological Processes</i> , 2019, 33, 602-615.	1.1	10
13	The Tâ€”TEL Method for Assessing Water, Sediment, and Chemical Connectivity. <i>Water Resources Research</i> , 2018, 54, 634-662.	1.7	28
14	Assessing structural, functional and effective hydrologic connectivity with brain neuroscience methods: State-of-the-art and research directions. <i>Earth-Science Reviews</i> , 2018, 178, 29-47.	4.0	41
15	Preferential Flow in Vertisolic Soils with and without Organic Amendments. <i>Agricultural and Environmental Letters</i> , 2018, 3, 180018.	0.8	12
16	Supply and Transport Limitations on Phosphorus Losses from Agricultural Fields in the Lower Great Lakes Region, Canada. <i>Journal of Environmental Quality</i> , 2018, 47, 96-105.	1.0	29
17	Hydrological dynamics of prairie pothole wetlands: Dominant processes and landscape controls under contrasted conditions. <i>Hydrological Processes</i> , 2018, 32, 2405-2422.	1.1	23
18	Hydroclimatic influences and physiographic controls on phosphorus dynamics in prairie pothole wetlands. <i>Science of the Total Environment</i> , 2018, 645, 1410-1424.	3.9	17

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19	Groundwater-Driven Wetland-Stream Connectivity in the Prairie Pothole Region: Inferences Based on Electrical Conductivity Data. <i>Wetlands</i> , 2017, 37, 773-785.	0.7	14
20	Inferring soil water movement and streamflow response in Canadian Prairie riparian areas using hydrologic state variables. <i>Hydrological Processes</i> , 2017, 31, 3765-3782.	1.1	0
21	Phosphorus export dynamics and hydrobiogeochemical controls across gradients of scale, topography and human impact. <i>Hydrological Processes</i> , 2017, 31, 3130-3145.	1.1	30
22	Evaluating the Effects of Tracer Choice and End-Member Definitions on Hydrograph Separation Results Across Nested, Seasonally Cold Watersheds. <i>Water Resources Research</i> , 2017, 53, 8851-8871.	1.7	17
23	Integrating geographically isolated wetlands into land management decisions. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 319-327.	1.9	92
24	Evaluating the Relative Importance of Shallow Subsurface Flow in a Prairie Landscape. <i>Vadose Zone Journal</i> , 2017, 16, 1-20.	1.3	5
25	Comparison of threshold hydrologic response across northern catchments. <i>Hydrological Processes</i> , 2015, 29, 3575-3591.	1.1	55
26	Spatiotemporal variability of water quality and stable water isotopes in intensively managed prairie watersheds. <i>Hydrological Processes</i> , 2015, 29, 4125-4143.	1.1	7
27	Comparison of sampling strategies for monitoring water quality in mesoscale Canadian Prairie watersheds. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 395.	1.3	14
28	ASSESSING THE CUMULATIVE IMPACTS OF HYDROPOWER REGULATION ON THE FLOW CHARACTERISTICS OF A LARGE ATLANTIC SALMON RIVER SYSTEM. <i>River Research and Applications</i> , 2014, 30, 456-475.	0.7	20
29	A comparison of wetness indices for the prediction of observed connected saturated areas under contrasting conditions. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 399-413.	1.2	62
30	Analysis of hydrological seasonality across northern catchments using monthly precipitation-runoff polygon metrics. <i>Hydrological Sciences Journal</i> , 2014, 59, 56-72.	1.2	4
31	Concepts of hydrological connectivity: Research approaches, pathways and future agendas. <i>Earth-Science Reviews</i> , 2013, 119, 17-34.	4.0	445
32	Towards a unified threshold-based hydrological theory: necessary components and recurring challenges. <i>Hydrological Processes</i> , 2013, 27, 313-318.	1.1	63
33	A comparison of similarity indices for catchment classification using a cross-regional dataset. <i>Advances in Water Resources</i> , 2012, 40, 11-22.	1.7	85
34	Topographic, pedologic and climatic interactions influencing streamflow generation at multiple catchment scales. <i>Hydrological Processes</i> , 2012, 26, 3858-3874.	1.1	21
35	Linking spatial patterns of perched groundwater storage and stormflow generation processes in a headwater forested catchment. <i>Hydrological Processes</i> , 2011, 25, 3843-3857.	1.1	44
36	Source-to-stream connectivity assessment through end-member mixing analysis. <i>Journal of Hydrology</i> , 2010, 392, 119-135.	2.3	45

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37	Multivariate analysis as a tool to infer hydrologic response types and controlling variables in a humid temperate catchment. <i>Hydrological Processes</i> , 2010, 24, 2912-2923.	1.1	21
38	A case study on the use of appropriate surrogates for antecedent moisture conditions (AMCs). <i>Hydrology and Earth System Sciences</i> , 2010, 14, 1843-1861.	1.9	28
39	Spatial relationships between soil moisture patterns and topographic variables at multiple scales in a humid temperate forested catchment. <i>Water Resources Research</i> , 2010, 46, .	1.7	34
40	Shopping for hydrologically representative connectivity metrics in a humid temperate forested catchment. <i>Water Resources Research</i> , 2010, 46, .	1.7	80
41	Revisiting Hydrologic Sampling Strategies for an Accurate Assessment of Hydrologic Connectivity in Humid Temperate Systems. <i>Geography Compass</i> , 2009, 3, 350-374.	1.5	90