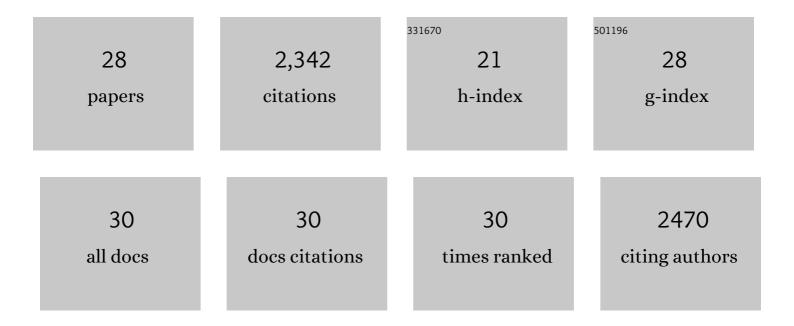
Kimberly J Van Meter

List of Publications by Year in descending order

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KIMBEDI VI VAN METED

#	Article	IF	CITATIONS
1	River dam impacts on biogeochemical cycling. Nature Reviews Earth & Environment, 2020, 1, 103-116.	29.7	372
2	Legacy nitrogen may prevent achievement of water quality goals in the Gulf of Mexico. Science, 2018, 360, 427-430.	12.6	262
3	The nitrogen legacy: emerging evidence of nitrogen accumulation in anthropogenic landscapes. Environmental Research Letters, 2016, 11, 035014.	5.2	249
4	Wetlands as large-scale nature-based solutions: Status and challenges for research, engineering and management. Ecological Engineering, 2017, 108, 489-497.	3.6	217
5	Two centuries of nitrogen dynamics: Legacy sources and sinks in the Mississippi and Susquehanna River Basins. Global Biogeochemical Cycles, 2017, 31, 2-23.	4.9	199
6	Signatures of human impact: size distributions and spatial organization of wetlands in the Prairie Pothole landscape. Ecological Applications, 2015, 25, 451-465.	3.8	122
7	Maximizing US nitrate removal through wetland protection and restoration. Nature, 2020, 588, 625-630.	27.8	113
8	Time lags in watershed-scale nutrient transport: an exploration of dominant controls. Environmental Research Letters, 2017, 12, 084017.	5.2	112
9	Managing nitrogen legacies to accelerate water quality improvement. Nature Geoscience, 2022, 15, 97-105.	12.9	112
10	Catchment Legacies and Time Lags: A Parsimonious Watershed Model to Predict the Effects of Legacy Storage on Nitrogen Export. PLoS ONE, 2015, 10, e0125971.	2.5	104
11	Review: the environmental status and implications of the nitrate time lag in Europe and North America. Hydrogeology Journal, 2018, 26, 7-22.	2.1	53
12	Monsoon Harvests: The Living Legacies of Rainwater Harvesting Systems in South India. Environmental Science & Technology, 2014, 48, 4217-4225.	10.0	50
13	Water security and rainwater harvesting: A conceptual framework and candidate indicators. Applied Geography, 2016, 76, 75-84.	3.7	43
14	A Race Against Time: Modeling Time Lags in Watershed Response. Water Resources Research, 2019, 55, 3941-3959.	4.2	43
15	Longâ€Term Shifts in U.S. Nitrogen Sources and Sinks Revealed by the New TRENDâ€Nitrogen Data Set (1930–2017). Global Biogeochemical Cycles, 2020, 34, e2020GB006626.	4.9	38
16	Chesapeake legacies: the importance of legacy nitrogen to improving Chesapeake Bay water quality. Environmental Research Letters, 2021, 16, 085002.	5.2	38
17	The need to integrate legacy nitrogen storage dynamics and time lags into policy and practice. Science of the Total Environment, 2021, 781, 146698.	8.0	31
18	The socioecohydrology of rainwater harvesting in India: understanding water storage and release dynamics across spatial scales. Hydrology and Earth System Sciences, 2016, 20, 2629-2647.	4.9	30

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#	Article	IF	CITATIONS
19	Beyond the Mass Balance: Watershed Phosphorus Legacies and the Evolution of the Current Water Quality Policy Challenge. Water Resources Research, 2021, 57, e2020WR029316.	4.2	29
20	Biogeochemical asynchrony: Ecosystem drivers of seasonal concentration regimes across the Great Lakes Basin. Limnology and Oceanography, 2020, 65, 848-862.	3.1	28
21	Is the River a Chemostat?: Scale Versus Land Use Controls on Nitrate Concentrationâ€Discharge Dynamics in the Upper Mississippi River Basin. Geophysical Research Letters, 2020, 47, e2020GL087051.	4.0	28
22	Agricultural phosphorus surplus trajectories for Ontario, Canada (1961–2016), and erosional export risk. Science of the Total Environment, 2022, 818, 151717.	8.0	16
23	Checkered landscapes: hydrologic and biogeochemical nitrogen legacies along the river continuum. Environmental Research Letters, 2021, 16, 115006.	5.2	13
24	Intensive agriculture, nitrogen legacies, and water quality: intersections and implications. Environmental Research Letters, 2022, 17, 035006.	5.2	13
25	Characterizing Catchmentâ€5cale Nitrogen Legacies and Constraining Their Uncertainties. Water Resources Research, 2022, 58, .	4.2	8
26	The role of groundwater discharge fluxes on Si:P ratios in a major tributary to Lake Erie. Science of the Total Environment, 2018, 622-623, 814-824.	8.0	5
27	Response to Comment on "Legacy nitrogen may prevent achievement of water quality goals in the Gulf of Mexico― Science, 2019, 365, .	12.6	5
28	Nitrogen legacies in anthropogenic landscapes: a case study in the Mondego Basin in Portugal. Environmental Science and Pollution Research, 2022, 29, 23919-23935.	5.3	3