

Marc H Weber

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

951
citations

687363

13
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

1254
citing authors

#	ARTICLE	IF	CITATIONS
1	The Stream-Catchment (StreamCat) Dataset: A Database of Watershed Metrics for the Conterminous United States. <i>Journal of the American Water Resources Association</i> , 2016, 52, 120-128.	2.4	189
2	Assessing the accuracy and stability of variable selection methods for random forest modeling in ecology. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 316.	2.7	112
3	Stable isotope estimates of evaporation : inflow and water residence time for lakes across the United States as a tool for national lake water quality assessments. <i>Limnology and Oceanography</i> , 2014, 59, 2150-2165.	3.1	107
4	Climate effects on historical fires (1630 - 1900) in Utah. <i>International Journal of Wildland Fire</i> , 2008, 17, 28.	2.4	59
5	National and regional comparisons between Strahler order and stream size. <i>Journal of the North American Benthological Society</i> , 2011, 30, 103-121.	3.1	58
6	Predictive mapping of the biotic condition of conterminous U.S. rivers and streams. <i>Ecological Applications</i> , 2017, 27, 2397-2415.	3.8	55
7	Mapping watershed integrity for the conterminous United States. <i>Ecological Indicators</i> , 2018, 85, 1133-1148.	6.3	40
8	Survey design and extent estimates for the National Lakes Assessment. <i>Freshwater Science</i> , 2013, 32, 1231-1245.	1.8	36
9	Nitrogen inputs drive nitrogen concentrations in U.S. streams and rivers during summer low flow conditions. <i>Science of the Total Environment</i> , 2018, 639, 1349-1359.	8.0	36
10	The Lake-Catchment (LakeCat) Dataset: characterizing landscape features for lake basins within the conterminous USA. <i>Freshwater Science</i> , 2018, 37, 208-221.	1.8	35
11	How Misapplication of the Hydrologic Unit Framework Diminishes the Meaning of Watersheds. <i>Environmental Management</i> , 2017, 60, 1-11.	2.7	32
12	Context is Everything: Interacting Inputs and Landscape Characteristics Control Stream Nitrogen. <i>Environmental Science & Technology</i> , 2021, 55, 7890-7899.	10.0	22
13	Hydrologic Landscape Characterization for the Pacific Northwest, USA. <i>Journal of the American Water Resources Association</i> , 2016, 52, 473-493.	2.4	18
14	Survey design to assess condition of wetlands in the United States. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 268.	2.7	16
15	Physical habitat in conterminous US streams and rivers, Part 1: Geoclimatic controls and anthropogenic alteration. <i>Ecological Indicators</i> , 2022, 141, 109046.	6.3	16
16	Modeling tribal exposures to methyl mercury from fish consumption. <i>Science of the Total Environment</i> , 2015, 533, 102-109.	8.0	11
17	Regional patterns of total nitrogen concentrations in the National Rivers and Streams Assessment. <i>Journal of Soils and Water Conservation</i> , 2016, 71, 167-181.	1.6	11
18	The response of wetland quality indicators to human disturbance indicators across the United States. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 296.	2.7	11

#	ARTICLE	IF	CITATIONS
19	Lake Water Levels and Associated Hydrologic Characteristics in the Conterminous U.S.. Journal of the American Water Resources Association, 2020, 56, 450-471.	2.4	11
20	Forest development following mudflow deposition, Mount St. Helens, Washington. Canadian Journal of Forest Research, 2006, 36, 437-449.	1.7	10
21	Geomorphic Change and Vegetation Development on the Muddy River Mudflow Deposit. , 2005, , 75-91.		10
22	Wetland Flowpaths Mediate Nitrogen and Phosphorus Concentrations across the Upper Mississippi River Basin. Journal of the American Water Resources Association, 2023, 59, 1162-1179.	2.4	9
23	micromap: A Package for Linked Micromaps. Journal of Statistical Software, 2015, 63, .	3.7	7
24	National framework for ranking lakes by potential for anthropogenic hydro-alteration. Ecological Indicators, 2021, 122, 107241.	6.3	6
25	Adapting the Index of Watershed Integrity for Watershed Managers in the Western Balkans Region. Environmental Management, 2020, 65, 602-617.	2.7	5
26	The use of multiscale stressors with biological condition assessments: A framework to advance the assessment and management of streams. Science of the Total Environment, 2020, 737, 139699.	8.0	4
27	Natural and anthropogenic controls on lake waterâ€level decline and evaporationâ€toâ€inflow ratio in the conterminous United States. Limnology and Oceanography, 2022, 67, 1484-1501.	3.1	4
28	Applying the index of watershed integrity to the Matanuskaâ€Susitna basin. Arctic, Antarctic, and Alpine Research, 2020, 52, 435-449.	1.1	2
29	Î ¹⁵ N of Chironomidae: An index of nitrogen sources and processing within watersheds for national aquatic monitoring programs. Science of the Total Environment, 2021, 813, 151867.	8.0	2
30	Linked Micromap Plots for South America â€ General Design Considerations and Specific Adjustments. Revista Colombiana De Estadística, 2014, 37, 450-469.	0.4	1