

Marc F MÃ¼ller

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

662
citations

623734

14
h-index

580821

25
g-index

41
all docs

41
docs citations

41
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the Syrian refugee crisis on land use and transboundary freshwater resources. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14932-14937.	7.1	82
2	Analytical model for flow duration curves in seasonally dry climates. Water Resources Research, 2014, 50, 5510-5531.	4.2	67
3	Bias adjustment of satellite rainfall data through stochastic modeling: Methods development and application to Nepal. Advances in Water Resources, 2013, 60, 121-134.	3.8	65
4	Impact of transnational land acquisitions on local food security and dietary diversity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	51
5	Salinization in large river deltas: Drivers, impacts and socio-hydrological feedbacks. Water Security, 2019, 6, 100024.	2.5	49
6	Comparing statistical and process-based flow duration curve models in ungauged basins and changing rain regimes. Hydrology and Earth System Sciences, 2016, 20, 669-683.	4.9	45
7	How Jordan and Saudi Arabia are avoiding a tragedy of the commons over shared groundwater. Water Resources Research, 2017, 53, 5451-5468.	4.2	43
8	Complementary Vantage Points: Integrating Hydrology and Economics for Sociohydrologic Knowledge Generation. Water Resources Research, 2019, 55, 2549-2571.	4.2	33
9	Bridging the information gap: A webGIS tool for rural electrification in data-scarce regions. Applied Energy, 2016, 171, 277-286.	10.1	28
10	Competition for water induced by transnational land acquisitions for agriculture. Nature Communications, 2022, 13, 505.	12.8	24
11	Estimating the price (in)elasticity of off-grid electricity demand. Development Engineering, 2018, 3, 12-22.	1.8	22
12	Climate change and the opportunity cost of conflict. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1935-1940.	7.1	21
13	TopREML: a topological restricted maximum likelihood approach to regionalize trended runoff signatures in stream networks. Hydrology and Earth System Sciences, 2015, 19, 2925-2942.	4.9	20
14	Developing a sustainability science approach for water systems. Ecology and Society, 2020, 25, .	2.3	19
15	Using Natural Experiments and Counterfactuals for Causal Assessment: River Salinity and the Ganges Water Agreement. Water Resources Research, 2020, 56, e2019WR026166.	4.2	10
16	Trust and incentives for transboundary groundwater cooperation. Advances in Water Resources, 2021, 155, 104019.	3.8	10
17	Stochastic modeling of interannual variation of hydrologic variables. Geophysical Research Letters, 2017, 44, 7285-7294.	4.0	9
18	Impact of Hurricane Maria on Beach Erosion in Puerto Rico: Remote Sensing and Causal Inference. Geophysical Research Letters, 2020, 47, e2020GL087306.	4.0	9

#	ARTICLE	IF	CITATIONS
19	A simple cloud-filling approach for remote sensing water cover assessments. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 2373-2386.	4.9	9
20	A Value-Based Model Selection Approach for Environmental Random Variables. <i>Water Resources Research</i> , 2019, 55, 270-283.	4.2	7
21	Catchment processes can amplify the effect of increasing rainfall variability. <i>Environmental Research Letters</i> , 2021, 16, 084032.	5.2	7
22	On the Effect of Nonlinear Recessions on Low Flow Variability: Diagnostic of an Analytical Model for Annual Flow Duration Curves. <i>Water Resources Research</i> , 2019, 55, 6125-6137.	4.2	6
23	Addressing climate uncertainty and incomplete information in transboundary river treaties: A scenario-neutral dimensionality reduction approach. <i>Journal of Hydrology</i> , 2022, 612, 128004.	5.4	6
24	Sociohydrology, ecohydrology, and the space-time dynamics of human-altered catchments. <i>Hydrological Sciences Journal</i> , 2021, 66, 1393-1408.	2.6	5
25	anem: A Simple Web-Based Platform to Build Stakeholder Understanding of Groundwater Behavior. <i>Ground Water</i> , 2021, 59, 273-280.	1.3	4
26	Climatic and anthropogenic drivers of a drying Himalayan river. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 375-395.	4.9	4
27	Social dilemmas and poor water quality in household water systems. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 1187-1202.	4.9	1