

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	Climatic and anthropogenic drivers of a drying Himalayan river. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 375-395.	4.9	4
2	Competition for water induced by transnational land acquisitions for agriculture. <i>Nature Communications</i> , 2022, 13, 505.	12.8	24
3	Social dilemmas and poor water quality in household water systems. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 1187-1202.	4.9	1
4	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
5	anem: A Simple Web-Based Platform to Build Stakeholder Understanding of Groundwater Behavior. <i>Ground Water</i> , 2021, 59, 273-280.	1.3	4
6	Impact of transnational land acquisitions on local food security and dietary diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	51
7	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
8	Catchment processes can amplify the effect of increasing rainfall variability. <i>Environmental Research Letters</i> , 2021, 16, 084032.	5.2	7
9	Sociohydrology, ecohydrology, and the space-time dynamics of human-altered catchments. <i>Hydrological Sciences Journal</i> , 2021, 66, 1393-1408.	2.6	5
10	Trust and incentives for transboundary groundwater cooperation. <i>Advances in Water Resources</i> , 2021, 155, 104019.	3.8	10
11	Climate change and the opportunity cost of conflict. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1935-1940.	7.1	21
12	Developing a sustainability science approach for water systems. <i>Ecology and Society</i> , 2020, 25, .	2.3	19
13	Impact of Hurricane Maria on Beach Erosion in Puerto Rico: Remote Sensing and Causal Inference. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087306.	4.0	9
14	Using Natural Experiments and Counterfactuals for Causal Assessment: River Salinity and the Ganges Water Agreement. <i>Water Resources Research</i> , 2020, 56, e2019WR026166.	4.2	10
15	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
16	Salinization in large river deltas: Drivers, impacts and socio-hydrological feedbacks. <i>Water Security</i> , 2019, 6, 100024.	2.5	49
17	Complementary Vantage Points: Integrating Hydrology and Economics for Sociohydrologic Knowledge Generation. <i>Water Resources Research</i> , 2019, 55, 2549-2571.	4.2	33
18	A Value-Based Model Selection Approach for Environmental Random Variables. <i>Water Resources Research</i> , 2019, 55, 270-283.	4.2	7

#	ARTICLE	IF	CITATIONS
19	Estimating the price (in)elasticity of off-grid electricity demand. <i>Development Engineering</i> , 2018, 3, 12-22.	1.8	22
20	How Jordan and Saudi Arabia are avoiding a tragedy of the commons over shared groundwater. <i>Water Resources Research</i> , 2017, 53, 5451-5468.	4.2	43
21	Stochastic modeling of interannual variation of hydrologic variables. <i>Geophysical Research Letters</i> , 2017, 44, 7285-7294.	4.0	9
22	Comparing statistical and process-based flow duration curve models in ungauged basins and changing rain regimes. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 669-683.	4.9	45
23	Impact of the Syrian refugee crisis on land use and transboundary freshwater resources. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14932-14937.	7.1	82
24	Bridging the information gap: A webGIS tool for rural electrification in data-scarce regions. <i>Applied Energy</i> , 2016, 171, 277-286.	10.1	28
25	TopREML: a topological restricted maximum likelihood approach to regionalize trended runoff signatures in stream networks. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2925-2942.	4.9	20
26	Analytical model for flow duration curves in seasonally dry climates. <i>Water Resources Research</i> , 2014, 50, 5510-5531.	4.2	67
27	Bias adjustment of satellite rainfall data through stochastic modeling: Methods development and application to Nepal. <i>Advances in Water Resources</i> , 2013, 60, 121-134.	3.8	65