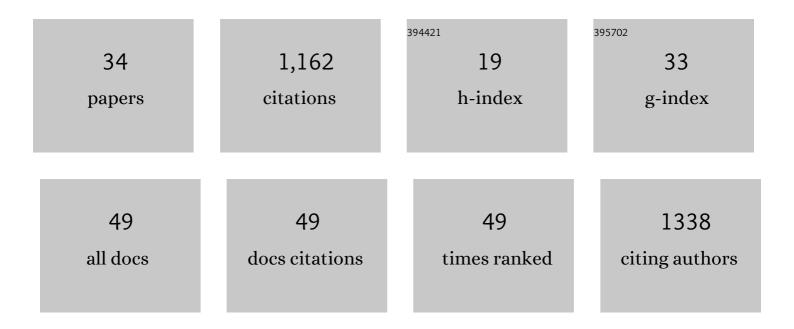
Sean W D Turner

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Simulation of hydropower at subcontinental to global scales: a state-of-the-art review. Environmental Research Letters, 2022, 17, 023002.	5.2	16
2	ResOpsUS, a dataset of historical reservoir operations in the contiguous United States. Scientific Data, 2022, 9, 34.	5.3	18
3	The Role of Regional Connections in Planning for Future Power System Operations Under Climate Extremes. Earth's Future, 2022, 10, .	6.3	5
4	A multi-model framework for assessing long- and short-term climate influences on the electric grid. Applied Energy, 2022, 317, 119193.	10.1	7
5	A simple drought risk analysis procedure to supplement water resources management planning in England and Wales. Water and Environment Journal, 2021, 35, 417-424.	2.2	0
6	mosartwmpy: A Python implementation of the MOSART-WM coupled hydrologic routing and water management model. Journal of Open Source Software, 2021, 6, 3221.	4.6	2
7	Time to Use Dendrohydrological Data in Water Resources Management?. Journal of Water Resources Planning and Management - ASCE, 2021, 147, .	2.6	6
8	A multi-reservoir model for projecting drought impacts on thermoelectric disruption risk across the Texas power grid. Energy, 2021, 231, 120892.	8.8	5
9	Water storage and release policies for all large reservoirs of conterminous United States. Journal of Hydrology, 2021, 603, 126843.	5.4	17
10	gamut: A Geospatial R Package to Analyze Multisectoral Urban Teleconnections. Journal of Open Source Software, 2021, 6, 3383.	4.6	1
11	Comparison of potential drinking water source contamination across one hundred U.S. cities. Nature Communications, 2021, 12, 7254.	12.8	33
12	Humans drive future water scarcity changes across all Shared Socioeconomic Pathways. Environmental Research Letters, 2020, 15, 014007.	5.2	50
13	Coherent Streamflow Variability in Monsoon Asia Over the Past Eight Centuries—Links to Oceanic Drivers. Water Resources Research, 2020, 56, e2020WR027883.	4.2	18
14	Impact of climate change on water availability and its propagation through the Western U.S. power grid. Applied Energy, 2020, 276, 115467.	10.1	38
15	Dataâ€Driven Reservoir Simulation in a Largeâ€Scale Hydrological and Water Resource Model. Water Resources Research, 2020, 56, e2020WR027902.	4.2	28
16	Inferred inflow forecast horizons guiding reservoir release decisions across the United States. Hydrology and Earth System Sciences, 2020, 24, 1275-1291.	4.9	33
17	Influence of Groundwater Extraction Costs and Resource Depletion Limits on Simulated Global Nonrenewable Water Withdrawals Over the Twentyâ€First Century. Earth's Future, 2019, 7, 123-135.	6.3	61
18	A pathway of global food supply adaptation in a world with increasingly constrained groundwater. Science of the Total Environment, 2019, 673, 165-176.	8.0	37

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#	Article	IF	CITATIONS
19	Climate impacts on hydropower in Colombia: A multi-model assessment of power sector adaptation pathways. Energy Policy, 2019, 128, 179-188.	8.8	51
20	Compound climate events transform electrical power shortfall risk in the Pacific Northwest. Nature Communications, 2019, 10, 8.	12.8	120
21	<i>gcamdata</i> : An R Package for Preparation, Synthesis, andÂTracking of Input Data for the GCAM Integrated Human-Earth Systems Model. Journal of Open Research Software, 2019, 7, 6.	5.9	17
22	A Global Hydrologic Framework to Accelerate Scientific Discovery. Journal of Open Research Software, 2019, 7, 1.	5.9	18
23	Regional responses to future, demand-driven water scarcity. Environmental Research Letters, 2018, 13, 094006.	5.2	30
24	Interactions between climate change mitigation and adaptation: The case of hydropower in Brazil. Energy, 2018, 164, 1161-1177.	8.8	45
25	Examining global electricity supply vulnerability to climate change using a high-fidelity hydropower dam model. Science of the Total Environment, 2017, 590-591, 663-675.	8.0	101
26	Climate impacts on hydropower and consequences for global electricity supply investment needs. Energy, 2017, 141, 2081-2090.	8.8	108
27	Complex relationship between seasonal streamflow forecast skill and value in reservoir operations. Hydrology and Earth System Sciences, 2017, 21, 4841-4859.	4.9	85
28	Influence of El Niño Southern Oscillation on global hydropower production. Environmental Research Letters, 2017, 12, 034010.	5.2	43
29	Risk-based water resources planning in England and Wales: challenges in execution and implementation. Urban Water Journal, 2016, 13, 182-197.	2.1	13
30	The method of producing climate change datasets impacts the resulting policy guidance and chance of mal-adaptation. Climate Services, 2016, 4, 13-29.	2.5	21
31	Regimeâ€shifting streamflow processes: Implications for water supply reservoir operations. Water Resources Research, 2016, 52, 3984-4002.	4.2	28
32	Water supply sensitivity to climate change: An R package for implementing reservoir storage analysis in global and regional impact studies. Environmental Modelling and Software, 2016, 76, 13-19.	4.5	51
33	Industry views on water resources planning methods - prospects for change in England and Wales. Water and Environment Journal, 2015, 29, 161-168.	2.2	1
34	Linking climate projections to performance: A yieldâ€based decision scaling assessment of a large urban water resources system. Water Resources Research, 2014, 50, 3553-3567.	4.2	54