

Barnaby A Dobson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2466012/publications.pdf>

Version: 2024-02-01

16
papers

219
citations

1307594

7
h-index

1058476

14
g-index

25
all docs

25
docs citations

25
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	An argument-driven classification and comparison of reservoir operation optimization methods. <i>Advances in Water Resources</i> , 2019, 128, 74-86.	3.8	65
2	The Spatial Dynamics of Droughts and Water Scarcity in England and Wales. <i>Water Resources Research</i> , 2020, 56, e2020WR027187.	4.2	31
3	Integrated Modelling to Support Analysis of COVID-19 Impacts on London's Water System and In-river Water Quality. <i>Frontiers in Water</i> , 2021, 3, .	2.3	18
4	How Important Are Model Structural and Contextual Uncertainties when Estimating the Optimized Performance of Water Resource Systems?. <i>Water Resources Research</i> , 2019, 55, 2170-2193.	4.2	15
5	Protecting rivers by integrating supply-wastewater infrastructure planning and coordinating operational decisions. <i>Environmental Research Letters</i> , 2020, 15, 114025.	5.2	13
6	An Integrated Framework for Risk-Based Analysis of Economic Impacts of Drought and Water Scarcity in England and Wales. <i>Water Resources Research</i> , 2021, 57, e2020WR027715.	4.2	12
7	Spatio-temporal distribution and agroecological factors associated with canine leptospirosis in Great Britain. <i>Preventive Veterinary Medicine</i> , 2021, 193, 105407.	1.9	11
8	Managing groundwater supplies subject to drought: perspectives on current status and future priorities from England (UK). <i>Hydrogeology Journal</i> , 2021, 29, 921-924.	2.1	9
9	Effects of flood hazard visualization format on house purchasing decisions. <i>Urban Water Journal</i> , 2018, 15, 671-681.	2.1	8
10	Use of Reservoir Operation Optimization Methods in Practice: Insights from a Survey of Water Resource Managers. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	2.6	8
11	Water neutrality framework for systemic design of new urban developments. <i>Water Research</i> , 2022, 219, 118583.	11.3	7
12	Hierarchical systems integration for coordinated urban-rural water quality management at a catchment scale. <i>Science of the Total Environment</i> , 2022, 806, 150642.	8.0	5
13	Predicting catchment suitability for biodiversity at national scales. <i>Water Research</i> , 2022, 221, 118764.	11.3	5
14	A Reduced Complexity Model With Graph Partitioning for Rapid Hydraulic Assessment of Sewer Networks. <i>Water Resources Research</i> , 2022, 58, .	4.2	4
15	The Value of Aggregated City Scale Models to Rapidly Assess SuDS in Combined Sewer Systems. <i>Frontiers in Water</i> , 2022, 3, .	2.3	3
16	A method for adjusting design storm peakedness to reduce bias in hydraulic simulations. <i>Water Management</i> , 2023, 176, 1-13.	1.2	2