

David E Rosenberg

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,287
citations

430874

18
h-index

361022

35
g-index

50
all docs

50
docs citations

50
times ranked

1538
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydro-economic models: Concepts, design, applications, and future prospects. Journal of Hydrology, 2009, 375, 627-643.	5.4	538
2	Assessing data availability and research reproducibility in hydrology and water resources. Scientific Data, 2019, 6, 190030.	5.3	56
3	Heterogeneous Residential Water and Energy Linkages and Implications for Conservation and Management. Journal of Water Resources Planning and Management - ASCE, 2014, 140, 288-297.	2.6	55
4	Modeling integrated water user decisions in intermittent supply systems. Water Resources Research, 2007, 43, .	4.2	50
5	New Policy to Specify Availability of Data, Models, and Code. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 01618001.	2.6	40
6	Intermittent water supplies: challenges and opportunities for residential water users in Jordan. Water International, 2008, 33, 488-504.	1.0	35
7	Modeling Integrated Decisions for a Municipal Water System with Recourse and Uncertainties: Amman, Jordan. Water Resources Management, 2009, 23, 85-115.	3.9	35
8	Water management with water conservation, infrastructure expansions, and source variability in Jordan. Water Resources Research, 2008, 44, .	4.2	34
9	Estimating and Verifying United States Householdsâ€™ Potential to Conserve Water. Journal of Water Resources Planning and Management - ASCE, 2012, 138, 299-306.	2.6	33
10	Measuring water use, conservation, and differences by gender using an inexpensive, high frequency metering system. Environmental Modelling and Software, 2017, 96, 83-94.	4.5	33
11	<scp>iSAW</scp>: Integrating Structure, Actors, and Water to study socioâ€™hydroâ€™ecological systems. Earth's Future, 2015, 3, 110-132.	6.3	31
12	40-years of Lake Urmia restoration research: Review, synthesis and next steps. Science of the Total Environment, 2022, 832, 155055.	8.0	29
13	Probabilistic Estimation of Water Conservation Effectiveness. Journal of Water Resources Planning and Management - ASCE, 2007, 133, 39-49.	2.6	24
14	Water Resources Systems Analysis: A Bright Past and a Challenging but Promising Future. Journal of Water Resources Planning and Management - ASCE, 2014, 140, 407-409.	2.6	24
15	Shades of grey: A critical review of grey-number optimization. Engineering Optimization, 2009, 41, 573-592.	2.6	23
16	Residential Water Demand under Alternative Rate Structures: Simulation Approach. Journal of Water Resources Planning and Management - ASCE, 2010, 136, 395-402.	2.6	20
17	A decision tree model to estimate the value of information provided by a groundwater quality monitoring network. Hydrology and Earth System Sciences, 2013, 17, 1797-1807.	4.9	19
18	The Next Frontier: Making Research More Reproducible. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	2.6	19

#	ARTICLE	IF	CITATIONS
19	Managing Lake Urmia, Iran for diverse restoration objectives: Moving beyond a uniform target lake level. <i>Journal of Hydrology: Regional Studies</i> , 2021, 35, 100812.	2.4	19
20	Blended near-€optimal alternative generation, visualization, and interaction for water resources decision making. <i>Water Resources Research</i> , 2015, 51, 2047-2063.	4.2	18
21	Prioritizing Stream Barrier Removal to Maximize Connected Aquatic Habitat and Minimize Water Scarcity. <i>Journal of the American Water Resources Association</i> , 2019, 55, 382-400.	2.4	15
22	Systems modeling to improve the hydro-ecological performance of diked wetlands. <i>Water Resources Research</i> , 2016, 52, 7070-7085.	4.2	13
23	Land-use system modeling and analysis of shaded cacao production in Belize. <i>Agroforestry Systems</i> , 2005, 64, 117-129.	2.0	10
24	A data model to manage data for water resources systems modeling. <i>Environmental Modelling and Software</i> , 2019, 115, 113-127.	4.5	10
25	Quantitative Assessment of Contested Water Uses and Management in the Conflict-Torn Yarmouk River Basin. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	2.6	10
26	Urban agriculture and small farm water use: Case studies and trends from Cache Valley, Utah. <i>Agricultural Water Management</i> , 2019, 213, 24-35.	5.6	9
27	Reproducible Results Policy. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021, 147, .	2.6	9
28	Value Landscape Engineering: Identifying Costs, Water Use, Labor, and Impacts to Support Landscape Choice1. <i>Journal of the American Water Resources Association</i> , 2011, 47, 635-649.	2.4	7
29	Simple Optimization Method to Determine Best Management Practices to Reduce Phosphorus Loading in Echo Reservoir, Utah. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2013, 139, 122-125.	2.6	7
30	An open-source data manager for network models. <i>Environmental Modelling and Software</i> , 2019, 122, 104538.	4.5	6
31	Integrated water resources management and modeling at multiple spatial scales in Jordan. <i>Water Policy</i> , 2009, 11, 615-628.	1.5	5
32	More Integrated Formal Education and Practice in Water Resources Systems Analysis. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, 02517001.	2.6	5
33	Promoting In-Stream Flows in the Changing Western US. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	2.6	5
34	Systems modeling to improve river, riparian, and wetland habitat quality and area. <i>Environmental Modelling and Software</i> , 2020, 126, 104643.	4.5	5
35	Sustaining outcomes research in residential treatment: A 15-year study of the Gould Farm program.. <i>Psychological Services</i> , 2019, 16, 675-686.	1.5	5
36	Agent-Based Model to Manage Household Water Use Through Social-Environmental Strategies of Encouragement and Peer Pressure. <i>Earth's Future</i> , 0, , .	6.3	5

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37	An interoperable software ecosystem to store, visualize, and publish water resources systems modelling data. Environmental Modelling and Software, 2022, 151, 105371.	4.5	4
38	Derived Operating Rules for Allocating Recharges and Withdrawals among Unconnected Aquifers. Journal of Water Resources Planning and Management - ASCE, 2006, 132, 25-34.	2.6	3
39	Raising the Dead without a Red Sea-Dead Sea project? Hydro-economics and governance. Hydrology and Earth System Sciences, 2011, 15, 1243-1255.	4.9	3
40	Water End-Use Disaggregation for Six Nonresidential Facilities in Logan, Utah. Journal of Water Resources Planning and Management - ASCE, 2021, 147, .	2.6	3
41	Training Water Resources Systems Engineers to Communicate: Acting on Observations from On-the-Job Practitioners. Journal of Professional Issues in Engineering Education and Practice, 2019, 145, 04019012.	0.9	2
42	Adapt Lake Mead Releases to Inflow to Give Managers More Flexibility to Slow Reservoir Drawdown. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	2
43	Water management with wastewater treatment and reuse, desalination, and conveyance to counteract future water shortages in the Gaza Strip. International Journal of Water Resources and Environmental Engineering, 2011, 3, .	0.5	1
44	Invest in Farm Water Conservation to Curtail Buy and Dry. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	1
45	Ranchers Adapting to Climate Variability in the Upper Colorado River Basin, Utah. Climate, 2020, 8, 96.	2.8	0
46	Evaluating Storage Carryover in the Weber River Basin Using the Water Evaluation and Planning (WEAP) System. , 2013, , 102-113.		0