

Daniel P Loucks

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,998
citations

448610

19
h-index

388640

36
g-index

60
all docs

60
docs citations

60
times ranked

2848
citing authors

#	ARTICLE	IF	CITATIONS
1	Meeting Climate Change Challenges: Searching for More Adaptive and Innovative Decisions. <i>Water Resources Management</i> , 2023, 37, 2235-2245.	1.9	10
2	An open source reservoir and sediment simulation framework for identifying and evaluating siting, design, and operation alternatives. <i>Environmental Modelling and Software</i> , 2021, 136, 104947.	1.9	13
3	Science Informed Policies for Managing Water. <i>Hydrology</i> , 2021, 8, 66.	1.3	4
4	A tribute to Professor Hojjat Adeli on this 35th anniversary. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2020, 35, 771-772.	6.3	0
5	From Analyses to Implementation and Innovation. <i>Water (Switzerland)</i> , 2020, 12, 974.	1.2	9
6	Developed river deltas: are they sustainable?. <i>Environmental Research Letters</i> , 2019, 14, 113004.	2.2	42
7	Balancing Hydropower Development and Ecological Impacts in the Mekong: Tradeoffs for Sambor Mega Dam. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2019, 145, .	1.3	56
8	Managing Water as a Critical Component of a Changing World. <i>Water Resources Management</i> , 2017, 31, 2905-2916.	1.9	24
9	Maintaining Sediment Flows through Hydropower Dams in the Mekong River Basin. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016, 142, .	1.3	41
10	Debatesâ€”Perspectives on socioâ€”hydrology: Simulating hydrologicâ€”human interactions. <i>Water Resources Research</i> , 2015, 51, 4789-4794.	1.7	63
11	Water management: Current and future challenges and research directions. <i>Water Resources Research</i> , 2015, 51, 4823-4839.	1.7	663
12	Social Responses to Water Management Decisions. <i>Environmental Processes</i> , 2015, 2, 485-509.	1.7	64
13	Managing flow, sediment, and hydropower regimes in the Sre Pok, Se San, and Se Kong Rivers of the Mekong basin. <i>Water Resources Research</i> , 2014, 50, 5141-5157.	1.7	73
14	Artificial Neural Network Models of Watershed Nutrient Loading. <i>Water Resources Management</i> , 2012, 26, 2781-2797.	1.9	29
15	Managing water for life. <i>Frontiers of Environmental Science and Engineering</i> , 2012, 6, 255-264.	3.3	16
16	A computationally efficient open-source water resource system simulator â€” Application to London and the Thames Basin. <i>Environmental Modelling and Software</i> , 2011, 26, 1599-1610.	1.9	52
17	Educating Future Water Resources Managers. <i>Journal of Contemporary Water Research and Education</i> , 2008, 139, 17-22.	0.7	11
18	Private and Public Responses to Flood Risks. <i>International Journal of Water Resources Development</i> , 2008, 24, 541-553.	1.2	28

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19	Forecasting 3-D fish movement behavior using a Eulerian“Lagrangian”agent method (ELAM). Ecological Modelling, 2006, 192, 197-223.	1.2	143
20	Individual and Societal Responses to Natural Hazards. Journal of Water Resources Planning and Management - ASCE, 2006, 132, 315-319.	1.3	9
21	Coupling of Engineering and Biological Models for Ecosystem Analysis. Journal of Water Resources Planning and Management - ASCE, 2005, 131, 101-109.	1.3	13
22	Flood management options for The Netherlands. International Journal of River Basin Management, 2004, 2, 101-112.	1.5	27
23	Developing habitat suitability criteria for water management: A case study. International Journal of River Basin Management, 2003, 1, 283-295.	1.5	5
24	Managing America's rivers: Who's doing it?. International Journal of River Basin Management, 2003, 1, 21-31.	1.5	28
25	Quantifying and Communicating Model Uncertainty for Decisionmaking in the Everglades. , 2003, , 40.		4
26	Bringing actors together around large-scale water systems: Participatory modeling and other innovations. Knowledge, Technology and Policy: the International Journal of Knowledge Transfer and Utilization, 2002, 14, 94-108.	0.5	34
27	Simulating Mobile Populations in Aquatic Ecosystems. Journal of Water Resources Planning and Management - ASCE, 2001, 127, 386-393.	1.3	17
28	Achieving a Concensus in the Restoration of the Everglades: A Challenge for Shared Vision Modelers. , 2000, , 1.		3
29	Modeling the biophysical and social dynamics of a “River of Grass”™: a challenge for hydroinformatics. Journal of Hydroinformatics, 2000, 2, 207-217.	1.1	2
30	Computer-Assisted Negotiations of Water Resources Conflicts. Group Decision and Negotiation, 1998, 7, 109-129.	2.0	58
31	Quantifying trends in system sustainability. Hydrological Sciences Journal, 1997, 42, 513-530.	1.2	291
32	DEVELOPING AND IMPLEMENTING DECISION SUPPORT SYSTEMS: A CRITIQUE AND A CHALLENGE. Journal of the American Water Resources Association, 1995, 31, 571-582.	1.0	76
33	Sustainability implications for water resources planning and management. Natural Resources Forum, 1994, 18, 263-274.	1.8	9
34	COMPUTER ASSISTED NEGOTIATION OF MULTIOBJECTIVE WATER RESOURCES CONFLICTS. Journal of the American Water Resources Association, 1992, 28, 163-177.	1.0	59
35	Multiobjective Assessment of Multipurpose Water Resources Projects for Developing Countries. Natural Resources Forum, 1986, 10, 61-75.	1.8	6
36	Research in Water Resources and Environmental Systems Modeling Some Historical Perspectives, Current Issues, and Future Directions. Natural Resources Forum, 1984, 8, 219-240.	1.8	7

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37	A MULTILEVEL MODEL AND ALGORITHM FOR SOME MULTIOBJECTIVE PROBLEMS. Journal of the American Water Resources Association, 1981, 17, 448-453.	1.0	4