Daniel P Loucks

List of Publications by Year
in descending order

37 papers	1,998 citations	394390 19 h-index	345203 36 g-index
60 all docs	60 docs citations	60 times ranked	2555 citing authors

#	Article	IF	Citations
1	Meeting Climate Change Challenges: Searching for More Adaptive and Innovative Decisions. Water Resources Management, 2023, 37, 2235-2245.	3.9	10
2	An open source reservoir and sediment simulation framework for identifying and evaluating siting, design, and operation alternatives. Environmental Modelling and Software, 2021, 136, 104947.	4.5	13
3	Science Informed Policies for Managing Water. Hydrology, 2021, 8, 66.	3.0	4
4	A tribute to Professor Hojjat Adeli on this 35th anniversary. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 771-772.	9.8	0
5	From Analyses to Implementation and Innovation. Water (Switzerland), 2020, 12, 974.	2.7	9
6	Developed river deltas: are they sustainable?. Environmental Research Letters, 2019, 14, 113004.	5.2	42
7	Balancing Hydropower Development and Ecological Impacts in the Mekong: Tradeoffs for Sambor Mega Dam. Journal of Water Resources Planning and Management - ASCE, 2019, 145, .	2.6	56
8	Managing Water as a Critical Component of a Changing World. Water Resources Management, 2017, 31, 2905-2916.	3.9	24
9	Maintaining Sediment Flows through Hydropower Dams in the Mekong River Basin. Journal of Water Resources Planning and Management - ASCE, 2016, 142, .	2.6	41
10	Debatesâ€"Perspectives on socioâ€hydrology: Simulating hydrologicâ€human interactions. Water Resources Research, 2015, 51, 4789-4794.	4.2	63
11	Water management: Current and future challenges and research directions. Water Resources Research, 2015, 51, 4823-4839.	4.2	663
12	Social Responses to Water Management Decisions. Environmental Processes, 2015, 2, 485-509.	3.5	64
13	Managing flow, sediment, and hydropower regimes in the Sre Pok, Se San, and Se Kong Rivers of the Mekong basin. Water Resources Research, 2014, 50, 5141-5157.	4.2	73
14	Artificial Neural Network Models of Watershed Nutrient Loading. Water Resources Management, 2012, 26, 2781-2797.	3.9	29
15	Managing water for life. Frontiers of Environmental Science and Engineering, 2012, 6, 255-264.	6.0	16
16	A computationally efficient open-source water resource system simulator â€" Application to London and the Thames Basin. Environmental Modelling and Software, 2011, 26, 1599-1610.	4.5	52
17	Educating Future Water Resources Managers. Journal of Contemporary Water Research and Education, 2008, 139, 17-22.	0.7	11
18	Private and Public Responses to Flood Risks. International Journal of Water Resources Development, 2008, 24, 541-553.	2.0	28

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19	Forecasting 3-D fish movement behavior using a Eulerianâ€"Lagrangianâ€"agent method (ELAM). Ecological Modelling, 2006, 192, 197-223.	2.5	143
20	Individual and Societal Responses to Natural Hazards. Journal of Water Resources Planning and Management - ASCE, 2006, 132, 315-319.	2.6	9
21	Coupling of Engineering and Biological Models for Ecosystem Analysis. Journal of Water Resources Planning and Management - ASCE, 2005, 131, 101-109.	2.6	13
22	Flood management options for The Netherlands. International Journal of River Basin Management, 2004, 2, 101-112.	2.7	27
23	Developing habitat suitability criteria for water management: A case study. International Journal of River Basin Management, 2003, 1, 283-295.	2.7	5
24	Managing America's rivers: Who's doing it?. International Journal of River Basin Management, 2003, 1, 21-31.	2.7	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.	2.6	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 â€˜River of Grassâ€™: a challenge for hydroinformatics. Journal of Hydroinformatics, 2000, 2, 207-217.	2.4	2
30	Computer-Assisted Negotiations of Water Resources Conflicts. Group Decision and Negotiation, 1998, 7, 109-129.	3.3	58
31	Quantifying trends in system sustainability. Hydrological Sciences Journal, 1997, 42, 513-530.	2.6	291
32	DEVELOPING AND IMPLEMENTING DECISION SUPPORT SYSTEMS: A CRITIQUE AND A CHALLENGE. Journal of the American Water Resources Association, 1995, 31, 571-582.	2.4	76
33	Sustainability implications for water resources planning and management. Natural Resources Forum, 1994, 18, 263-274.	3.6	9
34	COMPUTER ASSISTED NEGOTIATION OF MULTIOBJECTIVE WATER RESOURCES CONFLICTS. Journal of the American Water Resources Association, 1992, 28, 163-177.	2.4	59
35	Multiobjective Assessment of Multipurpose Water Resources Projects for Developing Countries. Natural Resources Forum, 1986, 10, 61-75.	3.6	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.	3.6	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.	2.4	4