Alcigeimes Batista Celeste

List of Publications by Year
in descending order

31	393	1039406	752256
papers	citations	9	20
		h-index	g-index

31	31	31	317
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic reservoir operation with data-driven modeling and inflow forecasting. Journal of Applied Water Engineering and Research, 2022, 10, 212-223.	1.0	1
2	A Mixed-Integer Linear Optimization Model for Reservoir Sizing Incorporating Performance Measures: Deterministic and Stochastic Frameworks. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	1.3	0
3	Optimum contribution for mate selection in Santa Inês sheep. Revista Brasileira De Zootecnia, 2021, 50, .	0.3	0
4	Influence of Inflow Nonstationarity on the Multipurpose Optimal Operation of Hydropower Plants Using Nonlinear Programming. Water Resources Management, 2021, 35, 2343-2367.	1.9	4
5	Using Inflow Records to Approximate Solutions to Statistical Moment Equations of an Explicit Stochastic Reservoir Optimization Method. Journal of Water Resources Planning and Management - ASCE, 2021, 147, .	1.3	2
6	New Considerations for a Reservoir Capacity Optimizer That Accounts for Failure Risks. Journal of Water Resources Planning and Management - ASCE, 2020, 146, 06020003.	1.3	2
7	ANNs and inflow forecast to aid stochastic optimization of reservoir operation. Journal of Applied Water Engineering and Research, 2019, 7, 314-323.	1.0	6
8	Rescaled range analysis of streamflow records in the São Francisco River Basin, Brazil. Theoretical and Applied Climatology, 2019, 135, 249-260.	1.3	8
9	Reservoir Operation by a New Evolutionary Algorithm: Kidney Algorithm. Water Resources Management, 2018, 32, 4681-4706.	1.9	42
10	Assessment of Stochastic Operation Optimization for Reservoirs of Contrasting Scales. Water Resources Management, 2018, 32, 3751-3763.	1.9	8
11	Performance evaluation of implicit stochastic reservoir operation optimization supported by long-term mean inflow forecast. Stochastic Environmental Research and Risk Assessment, 2017, 31, 2357-2364.	1.9	11
12	Simple simulation–optimisation vs SDP for reservoir operation. Water Management, 2017, 170, 128-138.	0.4	3
13	Operação de Reservatório Sergipano via Curvas-Guia Parametrizadas por Modelo de Simulação-Otimização. Scientia Cum Industria, 2016, 4, 154-160.	0.1	0
14	Managing spills in reservoir design optimisation models. Water Management, 2016, 169, 221-228.	0.4	2
15	Curvas-Guia Operacionais de Reservatório Sergipano Derivadas por Otimização Estocástica Implícita e Regressão Não Linear. Scientia Cum Industria, 2016, 4, 32-37.	0.1	2
16	OTIMIZAÇÃO ESTOCÁSTICA DINÂMICA E IMPLÍCITA PARA OPERAÇÃO DE RESERVATÓRIO: ESTUDO DE CASO EM SERGIPE. Ciência E Natura, 2016, 38, .	0.0	0
17	Reservoir Design Optimization Incorporating Performance Indices. Water Resources Management, 2015, 29, 4305-4318.	1.9	3
18	Avaliação de estratégias de modelagem guiada por dados para previsão de vazão em rio sergipano. Revista Ambiente & Água, 2014, 9, .	0.1	1

#	Article	IF	Citations
19	AVALIAÇÃƒO DE ALGORITMOS DE OTIMIZAÇÃƒO E FUNÇÃ•ES OBJETIVO PARA CALIBRAÇÃƒO AUTOMÃTICA DO MODELO CHUVA-VAZÃƒO TANK MODEL. CiÃªncia E Natura, 2014, 36, .	0.0	0
20	Improving Implicit Stochastic Reservoir Optimization Models with Long-Term Mean Inflow Forecast. Water Resources Management, 2012, 26, 2443-2451.	1.9	25
21	The Role of Spill and Evaporation in Reservoir Optimization Models. Water Resources Management, 2010, 24, 617-628.	1.9	25
22	Implicit Stochastic Optimization for deriving reservoir operating rules in semiarid Brazil. Pesquisa Operacional, 2009, 29, 223-234.	0.1	20
23	Evaluation of stochastic reservoir operation optimization models. Advances in Water Resources, 2009, 32, 1429-1443.	1.7	170
24	Integrating Long- and Short-Term Reservoir Operation Models via Stochastic and Deterministic Optimization: Case Study in Japan. Journal of Water Resources Planning and Management - ASCE, 2008, 134, 440-448.	1.3	26
25	SYNTHETIC GENERATION OF MONTHLY RESERVOIR INFLOWS BY AN INPUT DELAYED NEURAL NETWORK. Proceedings of Hydraulic Engineering, 2007, 51, 85-90.	0.0	1
26	USE OF MONTE CARLO OPTIMIZATION AND ARTIFICIAL NEURAL NETWORKS FOR DERIVING RESERVOIR OPERATING RULES. Proceedings of Hydraulic Engineering, 2006, 50, 25-30.	0.0	7
27	DERIVATION OF RESERVOIR OPERATING RULES BY IMPLICIT STOCHASTIC OPTIMIZATION. Proceedings of Hydraulic Engineering, 2005, 49, 1111-1116.	0.0	3
28	Genetic algorithms for real-time operation of multipurpose water resource systems. Journal of Hydroinformatics, 2004, 6, 19-38.	1.1	11
29	STOCHASTIC GENERATION OF INFLOW SCENARIOS TO BE USED BY OPTIMAL RESERVOIR OPERATION MODELS. Proceedings of Hydraulic Engineering, 2004, 48, 451-456.	0.0	10
30	AN OPTIMIZATION MODEL FOR THE OPERATION OF A WATER RESOURCE SYSTEM USING QUADRATIC PROGRAMMING. Proceedings of Hydraulic Engineering, 2003, 47, 373-378.	0.0	0
31	GA-BASED NONLINEAR OPTIMIZATION FOR REAL-TIME RESERVOIR OPERATION. , 2002, , .		0