

Luisa Fernanda Ribeiro Reis

List of Publications by Citations

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26

papers

472

citations

11

h-index

21

g-index

30

ext. papers

532

ext. citations

2

avg, IF

3.54

L-index

#	Paper	IF	Citations
26	Optimal Location of Control Valves in Pipe Networks by Genetic Algorithm. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1997 , 123, 317-326	2.8	82
25	Analysis of PVC Pipe-Wall Viscoelasticity during Water Hammer. <i>Journal of Hydraulic Engineering</i> , 2008 , 134, 1389-1394	1.8	80
24	Leak detection by inverse transient analysis in an experimental PVC pipe system. <i>Journal of Hydroinformatics</i> , 2011 , 13, 153-166	2.6	57
23	Hybrid Water Demand Forecasting Model Associating Artificial Neural Network with Fourier Series. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2012 , 138, 245-256	2.8	42
22	Multi-Reservoir Operation Planning Using Hybrid Genetic Algorithm and Linear Programming (GA-LP): An Alternative Stochastic Approach. <i>Water Resources Management</i> , 2005 , 19, 831-848	3.7	37
21	Real-Time Multiobjective Optimization of Operation of Water Supply Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015 , 141, 04015011	2.8	36
20	Water Supply Reservoir Operation by Combined Genetic Algorithm Linear Programming (GA-LP) Approach. <i>Water Resources Management</i> , 2006 , 20, 227-255	3.7	34
19	Multiobjective Evolutionary Algorithms Applied to the Rehabilitation of a Water Distribution System: A Comparative Study. <i>Lecture Notes in Computer Science</i> , 2003 , 662-676	0.9	22
18	Evaluation of Chlorine Decay in Drinking Water Systems for Different Flow Conditions: From Theory to Practice. <i>Water Resources Management</i> , 2010 , 24, 815-834	3.7	21
17	Optimal Design of Water Distribution System by Multiobjective Evolutionary Methods. <i>Lecture Notes in Computer Science</i> , 2003 , 677-691	0.9	15
16	Sampling Design for Leak Detection in Water Distribution Networks. <i>Procedia Engineering</i> , 2017 , 186, 460-469		11
15	Incorporating Multi-event and Multi-site Data in the Calibration of SWMM. <i>Procedia Engineering</i> , 2014 , 70, 75-84		9
14	Feature Extraction in Pressure Signals for Leak Detection in Water Networks. <i>Procedia Engineering</i> , 2014 , 70, 688-697		8
13	Use of Metamodels in Real-Time Operation of Water Distribution Systems. <i>Procedia Engineering</i> , 2014 , 89, 449-456		6
12	Avaliaço do gerenciamento de resduos de servios de sade por meio de indicadores de desempenho. <i>Engenharia Sanitaria E Ambiental</i> , 2010 , 15, 167-176	0.4	4
11	Avaliaço das perdas fisicas de um setor da rede de abastecimento de gua de Campo Grande-MS via modelo inverso. <i>Engenharia Sanitaria E Ambiental</i> , 2004 , 9, 312-321	0.4	4
10	Calculating Flow in Manifold and Orifice System. <i>Journal of Environmental Engineering, ASCE</i> , 1992 , 118, 585-596	2	2

9	Maximum Design Flow Estimates for Large Basins Using the Local Frequency Analysis (LFA) and the Most Probable Maximum Hydrograph (MPMH) Methods – A Critical Analysis. <i>Water Resources Management</i> , 2017 , 31, 127-141	3.7	1
8	Multiobjective Automatic Calibration of the Storm Water Management Model (SWMM) Using Non-Dominated Sorting Genetic Algorithm II (NSGA-II) 2011 ,		1
7	Análises estatísticas, visuais e não paramétricas para a otimização do ajuste de curvas idf e construção de Bacos de projeto de obras hidráulicas: estudo de caso em São Carlos - SP 2020 , 69, 171-189	0.2	0
6	Closure to Analysis of PVC Pipe-Wall Viscoelasticity during Water Hammer by A. K. Soares, D. I. C. Covas, and L. F. R. Reis. <i>Journal of Hydraulic Engineering</i> , 2010 , 136, 548-550	1.8	
5	Closure to Optimal Location of Control Valves in Pipe Networks by Genetic Algorithm by L. F. R. Reis, R. M. Porto, and F. H. Chaudhry. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1999 , 125, 67-67	2.8	
4	Closure to Calculating Flow in Manifold and Orifice System by Fazal H. Chaudhry and Luisa F. R. Reis (July/August, 1992, Vol. 118, No. 4). <i>Journal of Environmental Engineering, ASCE</i> , 1993 , 119, 1000-1000		
3	Analysis of transient vaporous cavitation in polyethylene pipes 2009 , 307-310		
2	Effects of the pipe-wall rheological behaviour on hydraulic transient pressures 2009 , 57-60		
1	Avaliação da rugosidade relativa dos tubos de PVC com vistas ao dimensionamento das redes de distribuição de água. <i>Engenharia Sanitaria E Ambiental</i> , 2016 , 21, 347-355	0.4	