Irene FernÃ¡ndez GarcÃ-a

List of Publications by Year
in descending order

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21	517	858243	799663
papers	citations	12	21
		h-index	g-index

22	22	22	549
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maximizing Hydropower Generation in Gravity Water Distribution Networks: Determining the Optimal Location and Number of Pumps as Turbines. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	1.3	28
2	Trends and Challenges in Irrigation Scheduling in the Semi-Arid Area of Spain. Water (Switzerland), 2020, 12, 785.	1.2	52
3	Open source application for optimum irrigation and fertilization using reclaimed water in olive orchards. Computers and Electronics in Agriculture, 2020, 173, 105407.	3.7	11
4	Middleware to Operate Smart Photovoltaic Irrigation Systems in Real Time. Water (Switzerland), 2019, 11, 1508.	1.2	7
5	A Model for Selecting the Most Cost-Effective Pressure Control Device for More Sustainable Water Supply Networks. Water (Switzerland), 2019, 11, 1297.	1.2	33
6	REUTIVAR: Model for Precision Fertigation Scheduling for Olive Orchards Using Reclaimed Water. Water (Switzerland), 2019, 11, 2632.	1.2	6
7	Potential of Energy Recovery and Water Saving Using Micro-Hydropower in Rural Water Distribution Networks. Journal of Water Resources Planning and Management - ASCE, 2019, 145, .	1.3	20
8	Coupling irrigation scheduling with solar energy production in a smart irrigation management system. Journal of Cleaner Production, 2018, 175, 670-682.	4.6	86
9	Multi-Objective Optimization Model Based on Localized Loops for the Rehabilitation of Gravity-fed Pressurized Irrigation Networks. Water Resources Management, 2018, 32, 465-480.	1.9	7
10	Waterâ€“Energy Nexus in Irrigated Areas. Lessons From Real Case Studies. , 2018, , 41-59.		5
11	Optimal operation of pressurised irrigation distribution systems operating by gravity. Agricultural Water Management, 2017, 184, 77-85.	2.4	9
12	Optimal Design of Pressurized Irrigation Networks to Minimize the Operational Cost under Different Management Scenarios. Water Resources Management, 2017, 31, 1995-2010.	1.9	20
13	Semi-arranged demand as an energy saving measure for pressurized irrigation networks. Agricultural Water Management, 2017, 193, 22-29.	2.4	11
14	Multiplatform application for precision irrigation scheduling in strawberries. Agricultural Water Management, 2017, 183, 194-201.	2.4	30
15	Incorporating the Irrigation Demand Simultaneity in the Optimal Operation of Pressurized Networks with Several Water Supply Points. Water Resources Management, 2016, 30, 1085-1099.	1.9	4
16	Rehabilitating pressurized irrigation networks for an increased energy efficiency. Agricultural Water Management, 2016, 164, 212-222.	2.4	9
17	Energy cost optimization in pressurized irrigation networks. Irrigation Science, 2016, 34, 1-13.	1.3	30
18	Methodology for Detecting Critical Points in Pressurized Irrigation Networks with Multiple Water Supply Points. Water Resources Management, 2014, 28, 1095-1109.	1.9	16

#	Article	IF	Citations
19	Effects of modernization and medium term perspectives on water and energy use in irrigation districts. Agricultural Systems, 2014, 131, 56-63.	3.2	52
20	Optimum pumping station management for irrigation networks sectoring: Case of Bembezar MI (Spain). Agricultural Water Management, 2014, 144, 150-158.	2.4	41
21	Optimal Operation of Pressurized Irrigation Networks with Several Supply Sources. Water Resources Management, 2013, 27, 2855-2869.	1.9	38