

Jorge Garc a Morillo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

425
citations

777949

13
h-index

939365

18
g-index

19
all docs

19
docs citations

19
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Recovery Potential in Industrial and Municipal Wastewater Networks Using Micro-Hydropower in Spain. <i>Water (Switzerland)</i> , 2021, 13, 691.	1.2	13
2	Multi-Country Scale Assessment of Available Energy Recovery Potential Using Micro-Hydropower in Drinking, Pressurised Irrigation and Wastewater Networks, Covering Part of the EU. <i>Water (Switzerland)</i> , 2021, 13, 899.	1.2	19
3	Optimization-Based Methodology for Selection of Pump-as-Turbine in Water Distribution Networks: Effects of Different Objectives and Machine Operation Limits on Best Efficiency Point. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021, 147, .	1.3	18
4	Evaluation of the design and performance of a micro hydropower plant in a pressurised irrigation network: Real world application at farm-level in Southern Spain. <i>Renewable Energy</i> , 2021, 169, 1106-1120.	4.3	21
5	Open-Source Application for Water Supply System Management: Implementation in a Water Transmission System in Southern Spain. <i>Water (Switzerland)</i> , 2021, 13, 3652.	1.2	6
6	Hydropower energy recovery in irrigation networks: Validation of a methodology for flow prediction and pump as turbine selection. <i>Renewable Energy</i> , 2020, 147, 1728-1738.	4.3	39
7	Design and Implementation of a Pressure Monitoring System Based on IoT for Water Supply Networks. <i>Sensors</i> , 2020, 20, 4247.	2.1	26
8	Estimating regional potential for micro-hydropower energy recovery in irrigation networks on a large geographical scale. <i>Renewable Energy</i> , 2020, 155, 396-406.	4.3	16
9	Pump-as-Turbine Selection Methodology for Energy Recovery in Irrigation Networks: Minimising the Payback Period. <i>Water (Switzerland)</i> , 2019, 11, 149.	1.2	21
10	Hydro-power energy recovery in pressurized irrigation networks: A case study of an Irrigation District in the South of Spain. <i>Agricultural Water Management</i> , 2018, 204, 17-27.	2.4	34
11	Energy Saving Measures in Pressurized Irrigation Networks: A New Challenge for Power Generation. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	3
12	Water Footprint Accounting for Improving Irrigation Management in Olive Trees. , 2018, , 61-72.		4
13	Drip Irrigation Scheduling Using Hydrus 2â€œ Numerical Model Application for Strawberry Production in Southâ€œWest Spain. <i>Irrigation and Drainage</i> , 2017, 66, 797-807.	0.8	13
14	Influence of spatio temporal scales in crop water footprinting and water use management: Evidences from sugar beet production in Northern Spain. <i>Journal of Cleaner Production</i> , 2016, 139, 1485-1495.	4.6	20
15	Reducing Irrigation Inefficiencies in Water-Intensive Cropping: Evidence from Strawberry Production in South-West Spain. <i>Outlook on Agriculture</i> , 2015, 44, 93-96.	1.8	2
16	Toward precision irrigation for intensive strawberry cultivation. <i>Agricultural Water Management</i> , 2015, 151, 43-51.	2.4	50
17	Linking water footprint accounting with irrigation management in high value crops. <i>Journal of Cleaner Production</i> , 2015, 87, 594-602.	4.6	79
18	Determining Biophysical Parameters for Olive Trees Using CASIâ€œAirborne and Quickbirdâ€œSatellite Imagery. <i>Agronomy Journal</i> , 2011, 103, 644-654.	0.9	30

#	ARTICLE	IF	CITATIONS
19	BENCHMARKING IRRIGATION WATER USE IN GOLF COURSES “ A CASE STUDY IN SPAIN. Irrigation and Drainage, 2011, 60, 381-392.	0.8	11