

Francisco Javier SÃ¡nchez-Romero

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

719
citations

949033

11
h-index

721071

23
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26
all docs

26
docs citations

26
times ranked

574
citing authors

#	ARTICLE	IF	CITATIONS
1	A new optimization approach for the use of hybrid renewable systems in the search of the zero net energy consumption in water irrigation systems. <i>Renewable Energy</i> , 2022, 195, 853-871.	4.3	12
2	Improve leakage management to reach sustainable water supply networks through by green energy systems. Optimized case study. <i>Sustainable Cities and Society</i> , 2022, 83, 103994.	5.1	12
3	New Expressions to Apply the Variation Operation Strategy in Engineering Tools Using Pumps Working as Turbines. <i>Mathematics</i> , 2021, 9, 860.	1.1	11
4	Objectives, Keys and Results in the Water Networks to Reach the Sustainable Development Goals. <i>Water (Switzerland)</i> , 2021, 13, 1268.	1.2	10
5	Definition of the Operational Curves by Modification of the Affinity Laws to Improve the Simulation of PATs. <i>Water (Switzerland)</i> , 2021, 13, 1880.	1.2	15
6	Leakage Management and Pipe System Efficiency. Its Influence in the Improvement of the Efficiency Indexes. <i>Water (Switzerland)</i> , 2021, 13, 1909.	1.2	22
7	Optimization tool to improve the management of the leakages and recovered energy in irrigation water systems. <i>Agricultural Water Management</i> , 2021, 258, 107223.	2.4	7
8	Applied Strategy to Characterize the Energy Improvement Using PATs in a Water Supply System. <i>Water (Switzerland)</i> , 2020, 12, 1818.	1.2	12
9	Improved Planning of Energy Recovery in Water Systems Using a New Analytic Approach to PAT Performance Curves. <i>Water (Switzerland)</i> , 2020, 12, 468.	1.2	27
10	Modelo analítico para el cálculo de distribuciones de velocidad laterales en secciones tipo potencial-ley. <i>Ribagua</i> , 2018, 5, 29-47.	0.3	1
11	Comparison between Clément's First Formula and Other Statistical Distributions in A Real Irrigation Network. <i>Irrigation and Drainage</i> , 2018, 67, 429-440.	0.8	2
12	Durability of reinforced PVC-P geomembranes installed in reservoirs in eastern Spain. <i>Geosynthetics International</i> , 2018, 25, 85-97.	1.5	3
13	PATs selection towards sustainability in irrigation networks: Simulated annealing as a water management tool. <i>Renewable Energy</i> , 2018, 116, 234-249.	4.3	35
14	Energy Recovery in Existing Water Networks: Towards Greater Sustainability. <i>Water (Switzerland)</i> , 2017, 9, 97.	1.2	106
15	Optimization Strategy for Improving the Energy Efficiency of Irrigation Systems by Micro Hydropower: Practical Application. <i>Water (Switzerland)</i> , 2017, 9, 799.	1.2	20
16	Nexo agua-energía: optimización energética en sistemas de distribución. Aplicación Postravase Júcar-Vinalopó™ (España). <i>Tecnología Y Ciencias Del Agua</i> , 2017, 08, 19-36.	0.1	4
17	Huella energética del agua en función de los patrones de consumo en redes de distribución. <i>Ingeniería Del Agua</i> , 2017, 21, 197.	0.2	4
18	Calibrating a flow model in an irrigation network: Case study in Alicante, Spain. <i>Spanish Journal of Agricultural Research</i> , 2017, 15, e1202.	0.3	9

#	ARTICLE	IF	CITATIONS
19	Resistencia al fuego de pñrticos simples de acero a dos aguas. Informes De La Construccion, 2017, 69, 172.	0.1	0
20	Modeling Irrigation Networks for the Quantification of Potential Energy Recovering: A Case Study. Water (Switzerland), 2016, 8, 234.	1.2	48
21	Contribuci3n al estudio de espesores de soleras de hormig3n para cargas de estanterías mediante elementos finitos. Informes De La Construccion, 2016, 68, e154.	0.1	0
22	Implementation of a photovoltaic floating cover for irrigation reservoirs. Journal of Cleaner Production, 2014, 66, 568-570.	4.6	103
23	Theoretical and experimental analysis of a floating photovoltaic cover for water irrigation reservoirs. Energy, 2014, 67, 246-255.	4.5	102
24	A new photovoltaic floating cover system for water reservoirs. Renewable Energy, 2013, 60, 63-70.	4.3	153
25	Modular Spatial Structure Applied to a Single-Story Industrial Building. International Journal of Space Structures, 2009, 24, 37-44.	0.3	1