

# 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

840776

11  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

523  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new photovoltaic floating cover system for water reservoirs. <i>Renewable Energy</i> , 2013, 60, 63-70.	8.9	153
2	Energy Recovery in Existing Water Networks: Towards Greater Sustainability. <i>Water (Switzerland)</i> , 2017, 9, 97.	2.7	106
3	Implementation of a photovoltaic floating cover for irrigation reservoirs. <i>Journal of Cleaner Production</i> , 2014, 66, 568-570.	9.3	103
4	Theoretical and experimental analysis of a floating photovoltaic cover for water irrigation reservoirs. <i>Energy</i> , 2014, 67, 246-255.	8.8	102
5	Modeling Irrigation Networks for the Quantification of Potential Energy Recovering: A Case Study. <i>Water (Switzerland)</i> , 2016, 8, 234.	2.7	48
6	PATs selection towards sustainability in irrigation networks: Simulated annealing as a water management tool. <i>Renewable Energy</i> , 2018, 116, 234-249.	8.9	35
7	Improved Planning of Energy Recovery in Water Systems Using a New Analytic Approach to PAT Performance Curves. <i>Water (Switzerland)</i> , 2020, 12, 468.	2.7	27
8	Leakage Management and Pipe System Efficiency. Its Influence in the Improvement of the Efficiency Indexes. <i>Water (Switzerland)</i> , 2021, 13, 1909.	2.7	22
9	Optimization Strategy for Improving the Energy Efficiency of Irrigation Systems by Micro Hydropower: Practical Application. <i>Water (Switzerland)</i> , 2017, 9, 799.	2.7	20
10	Definition of the Operational Curves by Modification of the Affinity Laws to Improve the Simulation of PATs. <i>Water (Switzerland)</i> , 2021, 13, 1880.	2.7	15
11	Applied Strategy to Characterize the Energy Improvement Using PATs in a Water Supply System. <i>Water (Switzerland)</i> , 2020, 12, 1818.	2.7	12
12	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.	8.9	12
13	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.	10.4	12
14	New Expressions to Apply the Variation Operation Strategy in Engineering Tools Using Pumps Working as Turbines. <i>Mathematics</i> , 2021, 9, 860.	2.2	11
15	Objectives, Keys and Results in the Water Networks to Reach the Sustainable Development Goals. <i>Water (Switzerland)</i> , 2021, 13, 1268.	2.7	10
16	Calibrating a flow model in an irrigation network: Case study in Alicante, Spain. <i>Spanish Journal of Agricultural Research</i> , 2017, 15, e1202.	0.6	9
17	Optimization tool to improve the management of the leakages and recovered energy in irrigation water systems. <i>Agricultural Water Management</i> , 2021, 258, 107223.	5.6	7
18	Nexo agua-energía: optimización energética en sistemas de distribución. Aplicación en Postravase Júcar-Vinalopó™ (España). <i>Tecnología Y Ciencias Del Agua</i> , 2017, 08, 19-36.	0.3	4

#	ARTICLE	IF	CITATIONS
19	Huella energética del agua en función de los patrones de consumo en redes de distribución. Ingeniería Del Agua, 2017, 21, 197.	0.4	4
20	Durability of reinforced PVC-P geomembranes installed in reservoirs in eastern Spain. Geosynthetics International, 2018, 25, 85-97.	2.9	3
21	Comparison between Chi-squared's First Formula and Other Statistical Distributions in A Real Irrigation Network. Irrigation and Drainage, 2018, 67, 429-440.	1.7	2
22	Modular Spatial Structure Applied to a Single-Story Industrial Building. International Journal of Space Structures, 2009, 24, 37-44.	1.0	1
23	Modelo analítico para el cálculo de distribuciones de velocidad laterales en secciones tipo potencial-ley. Ribagua, 2018, 5, 29-47.	0.3	1
24	Contribución al estudio de espesores de soleras de hormigón para cargas de estanterías mediante elementos finitos. Informes De La Construcción, 2016, 68, e154.	0.3	0
25	Resistencia al fuego de puentes simples de acero a dos aguas. Informes De La Construcción, 2017, 69, 172.	0.3	0