

# Enrique Rosales Asensio

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

493  
citations

758635

12  
h-index

713013

21  
g-index

52  
all docs

52  
docs citations

52  
times ranked

589  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of Low-Medium Enthalpy Geothermal Energy. Green Energy and Technology, 2022, , .	0.4	0
2	Economic and Environmental Benefits of Geothermal Energy in Industrial Processes. Green Energy and Technology, 2022, , 91-160.	0.4	2
3	Water Energy Food Nexus Analysis and Management Tools: A Review. Energies, 2022, 15, 1146.	1.6	15
4	Stress Mitigation of Conventional Water Resources in Water-Scarce Areas Through the Use of Renewable Energy Powered Desalination Plants: An Application to the Canary Islands. Green Energy and Technology, 2022, , 137-153.	0.4	0
5	Photovoltaic Self-consumption and Net-Metering: Measures to Remove Economic Non-market Failure and Institutional Barriers that Restrict Their Use in Spain. Green Energy and Technology, 2022, , 63-83.	0.4	0
6	Review of Wind Energy Technology and Associated Market and Economic Conditions in Spain. Green Energy and Technology, 2022, , 45-62.	0.4	0
7	Surrogate Optimization of Coupled Energy Sources in a Desalination Microgrid Based on Solar PV and Wind Energy. Green Energy and Technology, 2022, , 85-117.	0.4	0
8	Sea Water Desalination in Microgrids. Green Energy and Technology, 2022, , .	0.4	1
9	Optimization of CSP Plants with Thermal Energy Storage for Electricity Price Stability in Spot Markets. Energies, 2022, 15, 1672.	1.6	9
10	Feasibility analysis of wind and solar powered desalination plants: An application to islands. Science of the Total Environment, 2021, 764, 142878.	3.9	22
11	Strategy to support renewable energy sources in Europe. , 2021, , 103-120.		3
12	Challenges for the optimum penetration of photovoltaic systems. , 2021, , 411-426.		0
13	Teaching Using Collaborative Research Projects: Experiences with Adult Learners in Distance Education. Sustainability, 2021, 13, 10437.	1.6	1
14	Analysis on the electric vehicle with a hybrid storage system and the use of Superconducting magnetic energy storage (SMES). Energy Reports, 2021, 7, 854-873.	2.5	19
15	Thermal desalination potential with parabolic trough collectors and geothermal energy in the Spanish southeast. Applied Energy, 2020, 262, 114433.	5.1	30
16	New improvements in existing combined-cycles: Exhaust gases treatment with amines and exhaust gas recirculation. Energy Reports, 2020, 6, 73-84.	2.5	3
17	Electric vehicle charging strategy to support renewable energy sources in Europe 2050 low-carbon scenario. Energy, 2019, 183, 61-74.	4.5	129
18	An expert judgement approach to determine measures to remove institutional barriers and economic non-market failures that restrict photovoltaic self-consumption deployment in Spain. Solar Energy, 2019, 180, 307-323.	2.9	23

#	ARTICLE	IF	CITATIONS
19	Technological improvements in energetic efficiency and sustainability in existing combined-cycle gas turbine (CCGT) power plants. Applied Energy, 2018, 223, 30-51.	5.1	20
20	Simulation of modeling of multi-megawatt photovoltaic plants with high voltage direct current grid integration. Solar Energy, 2018, 166, 28-41.	2.9	3
21	Legislative and economic aspects for the inclusion of energy reserve by a superconducting magnetic energy storage: Application to the case of the Spanish electrical system. Renewable and Sustainable Energy Reviews, 2018, 82, 2455-2470.	8.2	21
22	Sizing of Wind, Solar and Storage Facilities Associated to a Desalination Plant Using Stochastic Optimization. Advances in Intelligent Systems and Computing, 2018, , 172-183.	0.5	4
23	TEACHING SKILLS IN ICT IN TECHNICAL DEGREES: APPLICATION TO THE CASE OF THE UNIVERSITY OF LA LAGUNA. INTED Proceedings, 2018, , .	0.0	0
24	EDUCATIONAL QUALITY AND EVALUATION CRITERIA: THE UNIVERSITY OF LA LAGUNA CASE. INTED Proceedings, 2018, , .	0.0	0
25	Estimating the benefits of vehicle-to-home in islands: The case of the Canary Islands. Energy, 2017, 134, 311-322.	4.5	29
26	Evaluation of the Cost of Using Power Plant Reject Heat in Low-Temperature District Heating and Cooling Networks. , 2017, , 71-102.		0
27	Cogeneration and District Heating Networks: Measures to Remove Institutional and Financial Barriers that Restrict Their Joint Use in the EU-28. , 2017, , 31-54.		0
28	Reconciliation of Social Discount Rate and Private Finance Initiative: Application to District Heating Networks in the EU-28. , 2017, , 55-70.		0
29	RESEARCH AND EDUCATIONAL INNOVATION. EDULEARN Proceedings, 2017, , .	0.0	0
30	TEACHING INNOVATION AND USE OF ICT IN UNIVERSITY EDUCATION. EDULEARN Proceedings, 2017, , .	0.0	0
31	APPLICATION OF THE NEW PEDAGOGICAL MODEL OF THE EUROPEAN HIGHER EDUCATION AREA: EXPERIENCES OF THE CHEMICAL ENGINEERING DEGREE OF THE LA LAGUNA UNIVERSITY. , 2017, , .		0
32	STRATEGIES FOR INNOVATION AND REFORM IN LEARNING. , 2017, , .		0
33	Cogeneration and district heating networks: Measures to remove institutional and financial barriers that restrict their joint use in the EU-28. , 2016, , .		0
34	Evaluation of the cost of using power plant reject heat in low-temperature district heating and cooling networks. , 2016, , .		0
35	District heating and cogeneration in the EU-28: Current situation, potential and proposed energy strategy for its generalisation. Renewable and Sustainable Energy Reviews, 2016, 62, 621-639.	8.2	72
36	The geothermal potential in Spain. Renewable and Sustainable Energy Reviews, 2016, 56, 865-886.	8.2	23

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37	Evaluation of the cost of using power plant reject heat in low-temperature district heating and cooling networks. Applied Energy, 2016, 162, 892-907.	5.1	25
38	Reconciliation of social discount rates and private finance initiative. , 2016, , .		0
39	District heating and cogeneration in the EU-28: Current situation, potential and proposed energy strategy for its generalisation. Multidisciplinary Journal for Education, Social and Technological Sciences, 2016, 3, 107.	0.8	1
40	Cogeneration and district heating networks: Measures to remove institutional and financial barriers that restrict their joint use in the EU-28. Energy, 2015, 85, 403-414.	4.5	30