

M Socorro Garcia-Cascales

List of Publications by Year in descending order

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46
papers

1,880
citations

471061

17
h-index

329751

37
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47
all docs

47
docs citations

47
times ranked

1767
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy GIS-based MCDM solution for the optimal offshore wind site selection: The Gulf of Maine case. <i>Renewable Energy</i> , 2022, 153, 130-147.	4.3	41
2	Online Wind-Atlas Databases and GIS Tool Integration for Wind Resource Assessment: A Spanish Case Study. <i>Energies</i> , 2022, 15, 852.	1.6	2
3	Design of 3D Metric Geometry Study and Research Activities within a BIM Framework. <i>Mathematics</i> , 2022, 10, 1358.	1.1	1
4	Multifactorial Analysis to Determine the Applicability of Wind Power Technologies in Favorable Areas of the Colombian Territory. <i>Wind</i> , 2022, 2, 357-393.	0.6	2
5	Barriers behind the Retarded Shallow Geothermal Deployment in Specific Areas: A Comparative Case Study between Southern Spain and Germany. <i>Energies</i> , 2022, 15, 4596.	1.6	2
6	Urban Wind: An Alternative for Sustainable Cities. <i>Energies</i> , 2022, 15, 4759.	1.6	5
7	Spatial analysis of indicators affecting the exploitation of shallow geothermal energy at European scale. <i>Renewable Energy</i> , 2021, 167, 266-281.	4.3	25
8	Electric Vehicle and Renewable Energy Sources: Motor Fusion in the Energy Transition from a Multi-Indicator Perspective. <i>Sustainability</i> , 2021, 13, 3430.	1.6	14
9	MASTER TEACHING IN THE COVID 19 ERA: INTERACTIVE ACTIVITIES VS TRADITIONAL ACTIVITIES IN VIRTUAL ENVIRONMENTS. , 2021, , .		0
10	Evaluation of the Shallow Geothermal Potential for Heating and Cooling and Its Integration in the Socioeconomic Environment: A Case Study in the Region of Murcia, Spain. <i>Energies</i> , 2021, 14, 5740.	1.6	9
11	Multi-criteria analysis techniques to enhance sustainability of water pumping irrigation. <i>Energy Reports</i> , 2021, 7, 4623-4632.	2.5	4
12	Energy, economic and environmental GIS-based analysis of shallow geothermal potential in urban areas—A Spanish case example. <i>Sustainable Cities and Society</i> , 2021, 75, 103267.	5.1	14
13	A Multi-Factorial Review of Repowering Wind Generation Strategies. <i>Energies</i> , 2021, 14, 6280.	1.6	5
14	Analysis and Comparison of Energy Efficiency Code Requirements for Buildings: A Morocco–Spain Case Study. <i>Energies</i> , 2020, 13, 5979.	1.6	21
15	Shallow Geothermal Potential Impact on the Energy Transition. A Case Study Region of Murcia, Spain. , 2020, , .		3
16	Life Cycle Analysis with Multi-Criteria Decision Making: A review of approaches for the sustainability evaluation of renewable energy technologies. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 104, 343-366.	8.2	171
17	Net-Metering and Self-Consumption Analysis for Direct PV Groundwater Pumping in Agriculture: A Spanish Case Study. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1646.	1.3	4
18	Categorization and Analysis of Relevant Factors for Optimal Locations in Onshore and Offshore Wind Power Plants: A Taxonomic Review. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 391.	1.2	17

#	ARTICLE	IF	CITATIONS
19	Qualitative Analysis on Risk Assessment in Photovoltaic Installations: Case Study in the Dominican Republic. Lecture Notes in Management and Industrial Engineering, 2019, , 203-216.	0.3	0
20	Determination of the Optimal Size of Photovoltaic Systems by Using Multi-Criteria Decision-Making Methods. Sustainability, 2018, 10, 4594.	1.6	6
21	Selection of a fuzzy AHP-TOPSIS electrification system for an isolated rural area in southern MÃ©xico, , 2017, , .		1
22	Decision-Making for Risk Management in Sustainable Renewable Energy Facilities: A Case Study in the Dominican Republic. Sustainability, 2016, 8, 455.	1.6	48
23	Comparative TOPSIS-ELECTRE TRI methods for optimal sites for photovoltaic solar farms. Case study in Spain. Journal of Cleaner Production, 2016, 127, 387-398.	4.6	143
24	Obtaining the Decision Criteria and Evaluation of Optimal Sites for Renewable Energy Facilities Through a Decision Support System. Studies in Computational Intelligence, 2016, , 345-361.	0.7	1
25	The effects of photovoltaic electricity injection into microgrids: Combination of Geographical Information Systems, multicriteria decision methods and electronic control modeling. Energy Conversion and Management, 2015, 96, 89-99.	4.4	6
26	Environmental benefits of parking integrated photovoltaics: a 222â€‰kWp experience. Progress in Photovoltaics: Research and Applications, 2015, 23, 253-264.	4.4	7
27	Grid Stabilization Effect of Combined Electricity Generation from Wind and Photovoltaic Systems in Murcia, Spain. Advances in Environmental Engineering and Green Technologies Book Series, 2015, , 225-251.	0.3	0
28	GIS-based photovoltaic solar farms site selection using ELECTRE-TRI: Evaluating the case for Torre Pacheco, Murcia, Southeast of Spain. Renewable Energy, 2014, 66, 478-494.	4.3	184
29	Identification and selection of potential sites for onshore wind farms development in Region of Murcia, Spain. Energy, 2014, 73, 311-324.	4.5	80
30	Decision Criteria for Optimal Location of Wind Farms. Advances in Computational Intelligence and Robotics Book Series, 2014, , 199-215.	0.4	4
31	Geographical Information Systems (GIS) and Multi-Criteria Decision Making (MCDM) methods for the evaluation of solar farms locations: Case study in south-eastern Spain. Renewable and Sustainable Energy Reviews, 2013, 24, 544-556.	8.2	413
32	Decision Criteria for Optimal Location of Solar Plants: Photovoltaic and Thermoelectric. Green Energy and Technology, 2013, , 79-91.	0.4	7
33	Evaluation of photovoltaic cells in a multi-criteria decision making process. Annals of Operations Research, 2012, 199, 373-391.	2.6	69
34	The LTOPSIS: An alternative to TOPSIS decision-making approach for linguistic variables. Expert Systems With Applications, 2012, 39, 2119-2126.	4.4	60
35	On rank reversal and TOPSIS method. Mathematical and Computer Modelling, 2012, 56, 123-132.	2.0	277
36	Decision Making in Uncertain Rural Scenarios by means of Fuzzy TOPSIS Method. Advances in Decision Sciences, 2011, 2011, 1-15.	1.4	4

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37	Multi-criteria analysis for a maintenance management problem in an engine factory: rational choice. Journal of Intelligent Manufacturing, 2011, 22, 779-788.	4.4	28
38	Situations and problems of renewable energy in the Region of Murcia, Spain. Renewable and Sustainable Energy Reviews, 2010, 14, 1253-1262.	8.2	17
39	The TOPSIS Method and Its Application to Linguistic Variables. Studies in Fuzziness and Soft Computing, 2010, , 383-395.	0.6	1
40	Decision support in disinfection technologies for treated wastewater reuse. Journal of Cleaner Production, 2009, 17, 1504-1511.	4.6	97
41	Selection of a cleaning system for engine maintenance based on the analytic hierarchy process. Computers and Industrial Engineering, 2009, 56, 1442-1451.	3.4	54
42	ADAPTATION OF TOPSIS DECISION MAKING APPROACH FOR LINGUISTIC VARIABLES. , 2009, , .		0
43	THE USE OF DIFFERENT NORMS IN THE TOPSIS DECISION MAKING METHOD. , 2008, , .		0
44	Fuzzy Analytical Hierarchy Process in Maintenance Problem. Lecture Notes in Computer Science, 2008, , 815-824.	1.0	0
45	Solving a decision problem with linguistic information. Pattern Recognition Letters, 2007, 28, 2284-2294.	2.6	32
46	Grid Stabilization Effect of Combined Electricity Generation From Wind and Photovoltaic Systems in Murcia, Spain. , 0, , 590-617.		0