

# Juan Miguel SÃ¡nchez-Lozano

## List of Publications by Year in descending order

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34  
papers

1,475  
citations

623188

14  
h-index

500791

28  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1267  
citing authors

#	ARTICLE	IF	CITATIONS
1	MCDM-based multidimensional approach for selection of optimal groundwater pumping systems: Design and case example. <i>Renewable Energy</i> , 2021, 163, 213-224.	4.3	27
2	Fuzzy multi-criteria decision-making approach to prioritization of space debris for removal. <i>Advances in Space Research</i> , 2021, 67, 1155-1173.	1.2	6
3	Assessment of Near-Earth Asteroid Deflection Techniques via Spherical Fuzzy Sets. <i>Advances in Astronomy</i> , 2021, 2021, 1-12.	0.5	9
4	A fuzzy Multi-Criteria Decision Making approach for Exo-Planetary Habitability. <i>Astronomy and Computing</i> , 2021, 36, 100471.	0.8	4
5	Analysis of WWTPs technologies based on the removal efficiency of Pharmaceutical Activated Compounds for water reuse purposes. A Fuzzy Multi-Criteria Decision Making approach. <i>Journal of Water Process Engineering</i> , 2021, 42, 102098.	2.6	4
6	Multi-criteria analysis techniques to enhance sustainability of water pumping irrigation. <i>Energy Reports</i> , 2021, 7, 4623-4632.	2.5	4
7	Quantitative Analysis on Risk Assessment in Photovoltaic Installations: Case Study in the Region of Murcia and the Dominican Republic. <i>Lecture Notes in Management and Industrial Engineering</i> , 2021, , 535-549.	0.3	0
8	Application of Fuzzy Reference Ideal Method (FRIM) to the military advanced training aircraft selection. <i>Applied Soft Computing Journal</i> , 2020, 88, 106061.	4.1	36
9	Assessment of Groundwater Pumping Alternatives for Irrigation Purposes based on the SIMUS Method. , 2020, , .		2
10	Prioritization of Cartagena Coastal Military Batteries to Transform Them into Scientific, Tourist and Cultural Places of Interest: A GIS-MCDM Approach. <i>Sustainability</i> , 2020, 12, 9908.	1.6	7
11	Evaluation of NEA deflection techniques. A fuzzy Multi-Criteria Decision Making analysis for planetary defense. <i>Acta Astronautica</i> , 2020, 176, 383-397.	1.7	9
12	Multidimensional analysis of groundwater pumping for irrigation purposes: Economic, energy and environmental characterization for PV power plant integration. <i>Renewable Energy</i> , 2019, 138, 174-186.	4.3	19
13	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
14	Near-Earth Asteroid impact dates: A Reference Ideal Method (RIM) approach. <i>Engineering Applications of Artificial Intelligence</i> , 2019, 81, 157-168.	4.3	11
15	Determination of the Optimal Size of Photovoltaic Systems by Using Multi-Criteria Decision-Making Methods. <i>Sustainability</i> , 2018, 10, 4594.	1.6	6
16	Environmental management of Natura 2000 network areas through the combination of Geographic Information Systems (GIS) with Multi-Criteria Decision Making (MCDM) methods. Case study in south-eastern Spain. <i>Land Use Policy</i> , 2017, 63, 86-97.	2.5	21
17	An Approach to Multidimensional Analysis for PV Solar Energy Integration into Groundwater Pumping Solutions. , 2017, , .		0
18	Decision-Making for Risk Management in Sustainable Renewable Energy Facilities: A Case Study in the Dominican Republic. <i>Sustainability</i> , 2016, 8, 455.	1.6	48

#	ARTICLE	IF	CITATIONS
19	Comparative TOPSIS-ELECTRE TRI methods for optimal sites for photovoltaic solar farms. Case study in Spain. <i>Journal of Cleaner Production</i> , 2016, 127, 387-398.	4.6	143
20	GIS based solar resource analysis for irrigation purposes: Rural areas comparison under groundwater scarcity conditions. <i>Solar Energy Materials and Solar Cells</i> , 2016, 156, 128-139.	3.0	16
21	Near-Earth object hazardous impact: A Multi-Criteria Decision Making approach. <i>Scientific Reports</i> , 2016, 6, 37055.	1.6	7
22	GIS-based onshore wind farm site selection using Fuzzy Multi-Criteria Decision Making methods. Evaluating the case of Southeastern Spain. <i>Applied Energy</i> , 2016, 171, 86-102.	5.1	176
23	Spatial Analysis Using GIS for Obtaining Optimal Locations for Solar Farms – A Case Study: The Northwest of the Region of Murcia. <i>Studies in Fuzziness and Soft Computing</i> , 2016, , 207-218.	0.6	0
24	Evaluation of suitable locations for the installation of solar thermoelectric power plants. <i>Computers and Industrial Engineering</i> , 2015, 87, 343-355.	3.4	85
25	Evaluating military training aircrafts through the combination of multi-criteria decision making processes with fuzzy logic. A case study in the Spanish Air Force Academy. <i>Aerospace Science and Technology</i> , 2015, 42, 58-65.	2.5	64
26	The effects of photovoltaic electricity injection into microgrids: Combination of Geographical Information Systems, multicriteria decision methods and electronic control modeling. <i>Energy Conversion and Management</i> , 2015, 96, 89-99.	4.4	6
27	Environmental benefits of parking-integrated photovoltaics: a 222 kWp experience. <i>Progress in Photovoltaics: Research and Applications</i> , 2015, 23, 253-264.	4.4	7
28	GIS-based photovoltaic solar farms site selection using ELECTRE-TRI: Evaluating the case for Torre Pacheco, Murcia, Southeast of Spain. <i>Renewable Energy</i> , 2014, 66, 478-494.	4.3	184
29	Identification and selection of potential sites for onshore wind farms development in Region of Murcia, Spain. <i>Energy</i> , 2014, 73, 311-324.	4.5	80
30	Decision Criteria for Optimal Location of Wind Farms. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 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. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 24, 544-556.	8.2	413
32	Evaluation of photovoltaic cells in a multi-criteria decision making process. <i>Annals of Operations Research</i> , 2012, 199, 373-391.	2.6	69
33	Potential Study of Biomass in the Area of Cartagena (Spain) under the ENERING LIFE+ European Project. <i>Renewable Energy and Power Quality Journal</i> , 0, , 445-448.	0.2	1
34	Integration of Solar Energy Resource into Agro-Energy Cooperative Districts: A Case Study based on Solar Powered Irrigation Pumps. <i>Renewable Energy and Power Quality Journal</i> , 0, , 918-923.	0.2	2