Alberto JesÃºs Perea Moreno

List of Publications by Year
in descending order

79 papers	1,416 citations	394421 19 h-index	361022 35 g-index
79 all docs	79 docs citations	79 times ranked	1597 citing authors

#	Article	IF	Citations
1	Gamificaton as a Promoting Tool of Motivation for Creating Sustainable Higher Education Institutions. International Journal of Environmental Research and Public Health, 2022, 19, 2599.	2.6	10
2	Application of the Multiverse Optimization Method to Solve the Optimal Power Flow Problem in Alternating Current Networks. Electronics (Switzerland), 2022, 11, 1287.	3.1	3
3	Harnessing Offshore Wind Energy along the Mexican Coastline in the Gulf of Mexico—An Exploratory Study including Sustainability Criteria. Sustainability, 2022, 14, 5877.	3.2	3
4	Health Environment and Sustainable Development. International Journal of Environmental Research and Public Health, 2022, 19, 8175.	2.6	1
5	A Discrete-Continuous PSO for the Optimal Integration of D-STATCOMs into Electrical Distribution Systems by Considering Annual Power Loss and Investment Costs. Mathematics, 2022, 10, 2453.	2.2	10
6	Theoretical and Experimental Analysis of Aerodynamic Noise in Small Wind Turbines. Energies, 2021, 14, 727.	3.1	6
7	Impact of the COVID-19 Pandemic on the Energy Use at the University of Almeria (Spain). Sustainability, 2021, 13, 5843.	3.2	26
8	Vibration Measurement Using Laser Triangulation for Applications in Wind Turbine Blades. Symmetry, 2021, 13, 1017.	2.2	6
9	The Higher Education Sustainability before and during the COVID-19 Pandemic: A Spanish and Ecuadorian Case. Sustainability, 2021, 13, 6363.	3.2	23
10	Water Utilities Challenges: A Bibliometric Analysis. Sustainability, 2021, 13, 7726.	3.2	8
11	The Effect of a Flexible Blade for Load Alleviation in Wind Turbines. Energies, 2021, 14, 4988.	3.1	5
12	Optimal Location and Sizing of DGs in DC Networks Using a Hybrid Methodology Based on the PPBIL Algorithm and the VSA. Mathematics, 2021, 9, 1913.	2.2	10
13	Application of the Multiverse Optimization Method to Solve the Optimal Power Flow Problem in Direct Current Electrical Networks. Sustainability, 2021, 13, 8703.	3.2	12
14	The Influence of Technology on Mental Well-Being of STEM Teachers at University Level: COVID-19 as a Stressor. International Journal of Environmental Research and Public Health, 2021, 18, 9605.	2.6	12
15	Nonlinear Controller for the Set-Point Regulation of a Buck Converter System. Energies, 2021, 14, 5760.	3.1	3
16	Dimensioning Optimization of the Permanent Magnet Synchronous Generator for Direct Drive Wind Turbines. Energies, 2021, 14, 7106.	3.1	4
17	Renewable Energy and Energy Saving: Worldwide Research Trends. Sustainability, 2021, 13, 13261.	3.2	7
18	Optimal Investments in PV Sources for Grid-Connected Distribution Networks: An Application of the Discrete—Continuous Genetic Algorithm. Sustainability, 2021, 13, 13633.	3.2	17

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19	The Sustainable City: Advances in Renewable Energy and Energy Saving Systems. Energies, 2021, 14, 8382.	3.1	6
20	Gender differences in the addiction to social networks in the Southern Spanish university students. Telematics and Informatics, 2020, 46, 101304.	5.8	53
21	Environmental Energy Sustainability at Universities. Sustainability, 2020, 12, 9219.	3.2	1
22	Energy Saving at Cities. Energies, 2020, 13, 3758.	3.1	4
23	A Comparative Study on Power Flow Methods for Direct-Current Networks Considering Processing Time and Numerical Convergence Errors. Electronics (Switzerland), 2020, 9, 2062.	3.1	15
24	Optimal Location and Sizing of Distributed Generators in DC Networks Using a Hybrid Method Based on Parallel PBIL and PSO. Electronics (Switzerland), 2020, 9, 1808.	3.1	12
25	Zapote Seed (Pouteria mammosa L.) Valorization for Thermal Energy Generation in Tropical Climates. Sustainability, 2020, 12, 4284.	3.2	4
26	Seasonal Wind Energy Characterization in the Gulf of Mexico. Energies, 2020, 13, 93.	3.1	16
27	Wind Turbines Offshore Foundations and Connections to Grid. Inventions, 2020, 5, 8.	2.5	9
28	Optimal Placement and Sizing of Wind Generators in AC Grids Considering Reactive Power Capability and Wind Speed Curves. Sustainability, 2020, 12, 2983.	3.2	24
29	Sustainable Solar Energy in Mexican Universities. Case Study: The National School of Higher Studies Juriquilla (UNAM). Sustainability, 2020, 12, 3123.	3.2	8
30	Sustainable Thermal Energy Generation at Universities by Using Loquat Seeds as Biofuel. Sustainability, 2020, 12, 2093.	3.2	8
31	FACING REAL PROBLEMS FROM A MULTIDISCIPLINARY APPROACH: A PILOT STUDY. , 2020, , .		0
32	HOW MUCH AND FOR HOW LONG MIGHT UNIVERSITY STUDENTS USE INSTANT MESSAGING AS LEARNING TOOLS?. EDULEARN Proceedings, 2020, , .	0.0	0
33	Is possible to train health professionals in prevention of high-risk pathogens like the Ebola by using the mobile phone?. Telematics and Informatics, 2019, 38, 74-86.	5.8	3
34	Analysis of Research Topics and Scientific Collaborations in Energy Saving Using Bibliometric Techniques and Community Detection. Energies, 2019, 12, 2030.	3.1	18
35	Wind Power Cogeneration to Reduce Peak Electricity Demand in Mexican States Along the Gulf of Mexico. Energies, 2019, 12, 2330.	3.1	2
36	Social Media, Thin-Ideal, Body Dissatisfaction and Disordered Eating Attitudes: An Exploratory Analysis. International Journal of Environmental Research and Public Health, 2019, 16, 4177.	2.6	127

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37	Water Related Properties to Assess Soil Quality in Two Olive Orchards of South Spain under Different Management Strategies. Water (Switzerland), 2019, 11, 367.	2.7	10
38	Date Seeds (Phoenix dactylifera L.) Valorization for Boilers in the Mediterranean Climate. Sustainability, 2019, 11, 711.	3.2	14
39	Biomass as Renewable Energy: Worldwide Research Trends. Sustainability, 2019, 11, 863.	3.2	204
40	A Bibliometric Analysis of the Health Field Regarding Social Networks and Young People. International Journal of Environmental Research and Public Health, 2019, 16, 4024.	2.6	29
41	SCIENTIFIC POSTERS TO PROMOTE COLLABORATIVE AND BILINGUAL LEARNING. , 2019, , .		0
42	Wind energy research in Mexico. Renewable Energy, 2018, 123, 719-729.	8.9	36
43	Mango stone properties as biofuel and its potential for reducing CO2 emissions. Journal of Cleaner Production, 2018, 190, 53-62.	9.3	42
44	Analysis of Research Topics and Scientific Collaborations in Renewable Energy Using Community Detection. Sustainability, 2018, 10, 4510.	3.2	21
45	Peanut Shell for Energy: Properties and Its Potential to Respect the Environment. Sustainability, 2018, 10, 3254.	3.2	90
46	Sustainable Energy Based on Sunflower Seed Husk Boiler for Residential Buildings. Sustainability, 2018, 10, 3407.	3.2	59
47	Stand-Alone Photovoltaic System Assessment in Warmer Urban Areas in Mexico. Energies, 2018, 11, 284.	3.1	12
48	Renewable Energy in Urban Areas: Worldwide Research Trends. Energies, 2018, 11, 577.	3.1	45
49	SEGREGATION TEST OF THE OFF-SHORE WIND TURBINE JACKET FOUNDATIONS MADE BY FREE FALL POURING. Dyna (Spain), 2018, 93, 221-227.	0.2	2
50	FROM BLACKBOARD TO SOCIAL NETWORKS: E-LEARNING BASED ON FACEBOOK AND ICT FOR TRANSVERSAL SUBJECTS OF SPANISH MASTERS. , 2018, , .		0
51	INTRODUCING WHATSAPP AS A LEARNING TOOL IN COMPUTER ENGINEER. , 2018, , .		0
52	Rooftop analysis for solar flat plate collector assessment to achieving sustainability energy. Journal of Cleaner Production, 2017, 148, 545-554.	9.3	31
53	Towards forest sustainability in Mediterranean countries using biomass as fuel for heating. Journal of Cleaner Production, 2017, 156, 624-634.	9.3	40
54	Social networksâ€™ unnoticed influence on body image in Spanish university students. Telematics and Informatics, 2017, 34, 1685-1692.	5.8	9

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55	Worldwide Research on Energy Efficiency and Sustainability in Public Buildings. Sustainability, 2017, 9, 1294.	3.2	87
56	Applied Engineering Using Schumann Resonance for Earthquakes Monitoring. Applied Sciences (Switzerland), 2017, 7, 1113.	2.5	14
57	Experiencias de aprendizaje activo mediante Clickers en prÃ¡cticas universitarias. Espiral Cuadernos Del Profesorado, 2017, 10, 16.	0.8	2
58	Las competencias transversales de las universidades del campus de excelencia agroalimentario (CEI-A3). Espiral Cuadernos Del Profesorado, 2017, 9, 68-77.	0.8	2
59	EMPLEO DE LA FOTOGRAMETRÃA DIGITAL PARA LA EVALUACIÃ"N DEL SUELO CON RIESGO DE EROSIÃ"N EN OLIVAR. Dyna (Spain), 2017, 92, 55-62.	0.2	2
60	IMPLEMENTACIÃ"N DE UN LABORATORIO INTERACTIVO DE SIMULACIÃ"N PARA LA VISUALIZACIÃ"N Y VALIDACIÃ"N NUMÃ‰RICA DE OSCILACIONES NO LINEALES. Dyna (Spain), 2017, 92, 389-394.	0.2	0
61	FORSAN: TRAINING FORMATING PROFESSIONALS AT BIOMEDICAL RISKS THROUGH HIDDEN PATHOGENESE GAMES INCLUDED ON A MOBILE WEB. EDULEARN Proceedings, 2017, , .	0.0	0
62	THE USE OF MOBILE LEARNING TECHNOLOGY AS A TOOL TO FOSTER PROACTIVE LEARNING IN ENGINEERING. , 2017, , .		0
63	VIRTUAL LABORATORIES AND VIRTUAL WEB PLATFORMS AS LEARNING TOOLS IN HIGHER EDUCATION. , 2017, , .		0
64	VIRTUAL WEB FOR THE ASSESSMENT OF TRAINING OF TECHNICIANS IN METAL STRUCTURES (MECES-1 EQF-5) WITHIN THE TECHNICAL COLLEGE SPANISH EDUCATION FRAMEWORK. EDULEARN Proceedings, 2017, , .	0.0	0
65	TELEGRAM BOT FOR M-LEARNING AT CLASSROOM. INTED Proceedings, 2017, , .	0.0	0
66	Seguridad en el suministro del agua y energÃa limpia: una propuesta de proyecto para los regantes del rÃo Torrox. Tecnologia Y Ciencias Del Agua, 2017, 08, 151-158.	0.3	0
67	SOCIAL NETWORKS AS LEARNING TOOLS IN UNIVERSITY DEGREE. , 2017, , .		0
68	MOBILIZING E-GAME CALLED BIOLCHIS. , 2017, , .		0
69	Assessment of the Potential of UAV Video Image Analysis for Planning Irrigation Needs of Golf Courses. Water (Switzerland), 2016, 8, 584.	2.7	15
70	Solar Resource for Urban Communities in the Baja California Peninsula, Mexico. Energies, 2016, 9, 911.	3.1	6
71	Dielectric Spectroscopy in Biomaterials: Agrophysics. Materials, 2016, 9, 310.	2.9	41
72	Solar greenhouse dryer system for wood chips improvement as biofuel. Journal of Cleaner Production, 2016, 135, 1233-1241.	9.3	41

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73	Fuel properties of avocado stone. Fuel, 2016, 186, 358-364.	6.4	58
74	COMPARACIÃ"N ENTRE EL MÃ‰TODO BASADO EN PÃXELES Y EL BASADO EN OBJETOS PARA EL ANÃLISIS DE FACHADAS DE EDIFICIOS HISTÃ"RICOS. Dyna (Spain), 2016, 91, 681-687.	0.2	0
75	Recognition of materials and damage on historical buildings using digital image classification. South African Journal of Science, 2015, 111, 1-9.	0.7	19
76	Application of Near Infrared Reflectance Spectroscopy (NIRS) technology in the characterisation of construction materials in exceptional buildings: First results. , 2013, , .		2
77	Land-cover classification with an expert classification algorithm using digital aerial photographs. South African Journal of Science, 2010, 106, .	0.7	1
78	Algorithms of Expert Classification Applied in Quickbird Satellite Images for Land Use Mapping. Chilean Journal of Agricultural Research, 2009, 69, .	1.1	5
79	EL USO DE LOS SISTEMAS DE RESPUESTA INTERACTIVA COMO HERRAMIENTA PARA FAVORECER EL APRENDIZAJE PROACTIVO EN INGENIERÃA. Revista De InnovaciÃ³n Y Buenas PrÃ¡cticas Docentes, 0, , 91-96.	0.1	1