

Francisco Manzano-Agugliaro

List of Publications by Year in descending order

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Version: 2024-02-01

222
papers

8,806
citations

50276

46
h-index

51608

86
g-index

224
all docs

224
docs citations

224
times ranked

9627
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative analysis of opto-thermal figures of merit for high temperature solar thermal absorber coatings. Renewable and Sustainable Energy Reviews, 2022, 154, 111818.	16.4	21
2	Effect of the subsidised electrical energy tariff on the residential energy consumption in Jordan. Energy Reports, 2022, 8, 893-903.	5.1	30
3	Low-Cost Inventions and Patents. Inventions, 2022, 7, 13.	2.5	0
4	Potential Electricity Production by Installing Photovoltaic Systems on the Rooftops of Residential Buildings in Jordan: An Approach to Climate Change Mitigation. Energies, 2022, 15, 496.	3.1	21
5	Laboratory intercomparison of solar absorptance and thermal emittance measurements at room temperature. Solar Energy Materials and Solar Cells, 2022, 238, 111579.	6.2	5
6	Rooftop photovoltaic system as a shading device for uninsulated buildings. Energy Reports, 2022, 8, 4223-4232.	5.1	17
7	Geometric Algebra Applied to Multiphase Electrical Circuits in Mixed Time-Frequency Domain by Means of Hypercomplex Hilbert Transform. Mathematics, 2022, 10, 1419.	2.2	4
8	Transfer of parasitology research to patents worldwide. Acta Tropica, 2022, 232, 106532.	2.0	0
9	The Effects of Soiling and Frequency of Optimal Cleaning of PV Panels in Palestine. Energies, 2022, 15, 4232.	3.1	10
10	Load Disaggregation Through Particle Filtering of Harmonic Features. , 2022, , .		0
11	Worldwide trends in energy market research. , 2021, , 277-292.		0
12	Worldwide Research Trends on Smart Homes. Power Systems, 2021, , 1-31.	0.5	0
13	Transfer of Agricultural and Biological Sciences Research to Patents: The Case of EU-27. Agronomy, 2021, 11, 252.	3.0	6
14	THE USE M-LEARNING IN AGRICULTURAL ENGINEERING STUDIES: GENDER ANALYSIS. INTED Proceedings, 2021, , .	0.0	0
15	GENERIC SKILLS ASSESSMENT IN THE MASTER OF LAWS AT UNIVERSITY OF ALMERIA. INTED Proceedings, 2021, , .	0.0	0
16	Root distribution with the use of drip irrigation on layered soils at greenhouses crops. Science of the Total Environment, 2021, 768, 144944.	8.0	7
17	Photogrammetry as a New Scientific Tool in Archaeology: Worldwide Research Trends. Sustainability, 2021, 13, 5319.	3.2	39
18	The Significance of the Adaptive Thermal Comfort Practice over the Structure Retrofits to Sustain Indoor Thermal Comfort. Energies, 2021, 14, 2946.	3.1	26

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19	Geometric Algebra Framework Applied to Symmetrical Balanced Three-Phase Systems for Sinusoidal and Non-Sinusoidal Voltage Supply. <i>Mathematics</i> , 2021, 9, 1259.	2.2	5
20	The Bibliometric Literature on Scopus and WoS: The Medicine and Environmental Sciences Categories as Case of Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5851.	2.6	14
21	A pioneering study of biomethane and hydrogen production from the wine industry in Brazil: Pollutant emissions, electricity generation and urban bus fleet supply. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 19180-19201.	7.1	10
22	Impact of the COVID-19 Pandemic on the Energy Use at the University of Almeria (Spain). <i>Sustainability</i> , 2021, 13, 5843.	3.2	26
23	Vector Geometric Algebra in Power Systems: An Updated Formulation of Apparent Power under Non-Sinusoidal Conditions. <i>Mathematics</i> , 2021, 9, 1295.	2.2	11
24	The Impact of Modern Artificial Lighting on the Optimum Window-to-Wall Ratio of Residential Buildings in Jordan. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5888.	2.5	17
25	Enhancement of Solar Water Desalination Using Copper and Aluminum Oxide Nanoparticles. <i>Water (Switzerland)</i> , 2021, 13, 1914.	2.7	5
26	Water Utilities Challenges: A Bibliometric Analysis. <i>Sustainability</i> , 2021, 13, 7726.	3.2	8
27	The Significance of Occupants's Interaction with Their Environment on Reducing Cooling Loads and Dermatological Distresses in East Mediterranean Climates. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8870.	2.6	13
28	Influence of the Advancement in the LED Lighting Technologies on the Optimum Windows-to-Wall Ratio of Jordanians Residential Buildings. <i>Energies</i> , 2021, 14, 5446.	3.1	12
29	A Critical Review on Recycling Composite Waste Using Pyrolysis for Sustainable Development. <i>Energies</i> , 2021, 14, 5748.	3.1	26
30	Worldwide Trends in Agronomy Research: Bibliometric Studies. <i>Agronomy</i> , 2021, 11, 1993.	3.0	0
31	Energy performance analytics and behavior prediction during unforeseen circumstances of retrofitted buildings in the arid climate. <i>Energy Reports</i> , 2021, 7, 6182-6195.	5.1	15
32	Worldwide research trends on desalination. <i>Desalination</i> , 2021, 519, 115305.	8.2	41
33	Worldwide research trends on hydropower. , 2021, , 249-280.		2
34	Worldwide Trends in Bilingual Education Research: A Half-Century Overview. <i>Education Sciences</i> , 2021, 11, 730.	2.6	3
35	Photogrammetry (SfM) vs. Terrestrial Laser Scanning (TLS) for Archaeological Excavations: Mosaic of Cantillana (Spain) as a Case Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11994.	2.5	17
36	Worldwide Research Trends in the Recycling of Materials. , 2020, , 303-312.		2

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37	Analysis of non-active power in non-sinusoidal circuits using geometric algebra. International Journal of Electrical Power and Energy Systems, 2020, 116, 105541.	5.5	7
38	Wastewater Treatment by Advanced Oxidation Process and Their Worldwide Research Trends. International Journal of Environmental Research and Public Health, 2020, 17, 170.	2.6	244
39	Green argan oil extraction from roasted and unroasted seeds by using various polarity solvents allowed by the EU legislation. Journal of Cleaner Production, 2020, 276, 123081.	9.3	11
40	Environmental Energy Sustainability at Universities. Sustainability, 2020, 12, 9219.	3.2	1
41	Multi-Objective Evolutionary Algorithms to Find Community Structures in Large Networks. Mathematics, 2020, 8, 2048.	2.2	6
42	Bibliometric Studies and Worldwide Research Trends on Global Health. International Journal of Environmental Research and Public Health, 2020, 17, 5748.	2.6	7
43	Assessing the Orange Tree Crown Volumes Using Google Maps as a Low-Cost Photogrammetric Alternative. Agronomy, 2020, 10, 893.	3.0	9
44	Symmetry in Engineering Sciences II. Symmetry, 2020, 12, 1077.	2.2	2
45	A new approach to single-phase systems under sinusoidal and non-sinusoidal supply using geometric algebra. Electric Power Systems Research, 2020, 189, 106605.	3.6	12
46	Global Research on Plant Nematodes. Agronomy, 2020, 10, 1148.	3.0	41
47	Energy Saving at Cities. Energies, 2020, 13, 3758.	3.1	4
48	A Multi-Level World Comprehensive Neural Network Model for Maximum Annual Solar Irradiation on a Flat Surface. Energies, 2020, 13, 6422.	3.1	29
49	Energies and Its Worldwide Research. Energies, 2020, 13, 6700.	3.1	14
50	Worldwide Research Trends on Medicinal Plants. International Journal of Environmental Research and Public Health, 2020, 17, 3376.	2.6	178
51	Electronics and Its Worldwide Research. Electronics (Switzerland), 2020, 9, 977.	3.1	1
52	Estimating the Optimum Tilt Angles for South-Facing Surfaces in Palestine. Energies, 2020, 13, 623.	3.1	47
53	Benchmarking Energy Use at University of Almeria (Spain). Sustainability, 2020, 12, 1336.	3.2	17
54	A Simplified Method to Avoid Shadows at Parabolic-Trough Solar Collectors Facilities. Symmetry, 2020, 12, 278.	2.2	7

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55	Worldwide Research on Low Cost Technologies through Bibliometric Analysis. <i>Inventions</i> , 2020, 5, 9.	2.5	11
56	Wind Turbines Offshore Foundations and Connections to Grid. <i>Inventions</i> , 2020, 5, 8.	2.5	9
57	Global tuberculosis research and its future prospects. <i>Tuberculosis</i> , 2020, 121, 101917.	1.9	32
58	Energy Recovery from Waste Tires Using Pyrolysis: Palestine as Case of Study. <i>Energies</i> , 2020, 13, 1817.	3.1	45
59	Sustainable Thermal Energy Generation at Universities by Using Loquat Seeds as Biofuel. <i>Sustainability</i> , 2020, 12, 2093.	3.2	8
60	The Contribution of Spanish Science to Patents: Medicine as Case of Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3638.	2.6	7
61	Worldwide Research Trends on Hazardous Waste. , 2020, , 1-17.		0
62	TELEGRAM CHAT AS A MOBILE TEACHING TOOL: EXPERIENCE IN THE COVID-19 CRISIS. , 2020, , .		0
63	SMARTPHONE CONTRIBUTION IN HIGHER EDUCATION: MEASURING SATISFACTION AND ATTENTION LEVEL. , 2020, , .		0
64	The Role of Smart Contracts in Sustainability: Worldwide Research Trends. <i>Sustainability</i> , 2019, 11, 3049.	3.2	41
65	Analysis of Research Topics and Scientific Collaborations in Energy Saving Using Bibliometric Techniques and Community Detection. <i>Energies</i> , 2019, 12, 2030.	3.1	18
66	Worldwide Research Trends on Wheat and Barley: A Bibliometric Comparative Analysis. <i>Agronomy</i> , 2019, 9, 352.	3.0	266
67	Worldwide research trends on sustainable land use in agriculture. <i>Land Use Policy</i> , 2019, 87, 104069.	5.6	111
68	Optimization Methods Applied to Power Systems. <i>Energies</i> , 2019, 12, 2302.	3.1	7
69	Symmetry in Engineering Sciences. <i>Symmetry</i> , 2019, 11, 797.	2.2	2
70	Bibliometric Maps of BIM and BIM in Universities: A Comparative Analysis. <i>Sustainability</i> , 2019, 11, 4398.	3.2	10
71	The state of global research on social work and disability. <i>Social Work in Health Care</i> , 2019, 58, 839-853.	1.6	7
72	Similarities between Lâ€™Enfantâ€™s Urban Plan for Washington, DC, and the Royal Site of Aranjuez, Spain. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2019, 145, 05019001.	1.7	0

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73	Analysis of power flow under non-sinusoidal conditions in the presence of harmonics and interharmonics using geometric algebra. International Journal of Electrical Power and Energy Systems, 2019, 111, 486-492.	5.5	15
74	Rampant Arch and Its Optimum Geometrical Generation. Symmetry, 2019, 11, 627.	2.2	5
75	Analysis of Global Research on Malaria and Plasmodium vivax. International Journal of Environmental Research and Public Health, 2019, 16, 1928.	2.6	20
76	Optimization of the Contracted Electric Power by Means of Genetic Algorithms. Energies, 2019, 12, 1270.	3.1	3
77	Development of a smartphone application for assessment of chilling injuries in zucchini. Biosystems Engineering, 2019, 181, 114-127.	4.3	11
78	Date Seeds (Phoenix dactylifera L.) Valorization for Boilers in the Mediterranean Climate. Sustainability, 2019, 11, 711.	3.2	14
79	Urban design to achieving the sustainable energy of residential neighbourhoods in arid climate. Journal of Cleaner Production, 2019, 228, 135-152.	9.3	22
80	Unaccompanied Minors: Worldwide Research Perspectives. Publications, 2019, 7, 2.	3.8	8
81	Quadrature Current Compensation in Non-Sinusoidal Circuits Using Geometric Algebra and Evolutionary Algorithms. Energies, 2019, 12, 692.	3.1	12
82	Wind missing data arrangement using wavelet based techniques for getting maximum likelihood. Energy Conversion and Management, 2019, 185, 552-561.	9.2	19
83	Innovation and technology for sustainable mining activity: A worldwide research assessment. Journal of Cleaner Production, 2019, 221, 38-54.	9.3	103
84	An Open Hardware Design for Internet of Things Power Quality and Energy Saving Solutions. Sensors, 2019, 19, 627.	3.8	42
85	Surfaces and Interfaces for Renewable Energy. Coatings, 2019, 9, 838.	2.6	1
86	Evolutionary Algorithms for Community Detection in Continental-Scale High-Voltage Transmission Grids. Symmetry, 2019, 11, 1472.	2.2	7
87	In-Field Estimation of Orange Number and Size by 3D Laser Scanning. Agronomy, 2019, 9, 885.	3.0	26
88	Basket-Handle Arch and Its Optimum Symmetry Generation as a Structural Element and Keeping the Aesthetic Point of View. Symmetry, 2019, 11, 1243.	2.2	4
89	Coatings in Photovoltaic Solar Energy Worldwide Research. Coatings, 2019, 9, 797.	2.6	8
90	The worldwide research trends on water ecosystem services. Ecological Indicators, 2019, 99, 310-323.	6.3	76

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91	Plasmodium genomics: an approach for learning about and ending human malaria. Parasitology Research, 2019, 118, 1-27.	1.6	45
92	Proposed methodology for evaluation of small hydropower sustainability in a Mediterranean climate. Journal of Cleaner Production, 2019, 214, 717-729.	9.3	13
93	Detection of Communities within the Multibody System Dynamics Network and Analysis of Their Relations. Symmetry, 2019, 11, 1525.	2.2	6
94	MASTER'S DEGREE IN AGRONOMIC ENGINEERING: GENERIC SKILLS ASSESSMENT AT UNIVERSITY OF ALMERIA. , 2019, , .		0
95	GENERIC SKILLS ASSESSMENT OF THE BIOTECHNOLOGY DEGREE AT UNIVERSITY OF ALMERIA. , 2019, , .		0
96	EVALUATION OF THE GENERIC SKILLS OF THE DEGREE IN MECHANICAL ENGINEERING AT THE UNIVERSITY OF ALMERIA. , 2019, , .		0
97	MEASURING THE LEVEL OF IN-CLASS ATTENTION WITH A TELEGRAM-BASED TOOL: ZQUIZUALBOT. , 2019, , .		0
98	Wind energy research in Mexico. Renewable Energy, 2018, 123, 719-729.	8.9	36
99	Mango stone properties as biofuel and its potential for reducing CO2 emissions. Journal of Cleaner Production, 2018, 190, 53-62.	9.3	42
100	SMALL-SIZED parabolic-trough solar collectors: Development of a test loop and evaluation of testing conditions. Energy, 2018, 152, 401-415.	8.8	17
101	A fast method for identifying worldwide scientific collaborations using the Scopus database. Telematics and Informatics, 2018, 35, 168-185.	5.8	98
102	Trends in plant research using molecular markers. Planta, 2018, 247, 543-557.	3.2	114
103	Microwave dielectric heating: Applications on metals processing. Renewable and Sustainable Energy Reviews, 2018, 82, 2880-2892.	16.4	131
104	Human parasitology worldwide research. Parasitology, 2018, 145, 699-712.	1.5	25
105	Analysis of Research Topics and Scientific Collaborations in Renewable Energy Using Community Detection. Sustainability, 2018, 10, 4510.	3.2	21
106	The Identification of Scientific Communities and Their Approach to Worldwide Malaria Research. International Journal of Environmental Research and Public Health, 2018, 15, 2703.	2.6	11
107	The Higher Education Sustainability through Virtual Laboratories: The Spanish University as Case of Study. Sustainability, 2018, 10, 4040.	3.2	47
108	OpenZmeter: An Efficient Low-Cost Energy Smart Meter and Power Quality Analyzer. Sustainability, 2018, 10, 4038.	3.2	48

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109	Peanut Shell for Energy: Properties and Its Potential to Respect the Environment. Sustainability, 2018, 10, 3254.	3.2	90
110	Sustainable Energy Based on Sunflower Seed Husk Boiler for Residential Buildings. Sustainability, 2018, 10, 3407.	3.2	59
111	Power Quality: Scientific Collaboration Networks and Research Trends. Energies, 2018, 11, 2067.	3.1	31
112	Global trends in nitrate leaching research in the 1960â€“2017 period. Science of the Total Environment, 2018, 643, 400-413.	8.0	159
113	Genetic approach towards a vaccine against malaria. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 1829-1839.	2.9	5
114	A MATLAB application for monitoring the operation and power quality of electrical machines. , 2018, , .		1
115	Solar Reflector Materials Degradation Due to the Sand Deposited on the Backside Protective Paints. Energies, 2018, 11, 808.	3.1	9
116	Dielectric and Bioimpedance Research Studies: A Scientometric Approach Using the Scopus Database. Publications, 2018, 6, 6.	3.8	15
117	Worldwide Research on Plant Defense against Biotic Stresses as Improvement for Sustainable Agriculture. Sustainability, 2018, 10, 391.	3.2	126
118	Economic analysis of sustainable water use: A review of worldwide research. Journal of Cleaner Production, 2018, 198, 1120-1132.	9.3	77
119	Community detection in national-scale high voltage transmission networks using genetic algorithms. Advanced Engineering Informatics, 2018, 38, 232-241.	8.0	28
120	Microalgae research worldwide. Algal Research, 2018, 35, 50-60.	4.6	150
121	The Electric Bicycle: Worldwide Research Trends. Energies, 2018, 11, 1894.	3.1	60
122	Simulation of power quality disturbances through the wavelet transform. , 2018, , .		7
123	SEGREGATION TEST OF THE OFF-SHORE WIND TURBINE JACKET FOUNDATIONS MADE BY FREE FALL POURING. Dyna (Spain), 2018, 93, 221-227.	0.2	2
124	LECTURERSâ€™ ATTITUDES TOWARDS BILINGUAL TEACHING METHODOLOGIES IN ANDALUSIAN HIGHER EDUCATION. INTED Proceedings, 2018, , .	0.0	0
125	BILINGUAL TEACHING AT CEIA3 UNIVERSITIES: STUDENTS' PERCEPTIONS ON TEACHING METHODOLOGIES. , 2018, , .		0
126	CREATION OF INTERACTIVE TEACHING MATERIALS FOR THE SUBJECTS OF INDUSTRIAL ENGINEERING. , 2018, , .		1

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127	SMARTPHONE AS AN INTERACTIVE LEARNING TOOL: ASSESSMENT OF THE USE IN UNIVERSITY TEACHING. , 2018, , .		1
128	GENERIC SKILLS ASSESSMENT IN THE INDUSTRIAL ELECTRONIC ENGINEERING DEGREE AT UNIVERSITY OF ALMERIA. EDULEARN Proceedings, 2018, , .	0.0	0
129	MASTER'S DEGREE IN INDUSTRIAL ENGINEERING: GENERIC SKILLS ASSESSMENT AT CEIA3 UNIVERSITIES. EDULEARN Proceedings, 2018, , .	0.0	0
130	Cleaner quality control system using bioimpedance methods: a review for fruits and vegetables. Journal of Cleaner Production, 2017, 140, 1749-1762.	9.3	58
131	Developing Topographic Surveying Software to Train Civil Engineers. Journal of Professional Issues in Engineering Education and Practice, 2017, 143, .	0.9	4
132	Learning effectiveness of virtual environments for 3D terrain interpretation and data acquisition. Survey Review, 2017, 49, 302-311.	1.2	6
133	Indoor lighting techniques: An overview of evolution and new trends for energy saving. Energy and Buildings, 2017, 140, 50-60.	6.7	115
134	Rooftop analysis for solar flat plate collector assessment to achieving sustainability energy. Journal of Cleaner Production, 2017, 148, 545-554.	9.3	31
135	The metagenomics worldwide research. Current Genetics, 2017, 63, 819-829.	1.7	72
136	Towards forest sustainability in Mediterranean countries using biomass as fuel for heating. Journal of Cleaner Production, 2017, 156, 624-634.	9.3	40
137	Solar resource assessment for rural electrification and industrial development in the Yucatan Peninsula (Mexico). Renewable and Sustainable Energy Reviews, 2017, 76, 1550-1561.	16.4	12
138	Adaptive community detection in complex networks using genetic algorithms. Neurocomputing, 2017, 266, 101-113.	5.9	95
139	Controlled deficit irrigation for orange trees in Mediterranean countries. Journal of Cleaner Production, 2017, 162, 130-140.	9.3	27
140	Electric vehicles in Spain: An overview of charging systems. Renewable and Sustainable Energy Reviews, 2017, 77, 970-983.	16.4	115
141	Intelligent homesâ€™ technologies to optimize the energy performance for the net zero energy home. Energy and Buildings, 2017, 153, 262-274.	6.7	84
142	An overview of research and energy evolution for small hydropower in Europe. Renewable and Sustainable Energy Reviews, 2017, 75, 476-489.	16.4	87
143	A real-time underground environment monitoring system for sustainable tourism of caves. Journal of Cleaner Production, 2017, 142, 2707-2721.	9.3	36
144	Worldwide Scientific Production Indexed by Scopus on Labour Relations. Publications, 2017, 5, 25.	3.8	29

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145	DNA Sequencing Sensors: An Overview. <i>Sensors</i> , 2017, 17, 588.	3.8	53
146	Worldwide Research on Energy Efficiency and Sustainability in Public Buildings. <i>Sustainability</i> , 2017, 9, 1294.	3.2	87
147	Applied Engineering Using Schumann Resonance for Earthquakes Monitoring. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1113.	2.5	14
148	DNA Damage Repair System in Plants: A Worldwide Research Update. <i>Genes</i> , 2017, 8, 299.	2.4	33
149	Experiencias de aprendizaje activo mediante Clickers en prácticas universitarias. <i>Espiral Cuadernos Del Profesorado</i> , 2017, 10, 16.	0.8	2
150	EMPLEO DE LA FOTOGRAFÍA DIGITAL PARA LA EVALUACIÓN DEL SUELO CON RIESGO DE EROSIÓN EN OLIVAR. <i>Dyna (Spain)</i> , 2017, 92, 55-62.	0.2	2
151	Starting point towards bilingualism in higher education: results in english at the university entrance test from a gender perspective. <i>Espiral Cuadernos Del Profesorado</i> , 2017, 5, 3-15.	0.8	0
152	GENERIC SKILLS ASSESSMENT IN THE ELECTRICAL ENGINEERING DEGREE AT UNIVERSITY OF ALMERIA. <i>INTED Proceedings</i> , 2017, , .	0.0	0
153	TELEGRAM BOT FOR M-LEARNING AT CLASSROOM. <i>INTED Proceedings</i> , 2017, , .	0.0	0
154	GENERIC SKILLS ASSESSMENT IN THE INFANTILE EDUCATION DEGREE AT UNIVERSITY OF ALMERIA. , 2017, , .		0
155	GENERIC SKILLS ASSESSMENT IN THE LABOR RELATIONS AND HUMAN RESOURCES DEGREE AT UNIVERSITY OF ALMERIA. , 2017, , .		0
156	Assessment of the Potential of UAV Video Image Analysis for Planning Irrigation Needs of Golf Courses. <i>Water (Switzerland)</i> , 2016, 8, 584.	2.7	15
157	Conversion of an existing electrostatic precipitator casing to Pulse Jet Fabric filter in fossil power plants. <i>DYNA (Colombia)</i> , 2016, 83, 189-197.	0.4	2
158	Dielectric Spectroscopy in Biomaterials: Agrophysics. <i>Materials</i> , 2016, 9, 310.	2.9	41
159	Solar greenhouse dryer system for wood chips improvement as biofuel. <i>Journal of Cleaner Production</i> , 2016, 135, 1233-1241.	9.3	41
160	An overview of renewable energy potential in Palestine. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 65, 943-960.	16.4	81
161	Alcohols and alcohols mixtures as liquid biofuels: A review of dielectric properties. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 66, 556-571.	16.4	36
162	Fuel properties of avocado stone. <i>Fuel</i> , 2016, 186, 358-364.	6.4	58

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163	Energy retrofit strategies for housing sector in the arid climate. Energy and Buildings, 2016, 131, 158-171.	6.7	45
164	Alternative methods for teaching cadastre and remote sensing. Survey Review, 2016, 48, 450-459.	1.2	7
165	Improvement of efficiency through an energy management program as a sustainable practice in schools. Journal of Cleaner Production, 2016, 135, 794-805.	9.3	59
166	Intelligent low cost telecontrol system for agricultural vehicles in harmful environments. Journal of Cleaner Production, 2016, 113, 204-215.	9.3	24
167	Energy benchmarking for shopping centers in Gulf Coast region. Energy Policy, 2016, 91, 247-255.	8.8	34
168	Higher-order statistics for power systems: Effects of the sampling frequency on ergodicity. Applied Mathematical Modelling, 2016, 40, 6924-6933.	4.2	3
169	Power quality techniques research worldwide: A review. Renewable and Sustainable Energy Reviews, 2016, 54, 846-856.	16.4	60
170	The research of water use in Spain. Journal of Cleaner Production, 2016, 112, 4719-4732.	9.3	31
171	An overview of energy balance compared to sustainable energy in United Arab Emirates. Renewable and Sustainable Energy Reviews, 2016, 55, 1195-1209.	16.4	55
172	Arquitectura, urbanismo y obras p�blicas civiles y militares en el Atlas Geogr�fico de Espa�a de Tom�s L�pez de 1804. Informes De La Construccin, 2016, 68, e147.	0.3	0
173	GENERIC SKILLS ASSESSMENT IN THE CHEMISTRY DEGREE AT UNIVERSITY OF ALMERIA. , 2016, , .		0
174	GENERIC SKILLS ASSESSMENT IN THE ENVIRONMENTAL SCIENCE DEGREE AT UNIVERSITY OF ALMERIA. , 2016, , .		0
175	Photogrammetric techniques and surveying applied to historical map analysis. Survey Review, 2015, 47, 115-128.	1.2	9
176	Fruit and Vegetable Quality Assessment via Dielectric Sensing. Sensors, 2015, 15, 15363-15397.	3.8	65
177	Olive Cake Improvement for Bioenergy: the Drying Kinetics. International Journal of Green Energy, 2015, 12, 559-569.	3.8	23
178	Review of bioclimatic architecture strategies for achieving thermal comfort. Renewable and Sustainable Energy Reviews, 2015, 49, 736-755.	16.4	180
179	Optimal displacement of photovoltaic array's rows using a novel shading model. Applied Energy, 2015, 144, 1-9.	10.1	60
180	Extreme rainfall relationship in Mexico. Journal of Maps, 2015, 11, 405-414.	2.0	4

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181	Design of a real-time emergency telemedicine system for remote medical diagnosis. <i>Biosystems Engineering</i> , 2015, 138, 23-32.	4.3	17
182	Solar energy resource assessment in Mexican states along the Gulf of Mexico. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 216-238.	16.4	38
183	A parabolic-trough collector for cleaner industrial process heat. <i>Journal of Cleaner Production</i> , 2015, 89, 272-285.	9.3	95
184	Wave energy resource assessment at southern coast of the Gulf of Mexico. <i>DYNA (Colombia)</i> , 2015, 82, 49-55.	0.4	1
185	Wireless surveillance system for greenhouse crops. <i>DYNA (Colombia)</i> , 2014, 81, 164.	0.4	22
186	Urban and landscape changes through historical maps: The Real Sitio of Aranjuez (1775-2005), a case study. <i>Computers, Environment and Urban Systems</i> , 2014, 44, 47-58.	7.1	44
187	Renewable energy production in Spain: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 33, 509-531.	16.4	104
188	The research on energy in Spain: A scientometric approach. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 29, 173-183.	16.4	53
189	Insect meal as renewable source of food for animal feeding: a review. <i>Journal of Cleaner Production</i> , 2014, 65, 16-27.	9.3	457
190	Methodology to obtain isochrones from large wildfires. <i>International Journal of Wildland Fire</i> , 2014, 23, 338.	2.4	8
191	Wind turbine selection for wind farm layout using multi-objective evolutionary algorithms. <i>Expert Systems With Applications</i> , 2014, 41, 6585-6595.	7.6	77
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