

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	Optimization methods applied to renewable and sustainable energy: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 1753-1766.	16.4	1,276
2	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
3	Scientific production of renewable energies worldwide: An overview. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 18, 134-143.	16.4	278
4	Worldwide Research Trends on Wheat and Barley: A Bibliometric Comparative Analysis. <i>Agronomy</i> , 2019, 9, 352.	3.0	266
5	Wastewater Treatment by Advanced Oxidation Process and Their Worldwide Research Trends. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 170.	2.6	244
6	Review of bioclimatic architecture strategies for achieving thermal comfort. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 49, 736-755.	16.4	180
7	Worldwide Research Trends on Medicinal Plants. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3376.	2.6	178
8	Greenhouse crop residues: Energy potential and models for the prediction of their higher heating value. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 948-955.	16.4	161
9	Global trends in nitrate leaching research in the 1960â€“2017 period. <i>Science of the Total Environment</i> , 2018, 643, 400-413.	8.0	159
10	Microalgae research worldwide. <i>Algal Research</i> , 2018, 35, 50-60.	4.6	150
11	Microwave dielectric heating: Applications on metals processing. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 2880-2892.	16.4	131
12	Worldwide Research on Plant Defense against Biotic Stresses as Improvement for Sustainable Agriculture. <i>Sustainability</i> , 2018, 10, 391.	3.2	126
13	Insects for biodiesel production. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 3744-3753.	16.4	119
14	Indoor lighting techniques: An overview of evolution and new trends for energy saving. <i>Energy and Buildings</i> , 2017, 140, 50-60.	6.7	115
15	Electric vehicles in Spain: An overview of charging systems. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 77, 970-983.	16.4	115
16	Trends in plant research using molecular markers. <i>Planta</i> , 2018, 247, 543-557.	3.2	114
17	Worldwide research trends on sustainable land use in agriculture. <i>Land Use Policy</i> , 2019, 87, 104069.	5.6	111
18	Renewable energy production in Spain: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 33, 509-531.	16.4	104

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19	Innovation and technology for sustainable mining activity: A worldwide research assessment. Journal of Cleaner Production, 2019, 221, 38-54.	9.3	103
20	A fast method for identifying worldwide scientific collaborations using the Scopus database. Telematics and Informatics, 2018, 35, 168-185.	5.8	98
21	A parabolic-trough collector for cleaner industrial process heat. Journal of Cleaner Production, 2015, 89, 272-285.	9.3	95
22	Adaptive community detection in complex networks using genetic algorithms. Neurocomputing, 2017, 266, 101-113.	5.9	95
23	Peanut Shell for Energy: Properties and Its Potential to Respect the Environment. Sustainability, 2018, 10, 3254.	3.2	90
24	An overview of research and energy evolution for small hydropower in Europe. Renewable and Sustainable Energy Reviews, 2017, 75, 476-489.	16.4	87
25	Worldwide Research on Energy Efficiency and Sustainability in Public Buildings. Sustainability, 2017, 9, 1294.	3.2	87
26	Intelligent homesâ€™ technologies to optimize the energy performance for the net zero energy home. Energy and Buildings, 2017, 153, 262-274.	6.7	84
27	An overview of renewable energy potential in Palestine. Renewable and Sustainable Energy Reviews, 2016, 65, 943-960.	16.4	81
28	The wind power of Mexico. Renewable and Sustainable Energy Reviews, 2010, 14, 2830-2840.	16.4	78
29	Wind turbine selection for wind farm layout using multi-objective evolutionary algorithms. Expert Systems With Applications, 2014, 41, 6585-6595.	7.6	77
30	Economic analysis of sustainable water use: A review of worldwide research. Journal of Cleaner Production, 2018, 198, 1120-1132.	9.3	77
31	The worldwide research trends on water ecosystem services. Ecological Indicators, 2019, 99, 310-323.	6.3	76
32	The metagenomics worldwide research. Current Genetics, 2017, 63, 819-829.	1.7	72
33	Wind energy resource in Northern Mexico. Renewable and Sustainable Energy Reviews, 2014, 32, 890-914.	16.4	69
34	Fruit and Vegetable Quality Assessment via Dielectric Sensing. Sensors, 2015, 15, 15363-15397.	3.8	65
35	Optimal displacement of photovoltaic arrayâ€™s rows using a novel shading model. Applied Energy, 2015, 144, 1-9.	10.1	60
36	Power quality techniques research worldwide: A review. Renewable and Sustainable Energy Reviews, 2016, 54, 846-856.	16.4	60

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37	The Electric Bicycle: Worldwide Research Trends. <i>Energies</i> , 2018, 11, 1894.	3.1	60
38	Improvement of efficiency through an energy management program as a sustainable practice in schools. <i>Journal of Cleaner Production</i> , 2016, 135, 794-805.	9.3	59
39	Sustainable Energy Based on Sunflower Seed Husk Boiler for Residential Buildings. <i>Sustainability</i> , 2018, 10, 3407.	3.2	59
40	Characterization of solar flat plate collectors. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 1709-1720.	16.4	58
41	Fuel properties of avocado stone. <i>Fuel</i> , 2016, 186, 358-364.	6.4	58
42	Cleaner quality control system using bioimpedance methods: a review for fruits and vegetables. <i>Journal of Cleaner Production</i> , 2017, 140, 1749-1762.	9.3	58
43	An overview of energy balance compared to sustainable energy in United Arab Emirates. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 55, 1195-1209.	16.4	55
44	The research on energy in Spain: A scientometric approach. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 29, 173-183.	16.4	53
45	DNA Sequencing Sensors: An Overview. <i>Sensors</i> , 2017, 17, 588.	3.8	53
46	OpenZmeter: An Efficient Low-Cost Energy Smart Meter and Power Quality Analyzer. <i>Sustainability</i> , 2018, 10, 4038.	3.2	48
47	The Higher Education Sustainability through Virtual Laboratories: The Spanish University as Case of Study. <i>Sustainability</i> , 2018, 10, 4040.	3.2	47
48	Estimating the Optimum Tilt Angles for South-Facing Surfaces in Palestine. <i>Energies</i> , 2020, 13, 623.	3.1	47
49	Energy retrofit strategies for housing sector in the arid climate. <i>Energy and Buildings</i> , 2016, 131, 158-171.	6.7	45
50	Plasmodium genomics: an approach for learning about and ending human malaria. <i>Parasitology Research</i> , 2019, 118, 1-27.	1.6	45
51	Energy Recovery from Waste Tires Using Pyrolysis: Palestine as Case of Study. <i>Energies</i> , 2020, 13, 1817.	3.1	45
52	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
53	Minimization of voltage deviation and power losses in power networks using Pareto optimization methods. <i>Engineering Applications of Artificial Intelligence</i> , 2010, 23, 695-703.	8.1	42
54	Mango stone properties as biofuel and its potential for reducing CO2 emissions. <i>Journal of Cleaner Production</i> , 2018, 190, 53-62.	9.3	42

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55	An Open Hardware Design for Internet of Things Power Quality and Energy Saving Solutions. <i>Sensors</i> , 2019, 19, 627.	3.8	42
56	Dielectric Spectroscopy in Biomaterials: Agrophysics. <i>Materials</i> , 2016, 9, 310.	2.9	41
57	Solar greenhouse dryer system for wood chips improvement as biofuel. <i>Journal of Cleaner Production</i> , 2016, 135, 1233-1241.	9.3	41
58	The Role of Smart Contracts in Sustainability: Worldwide Research Trends. <i>Sustainability</i> , 2019, 11, 3049.	3.2	41
59	Global Research on Plant Nematodes. <i>Agronomy</i> , 2020, 10, 1148.	3.0	41
60	Worldwide research trends on desalination. <i>Desalination</i> , 2021, 519, 115305.	8.2	41
61	Towards forest sustainability in Mediterranean countries using biomass as fuel for heating. <i>Journal of Cleaner Production</i> , 2017, 156, 624-634.	9.3	40
62	High speed intelligent classifier of tomatoes by colour, size and weight. <i>Spanish Journal of Agricultural Research</i> , 2012, 10, 314.	0.6	40
63	A monitoring system for intensive agriculture based on mesh networks and the android system. <i>Computers and Electronics in Agriculture</i> , 2013, 99, 14-20.	7.7	39
64	Photogrammetry as a New Scientific Tool in Archaeology: Worldwide Research Trends. <i>Sustainability</i> , 2021, 13, 5319.	3.2	39
65	Is the wind a periodical phenomenon? The case of Mexico. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 721-728.	16.4	38
66	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
67	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
68	A real-time underground environment monitoring system for sustainable tourism of caves. <i>Journal of Cleaner Production</i> , 2017, 142, 2707-2721.	9.3	36
69	Wind energy research in Mexico. <i>Renewable Energy</i> , 2018, 123, 719-729.	8.9	36
70	An active contour computer algorithm for the classification of cucumbers. <i>Computers and Electronics in Agriculture</i> , 2013, 92, 75-81.	7.7	35
71	Multi-objective crop planning using pareto-based evolutionary algorithms. <i>Agricultural Economics (United Kingdom)</i> , 2011, 42, 649-656.	3.9	34
72	Energy benchmarking for shopping centers in Gulf Coast region. <i>Energy Policy</i> , 2016, 91, 247-255.	8.8	34

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73	Effect of shading with aluminised screens on fruit production and quality in tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 107	0.6	34
74	DNA Damage Repair System in Plants: A Worldwide Research Update. <i>Genes</i> , 2017, 8, 299.	2.4	33
75	Global tuberculosis research and its future prospects. <i>Tuberculosis</i> , 2020, 121, 101917.	1.9	32
76	The research of water use in Spain. <i>Journal of Cleaner Production</i> , 2016, 112, 4719-4732.	9.3	31
77	Rooftop analysis for solar flat plate collector assessment to achieving sustainability energy. <i>Journal of Cleaner Production</i> , 2017, 148, 545-554.	9.3	31
78	Power Quality: Scientific Collaboration Networks and Research Trends. <i>Energies</i> , 2018, 11, 2067.	3.1	31
79	Effect of the subsidised electrical energy tariff on the residential energy consumption in Jordan. <i>Energy Reports</i> , 2022, 8, 893-903.	5.1	30
80	Integration of communication technologies in sensor networks to monitor the Amazon environment. <i>Journal of Cleaner Production</i> , 2013, 59, 32-42.	9.3	29
81	Worldwide Scientific Production Indexed by Scopus on Labour Relations. <i>Publications</i> , 2017, 5, 25.	3.8	29
82	A Multi-Level World Comprehensive Neural Network Model for Maximum Annual Solar Irradiation on a Flat Surface. <i>Energies</i> , 2020, 13, 6422.	3.1	29
83	Genetic algorithm for S-transform optimisation in the analysis and classification of electrical signal perturbations. <i>Expert Systems With Applications</i> , 2013, 40, 6766-6777.	7.6	28
84	Community detection in national-scale high voltage transmission networks using genetic algorithms. <i>Advanced Engineering Informatics</i> , 2018, 38, 232-241.	8.0	28
85	Controlled deficit irrigation for orange trees in Mediterranean countries. <i>Journal of Cleaner Production</i> , 2017, 162, 130-140.	9.3	27
86	In-Field Estimation of Orange Number and Size by 3D Laser Scanning. <i>Agronomy</i> , 2019, 9, 885.	3.0	26
87	The Significance of the Adaptive Thermal Comfort Practice over the Structure Retrofits to Sustain Indoor Thermal Comfort. <i>Energies</i> , 2021, 14, 2946.	3.1	26
88	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
89	A Critical Review on Recycling Composite Waste Using Pyrolysis for Sustainable Development. <i>Energies</i> , 2021, 14, 5748.	3.1	26
90	Improving the climate safety of workers in Almeria-type greenhouses in Spain by predicting the periods when they are most likely to suffer thermal stress. <i>Applied Ergonomics</i> , 2011, 42, 391-396.	3.1	25

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91	Human parasitology worldwide research. <i>Parasitology</i> , 2018, 145, 699-712.	1.5	25
92	Intelligent low cost telecontrol system for agricultural vehicles in harmful environments. <i>Journal of Cleaner Production</i> , 2016, 113, 204-215.	9.3	24
93	Olive Cake Improvement for Bioenergy: the Drying Kinetics. <i>International Journal of Green Energy</i> , 2015, 12, 559-569.	3.8	23
94	Wireless surveillance sytem for greenhouse crops. <i>DYNA (Colombia)</i> , 2014, 81, 164.	0.4	22
95	Urban design to achieving the sustainable energy of residential neighbourhoods in arid climate. <i>Journal of Cleaner Production</i> , 2019, 228, 135-152.	9.3	22
96	Analysis of Research Topics and Scientific Collaborations in Renewable Energy Using Community Detection. <i>Sustainability</i> , 2018, 10, 4510.	3.2	21
97	A comparative analysis of opto-thermal figures of merit for high temperature solar thermal absorber coatings. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 154, 111818.	16.4	21
98	Potential Electricity Production by Installing Photovoltaic Systems on the Rooftops of Residential Buildings in Jordan: An Approach to Climate Change Mitigation. <i>Energies</i> , 2022, 15, 496.	3.1	21
99	Pareto-based evolutionary algorithms for the calculation of transformation parameters and accuracy assessment of historical maps. <i>Computers and Geosciences</i> , 2013, 57, 124-132.	4.2	20
100	Analysis of Global Research on Malaria and Plasmodium vivax. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1928.	2.6	20
101	Wind missing data arrangement using wavelet based techniques for getting maximum likelihood. <i>Energy Conversion and Management</i> , 2019, 185, 552-561.	9.2	19
102	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
103	Design of a real-time emergency telemedicine system for remote medical diagnosis. <i>Biosystems Engineering</i> , 2015, 138, 23-32.	4.3	17
104	SMALL-SIZED parabolic-trough solar collectors: Development of a test loop and evaluation of testing conditions. <i>Energy</i> , 2018, 152, 401-415.	8.8	17
105	Benchmarking Energy Use at University of Almeria (Spain). <i>Sustainability</i> , 2020, 12, 1336.	3.2	17
106	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
107	Rooftop photovoltaic system as a shading device for uninsulated buildings. <i>Energy Reports</i> , 2022, 8, 4223-4232.	5.1	17
108	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

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109	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
110	Dielectric and Bioimpedance Research Studies: A Scientometric Approach Using the Scopus Database. <i>Publications</i> , 2018, 6, 6.	3.8	15
111	Analysis of power flow under non-sinusoidal conditions in the presence of harmonics and interharmonics using geometric algebra. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 111, 486-492.	5.5	15
112	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
113	Applied Engineering Using Schumann Resonance for Earthquakes Monitoring. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1113.	2.5	14
114	Date Seeds (<i>Phoenix dactylifera</i> L.) Valorization for Boilers in the Mediterranean Climate. <i>Sustainability</i> , 2019, 11, 711.	3.2	14
115	Energies and Its Worldwide Research. <i>Energies</i> , 2020, 13, 6700.	3.1	14
116	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
117	Proposed methodology for evaluation of small hydropower sustainability in a Mediterranean climate. <i>Journal of Cleaner Production</i> , 2019, 214, 717-729.	9.3	13
118	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
119	Solar resource assessment for rural electrification and industrial development in the Yucatan Peninsula (Mexico). <i>Renewable and Sustainable Energy Reviews</i> , 2017, 76, 1550-1561.	16.4	12
120	Quadrature Current Compensation in Non-Sinusoidal Circuits Using Geometric Algebra and Evolutionary Algorithms. <i>Energies</i> , 2019, 12, 692.	3.1	12
121	A new approach to single-phase systems under sinusoidal and non-sinusoidal supply using geometric algebra. <i>Electric Power Systems Research</i> , 2020, 189, 106605.	3.6	12
122	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
123	The Identification of Scientific Communities and Their Approach to Worldwide Malaria Research. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2703.	2.6	11
124	Development of a smartphone application for assessment of chilling injuries in zucchini. <i>Biosystems Engineering</i> , 2019, 181, 114-127.	4.3	11
125	Green argan oil extraction from roasted and unroasted seeds by using various polarity solvents allowed by the EU legislation. <i>Journal of Cleaner Production</i> , 2020, 276, 123081.	9.3	11
126	Worldwide Research on Low Cost Technologies through Bibliometric Analysis. <i>Inventions</i> , 2020, 5, 9.	2.5	11

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127	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
128	Bibliometric Maps of BIM and BIM in Universities: A Comparative Analysis. <i>Sustainability</i> , 2019, 11, 4398.	3.2	10
129	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
130	The Effects of Soiling and Frequency of Optimal Cleaning of PV Panels in Palestine. <i>Energies</i> , 2022, 15, 4232.	3.1	10
131	Tomas Lopez's Geographic Atlas of Spain in the Peninsular War: A Methodology for Determining Errors. <i>Survey Review</i> , 2011, 43, 30-44.	1.2	9
132	Photogrammetric techniques and surveying applied to historical map analysis. <i>Survey Review</i> , 2015, 47, 115-128.	1.2	9
133	Solar Reflector Materials Degradation Due to the Sand Deposited on the Backside Protective Paints. <i>Energies</i> , 2018, 11, 808.	3.1	9
134	Assessing the Orange Tree Crown Volumes Using Google Maps as a Low-Cost Photogrammetric Alternative. <i>Agronomy</i> , 2020, 10, 893.	3.0	9
135	Wind Turbines Offshore Foundations and Connections to Grid. <i>Inventions</i> , 2020, 5, 8.	2.5	9
136	Methodology to obtain isochrones from large wildfires. <i>International Journal of Wildland Fire</i> , 2014, 23, 338.	2.4	8
137	Unaccompanied Minors: Worldwide Research Perspectives. <i>Publications</i> , 2019, 7, 2.	3.8	8
138	Coatings in Photovoltaic Solar Energy Worldwide Research. <i>Coatings</i> , 2019, 9, 797.	2.6	8
139	Sustainable Thermal Energy Generation at Universities by Using Loquat Seeds as Biofuel. <i>Sustainability</i> , 2020, 12, 2093.	3.2	8
140	Water Utilities Challenges: A Bibliometric Analysis. <i>Sustainability</i> , 2021, 13, 7726.	3.2	8
141	The assessment of evolutionary algorithms for analyzing the positional accuracy and uncertainty of maps. <i>Expert Systems With Applications</i> , 2014, 41, 6346-6360.	7.6	7
142	Alternative methods for teaching cadastre and remote sensing. <i>Survey Review</i> , 2016, 48, 450-459.	1.2	7
143	Simulation of power quality disturbances through the wavelet transform. , 2018, , .		7
144	Optimization Methods Applied to Power Systems. <i>Energies</i> , 2019, 12, 2302.	3.1	7

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145	The state of global research on social work and disability. <i>Social Work in Health Care</i> , 2019, 58, 839-853.	1.6	7
146	Evolutionary Algorithms for Community Detection in Continental-Scale High-Voltage Transmission Grids. <i>Symmetry</i> , 2019, 11, 1472.	2.2	7
147	Analysis of non-active power in non-sinusoidal circuits using geometric algebra. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 116, 105541.	5.5	7
148	Bibliometric Studies and Worldwide Research Trends on Global Health. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5748.	2.6	7
149	A Simplified Method to Avoid Shadows at Parabolic-Trough Solar Collectors Facilities. <i>Symmetry</i> , 2020, 12, 278.	2.2	7
150	Root distribution with the use of drip irrigation on layered soils at greenhouses crops. <i>Science of the Total Environment</i> , 2021, 768, 144944.	8.0	7
151	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
152	Mapping the whole errors of Tomas Lopez's geographic atlas of Spain (1804). <i>Journal of Maps</i> , 2013, 9, 617-622.	2.0	6
153	Learning effectiveness of virtual environments for 3D terrain interpretation and data acquisition. <i>Survey Review</i> , 2017, 49, 302-311.	1.2	6
154	Multi-Objective Evolutionary Algorithms to Find Community Structures in Large Networks. <i>Mathematics</i> , 2020, 8, 2048.	2.2	6
155	Transfer of Agricultural and Biological Sciences Research to Patents: The Case of EU-27. <i>Agronomy</i> , 2021, 11, 252.	3.0	6
156	Detection of Communities within the Multibody System Dynamics Network and Analysis of Their Relations. <i>Symmetry</i> , 2019, 11, 1525.	2.2	6
157	Cooperative learning and electronic group portfolio: tutoring tools, development of competences and assessment. <i>International Journal of Learning Technology</i> , 2011, 6, 46.	0.2	5
158	Daily and Annual Variation in Digestive Enzymes " Amylase and Basic and Acid Proteases " in Gilt-head Sea Bream, <i>Sparus aurata</i> . <i>Journal of the World Aquaculture Society</i> , 2013, 44, 105-114.	2.4	5
159	Genetic approach towards a vaccine against malaria. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1829-1839.	2.9	5
160	Rampant Arch and Its Optimum Geometrical Generation. <i>Symmetry</i> , 2019, 11, 627.	2.2	5
161	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
162	Enhancement of Solar Water Desalination Using Copper and Aluminum Oxide Nanoparticles. <i>Water (Switzerland)</i> , 2021, 13, 1914.	2.7	5

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163	Laboratory intercomparison of solar absorptance and thermal emittance measurements at room temperature. <i>Solar Energy Materials and Solar Cells</i> , 2022, 238, 111579.	6.2	5
164	Women's Labour and Mechanization in Mediterranean Greenhouse Farming. <i>Outlook on Agriculture</i> , 2013, 42, 249-254.	3.4	4
165	Extreme rainfall relationship in Mexico. <i>Journal of Maps</i> , 2015, 11, 405-414.	2.0	4
166	Developing Topographic Surveying Software to Train Civil Engineers. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2017, 143, .	0.9	4
167	Basket-Handle Arch and Its Optimum Symmetry Generation as a Structural Element and Keeping the Aesthetic Point of View. <i>Symmetry</i> , 2019, 11, 1243.	2.2	4
168	Energy Saving at Cities. <i>Energies</i> , 2020, 13, 3758.	3.1	4
169	Altos de Reveque: un asentamiento fortificado fenicio-púnico en el litoral de Andalucía oriental. <i>Archivo Espanol De Arqueologia</i> , 2010, 83, 27-46.	0.2	4
170	Geometric Algebra Applied to Multiphase Electrical Circuits in Mixed Time-Frequency Domain by Means of Hypercomplex Hilbert Transform. <i>Mathematics</i> , 2022, 10, 1419.	2.2	4
171	Higher-order statistics for power systems: Effects of the sampling frequency on ergodicity. <i>Applied Mathematical Modelling</i> , 2016, 40, 6924-6933.	4.2	3
172	Optimization of the Contracted Electric Power by Means of Genetic Algorithms. <i>Energies</i> , 2019, 12, 1270.	3.1	3
173	Assessment of methods for obtaining rainfall intensity-duration-frequency ratios for various geographical areas. <i>Spanish Journal of Agricultural Research</i> , 2009, 7, 699.	0.6	3
174	Worldwide Trends in Bilingual Education Research: A Half-Century Overview. <i>Education Sciences</i> , 2021, 11, 730.	2.6	3
175	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
176	Symmetry in Engineering Sciences. <i>Symmetry</i> , 2019, 11, 797.	2.2	2
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