R MelÃ-cio

List of Publications by Year
in descending order

192 papers	2,313 citations	257101 24 h-index	288905 40 g-index
194 all docs	194 docs citations	194 times ranked	2073 citing authors

#	Article	IF	Citations
1	Photovoltaic and wind energy systems monitoring and building/home energy management using ZigBee devices within a smart grid. Energy, 2013, 49, 306-315.	4.5	160
2	Solutions for detection of non-technical losses in the electricity grid: A review. Renewable and Sustainable Energy Reviews, 2017, 80, 1256-1268.	8.2	120
3	Classification of new electricity customers based on surveys and smart metering data. Energy, 2016, 107, 804-817.	4.5	103
4	Fractional-order control and simulation of wind energy systems with PMSG/full-power converter topology. Energy Conversion and Management, 2010, 51, 1250-1258.	4.4	87
5	Stochastic coordination of joint wind and photovoltaic systems with energy storage in day-ahead market. Energy, 2017, 124, 310-320.	4.5	87
6	Power converter topologies for wind energy conversion systems: Integrated modeling, control strategy and performance simulation. Renewable Energy, 2010, 35, 2165-2174.	4.3	69
7	Simulation of a solar cell considering single-diode equivalent circuit mode. Renewable Energy and Power Quality Journal, 0, , 369-373.	0.2	64
8	Consumer energy management system with integration of smart meters. Energy Reports, 2015, 1, 22-29.	2.5	62
9	Comparative study of power converter topologies and control strategies for the harmonic performance of variable-speed wind turbine generator systems. Energy, 2011, 36, 520-529.	4.5	59
10	Services enabler architecture for smart grid and smart living services providers under industry 4.0. Energy and Buildings, 2017, 141, 16-27.	3.1	53
11	A novel microgrid support management system based on stochastic mixed-integer linear programming. Energy, 2021, 223, 120030.	4.5	53
12	On a self-start Darrieus wind turbine: Blade design and field tests. Renewable and Sustainable Energy Reviews, 2015, 52, 508-522.	8.2	48
13	Bidding strategy of wind-thermal energy producers. Renewable Energy, 2016, 99, 673-681.	4.3	44
14	Harmonic assessment of variable-speed wind turbines considering a converter control malfunction. IET Renewable Power Generation, 2010, 4, 139.	1.7	43
15	Layered Smart Grid architecture approach and field tests by ZigBee technology. Energy Conversion and Management, 2014, 88, 49-59.	4.4	42
16	Bidding and Optimization Strategies for Wind-PV Systems in Electricity Markets Assisted by CPS. Energy Procedia, 2016, 106, 111-121.	1.8	36
17	Modeling and Simulation of Wind Energy Systems with Matrix and Multilevel Power Converters. IEEE Latin America Transactions, 2009, 7, 78-84.	1.2	34
18	Offshore wind turbine simulation: Multibody drive train. Back-to-back NPC (neutral point clamped) converters. Fractional-order control. Energy, 2014, 69, 357-369.	4.5	34

#	ARTICLE	IF	CITATIONS
19	Self-scheduling and bidding strategies of thermal units with stochastic emission constraints. Energy Conversion and Management, 2015, 89, 975-984.	4.4	34
20	Decision making for sustainable aggregation of clean energy in day-ahead market: Uncertainty and risk. Renewable Energy, 2019, 133, 692-702.	4.3	33
21	Transient analysis of variable-speed wind turbines at wind speed disturbances and a pitch control malfunction. Applied Energy, 2011, 88, 1322-1330.	5.1	32
22	Effect of Shading on Series Solar Modules: Simulation and Experimental Results. Procedia Technology, 2014, 17, 295-302.	1.1	31
23	Machine Learning and Natural Language Processing for Prediction of Human Factors in Aviation Incident Reports. Aerospace, 2021, 8, 47.	1.1	31
24	Solar resource assessment through long-term statistical analysis and typical data generation with different time resolutions using GHI measurements. Renewable Energy, 2018, 127, 398-411.	4.3	29
25	Fifth harmonic and sag impact on PMSG wind turbines with a balancing new strategy for capacitor voltages. Energy Conversion and Management, 2014, 79, 721-730.	4.4	28
26	A Pitch Control Malfunction Analysis for Wind Turbines with Permanent Magnet Synchronous Generator and Full-power Converters: Proportional Integral Versus Fractional-order Controllers. Electric Power Components and Systems, 2010, 38, 387-406.	1.0	27
27	On-board implementation and experimental validation of collaborative transportation of loads with multiple UAVs. Aerospace Science and Technology, 2020, 107, 106284.	2.5	25
28	Performance assessment of a wind energy conversion system using a hierarchical controller structure. Energy Conversion and Management, 2015, 93, 40-48.	4.4	22
29	A fuzzy clustering approach to a demand response model. International Journal of Electrical Power and Energy Systems, 2016, 81, 184-192.	3.3	22
30	The Power System and Microgrid Protectionâ€"A Review. Applied Sciences (Switzerland), 2020, 10, 8271.	1.3	22
31	Electricity demand profile prediction based on household characteristics. , 2015, , .		21
32	Wind Power with Energy Storage Arbitrage in Day-ahead Market by a Stochastic MILP Approach. Logic Journal of the IGPL, 2020, 28, 570-582.	1.3	20
33	System for space materials evaluation in LEO environment. Advances in Space Research, 2020, 66, 307-320.	1.2	20
34	Supervisory control of a variable speed wind turbine with doubly fed induction generator. Energy Reports, 2015, 1, 89-95.	2.5	19
35	Two-level and multilevel converters for wind energy systems: A comparative study. , 2008, , .		16
36	ZigBee standard in the creation of wireless networks for advanced metering infrastructures. , 2012, , .		16

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37	Self-start performance evaluation in Darrieus-type vertical axis wind turbines: Methodology and computational tool applied to symmetrical airfoils. Renewable Energy and Power Quality Journal, 0, , 250-255.	0.2	16
38	New blade profile for Darrieus wind turbines capable to self-start. , 2011, , .		15
39	Optimal Coordination on Wind-Pumped-Hydro Operation. Procedia Technology, 2014, 17, 445-451.	1.1	15
40	Darrieus wind turbine prototype: Dynamic modeling parameter identification and control analysis. Energy, 2018, 159, 961-976.	4.5	15
41	Vanadium Redox Flow Battery Storage System Linked to the Electric Grid. Renewable Energy and Power Quality Journal, 0, , 1025-1036.	0.2	15
42	Wind turbines equipped with fractionalâ€order controllers: Stress on the mechanical drive train due to a converter control malfunction. Wind Energy, 2011, 14, 13-25.	1.9	14
43	Modeling and Simulation of Wind Shear and Tower Shadow on Wind Turbines. Procedia Technology, 2014, 17, 471-477.	1.1	14
44	Blade pitch control malfunction simulation in a wind energy conversion system with MPC five-level converter. Renewable Energy, 2016, 89, 339-350.	4.3	14
45	Hybrid Three-Phase Rectifiers with Active Power Factor Correction: A Systematic Review. Electronics (Switzerland), 2021, 10, 1520.	1.8	14
46	Fuzzy Subtractive Clustering Technique Applied to Demand Response in a Smart Grid Scope. Procedia Technology, 2014, 17, 478-486.	1.1	13
47	Simulation of rectifier voltage malfunction on OWECS, four-level converter, HVDC light link: Smart grid context tool. Energy Conversion and Management, 2015, 97, 140-153.	4.4	13
48	Experimental Setup and Efficiency Evaluation of Zero-Field-Cooled (ZFC) YBCO Magnetic Bearings. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	13
49	Fractional-Order Colour Image Processing. Mathematics, 2021, 9, 457.	1.1	13
50	Stress, Pressure and Fatigue on Aircraft Maintenance Personal. International Review of Aerospace Engineering, 2019, 12, 35.	0.2	13
51	Space debris generation in GEO: Space materials testing and evaluation. Acta Astronautica, 2022, 192, 258-275.	1.7	13
52	A simulation of integrated photovoltaic conversion into electric grid. Solar Energy, 2014, 110, 578-594.	2.9	12
53	Performance Assessment of a Wind Turbine Using Benchmark Model: Fuzzy Controllers and Discrete Adaptive LQG. Procedia Technology, 2014, 17, 487-494.	1.1	11
54	Viability of a frictionless bearing with permanent magnets and HTS bulks. , 2016, , .		11

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55	Electromagnetic Interference Impact of Wireless Power Transfer System on Data Wireless Channel. IFIP Advances in Information and Communication Technology, 2016, , 293-301.	0.5	11
56	ZigBee wireless area network for home automation and energy management: Field trials and installation approaches. , 2012, , .		10
57	PV systems linked to the grid: Parameter identification with a heuristic procedure. Sustainable Energy Technologies and Assessments, 2015, 10, 29-39.	1.7	10
58	Modeling and simulation of a wind energy system: Matrix versus multilevel converters. , 2008, , .		9
59	PV system modeling by five parameters and in situ test. , 2014, , .		9
60	Wireless Networks for Traffic Light Control on Urban and Aerotropolis Roads. Journal of Sensor and Actuator Networks, 2020, 9, 26.	2.3	9
61	Study of the Electromagnetic Interference Generated by Wireless Power Transfer Systems. International Review of Electrical Engineering, 2016, 11, 526.	0.1	9
62	Fractional-order control and simulation of wind turbines with full-power converters. , 2010, , .		8
63	Offshore Wind Energy System with DC Transmission Discrete Mass: Modeling and Simulation. Electric Power Components and Systems, 2016, 44, 2271-2284.	1.0	8
64	Bidding Decision of Wind-thermal GenCo in Day-ahead Market. Energy Procedia, 2016, 106, 87-96.	1.8	8
65	Wind energy systems and power quality: matrix versus two-level converters. Renewable Energy and Power Quality Journal, 2008, 1, 419-424.	0.2	8
66	SimulaciÃ³n de Convertidores de Potencia en Sistemas EÃ³licos. Informacion Tecnologica (discontinued), 2007, 18, .	0.1	7
67	Self-start evaluation in lift-type vertical axis wind turbines: Methodology and computational tool applied to asymmetrical airfoils. , 2011, , .		7
68	Application of a discrete adaptive LQG and fuzzy control design to a wind turbine benchmark model. , 2013, , .		7
69	Fuzzy, integer and fractional-order control: Application on a wind turbine benchmark model. , 2014, , .		7
70	Study on electromagnetic emissions from wireless energy transfer. , 2016, , .		7
71	Load Profile Analysis Tool for Electrical Appliances in Households Assisted by CPS. Energy Procedia, 2016, 106, 215-224.	1.8	7
72	Electrical grid integration and power quality studies of a variable-speed wind energy conversion system. , 2009, , .		6

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73	Simulation by discrete mass modeling of offshore wind turbine system with DC link. International Journal of Marine Energy, 2016, 14, 80-100.	1.8	6
74	Prototype of a Zero-Field-Cooled YBCO Bearing With Continuous Ring Permanent Magnets. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-7.	1.1	6
75	Electromagnetic field generated by a wireless energy transfer system: comparison of simulation to measurement. Journal of Electromagnetic Waves and Applications, 2018, 32, 554-571.	1.0	6
76	Distributed Generation Control Using Modified PLL Based on Proportional-Resonant Controller. Applied Sciences (Switzerland), 2020, 10, 8891.	1.3	6
77	Bifurcation of equilibria for general case of gyrostat satellite on a circular orbit. Aerospace Science and Technology, 2020, 105, 106058.	2.5	6
78	Vertical Axis Wind Turbine Performance Prediction: An Approach to the Double Multiple Streamtube Model. Renewable Energy and Power Quality Journal, 0, , 633-636.	0.2	6
79	Electromagnetic Interference from a Wireless Power Transfer System: Experimental Results. Renewable Energy and Power Quality Journal, 0, , 1020-1024.	0.2	6
80	Traffic Lights Control Prototype Using Wireless Technologies. Renewable Energy and Power Quality Journal, 0, , 1031-1036.	0.2	6
81	Darrieus Wind Turbine Performance Prediction: Computational Modeling. IFIP Advances in Information and Communication Technology, 2013, , 382-391.	0.5	5
82	Wireless Monitoring of Urban Wind Turbines by ZigBee Protocol: Support Application Software and Sensor Modules. Procedia Technology, 2014, 17, 461-470.	1.1	5
83	Wind energy conversion system control using distinct controllers for different operating regions. , 2015, , .		5
84	Conception of a YBCO superconducting zfc-magnetic bearing virtual prototype. , 2016, , .		5
85	Three-phase magnetic field system for wireless energy transfer. , 2016, , .		5
86	Prediction of events in the smart grid: Interruptions in distribution transformers. , 2016, , .		5
87	Wireless power transfer impact on data channel. , 2016, , .		5
88	A wind turbine and its robust control using the CRONE method. Renewable Energy, 2020, 160, 483-497.	4.3	5
89	Comparison between Inflexible and Flexible Charging of Electric Vehiclesâ€"A Study from the Perspective of an Aggregator. Energies, 2020, 13, 5443.	1.6	5
90	LIDAR altimeter conception for HERA spacecraft. Aircraft Engineering and Aerospace Technology, 2021, 93, 1018-1028.	0.7	5

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91	Darrieus-type vertical axis rotary-wings with a new design approach grounded in double-multiple streamtube performance prediction model. AIMS Energy, 2018, 6, 673-694.	1.1	5
92	Analysis on the Isostatic Bipod Mounts for the HERA Mission LIDAR. Applied Sciences (Switzerland), 2022, 12, 3497.	1.3	5
93	Fractional order control on a wind turbine benchmark. , 2014, , .		4
94	Family Houses Energy Consumption Forecast Tools for Smart Grid Management. Lecture Notes in Electrical Engineering, 2017, , 691-699.	0.3	4
95	Comparison of Offshore and Onshore Wind Systems with MPC Five-Level Converter under Energy 4.0. Electric Power Components and Systems, 2018, 46, 1399-1415.	1.0	4
96	Robust Control of a Wind Turbine Using Third Generation CRONE Control. , 2019, , .		4
97	Frequency Tuning of the Resonant Wireless Energy Transfer System. , 2019, , .		4
98	Assessing the Value of Demand Response in Microgrids. Sustainability, 2021, 13, 5848.	1.6	4
99	Planning of Aircraft Fleet Maintenance Teams. Aerospace, 2021, 8, 140.	1.1	4
100	Hypothetical Apophis deep ocean impactâ€"Energy analysis. Acta Astronautica, 2021, 188, 438-450.	1.7	4
101	Crystalline Silicon PV Module Under Effect of Shading Simulation of the Hot-Spot Condition. IFIP Advances in Information and Communication Technology, 2017, , 479-487.	0.5	4
102	Wireless Energy Transfer with Three-Phase Magnetic Field System: Experimental Results. Renewable Energy and Power Quality Journal, 0, , 1037-1041.	0.2	4
103	Electromagnetic Influence of WPT on Human's Health. Advances in Wireless Technologies and Telecommunication Book Series, 2019, , 141-161.	0.3	4
104	Dynamic stability of wind turbines with permanent magnet machines and power-electronic converters. , 2009, , .		3
105	Wind energy systems with power-electronic converters and fractional-order controllers. , 2010, , .		3
106	Power converter topologies and fractional-order controllers: Wind energy applications. , 2010, , .		3
107	Simulation of offshore wind system with two-level converters: HVDC power transmission. , 2014, , .		3
108	Simulation of a-Si PV system linked to the grid by DC-DC boost and two-level converter. , 2014, , .		3

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109	PV System with Maximum Power Point Tracking: Modeling, Simulation and Experimental Results. Procedia Technology, 2014, 17, 495-501.	1.1	3
110	Fuzzy clustering applied to a demand response model in a smart grid contingency scenario. , 2014, , .		3
111	Simulation of OWES with five-level converter linked to the grid: Harmonic assessment. , 2015, , .		3
112	Aggregation Platform for Wind-PV-Thermal Technology in Electricity Market. , 2018, , .		3
113	Omnidirectional WPT and Data Communication for Electric Air Vehicles: Feasibility Study. Energies, 2020, 13, 6480.	1.6	3
114	Implementation of a Cryogenic Facility for Space Debris Analysis. Applied Sciences (Switzerland), 2021, 11, 948.	1.3	3
115	Schedule of Thermal Units with Emissions in a Spot Electricity Market. IFIP Advances in Information and Communication Technology, 2013, , 361-370.	0.5	3
116	Dust effect impact on PV in an aggregation with wind and thermal powers. Sustainable Energy, Grids and Networks, 2020, 22, 100359.	2.3	3
117	Three-Phase Magnetic Field Tested in Wireless Power Transfer System. International Review of Electrical Engineering, 2016, 11, 586.	0.1	3
118	Upgrading a Legacy Manufacturing Cell to IoT. Journal of Sensor and Actuator Networks, 2021, 10, 65.	2.3	3
119	Simulation of wind power generation with matrix and multi-level converters: Power quality analysis. , 2008, , .		2
120	Influence of a converter control malfunction on the harmonic behavior of wind turbines with permanent magnet generator. , 2011, , .		2
121	Simulation and experimental results for a photovoltaic system formed by polycrystalline solar modules. , 2012, , .		2
122	Zigbee devices for distributed generation management: field tests and installation approaches. , 2012, , .		2
123	Demand Response Analysis in Smart Grids Using Fuzzy Clustering Model. IFIP Advances in Information and Communication Technology, 2013, , 403-412.	0.5	2
124	Stochastic Emission Constraints on Unit Commitment. Procedia Technology, 2014, 17, 437-444.	1.1	2
125	On Wind Turbine Model Predictive Pitch Control: An Event-Based Simulation Approach. Lecture Notes in Electrical Engineering, 2015, , 91-100.	0.3	2
126	Simulation of a-Si PV System Linked to the Grid by DC Boost and Three-Level Inverter Under Cloud Scope. IFIP Advances in Information and Communication Technology, 2015, , 423-430.	0.5	2

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127	Wireless technologies for controlling a traffic lights prototype. , 2016, , .		2
128	Improving magnetic coupling for battery charging through 3D magnetic flux. , 2016, , .		2
129	Control and Supervision of Wind Energy Conversion Systems. IFIP Advances in Information and Communication Technology, 2016, , 353-368.	0.5	2
130	Optimal Wind Bidding Strategies in Day-Ahead Markets. IFIP Advances in Information and Communication Technology, 2016, , 475-484.	0.5	2
131	Optimal Bidding Strategies of Wind-Thermal Power Producers. IFIP Advances in Information and Communication Technology, 2016, , 494-503.	0.5	2
132	Electric vehicle battery charger controlled by magnetic core reactor to Wireless Power Transfer system. , 2017, , .		2
133	Optimal Scheduling of Joint Wind-Thermal Systems. Advances in Intelligent Systems and Computing, 2017, , 136-146.	0.5	2
134	The Critic Liquidâ€“Gas Phase Transition Between Liquid Nitrogen and YBCO HTS Bulks: From FEM Modeling to its Experimental Study for ZFC Levitation Devices. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-8.	1.1	2
135	Gyrostat Dynamics on a Circular Orbit: General Case of Equilibria Bifurcation and Analytical Expressions. , 2018, , .		2
136	Modeling and Simulation of PV Panel Under Different Internal and Environmental Conditions with Non-constant Load. IFIP Advances in Information and Communication Technology, 2019, , 376-392.	0.5	2
137	Current Interactions Mitigation in 3-Phase PFC Modular Rectifier through Differential-Mode Choke Filter Boost Converter. Applied Sciences (Switzerland), 2021, 11, 1684.	1.3	2
138	Neural-Network Based Modeling of I/O Buffer Predriver under Power/Ground Supply Voltage Variations. Sensors, 2021, 21, 6074.	2.1	2
139	Adaptive and predictive controllers applied to onshore wind energy conversion system. AIMS Energy, 2018, 6, 615-631.	1.1	2
140	Modelling and Simulation of a Wind Energy System with Fractional Controllers. Renewable Energy and Power Quality Journal, 2010, 1, 153-158.	0.2	2
141	Single-Phase Wireless Power Transfer System Controlled by Magnetic Core Reactors at Transmitter and Receiver. IFIP Advances in Information and Communication Technology, 2017, , 419-428.	0.5	2
142	Simulation and Experiment on Electric Field Emissions Generated by Wireless Energy Transfer. IFIP Advances in Information and Communication Technology, 2018, , 243-251.	0.5	2
143	Home Energy Forecast Performance Tool for Smart Living Services Suppliers under an Energy 4.0 and CPS Framework. Energies, 2022, 15, 957.	1.6	2
144	Harmonic behavior of variable-speed wind turbines during a control fault. , 2011, , .		1

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145	Offshore wind turbines: Simulation of multibody drive train, interaction with fractional-order control and full-power converter. , 2012, , .		1
146	Spinning reserve and emission unit commitment through stochastic optimization. , 2014, , .		1
147	Poly-Si PV system grid connected and fuzzy controlled. , 2015, , .		1
148	Wind energy conversion system under a supervisor deterministic finite state machine. , 2016, , .		1
149	Ride through fault on the rectifier controller of an offshore wind system aided by VRFB. , 2018, , .		1
150	Wind-PV-Thermal Power Aggregator in Electricity Market. IFIP Advances in Information and Communication Technology, 2018, , 101-110.	0.5	1
151	Implementation of a YBCO Superconducting ZFC-Magnetic Bearing Prototype. IEEE Transactions on Industry Applications, 2019, 55, 327-335.	3.3	1
152	Three-Phase Unidirectional Transformerless Hybrid Rectifier with Boost Converter. , 2019, , .		1
153	Electric Vehicles Aggregation in Market Environment: A Stochastic Grid-to-Vehicle and Vehicle-to-Grid Management. IFIP Advances in Information and Communication Technology, 2019, , 343-352.	0.5	1
154	A Team Allocation Decision for Aircraft Fleet Maintenance. IOP Conference Series: Materials Science and Engineering, 2021, 1024, 012102.	0.3	1
155	Stochastic Unit Commitment Problem with Security and Emissions Constraints. IFIP Advances in Information and Communication Technology, 2014, , 388-397.	0.5	1
156	Energy Household Forecast with ANN for Demand Response and Demand Side Management. Renewable Energy and Power Quality Journal, 0, , 1016-1019.	0.2	1
157	Amorphous Solar Modules Simulation and Experimental Results: Effect of Shading. IFIP Advances in Information and Communication Technology, 2014, , 315-323.	0.5	1
158	Simulation of Offshore Wind System with Three-Level Converters: HVDC Power Transmission in Cloud Scope. IFIP Advances in Information and Communication Technology, 2015, , 440-447.	0.5	1
159	Levitating Bearings Using Superconductor Technology Under Smart Systems Scope. IFIP Advances in Information and Communication Technology, 2017, , 390-397.	0.5	1
160	Fractional Control of an Offshore Wind System. SSRN Electronic Journal, 0, , .	0.4	1
161	Wireless Battery Charger for EV with Circular or Planar Coils: Comparison. IFIP Advances in Information and Communication Technology, 2018, , 214-223.	0.5	1
162	Efficiency Improvement in Wireless Power System. Advances in Wireless Technologies and Telecommunication Book Series, 2019, , 23-48.	0.3	1

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163	Study of Electric Field Emissions in Wireless Energy Transfer. IFIP Advances in Information and Communication Technology, 2020, , 233-245.	0.5	1
164	Moving least-squares in finite strain analysis with tetrahedra support. Engineering Analysis With Boundary Elements, 2022, 139, 1-13.	2.0	1
165	Large Geographical Area Aerial Surveillance Systems Data Network Infrastructure Managed by Artificial Intelligence and Certified over Blockchain: A Review. Network, 2021, 1, 335-353.	1.5	1
166	Integrated WPT-PLC System Applied to UAV: Characterization of a Two-Coil Channel Considering Misalignment Scenarios. Electronics (Switzerland), 2022, 11, 1249.	1.8	1
167	Short-Term Consequences of Asteroid Impacts into the Ocean: A Portuguese Case Study. Universe, 2022, 8, 279.	0.9	1
168	Simulation of wind power generation with fractional controllers: Harmonics analysis. , 2010, , .		0
169	Computer simulations of a converter control malfunction on PMSG-based wind turbines. , 2011, , .		0
170	Three-level Converter in Offshore Wind Energy Systems: New Strategy for Unbalancing in Capacitors Voltage. Procedia Technology, 2014, 17, 452-460.	1.1	0
171	Innovative design on technology of urban Darrieus VAWT: Field tests. , 2015, , .		0
172	Offer strategy for a wind power producer in day-ahead market. , 2015, , .		0
173	Simulation of a rectifier malfunction on a offshore wind system with HVDC transmission. , 2015, , .		0
174	Integration of Evora-InovGrid smartmeters in a consumer's SCADA system. , 2015, , .		0
175	Stochastic optimization of coordinated wind-photovoltaic bids in electricity markets. , 2016, , .		0
176	Offshore Wind Energy Conversion System Connected to the Electric Grid: Modeling and Simulation. IFIP Advances in Information and Communication Technology, 2016, , 387-403.	0.5	0
177	HVDC Power transmission simulation for offshore wind system with three-level converter. , 2016, , .		0
178	Stochastic Optimization for the Daily Joint Operation of Wind/PV and Energy Storage. IFIP Advances in Information and Communication Technology, 2017, , 277-286.	0.5	0
179	Darrieus Wind Turbine Prototype Control Study. , 2018, , .		0
180	Stochastic Management of Bidirectional Electric Vehicles: The Case of an Electric Vehicles Aggregator. , 2019, , .		0

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181	Auxiliary Digital Control Unit for Capacitor Banks. IFIP Advances in Information and Communication Technology, 2019, , 367-375.	0.5	0
182	Aggregation of Wind, Photovoltaic and Thermal Power with Demand Response. , 2019, , .		0
183	Aerostat Powered by PV Cells: Hot-Spot Effect. , 2019, , .		0
184	Fractional Order Processing of Satellite Images. Applied Sciences (Switzerland), 2021, 11, 5288.	1.3	0
185	Modelling, Iterative Procedure and Simulation Results for a Monocrystalline Solar Cell. Renewable Energy and Power Quality Journal, 0, , 541-544.	0.2	0
186	Optimal Operation Planning of Wind-Hydro Power Systems Using a MILP Approach. IFIP Advances in Information and Communication Technology, 2014, , 277-286.	0.5	0
187	Simulation of Offshore Wind Turbine Link to the Electric Grid through a Four-Level Converter. IFIP Advances in Information and Communication Technology, 2014, , 324-331.	0.5	0
188	Offering Strategies of Wind Power Producers in a Day-Ahead Electricity Market. IFIP Advances in Information and Communication Technology, 2015, , 385-394.	0.5	0
189	Self-scheduling of Wind-Thermal Systems Using a Stochastic MILP Approach. IFIP Advances in Information and Communication Technology, 2017, , 242-250.	0.5	0
190	Optimization of Wind Power Producer Participation in Electricity Markets with Energy Storage in a Way of Energy 4.0. Advances in Intelligent Systems and Computing, 2018, , 91-101.	0.5	0
191	Offshore Wind System in the Way of Energy 4.0: Ride Through Fault Aided by Fractional PI Control and VRFB. Springer Proceedings in Mathematics and Statistics, 2019, , 85-106.	0.1	0
192	Scenario Reduction for Stochastic Optimization Applied to Short-Term Trading of PV Power. IFIP Advances in Information and Communication Technology, 2020, , 246-255.	0.5	0