Francisco Jurado

List of Publications by Citations

385 papers	7,250 citations	44 h-index	67 g-index
431 ext. papers	9,304 ext. citations	4.6 avg, IF	6.88 L-index

#	Paper	IF	Citations
385	Sizing optimization, dynamic modeling and energy management strategies of a stand-alone PV/hydrogen/battery-based hybrid system. *International Journal of Hydrogen Energy*, **2013**, 38, 3830-3845	6.7	177
384	Energy Management System of Fuel-Cell-Battery Hybrid Tramway. *IEEE Transactions on Industrial Electronics*, **2010**, 57, 4013-4023	8.9	162
383	Aggregated dynamic model for wind farms with doubly fed induction generator wind turbines. *Renewable Energy*, **2008**, 33, 129-140	8.1	161
382	Optimal energy management system for stand-alone wind turbine/photovoltaic/hydrogen/battery hybrid system with supervisory control based on fuzzy logic. *International Journal of Hydrogen Energy*, **2013**, 38, 14146-14158	6.7	154
381	Predictive Control for the Energy Management of a Fuel-Cell–Battery–Supercapacitor Tramway. *IEEE Transactions on Industrial Informatics*, **2014**, 10, 276-285	11.9	147
380	Equivalent models of wind farms by using aggregated wind turbines and equivalent winds. *Energy Conversion and Management*, **2009**, 50, 691-704	10.6	140
379	ANFIS-Based Control of a Grid-Connected Hybrid System Integrating Renewable Energies, Hydrogen and Batteries. *IEEE Transactions on Industrial Informatics*, **2014**, 10, 1107-1117	11.9	133
378	Control strategies for high-power electric vehicles powered by hydrogen fuel cell, battery and supercapacitor. *Expert Systems With Applications*, **2013**, 40, 4791-4804	7.8	129
377	Viability study of a FC-battery-SC tramway controlled by equivalent consumption minimization strategy. *International Journal of Hydrogen Energy*, **2012**, 37, 9368-9382	6.7	128
376	Probabilistic load flow for photovoltaic distributed generation using the Cornish–Fisher expansion. *Electric Power Systems Research*, **2012**, 89, 129-138	3.5	125
375	Comparative study on the performance of control systems for doubly fed induction generator (DFIG) wind turbines operating with power regulation. *Energy*, **2008**, 33, 1438-1452	7.9	116
374	Optimization of distributed generation systems using a new discrete PSO and OPF. *Electric Power Systems Research*, **2012**, 84, 174-180	3.5	105
373	Comparison between discrete STFT and wavelets for the analysis of power quality events. *Electric Power Systems Research*, **2002**, 62, 183-190	3.5	95
372	Hierarchical energy management system for stand-alone hybrid system based on generation costs and cascade control. *Energy Conversion and Management*, **2014**, 77, 514-526	10.6	81
371	Probabilistic load flow for radial distribution networks with photovoltaic generators. *IET Renewable Power Generation*, **2012**, 6, 110	2.9	78
370	Energy dispatching based on predictive controller of an off-grid wind turbine/photovoltaic/hydrogen/battery hybrid system. *Renewable Energy*, **2015**, 74, 326-336	8.1	77
369	Dynamic models of wind farms with fixed speed wind turbines. *Renewable Energy*, **2006**, 31, 1203-1230	8.1	77

368	Hybrid electric system based on fuel cell and battery and integrating a single dc/dc converter for a tramway. *Energy Conversion and Management*, **2011**, 52, 2183-2192	10.6	76
367	Electrolyzer models for hydrogen production from wind energy systems. *International Journal of Hydrogen Energy*, **2015**, 40, 2927-2938	6.7	73
366	Predictive control of solid oxide fuel cells using fuzzy Hammerstein models. *Journal of Power Sources*, **2006**, 158, 245-253	8.9	72
365	Hybrid fuel cell and battery tramway control based on an equivalent consumption minimization strategy. *Control Engineering Practice*, **2011**, 19, 1182-1194	3.9	67
364	A Honey Bee Foraging approach for optimal location of a biomass power plant. *Applied Energy*, **2010**, 87, 2119-2127	10.7	67
363	A method for the identification of solid oxide fuel cells using a Hammerstein model. *Journal of Power Sources*, **2006**, 154, 145-152	8.9	67
362	Decentralized energy management strategy based on predictive controllers for a medium voltage direct current photovoltaic electric vehicle charging station. *Energy Conversion and Management*, **2016**, 108, 1-13	10.6	64
361	Modelling and assessment of the combined technical impact of electric vehicles and photovoltaic generation in radial distribution systems. *Energy*, **2017**, 141, 316-332	7.9	64
360	Voltage unbalance assessment in secondary radial distribution networks with single-phase photovoltaic systems. *International Journal of Electrical Power and Energy Systems*, **2015**, 64, 646-654	5.1	62
359	Control and operation of power sources in a medium-voltage direct-current microgrid for an electric vehicle fast charging station with a photovoltaic and a battery energy storage system. *Energy*, **2016**, 115, 38-48	7.9	59
358	Optimal allocation and sizing for profitability and voltage enhancement of PV systems on feeders. *Renewable Energy*, **2007**, 32, 1768-1789	8.1	59
357	Macrophage response to experimental implantation of polypropylene prostheses. *European Surgical Research*, **1994**, 26, 46-53	1.1	55
356	Study of a downdraft gasifier and externally fired gas turbine for olive industry wastes. *Fuel Processing Technology*, **2011**, 92, 1970-1979	7.2	53
355	An improved moth-flame optimization algorithm for solving optimal power flow problem. *International Transactions on Electrical Energy Systems*, **2019**, 29, e2743	2.2	53
354	Efficient optimization technique for multiple DG allocation in distribution networks. *Applied Soft Computing Journal*, **2020**, 86, 105938	7.5	51
353	Study of a downdraft gasifier and gas engine fueled with olive oil industry wastes. *Applied Thermal Engineering*, **2013**, 51, 119-129	5.8	50
352	Modeling SOFC plants on the distribution system using identification algorithms. *Journal of Power Sources*, **2004**, 129, 205-215	8.9	50
351	Neuro-fuzzy controller for gas turbine in biomass-based electric power plant. *Electric Power Systems Research*, **2002**, 60, 123-135	3.5	48

350	Optimal sizing and power schedule in PV household-prosumers for improving PV self-consumption and providing frequency containment reserve. *Energy*, **2020**, 191, 116554	7.9	48
349	Optimized operation combining costs, efficiency and lifetime of a hybrid renewable energy system with energy storage by battery and hydrogen in grid-connected applications. *International Journal of Hydrogen Energy*, **2016**, 41, 23132-23144	6.7	47
348	Long-term optimization based on PSO of a grid-connected renewable energy/battery/hydrogen hybrid system. *International Journal of Hydrogen Energy*, **2014**, 39, 10805-10816	6.7	47
347	Particle swarm optimization for biomass-fuelled systems with technical constraints. *Engineering Applications of Artificial Intelligence*, **2008**, 21, 1389-1396	7.2	47
346	Comparison of control schemes for a fuel cell hybrid tramway integrating two dc/dc converters. *International Journal of Hydrogen Energy*, **2010**, 35, 5731-5744	6.7	46
345	Similarity in behavior of polytetrafluoroethylene (ePTFE) prostheses implanted into different interfaces. *Journal of Biomedical Materials Research Part B*, **1996**, 31, 1-9		46
344	Optimal sizing of stand-alone hybrid systems based on PV/WT/FC by using several methodologies. *Journal of the Energy Institute*, **2014**, 87, 330-340	5.7	45
343	Comparison between externally fired gas turbine and gasifier-gas turbine system for the olive oil industry. *Energy*, **2011**, 36, 6720-6730	7.9	45
342	Lightning and Surge Protection in Photovoltaic Installations. *IEEE Transactions on Power Delivery*, **2008**, 23, 1961-1971	4.3	45
341	Modified water cycle algorithm for optimal direction overcurrent relays coordination. *Applied Soft Computing Journal*, **2019**, 74, 10-25	7.5	44
340	Modified grasshopper optimization framework for optimal power flow solution. *Electrical Engineering*, **2019**, 101, 121-148	1.5	42
339	Optimal Placement of DGs in Distribution System Using an Improved Harris Hawks Optimizer Based on Single- and Multi-Objective Approaches. *IEEE Access*, **2020**, 8, 52815-52829	3.5	42
338	Coordinate operation of power sources in a doubly-fed induction generator wind turbine/battery hybrid power system. *Journal of Power Sources*, **2012**, 205, 354-366	8.9	42
337	Improved NR current injection load flow using power mismatch representation of PV bus. *International Journal of Electrical Power and Energy Systems*, **2013**, 53, 64-68	5.1	42
336	Operation mode control of a hybrid power system based on fuel cell/battery/ultracapacitor for an electric tramway. *Computers and Electrical Engineering*, **2013**, 39, 1993-2004	4.3	41
335	Optimal placement of biomass fuelled gas turbines for reduced losses. *Energy Conversion and Management*, **2006**, 47, 2673-2681	10.6	41
334	Control based on techno-economic optimization of renewable hybrid energy system for stand-alone applications. *Expert Systems With Applications*, **2016**, 51, 59-75	7.8	40
333	Experimental and economic study of a gasification plant fuelled with olive industry wastes. *Energy for Sustainable Development*, **2014**, 23, 247-257	5.4	40

332	Biomass gasification coupled to an EFGT-ORC combined system to maximize the electrical energy generation: A case applied to the olive oil industry. *Energy*, **2018**, 144, 41-53	7.9	40
331	Decentralized Fuzzy Logic Control of Microgrid for Electric Vehicle Charging Station. *IEEE Journal of Emerging and Selected Topics in Power Electronics*, **2018**, 6, 726-737	5.6	39
330	Modelling of combined cycle power plants using biomass. *Renewable Energy*, **2003**, 28, 743-753	8.1	39
329	Energy control and size optimization of a hybrid system (photovoltaic-hidrokinetic) using various storage technologies. *Sustainable Cities and Society*, **2020**, 52, 101773	10.1	39
328	Technical impact of photovoltaic-distributed generation on radial distribution systems: Stochastic simulations for a feeder in Spain. *International Journal of Electrical Power and Energy Systems*, **2013**, 50, 25-32	5.1	38
327	Impact comparison of PV system integration into rural and urban feeders. *Energy Conversion and Management*, **2008**, 49, 1747-1765	10.6	38
326	Optimization of biomass fuelled systems for distributed power generation using Particle Swarm Optimization. *Electric Power Systems Research*, **2008**, 78, 1448-1455	3.5	38
325	Power control based on particle swarm optimization of grid-connected inverter for hybrid renewable energy system. *Energy Conversion and Management*, **2015**, 91, 83-92	10.6	36
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323	Optimal placement and sizing from standpoint of the investor of Photovoltaics Grid-Connected Systems using Binary Particle Swarm Optimization. *Applied Energy*, **2010**, 87, 1911-1918	10.7	36
322	Operating capability as a PQ/PV node of a direct-drive wind turbine based on a permanent magnet synchronous generator. *Renewable Energy*, **2010**, 35, 1308-1318	8.1	36
321	Adaptive control of a fuel cell-microturbine hybrid power plant. *IEEE Transactions on Energy Conversion*, **2003**, 18, 342-347	5.4	36
320	Voltage behaviour in radial distribution systems under the uncertainties of photovoltaic systems and electric vehicle charging loads. *International Transactions on Electrical Energy Systems*, **2018**, 28, e2490	2.2	35
319	Modelling of biomass gasifier and microturbine for the olive oil industry. *International Journal of Energy Research*, **2012**, 36, 355-367	4.5	34
318	Rapid thawing increases the fragility of the cryopreserved arterial wall. *European Journal of Vascular and Endovascular Surgery*, **2000**, 20, 13-20	2.3	34
317	Improving long-term operation of power sources in off-grid hybrid systems based on renewable energy, hydrogen and battery. *Journal of Power Sources*, **2014**, 265, 149-159	8.9	33
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315	Power supply quality improvement with a SOFC plant by neural-network-based control. *Journal of Power Sources*, **2003**, 117, 75-83	8.9	32

314	Energy analysis and techno-economic assessment of a hybrid PV/HKT/BAT system using biomass gasifier: Cuenca-Ecuador case study. *Energy*, **2020**, 202, 117727	7.9	31
313	Solving Non-Smooth Optimal Power Flow Problems Using a Developed Grey Wolf Optimizer. *Energies*, **2018**, 11, 1692	3.1	31
312	A novel methodology for optimal sizing photovoltaic-battery systems in smart homes considering grid outages and demand response. *Renewable Energy*, **2021**, 170, 884-896	8.1	31
311	Developed generalised unified power flow controller model in the Newton–Raphson power-flow analysis using combined mismatches method. *IET Generation, Transmission and Distribution*, **2016**, 10, 2177-2184	2.5	30
310	Application of cascade and fuzzy logic based control in a model of a fuel-cell hybrid tramway. *Engineering Applications of Artificial Intelligence*, **2011**, 24, 1-11	7.2	30
309	Effect of phosphatidylcholine on the process of peritoneal adhesion following implantation of a polypropylene mesh prosthesis. *Biomaterials*, **1996**, 17, 1369-72	15.6	30
308	Developed Newton-Raphson based Predictor-Corrector load flow approach with high convergence rate. *International Journal of Electrical Power and Energy Systems*, **2019**, 105, 785-792	5.1	30
307	A binary SFLA for probabilistic three-phase load flow in unbalanced distribution systems with technical constraints. *International Journal of Electrical Power and Energy Systems*, **2013**, 48, 48-57	5.1	29
306	A comprehensive electrical-gas-hydrogen Microgrid model for energy management applications. *Energy Conversion and Management*, **2021**, 228, 113726	10.6	29
305	Comparison of various UPFC models for power flow control. *Electric Power Systems Research*, **2015**, 121, 243-251	3.5	28
304	Power flow control for transmission networks with implicit modeling of static synchronous series compensator. *International Journal of Electrical Power and Energy Systems*, **2015**, 64, 911-920	5.1	28
303	Improving grid integration of wind turbines by using secondary batteries. *Renewable and Sustainable Energy Reviews*, **2014**, 34, 194-207	16.2	28
302	Estimation of induction motor parameters using shuffled frog-leaping algorithm. *Electrical Engineering*, **2013**, 95, 267-275	1.5	28
301	A Robust Power Flow Algorithm Based on Bulirsch–Stoer Method. *IEEE Transactions on Power Systems*, **2019**, 34, 3081-3089	7	28
300	Single- and multi-objective optimal power flow frameworks using Jaya optimization technique. *Neural Computing and Applications*, **2019**, 31, 8787-8806	4.8	27
299	Comparative Study of PEM Fuel Cell Models for Integration in Propulsion Systems of Urban Public Transport. *Fuel Cells*, **2010**, 10, 1024-1039	2.9	27
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295	Updraft gasifier and ORC system for high ash content biomass: A modelling and simulation study. *Fuel Processing Technology*, **2017**, 156, 394-406	7.2	25
294	Probabilistic Load-Flow Analysis of Biomass-Fuelled Gas Engines with Electrical Vehicles in Distribution Systems. *Energies*, **2017**, 10, 1536	3.1	25
293	Solving the Optimal Reactive Power Dispatch Using Marine Predators Algorithm Considering the Uncertainties in Load and Wind-Solar Generation Systems. *Energies*, **2020**, 13, 4316	3.1	25
292	Optimised operation of power sources of a PV/battery/hydrogen-powered hybrid charging station for electric and fuel cell vehicles. *IET Renewable Power Generation*, **2019**, 13, 3022-3032	2.9	25
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290	Biomass based micro-turbine plant and distribution network stability. *Energy Conversion and Management*, **2004**, 45, 2713-2727	10.6	23
289	Hybrid Whale Optimization Algorithm and Grey Wolf Optimizer Algorithm for Optimal Coordination of Direction Overcurrent Relays. *Electric Power Components and Systems*, **2019**, 47, 644-658	1	22
288	Determination of IPFC operating constraints in power flow analysis. *International Journal of Electrical Power and Energy Systems*, **2016**, 81, 299-307	5.1	22
287	A Method for Particle Swarm Optimization and its Application in Location of Biomass Power Plants. *International Journal of Green Energy*, **2008**, 5, 199-211	3	22
286	The use of ischaemic vessels as prostheses or tissue engineering scaffolds after cryopreservation. *European Journal of Vascular and Endovascular Surgery*, **2002**, 24, 23-30	2.3	22
285	Energy management system based on techno-economic optimization for microgrids. *Electric Power Systems Research*, **2016**, 131, 49-59	3.5	21
284	Shuffled frog-leaping algorithm for parameter estimation of a double-cage asynchronous machine. *IET Electric Power Applications*, **2012**, 6, 484	1.8	21
283	Optimal power flow solution incorporating a simplified UPFC model using lightning attachment procedure optimization. *International Transactions on Electrical Energy Systems*, **2020**, 30, e12170	2.2	21
282	Use of ARX algorithms for modelling micro-turbines on the distribution feeder. *IET Generation, Transmission and Distribution*, **2004**, 151, 232		20
281	Hybrid discrete PSO and OPF approach for optimization of biomass fueled micro-scale energy system. *Energy Conversion and Management*, **2013**, 65, 539-545	10.6	19
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279	Improving distribution system stability by predictive control of gas turbines. *Energy Conversion and Management*, **2006**, 47, 2961-2973	10.6	19

278	Development of combined Runge–Kutta Broyden's load flow approach for well- and ill-conditioned power systems. *IET Generation, Transmission and Distribution*, **2018**, 12, 5723-5729	2.5	19
277	Control of indirect matrix converter with bidirectional output stage for micro-turbine. *IET Power Electronics*, **2012**, 5, 659-668	2.2	18
276	Neural network control for dynamic voltage restorer. *IEEE Transactions on Industrial Electronics*, **2004**, 51, 727-729	8.9	18
275	Modelling micro-turbines using Hammerstein models. *International Journal of Energy Research*, **2005**, 29, 841-855	4.5	18
274	Parameter identification of proton exchange membrane fuel cells using an improved salp swarm algorithm. *Energy Conversion and Management*, **2020**, 224, 113341	10.6	18
273	Optimal electrification of off-grid smart homes considering flexible demand and vehicle-to-home capabilities. *Applied Energy*, **2021**, 298, 117184	10.7	18
272	Distributed FACTS stabilization scheme for efficient utilization of distributed wind energy systems. *International Transactions on Electrical Energy Systems*, **2017**, 27, e2391	2.2	17
271	Binary Particle Swarm Optimization for Optimization of Photovoltaic Generators in Radial Distribution Systems Using Probabilistic Load Flow. *Electric Power Components and Systems*, **2011**, 39, 1667-1684	1	17
270	Evaluation of a Particle Swarm Optimization Based Method for Optimal Location of Photovoltaic Grid-connected Systems. *Electric Power Components and Systems*, **2010**, 38, 1123-1138	1	17
269	Neuro-fuzzy control for autonomous wind–diesel systems using biomass. *Renewable Energy*, **2002**, 27, 39-56	8.1	17
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267	A novel methodology for comprehensive planning of battery storage systems. *Journal of Energy Storage*, **2021**, 37, 102456	7.8	17
266	An improved version of salp swarm algorithm for solving optimal power flow problem. *Soft Computing*, **2021**, 25, 4027-4052	3.5	17
265	Modeling and Analysis of Voltage and Power Control Devices in Current Injections Load Flow Method. *Electric Power Components and Systems*, **2013**, 41, 324-344	1	16
264	Reduced model of DFIGs wind farms using aggregation of wind turbines and equivalent wind		16
263	Model Based Predictive Control of Fuel Cells. *Electric Power Components and Systems*, **2006**, 34, 587-602	1	16
262	Effect of a SOFC plant on distribution system stability. *Journal of Power Sources*, **2004**, 129, 170-179	8.9	16
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259	A simple implementation of power mismatch STATCOM model into current injection NewtonRaphson power-flow method. *Electrical Engineering*, **2014**, 96, 135-144	1.5	15
258	Enhancing the electrical performance of a solid oxide fuel cell using multiobjective genetic algorithms. *Renewable Energy*, **2005**, 30, 881-902	8.1	15
257	Genetic fuzzy control applied to the inverter of solid oxide fuel cell for power quality improvement. *Electric Power Systems Research*, **2005**, 76, 93-105	3.5	15
256	Non-linear modeling of micro-turbines using NARX structures on the distribution feeder. *Energy Conversion and Management*, **2005**, 46, 385-401	10.6	15
255	Optimal Power Flow Using Recent Optimization Techniques **2018**, 157-183		15
254	Comparison of various robust and efficient load-flow techniques based on RungeKutta formulas. *Electric Power Systems Research*, **2019**, 174, 105881	3.5	14
253	Several robust and efficient load flow techniques based on combined approach for ill-conditioned power systems. *International Journal of Electrical Power and Energy Systems*, **2019**, 110, 349-356	5.1	14
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251	Performance Enhancement of Wind Farms Using Tuned SSSC Based on Artificial Neural Network. *International Journal of Interactive Multimedia and Artificial Intelligence*, **2019**, 5, 118	3.8	14
250	Development and Implementation of a Novel Optimization Algorithm for Reliable and Economic Grid-Independent Hybrid Power System. *Applied Sciences (Switzerland)*, **2020**, 10, 6604	2.6	14
249	Development and application of an efficient optimizer for optimal coordination of directional overcurrent relays. *Neural Computing and Applications*, **2020**, 32, 8561-8583	4.8	14
248	Voltage Profile Improvement in Active Distribution Networks Using Hybrid WOA-SCA Optimization Algorithm **2018**,		14
247	New topology for DC/DC bidirectional converter for hybrid systems in renewable energy. *International Journal of Electronics*, **2015**, 102, 418-432	1.2	13
246	Power flow analysis with easy modelling of interline power flow controller. *Electric Power Systems Research*, **2014**, 108, 234-244	3.5	13
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244	Combined molten carbonate fuel cell and gas turbine systems for efficient power and heat generation using biomass. *Electric Power Systems Research*, **2003**, 65, 223-232	3.5	13
243	Scenario-Based Network Reconfiguration and Renewable Energy Resources Integration in Large-Scale Distribution Systems Considering Parameters Uncertainty. *Mathematics*, **2021**, 9, 26	2.3	13

242	Optimal allocation of distribution static compensators using a developed multi-objective sine cosine approach. *Computers and Electrical Engineering*, **2020**, 85, 106671	4.3	12
241	Capacitors Allocation in Distribution Systems Using a Hybrid Formulation Based on Analytical and Two Metaheuristic Optimization Techniques. *Computers and Electrical Engineering*, **2020**, 85, 106675	4.3	12
240	Probabilistic optimal allocation of biomass fueled gas engine in unbalanced radial systems with metaheuristic techniques. *Electric Power Systems Research*, **2014**, 108, 35-42	3.5	12
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237	Improvement of the tissue integration of a new modified polytetrafluoroethylene prosthesis: Mycro Mesh. *Biomaterials*, **1996**, 17, 1265-71	15.6	12
236	Life cycle assessment of the Spanish virgin olive oil production: A case study for Andalusian region. *Journal of Cleaner Production*, **2021**, 290, 125677	10.3	12
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234	Development and application of evaporation rate water cycle algorithm for optimal coordination of directional overcurrent relays. *Expert Systems With Applications*, **2021**, 185, 115538	7.8	12
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231	Comparative analysis of probabilistic and deterministic approach to tune the power system stabilizers using the directional bat algorithm to improve system small-signal stability. *Electric Power Systems Research*, **2020**, 181, 106176	3.5	11
230	Multi-Objective Optimal Reactive Power Planning under Load Demand and Wind Power Generation Uncertainties Using □Constraint Method. *Applied Sciences (Switzerland)*, **2020**, 10, 2859	2.6	11
229	Sizing methods for stand-alone hybrid systems based on renewable energies and hydrogen **2012**,		11
228	PEM fuel cell modeling using system identification methods for urban transportation applications. *International Journal of Hydrogen Energy*, **2011**, 36, 7628-7640	6.7	11
227	Predictive Control of Matrix Converter-based Micro-turbine. *Electric Power Components and Systems*, **2008**, 36, 409-431	1	11
226	Efficient solution of many-objective Home Energy Management systems. *International Journal of Electrical Power and Energy Systems*, **2022**, 136, 107666	5.1	11
225	ANN-Based STATCOM Tuning for Performance Enhancement of Combined Wind Farms. *Electric Power Components and Systems*, **2019**, 47, 10-26	1	11

224	Stability improvement of power systems connected with developed wind farms using SSSC controller. *Ain Shams Engineering Journal*, **2018**, 9, 2767-2779	4.4	11
223	Parameter Identification of Proton Exchange Membrane Fuel Cell Based on Hunger Games Search Algorithm. *Energies*, **2021**, 14, 5022	3.1	11
222	Multilevel Inverter: A Survey on Classical and Advanced Topologies, Control Schemes, Applications to Power System and Future Prospects. *Energies*, **2021**, 14, 5773	3.1	11
221	An effective load-flow approach based on Gauss-Newton formulation. *International Journal of Electrical Power and Energy Systems*, **2019**, 113, 573-581	5.1	10
220	Metaheuristic and probabilistic techniques for optimal allocation and size of biomass distributed generation in unbalanced radial systems. *IET Renewable Power Generation*, **2015**, 9, 653-659	2.9	10
219	Reliability optimization of an electric power system by biomass fuelled gas engine. *International Journal of Electrical Power and Energy Systems*, **2014**, 61, 81-89	5.1	10
218	Optimal Performance of Doubly Fed Induction Generator Wind Farm Using Multi-Objective Genetic Algorithm. *International Journal of Interactive Multimedia and Artificial Intelligence*, **2019**, 5, 48	3.8	10
217	Comparative study of two new energy control systems based on PEMFC for a hybrid tramway in Ecuador. *International Journal of Hydrogen Energy*, **2020**, 45, 25357-25377	6.7	10
216	Robust and efficient approach based on Richardson extrapolation for solving badly initialised/ill-conditioned power-flow problems. *IET Generation, Transmission and Distribution*, **2019**, 13, 3524-3533	2.5	10
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214	Home energy management in off-grid dwellings: Exploiting flexibility of thermostatically controlled appliances. *Journal of Cleaner Production*, **2021**, 310, 127507	10.3	10
213	Control of electric vehicles fast charging station supplied by PV/energy storage system/grid **2016**,		9
212	Development of UPFC operating constraints enforcement approach for power flow control. *IET Generation, Transmission and Distribution*, **2019**, 13, 4579-4591	2.5	9
211	Hammerstein-model-based predictive control of micro-turbines. *International Journal of Energy Research*, **2006**, 30, 511-521	4.5	9
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209	Robust control for fuel cell□icroturbine hybrid power plant using biomass. *Energy*, **2005**, 30, 1711-1727	7.9	9
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