

UNIVERSIDAD DE JAÉN. INGENIERÍA ELÉCTRICA

PRODUCCIÓN CIENTÍFICA

AÑO 2020

* Nº TOTAL PUBLICACIONES EN REVISTAS JCR	57
1. PRIMER CUARTIL	20
2. SEGUNDO CUARTIL	23
3. TERCER CUARTIL	10
4. CUARTO CUARTIL	4
TOTAL PUBLICACIONES EN REVISTAS REGISTRADAS EN SICA	65
LIBROS	0
CAPITULOS DE LIBROS	2
PATENTES	1
Nº TOTAL APORTACIONES A CONGRESOS	13
PONENCIAS	8
COMUNICACIONES	4
CONFERENCIAS	0
POSTER	1
OTROS	0

DESARROLLO DE RESULTADOS

AUTORES	PRODUCCIÓN	Tipo	Subtipo	JCR	Cuartil
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Selim, Ali	Single and multi-objective optimization for photovoltaic distributed generators implementation in probabilistic power flow algorithm. Electrical Engineering: Archiv fuer Elektrotechnik (0948-7921). 2020. vol.102 - 1. Pag.331 - 348	Publicaciones en Revista	Articulo	JCR	Q4
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah	Optimal SVC allocation in power systems using lightning attachment procedure optimization. Turkish Journal of Electrical Engineering and Computer Sciences (1300-0632). 2020. vol.28 - 4. Pag.2360 - 2374	Publicaciones en Revista	Articulo	JCR	Q4
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah	Optimal load shedding of power system including optimal TCSC allocation using moth swarm algorithm. Iranian Journal of Science and Technology. Transactions of Electrical Engineering (2228-6179). 2020. vol.44 - 2. Pag.741 - 765	Publicaciones en Revista	Articulo	JCR	Q4
Jiménez Castillo, Gabino; Martínez-calahorra, Antonio Javier; Muñoz-Rodríguez, Francisco José; Rus-Casas, Catalina	DISTRIBUTED GENERATION AND PHOTOVOLTAIC SELF-CONSUMPTION. ENERGY POTENTIAL FOR THE OLIVE MILL INDUSTRIES IN SPAIN. Dyna (0012-7361). 2020. vol.9748. TECNOLOGÍA ENERGÉTICA - 3322.02 Generación de energía. Pag.1 - 5	Publicaciones en Revista	Articulo	JCR	Q4
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Selim, Ali	Development and implementation of a novel optimization algorithm for reliable and economic grid-independent hybrid power system. Applied Sciences (). 2020. vol.10 - . Pag.6604 -	Publicaciones en Revista	Articulo	JCR	Q3
Ebeed , Mohamed; Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah	Solving the optimal reactive power dispatch using marine predators algorithm considering the uncertainties in load and wind-solar generation systems. Energies (1996-1073). 2020. vol.13 - . Pag.4316 -	Publicaciones en Revista	Articulo	JCR	Q3
Jurado-Melguizo, Francisco; Selim, Ali	Voltage stability analysis based on optimal placement of multiple DG types using hybrid optimization technique. International Transaction on Electrical Energy System (). 2020. vol.30 - 10. Pag.e12551-1 - e12551-10	Publicaciones en Revista	Articulo	JCR	Q3
Jurado-Melguizo, Francisco	Multi-objective optimal reactive power planning under load demand and wind power generation uncertainties using ϵ -constraint method. Applied Sciences (). 2020. vol.10 - . Pag.2859 -	Publicaciones en Revista	Articulo	JCR	Q3
Jurado-Melguizo, Francisco	Evaluation of Energy Efficiency and the Reduction of Atmospheric Emissions by Generating Electricity from a Solar Thermal Power Generation Plant. Energies (1996-1073). 2020. vol.13 - 3. Pag.645 -	Publicaciones en Revista	Articulo	JCR	Q3
Jurado-Melguizo, Francisco; Lata - García, Juan; Paul Arévalo	Optimization of an Off-Grid Hybrid System Using Lithium Ion Batteries. Acta Polytechnica Hungarica (1785-8860). 2020. vol.17 - 3. Pag.185 - 206	Publicaciones en Revista	Articulo	JCR	Q3
Ebeed , Mohamed; Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah	Optimal power flow solution incorporating a simplified UPFC model using lightning attachment procedure optimization. International Transaction on Electrical Energy System (). 2020. vol.30 - 1. Pag.e12170 -	Publicaciones en Revista	Articulo	JCR	Q3
Cano-Ortega, Antonio; Sánchez, Francisco José	Performance Optimization LoRa Network by Artificial Bee Colony Algorithm to Determination of the Load Profiles in Dwellings. Energies (1996-1073). 2020. vol.13 - 3. Pag.517 - 546	Publicaciones en Revista	Articulo	JCR	Q3
Benavides, Dario; Jurado-Melguizo, Francisco; Lata - García, Juan; Paul Arévalo	Techno-economic evaluation of renewable energy systems combining PV-WT-HKT sources: Effects of energy management under Ecuadorian conditions. International Transaction on Electrical Energy System (). 2020. vol.30 - 10. Pag. -	Publicaciones en Revista	Articulo	JCR	Q3
García-Triviño, Pablo; López-García, Diego A.; Pérez-Torreglosa, Juan; Vera-Candeas, David	Analyzing the Improvements of Energy Management Systems for Hybrid Electric Vehicles Using a Systematic Literature Review: How Far Are These Controls from Rule-Based Controls Used in Commercial Vehicles?. Applied Sciences (). 2020. vol.10(23). 8744 -	Publicaciones en Revista	Articulo	JCR	Q3
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Tostado-véliz, Marcos	A Promising Framework Based on Multistep Continuous Newton Scheme for Developing Robust Power-Flow Methods. IET Generation, Transmission and Distribution (1751-8687). 2020. vol.14 - 2. Pag.265 - 274	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco	Enhanced control scheme for a three-phase grid-connected PV inverter under unbalanced fault conditions. Electronics (2079-9292). 2020. vol.9 - . Pag.1247 -	Publicaciones en Revista	Articulo	JCR	Q2
Aguiar-Peña, Juan Domingo; Fernández-carrasco, Juan Ignacio; Jiménez Castillo, Gabino; Muñoz-Rodríguez, Francisco José; Rus-Casas, Catalina	Development of a Prototype for Monitoring Photovoltaic Self-Consumption Systems. Electronics (2079-9292). 2020. vol.9(1) - 67. Pag.1 -	Publicaciones en Revista	Articulo	JCR	Q2
Jiménez Castillo, Gabino; Marco Tina, Giuseppe; Martínez-calahorra, Antonio Javier; Muñoz-Rodríguez, Francisco José; Rus-Casas, Catalina	Impacts of Array Orientation and Tilt Angles for Photovoltaic Self-Sufficiency and Self-Consumption Indices in Olive Mills in Spain. Electronics (2079-9292). 2020. vol.9(2) - 348. Pag.1 - 26	Publicaciones en Revista	Articulo	JCR	Q2
Cano-Ortega, Antonio; Sánchez, Francisco José	Smart Public Lighting Control and Measurement System Using LoRa Network. Electronics (2079-9292). 2020. vol.9 - 1. Pag.124 - 152	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Selim, Ali	Capacitors allocation in distribution systems using a hybrid formulation based on analytical and two metaheuristic optimization techniques. Computers & Electrical Engineering (0045-7906). 2020. vol.85 - . Pag.106675 -	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah	Tree growth algorithm for parameter identification of proton exchange membrane fuel cell models. International Journal of Interactive Multimedia and Artificial Intelligence (). 2020. vol.6 - 2. Pag.101 - 111	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Selim, Ali	Voltage stability assessment of radial distribution systems including optimal allocation of distributed generators. International Journal of Interactive Multimedia and Artificial Intelligence (). 2020. vol.6 - 1. Pag.32 - 40	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco	A methodology for imposing harmonic distortion's penalty in customers bill. Electric Power Systems Research (0378-7796). 2020. vol.183 - . Pag.106268 -	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco	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 (0378-7796). 2020. vol.181 - . Pag.106176 -	Publicaciones en Revista	Articulo	JCR	Q2

Casa-Hernandez, Jesus De La; Jurado-Melguizo, Francisco; Ruiz-Rodríguez, Francisco Javier; Sánchez, Francisco José Cano-Ortega, Antonio	Tracing harmonic distortion and voltage unbalance in secondary radial distribution networks with photovoltaic uncertainties by an iterative multiphase harmonic load flow. <i>Electric Power Systems Research</i> (0378-7796). 2020. vol.185 - . Pag. - Unbalance characteristics of fundamental and harmonic currents of three-phase electric vehicle battery chargers. <i>IET Generation, Transmission and Distribution</i> (1751-8687). 2020. vol. - . Pag. -	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco; Ruiz-Rodríguez, Francisco Javier	Tracing harmonic distortion and voltage unbalance in secondary radial distribution networks with photovoltaic uncertainties by an iterative multiphase harmonic load flow. <i>Electric Power Systems Research</i> (0378-7796). 2020. vol.185 - . Pag.106342 -	Publicaciones en Revista	Articulo	JCR	Q2
Aguilar-Peña, Juan Domingo; Eliche-Quesada, Dolores; Jiménez Castillo, Gabino; Rubia-García, M ^o Dolores La; Rus-Casas, Catalina	The Impact of the Entrepreneurship Promotion Programs and the Social Networks on the Sustainability Entrepreneurial Motivation of Engineering Students. <i>Sustainability</i> (). 2020. vol.12(12) - 4935. Pag. -	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Selim, Ali	Optimal allocation of distribution static compensators using a developed multi-objective sine cosine approach. <i>Computers & Electrical Engineering</i> (0045-7906). 2020. vol.85 - . Pag.106671 -	Publicaciones en Revista	Articulo	JCR	Q2
Espinilla-Estévez, Macarena; Mata-Mata, Francisco; Verdejo-Espinosa, Maria Angeles	Smart Grids and Their Role in Transforming Human Activities¿A Systematic Literature Review. <i>Sustainability</i> (). 2020. vol.12 - 20. Pag.8662 - 8688	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco	Optimal Power Flow Incorporating FACTS Devices and Stochastic Wind Power Generation using Krill Herd Algorithm. <i>Electronics</i> (2079-9292). 2020. vol.9 - . Pag.1043 -	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco; Korashy, Ahmed; Mohamed-Kamel, Salah	Developed Multi-Objective Grey Wolf Optimizer with Fuzzy Logic Decision-Making Tool for Direction Overcurrent Relays Coordination. <i>Soft Computing</i> (1432-7643). 2020. vol.24 - 17. Pag.13305 - 13317	Publicaciones en Revista	Articulo	JCR	Q2
Cano-Ortega, Antonio; Jurado-Melguizo, Francisco; Paul Arévalo	Comparative study of two new energy control systems based on PEMFC for a hybrid tramway in Ecuador. <i>International Journal of Hydrogen Energy</i> (0360-3199). 2020. vol.45 - . Pag.25357 - 25377	Publicaciones en Revista	Articulo	JCR	Q2
Gomez-Vidal, Pedro; Jiménez Castillo, Gabino; Martínez-calahorro, Antonio Javier; Muñoz-Rodríguez, Francisco José; Rus-Casas, Catalina	Photovoltaic Self-Consumption in Industrial Cooling and Refrigeration. <i>Electronics</i> (2079-9292). 2020. vol.9(12) - 2204. Pag.1 - 21	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco	A novel protection scheme for multi-terminal transmission lines based on wavelet transform. <i>Electric Power Systems Research</i> (0378-7796). 2020. vol.183 - . Pag.106286 -	Publicaciones en Revista	Articulo	JCR	Q2
Casa-Hernandez, Jesus De La; Medina-Quesada, M ^o Angeles; Muñoz-Cerón, Emilio; Rus-Casas, Catalina	Identification of Educational Models That Encourage Business Participation in Higher Education Institutions. <i>Sustainability</i> (). 2020. vol.12(20), - 8421. Pag. -	Publicaciones en Revista	Articulo	JCR	Q2
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Tostado-véliz, Marcos	Power Flow Approach based on the S-iteration Process. <i>IEEE Transactions on Power Systems</i> (0885-8950). 2020. vol.35 - 6. Pag.4148 - 4158	Publicaciones en Revista	Articulo	JCR	Q1
Alquthami, Thamer; Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Tostado-véliz, Marcos	A three-stage algorithm based on a Semi-Implicit approach for solving the Power-Flow in realistic large-scale ill-conditioned systems. <i>IEEE Access</i> (). 2020. vol.8 - . Pag.35299 - 35307	Publicaciones en Revista	Articulo	JCR	Q1
Casa-Hernandez, Jesus De La; Jurado-Melguizo, Francisco; Ruiz-Rodríguez, Francisco Javier	Iterative harmonic load flow by using the point-estimate method and complex affine arithmetic for radial distribution systems with photovoltaic uncertainties. <i>International Journal of Electrical Power & Energy Systems</i> (0142-0615). 2020. vol.118 - . Pag. -	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Tostado-véliz, Marcos	An Efficient and Reliable Power Flow Solution Method for Large Scale Ill- Conditioned cases based on the Romberg's Integration Scheme. <i>International Journal of Electrical Power & Energy Systems</i> (0142-0615). 2020. vol.123 - 106264. Pag. -	Publicaciones en Revista	Articulo	JCR	Q1
Casa-Hernandez, Jesus De La; Gomez-Gonzalez, Manuel; Jurado-Melguizo, Francisco; Vera-Candeas, David	Optimal sizing and power schedule in PV household-prosumers for improving PV self-consumption and providing frequency containment reserve. <i>Energy</i> (0360-5442). 2020. vol.191 - . Pag. -	Publicaciones en Revista	Articulo	JCR	Q1
Cano-Ortega, Antonio; Jurado-Melguizo, Francisco; Paul Arévalo	Energy analysis and techno-economic assessment of a hybrid PV/HKT/BAT system using biomass gasifier: Cuenca-Ecuador case study. <i>Energy</i> (0360-5442). 2020. vol.202 - . Pag. - 117727	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Korashy, Ahmed; Mohamed-Kamel, Salah	Optimal coordination of standard and non-standard direction overcurrent relays using an improved moth-flame optimization. <i>IEEE Access</i> (). 2020. vol.8 - 2. Pag.87378 - 87392	Publicaciones en Revista	Articulo	JCR	Q1
Alghamdi, Ali S; Jurado-Melguizo, Francisco; Kamel, Salah; Selim, Ali	Optimal Placement of DGs in Distribution System Using an Improved Harris Hawks Optimizer Based on Single- and Multi-Objective Approaches. <i>IEEE Access</i> (). 2020. vol.8 - . Pag.52815 - 52829	Publicaciones en Revista	Articulo	JCR	Q1
Benavides, Dario; Jurado-Melguizo, Francisco; Lata-garcía, Juan; Paul Arévalo	<i>Energy control and size optimization of a hybrid system (photovoltaichidrokintic) using various storage technologies. Sustainable Cities and Society</i> (2210-6707). 2020. vol.52 - . Pag.101773-1 - 101773-10	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Kamel, Salah; Selim, Ali	Efficient optimization technique for multiple DG allocation in distribution networks. <i>Applied Soft Computing</i> (1568-4946). 2020. vol.86 - . Pag.105938-1 - 105938-10	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah	Fixed bed gasification of corn stover pieces biomass fuel: Egypt as a case study. <i>Biofuels, Bioproducts and Biorefining</i> (1932-104X). 2020. vol.14 - 1. Pag.7 - 19	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Tostado-véliz, Marcos	A Powerful Power-Flow Method based on Composite Newton-Cotes formula for Ill-conditioned Power Systems. <i>International Journal of Electrical Power & Energy Systems</i> (0142-0615). 2020. vol.116 - 105558. Pag. -	Publicaciones en Revista	Articulo	JCR	Q1
Sánchez, Francisco José	Optimal sizing and management strategy for PV household-prosumers with self-consumption/sufficiency enhancement and provision of frequency containment reserve. <i>Applied Energy</i> (0306-2619). 2020. vol.277 - 115529. Pag. -	Publicaciones en Revista	Articulo	JCR	Q1
Sánchez, Francisco José	Survey and assessment of technical and economic features for the provision of frequency control services by household-prosumers. <i>Energy Policy</i> (0301-4215). 2020. vol.146 - 111739. Pag. -	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Tostado-véliz, Marcos	An Efficient Power-Flow Approach Based on Heun and King-Werner's Methods for Solving Both Well and Ill-conditioned Cases. <i>International Journal of Electrical Power & Energy Systems</i> (0142-0615). 2020. vol.119 - 105869. Pag. -	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Selim, Ali	Parameter Identification of Proton Exchange Membrane Fuel Cells Using an Improved Salp Swarm Algorithm. <i>Energy Conversion And Management</i> (0196-8904). 2020. vol.224 - . Pag.113341 -	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Vera-Candeas, David	Modeling and optimization of an ocean thermal energy conversion system for remote islands electrification. <i>Renewable Energy</i> (0960-1481). 2020. vol.162 - . Pag.1399 - 1414	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Korashy, Ahmed; Mohamed-Kamel, Salah	Development and application of an efficient optimizer for optimal coordination of directional overcurrent relays. <i>Neural Computing and Applications</i> (0941-0643). 2020. vol.32 - . Pag.8561 - 8583	Publicaciones en Revista	Articulo	JCR	Q1
Ebeed , Mohamed; Mohamed-Kamel, Salah	Optimal power flow solution with an embedded center-node unified power flow controller using an adaptive grasshopper optimization algorithm. <i>IEEE Access</i> (). 2020. vol.8 - . Pag.119020 - 119037	Publicaciones en Revista	Articulo	JCR	Q1
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Vera, David	Tri-generation Biomass System Based on Externally Fired Gas Turbine, Organic Rankine Cycle and Absorption Chiller. <i>Journal of Cleaner Production</i> (0959-6526). 2020. vol.260 - . Pag.121068 -	Publicaciones en Revista	Articulo	JCR	Q1
Verdejo-Espinosa, Maria Angeles	New Trends in Intelligent Social-Health Systems Empowered by Internet of Every Things. <i>Sensors</i> (1424-3210). 2020. vol.1 - 1. Pag. -	Publicaciones en Revista	Editorial		
Sánchez, Francisco José	Influence of Data Sampling Frequency on Household Consumption Load Profile Features: A Case Study in Spain. <i>Sensors</i> (1424-3210). 2020. vol.20 - 6034. Pag. -	Publicaciones en Revista	Articulo		
Jiménez Castillo, Gabino; López-Talavera, Diego; Muñoz-Rodríguez, Francisco José; Rus-Casas, Catalina	A new approach based on economic profitability to sizing the photovoltaic generator in self-consumption systems without storage. <i>()</i> . 2020. vol.Volume 148 - April 2020. Pag.1017 - 1033	Publicaciones en Revista	Articulo		
Baena-Villodres, Francisco; G. Almonacid Puche; Gomez-Vidal, Pedro; Muñoz-Rodríguez, Francisco José	A new approach to estimate from monitored demand data the limit of the coverage of electricity demand through photovoltaics in large electricity grids. <i>Sensors</i> (1424-3210). 2020. vol.20 - 16. Pag.4390 - 4407	Publicaciones en Revista	Articulo		
Jurado-Melguizo, Francisco; Paul Arévalo	Performance analysis of a PV/HKT/WT/DG hybrid autonomous grid. <i>Electrical Engineering</i> (). 2020. vol. - . Pag. -	Publicaciones en Revista	Articulo		

A. Aguado, José; Benavides, Dario; González, L.g.; Hernández-callejo, Luis; Jurado-Melguizo, Francisco; Paul Arévalo	Method of monitoring and detection of failures in PV system based on machine learning techniques. Revista Facultad de Ingeniería Universidad de Antioquia (0120-6230). 2020. vol. - . Pag. -	Publicaciones en Revista	Artículo
Verdejo-Espinosa, Maria Angeles	La curva de la energía eléctrica: ¿consumimos más o menos durante el estado de alarma?. (). 2020. vol.1 - 4. Pag.1 - 8	Publicaciones en Revista	Artículo
Benavides, Dario; Espinoza, Juan Leonardo; Jurado-Melguizo, Francisco; Paul Arévalo	Optimal energy management strategies to reduce diesel consumption for a hybrid off-grid system. Revista Facultad de Ingeniería Universidad de Antioquia (0120-6230). 2020. vol. - 48. Pag.47 - 58	Publicaciones en Revista	Artículo
Leyva-céspedes, Alfredo; Roque-doval, Yamila; Verdejo-Espinosa, Maria Angeles	The 2030 Agenda, Energy strategies in Spain and Cuba. Novedades en Población (). 2020. vol.1 - 1. Pag.66 - 81	Publicaciones en Revista	Artículo
Mohamed-Kamel, Salah; Jurado-Melguizo, Francisco; Korashy, Ahmed;	Mitigation of distributed generation impact on coordination of direction overcurrent relays using a novel characteristic relay curve	Propiedad Industrial e Intelectual	Patente de invención, Propiedad industrial
Verdejo-Espinosa, Maria Angeles	PLANIFICACIÓN DE ENTORNOS INTELIGENTES ACCESIBLES. Pag: 51 - 57. En: Madrid Accessibility Week. Ed . Máster en Accesibilidad para la Smart City; la Ciudad Global. 2020. ISBN 978-84-09-19287-8	Capítulo de Libro	
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah	Reconfiguration of distribution network using different optimization techniques. Pag: 155 - 169. En: Microgrids for Rural Areas: Research and Case Studies. Ed . The Institution of Engineering and Technology (IET). 2020. ISBN 978-1785619984	Capítulo de Libro	
Jurado-Melguizo, Francisco	What is of interest that the buildings of the public electrical companies are also provided with solar energy? Case study ¿Empresa Eléctrica Centro Sur C.A.¿ in Cuenca-Ecuador. Ponencia en Congreso. IEEE 9th International Conference on Renewable Energy Re	Aportaciones a Congresos	Ponencia en Congreso
Benavides, Dario; Espinoza, Juan Leonardo; Jurado-Melguizo, Francisco; Paul Arévalo	Optimal Design and Energy Management for a Grid Connected Renewable Hybrid System (PV-HKT-GRID). Ponencia en Congreso. Universitat Politècnica de Catalunya, BarcelonaTECH, Spain(UPC). Universitat Politècnica de Catalunya, BarcelonaTECH, Spain(UPC), 2020	Aportaciones a Congresos	Ponencia en Congreso
Jurado-Melguizo, Francisco	Minas of Huasacachaca wind project in Ecuador. Ponencia en Congreso. IEEE 9th International Conference on Renewable Energy Research and Applications. Glasgow (Reino Unido), 2020	Aportaciones a Congresos	Ponencia en Congreso
Jurado-Melguizo, Francisco	What is of interest that the buildings of the public electrical companies are also provided with solar energy? Case study ¿Empresa Eléctrica Centro Sur C.A.¿ in Cuenca-Ecuador. Ponencia en Congreso. IEEE 9th International Conference on Renewable Energy Re	Aportaciones a Congresos	Ponencia en Congreso
Aguado, José A.; Benavides, Dario; González, Luis G.; Paul Arévalo	Analysis of Different Energy Storage Technologies for Microgrids Energy Management. Ponencia en Congreso. 2020 5th International Conference on Advances on Clean Energy Research (ICACER 2020). Universitat Politècnica de Catalunya, BarcelonaTECH, Spain(UPC)	Aportaciones a Congresos	Ponencia en Congreso
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Tostado-véliz, Marcos	Allocation of Photovoltaic and Wind Turbine Based DG Units Using Artificial Ecosystem-based Optimization. Ponencia en Congreso. IEEE International Conference on Environment and Electrical Engineering. - MADRID, ESPAÑA, 2020	Aportaciones a Congresos	Ponencia en Congreso
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Tostado-véliz, Marcos	Modeling of IPFC in NEPLAN for Power System Control: a Simple Approach. Ponencia en Congreso. IEEE International Conference on Environment and Electrical Engineering. - MADRID, ESPAÑA, 2020	Aportaciones a Congresos	Ponencia en Congreso
Jurado-Melguizo, Francisco; Mohamed-Kamel, Salah; Tostado-véliz, Marcos	Parameter Identification of Proton Exchange Membrane Fuel Cell Stacks Using Bonobo Optimizer. Ponencia en Congreso. IEEE International Conference on Environment and Electrical Engineering. - MADRID, ESPAÑA, 2020	Aportaciones a Congresos	Ponencia en Congreso
Verdejo-Espinosa, Maria Angeles	La Ingeniería Mueve tu mundo. Conferencias impartidas en Jornada. Día Internacional de la mujer y la niña en la Ciencia. Jaen, 2020	Aportaciones a Congresos	Conferencias impartidas en Jornada
Espinilla-Estévez, Macarena; Martínez-Cruz, Carmen; Ruiz-Lozano, María Dolores; Rus-Casas, Catalina; Verdejo-Espinosa, Maria Angeles	Education in smart grids: a perspective from the field of engineering. Comunicación en congreso. 2020 XIV Technologies Applied to Electronics Teaching Conference (TAE). - Oporto, Portugal, 2020	Aportaciones a Congresos	Comunicación en congreso
Aguilar-Peña, Juan Domingo; Eliche-Quesada, Dolores; Jiménez Castillo, Gabino; Rubia-García, Mª Dolores La; Rus-Casas, Catalina	Learning tools in Electronic Engineering. Content Curation and Personal Learning Environments. Comunicación en congreso. 2020 XIV Technologies Applied to Electronics Teaching Conference (TAE). - Oporto, Portugal, 2020	Aportaciones a Congresos	Comunicación en congreso
Espinilla-Estévez, Macarena; Martínez-Cruz, Carmen; Ruiz-Lozano, María Dolores; Rus-Casas, Catalina; Verdejo-Espinosa, Maria Angeles	Perspectiva desde el ámbito de la ingeniería para la formación en redes inteligentes. Comunicación en congreso. XIV Congreso de Tecnología, Aprendizaje y Enseñanza de la Electrónica. PORTO PORTUGAL, 2020	Aportaciones a Congresos	Comunicación en congreso
Aguilar-Peña, Juan Domingo; Hontoria-García, Leocadio; Jiménez Castillo, Gabino; Muñoz-Rodríguez, Francisco José; Rus-Casas, Catalina	Teaching experiences. Developing the transversal skill of entrepreneurship in the classroom. Comunicación en congreso. 2020 XIV Technologies Applied to Electronics Teaching Conference (TAE). - Oporto, Portugal, 2020	Aportaciones a Congresos	Comunicación en congreso

(*) Datos contrastados con revistas JCR de acuerdo a los últimos listados publicados. (revistas año 2019)