

**Selected Papers for IEEE Transactions on Industry Applications**

<b>ORDER NUMBER</b>	<b>Paper ID</b>	<b>PAPER TITLE</b>
1	4	<b>ID:4 Machine Learning Based Online Monitoring of Step-Up Transformer Assets in Electrical Generating Stations</b> Julia Penfield (BC Hydro)*; Matt Holland (BC Hydro)
2	5	<b>ID:5 A Bidirectional DC-DC Converter to Interlink Unipolar and Bipolar DC Microgrids</b> V. Fernao Pires (ESTSetubal/IPS)*; Daniel Foito (ESTSetubal - IPS); Armando Cordeiro (ISEL - IPL); Armando Pires (Polytechnical Institute of Setubal)
3	18	<b>ID:18 Analyzing the effect of snow in PV regulator response in a PV solar park</b> Jorge Solis (Karlstad University)*; Andreas Råberg (Karlstad University); Joel André (Karlstad University); Magnus Nilsson (Glava Energy Center)
4	22	<b>ID:22 Experimental Evaluation of the True Remaining Capacity of Legacy Lead-Acid Batteries</b> Khadim Ullah Jan (University Paris-Saclay)*; Aurore Brézard Oudot (University Paris-Saclay); Anne Migan Dubois (University Paris-Saclay); Demba Diallo (University Paris-Saclay)
5	25	<b>ID:25 A Proposed Secure Hybrid, Hierarchical Communication Architecture to Facilitate Fault Prediction in Secondary Distribution Power Network</b> Ally T Bitebo (University of Dar es Salaam)*; Godfrey William Chugulu (University of Dar Es Salaam); David Makota (institute of Finance and Management); Fatuma Simba (University of Dar es Salaam)
6	38	<b>ID:38 A Modelling for an Optimum Facility Design in a Clinic as a Smart Grid</b> Yuji Mizuno (Osaka Electro-Communication University)*; Nobumasa Matsui (Nagasaki Institute of Applied Science); Fujio Kurokawa (Nagasaki Institute of Applied Science); Yoshito Tanaka (Nagasaki Institute of Applied Science)
7	39	<b>ID:39 Solar Radiation Reduction Monitoring of Macao World Heritage District Photovoltaic System Using GIS and UHF RFID Obstacle Detection Approach</b> Rong Wang (University of Macau)*; Oi Tai Tai (University of Macau); Kam Weng Tam (University of Macau)
8	75	<b>ID:75 Optimization of fuzzy logic controller based maximum power point tracking using hierarchical genetic algorithms</b> Abdelhakim Belkaid (Bordj Bou Arreridj University)*; Ouahib GUENOUNOU (University of Bejaia); Ilhami Colak (Nisantasi University); Boutaib Dahhou (Université UPS, Toulouse); ferhat chabour (University of le HAVRE)
9	77	<b>ID:77 A Superconducting Saturable Core Reactor for Power Flow Control in Transmission Grids</b> Diogo Varela (NOVA School of Science and Technology); Luis Romba (UNINOVA/CTS, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa); Roberto Oliveira (UNINOVA - Instituto de

		Desenvolvimento de Novas Tecnologias); João M Murta-Pina (UNINOVA - Instituto de Desenvolvimento de Novas Tecnologias)*
10	85	<b>ID:85 A New Modulated Model Predictive Current Controller with Reduced Computational Burden</b> Euan T Andrew (University of Strathclyde)*; Dr K Ahmed (Strathclyde); derrick Holliday (Unknown)
11	86	<b>ID:86 Frequency regulation of hybrid distributed power systems integrated with renewable sources by optimized type-2 fuzzy PID controller</b> Dr.S.S DASH (GCE, Keonjhar odisha)*