

Selected papers for journals publication

ID	Title	List of authors	Selection for journal publication
25	Experimental study of the combustion of olive mill solid wastes pellets in a fixed bed reactor	Mohamed Ali Mami, Hartmut Mätzing, Hans-Joachim Gehrman, Dieter Stapf, Rainer Bolduan, Marzouk Lajili	Energies
122	Characterisation of bio-oil and gas from the pyrolysis of several biomass sources in Algeria	Nourelhouda Boukaous, Lokmane Abdelouhed, Chetna Mohabeer, Abdeslam-Hassen Meniai, Mustapha Chikhi, Bechara Taouk Bechara Taouk	Energies
140	Coconut shells valorization for biogas purification	Amna abdeljaoued, N Querejeta, N Álvarez-Gutiérrez, C Pevida, I Durán, Mohamed Hachemi Chahbani	Energies
160	Alkaline and alkaline earth metals (AAEM) impact on the gasification of lignocellulose-derived chars	Khouloud Haddad, Mejdi Jeguirim, Lionel Limousy, Simona Bennici	Energies
204	Interactions and Interferences of Cu, Cr and As During Contaminated Waste Wood Gasification: A Thermodynamic Equilibrium Study	Shurooq Al-Badri, Ying Jiang, Stuart Wagland	Energies
21	Current dependence of series and shunt resistances of solar cells	MEHREZ LOULOU, MOHAMED KHALIL AL TURKESTANI, NABIHA BRAHMI, MAHDI ABDELKRIM	IJEEOE
37	Control Design and Experimental Set-Up for a High-Power PV Generator Emulator	Manelle HASNAOUI, Afef BENANI-BEN ABDELGHANI, Ilhem SLAMA-BELKHODJA	IJEEOE
51	PMSM DTC Drive System Fed by Fault-Tolerant Inverter Connected to a Photovoltaic Source	moez abassi, oussama saadaoui, imen tlili, omar khlaief, abdelkader chaari, mohamed boussak	IJEEOE
74	Nanoindentation and AFM characterization of lithium-doped ZnO sprayed thin films	Mohamed Salah, Samir Azizi, Chokri Khaldi, Jilani Lamloumi	IJEEOE
87	Fault Diagnosis in a Photovoltaic system through I-V Characteristics Analysis	Salima SARIKH, Mustapha RAOUFI, Amin BENNOUNA, Ahmed BENLARBI, Badr IKKEN	IJEEOE
100	Design and Analysis of Hydroelectric Generation using Waterwheel as Renewable Energy Source	Jamal Hameed, Amer Saeed, Mugdad Rajab	IJEEOE
110	Optimal Sizing of Capacitor Banks in the Low Voltage Distribution Networks Using JAYA Algorithm	Walid Helmy, Mohamed Abbas	IJEEOE
161	Challenges and upscale in thermochemical energy storage: applications and perspectives	Simona Bennici, Patrick Dutournié	IJEEOE
169	COMPARISON OF EXPERIMENTALLY OBTAINED I-V CURVES OF DIFFERENT PV MODULES	Fatih Onur Hocaoglu, Fatih Serttas, Melih Kurekci, Emre Akarslan, Said Mahmut Cinar, Rasim Dogan, Ahmet Yonetken	IJEEOE
178	Plasmonically-enhanced absorption in organic solar cells with metal nanostructures	Md Zahurul Islam, Farjana Snigdha, Md. Sadique Hasan	IJEEOE
193	Comparative Study of Different Variants of Direct Torque Control Applied to Induction Motor	aberkane hesna, sakri djamel, rahem djamel	IJEEOE
200	Optimal Solar Collectors Defocusing Based on Maximum Temperature	Tiago de Araújo Elias, Paulo Renato Costa Mendes, Júlio Elias Normey-Rico, Carlos Bordons Alba	IJEEOE
220	Fault Tolerant Control of Permanent Magnet Synchronous Motor Traction Module	Mongi Moujahed, Mondher Hajji, Hechmi Ben Azza, Mohamed Jemli, Mohamed Boussak	IJEEOE
224	Operation scheduling of a household appliance for optimal energy dispatching	Dalia Fendri, Maher Chaabene	IJEEOE
254	DC bus voltage instability detection and stabilization under Constant Power Load variation	Sonia Moussa, Manel Jebali-Ben Ghorbal, Ilhem Slama-Belkhodja, Jean-Philippe Martin, Serge Pierfederici	IJEEOE
258	Original power supply switching algorithm for PV/Battery/Grid installation	Imen Guidara, Sana Charfi, Maher Chaabene	IJEEOE

261	Improved fast Particle Swarm Optimization based PV MPPT	Manel Merchaoui, Anis Sakly, Mohamed Faouzi Mimouni	IJEEO
269	Numerical and Experimental Investigations of Heat Exchanges in Heated Buildings	Sahlaoui Kamel, Tabarki Mounir, Ben Mabrouk Slah	IJEEO
280	Modeling CSRR and OCSR loaded transmission line by Bond Graph Approach Methodology	Islem Salem, Hichem Taghouti, Abdelkader Mami	IJEEO
283	Optimization of UNIQUAC Interaction Parameters for Absorption Refrigeration Machine Working Fluids	Ilhem Louaer, Nardjess Bounab, Abdeslam-Hassen Meniai	IJEEO
23	Effects of H ₂ O on Gasification of Biofuels Pellets Blended from Olive Mill Solid Wastes and Pine Sawdust	Marwa Zribi, Francisco Javier Escudero Sanz, Marzouk Lajili	IJHE
90	A review on the main fuel cell and energy cogeneration	Stéfani Vanussi Melo Guaitolini, Imene Yahyaoui, Jussara Farias Fardin, Lucas Frizera Encarnaçao, Fernando Tadeo	IJHE
96	Structural and electrochemical characterization of new co-doped spinel ferrite nanomaterial used as negative electrode in Ni/MH battery	Wissem Zayani, Samir Azizi, Karam S.El-Nasser, Ibraheem Othman Ali, Hamadi Mathlouthi	IJHE
111	Dispatchable Hydrogen production by multiple electrolyzers to provide clean fuel and responsive demand in Libya	Abdulla Rahil, Rupert Gammon, Neil Brown	IJHE
199	EIS study of MH negative electrode/electrolyte interface during repetitive galvanostatic charge and discharge	Yassine Ben Belgacem, Chokri Khaldi, Jilani Lamloumi	IJHE
201	Kinetics and corrosion properties of the LaY ₂ Ni ₉ alloy used as anode for nickel-metal hydride batteries	Majdi Lahsini, Yassine Ben Belgacem, Chokri Khaldi, Jilani Lamloumi	IJHE
229	Modeling and control of a dc-dc resonant converter interfacing fuel cell in electric vehicle	Farhani Slah, Faouzi Bacha	IJHE
245	Fault-Tolerant Control Experimental Validation of a Six-Phase Interleaved Mirror DC-DC Boost for Fuel Cell Applications	Farid KHOUCHA, Hamza ALLOUI, Boualem YAGOUBI, Mohamed Benbouzid	IJHE
255	An improved open cathode proton exchange membrane fuel cell control ensuring a simultaneous regulation of temperature and air flow	chaima mahjoubi, Sondes Skander Mustapha, Jean Christophe Olivier, Ilhem Slama Belkhdja, Mohamed Machmoum	IJHE
282	Effect of inter-catalytic layer spacing at Wall-Coated Steam Methane Reformer surfaces on hydrogen production	Abdelhakim SETTAR, Rachid NEBBALI, Brahim MADANI, Said ABOUDI	IJHE
290	Effect of Plasma Nitriding on AISI 304 Stainless Steel Surface Electrochemical Properties and Hydrogen Evolution Rate	Shrok Allami, Mutawer Redah	IJHE
302	Synthesis and Characterization of Sulfonylimide based Poly(arylene ether sulfone) Copolymers for Proton-Exchange Membrane	Sabuj Chandra Sutradhar, Faiz Ahmed, Taewook Ryu, Hanmo Yang, Sujin Yoon, Seungchan Lee, Inhwon Choi, Whangi Kim	IJHE
18	Static Analysis for Voltage Stability of the Northern Jordanian Power System	Mohammad Hammad, Ahmad Harb	IJRED
56	Backstepping Control of a PMSG-based Marine Current Turbine System under Faulty Conditions	Sana Toumi, Yassine Amirat, Mohamed Traelsi, Elhoussin Elbouchikhi, Mohamed Faouzi Mimouni, Mohamed Benbouzid	IJRED
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135	Electrochemical Impedance Spectroscopy State of Charge Measurement for Batteries using Power Converter Modulation	Shady Gadoue, Kuan-Wen Chen, Paul Mitcheson, Vladimir Yufit, Nigel Brandon	IJRED

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206	New model to estimate monthly global solar radiation from air temperature in Algeria	Razika Ihaddadene, Nabila Ihaddadene, Mohamed Salemi, Abdel Hadi Beridja	IJRED
217	On-Line Adaptive Protection Scheme to Overcome Operational Variability of DG in Smart Grid Via Fuzzy Logic and Genetic Algorithm	Naser El Naily, Saad Saad, T Hussein, Khalil El-Arroudi, Faisal Mohamed	IJRED
218	Planning & Application of Distance Relays coordination For IEC Microgrid Considering Intermediate In-Feed Factor	Naser El Naily, Saad Saad, Reda Elsayed, Safaa Aomura, Faisal Mohamed	IJRED
222	Study and simulaion of an ejector-absorption cooling system using NH3-H2O	Nihel BenZid, Nejib Hajji	IJRED
264	Fundamental Analysis of Synchronous Operation of Autonomous induction Generator	Mourad Selmi, Habib Rehaoulia	IJRED
275	Analysis of a Flexible Single-Phase Multilevel Inverter Topology for Photovoltaic Applications	Manel Hammami, Marija Vujacic, Aleksandr. Viatkin, Gabriele Grandi	IJRED
284	Techno-economic feasibility study of a hybrid Biomass/PV/Diesel/Battery system for powering the village of Imlil in High Atlas of Morocco	Hanane Benchraa, Abdelbari Redouane, Imad El Harraki, Abdennebi El Hasnaoui	IJRED
28	Assessment of PV Systems Stability under Temperature Variation	Abdelaziz Saidi, Mushaf E. Mudwah, Khadija Ben Kilani	IJRER
36	Partial Shading Effect Investigation on PV Performance Indicators	Asma Triki-Lahiani, Afef Bennani-Ben Abdelghani, Ilhem Slama-Belkhodja	IJRER
39	Does Renewable Energy Consumption and Health Expenditure Decrease Carbon Dioxide Emissions? Evidence for sub-Saharan Africa Countries	Mehdi Ben Jebli, Nickolas Apergis	IJRER
63	Cutting oil emulsion treatment by electrocoagulation using aluminum and iron electrodes	Aida DERMOUCHI, Mosaab BENCHEIKH-LEHOCINE, Sihem ARRIS, Abdeslam-Hassen MENIAI, Narcis BARSAN, Nedeff VALENTIN	IJRER
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259	Modeling Innovation Diffusion for Renewable Energy Technologies in City Neighborhoods	Sofiane Abbar, Ameni Boumaiza, Nassma Mohandes, Antonio Sanfilippo	IJRER
263	Analysis of barriers related to implementation of a waste management policy in Sfax city using ISM method	leila kharrat, younes boujelbene	IJRER
294	Conventional Techniques for improving Emergency Control of Transient Stability in renewable-based power systems	G.Marco Tina, S. Licciardello, D. Stefanelli	IJRER
310	Thermoeconomic analysis of a double effect desalination unit	Fathia HAFDHI, Tahar KHIR	IJRER
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42	An Optimized Proactive Over-Current Protection Scheme for Modern Distribution Grids Integrated With Distributed Generation Units	Saad Saad, Naser El Naily, Jamal Wafi, T Hussein, Faisal Mohamed	SCS
55	Feasibility study for the implantation of a photovoltaic generator in addition to the existing electricity supply in the village of Tarat (Illizi Algeria)	AHSSEN MAHMOUDI, Djohra Saheb-Koussa, bouaziz mohamed najib	SCS
101	DC Voltage Level Choice in Residential Remote Area	Sonia Moussa, Manel Jebali-Ben Ghorbal, Ilhem Slama-Belkhdja	SCS
115	Feasibility Analysis of a wind pumped hydroelectric storage system on the Island of Brava	Marco António do Rosário Santos Cruz, Imene Yahyaoui, Hélder Roberto de Oliveira Rocha, Marcelo E.V.Segatto, Ahmad Atieh	SCS
168	The Electricity Demand Forecasting of a Micro Grid	Emre Akarlan, Fatih Onur Hocaoglu	SCS
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235	Practical Design and Performance Evaluation of Micro-Wind Turbine in Libya	zakariya Rajab, Ashraf Khalil, Ahmed taher, Khalid Ragab, Moataz Aldricy, Nagi Buaossa	WE
278	Numerical investigation of a generated vortex around a straight cambered blade profile NACA4312	SOUAISSA Khaled, GHISS Moncef, CHRIGUI Mouldi, BETAHER Hatem, MAALEJ Aaref	WE