SPECIAL ISSUE INFORMATION FOR ALL AUTHORS

All papers should be improved on following points:

1. The papers submitted to the journals **MUST NOT** include **conference logo or title**. Please read the author guidelines of relevant journal.
2. The extended papers should be submitted to the journals till **15th September 2018, if no other dates are not specified below**. No extension to this date is available.
3. All papers will be peer-reviewed in the journals.
4. At least **1 and a half** page introduction section is required for all papers. Otherwise, it will be directly rejected by the journal editors.
5. An archival part which defines the methodology and technique should be added and extended especially in Sections 1 and 2.
6. All paper sections should be extended.
7. The authors' first and family names, address, e-mail should be clearly defined. Please no dot use abbreviations.
8. The papers should be sent to the determined journals by writing them in journal format. Do not send the conference-templeted paper to the journal. That may cause rejection.
9. At least 1 published references from the papers of each ECRES journal (Int. J. Electronics, Int. J. RF and Microwave Computer-Aided Engineering, Environmental Technology, Proceedings the Institution of Mechanical Engineers-A, J. Electronic Materials, Int. J. Hydrogen Energy, Int. J. Sust. Energy Planning and Management, Int. J. Renewable Energy Technology, Journal of Polytechnics) should be added to the References section of your paper. If the journal scope above is irrelevant, please do not try to find references from that journal.
10. Each paper should have minimal 20 references and maximal 35 references. If you exceed these limits, your paper will be rejected by the editors.
11. Internet addresses cannot be put into the references.
12. The references from conferences cannot exceed 4 in the references section.
13. References from Thompson SCI and SCOPUS indexed journals are acknowledged.
14. The paper titles should be shortened as much as possible. Do not use abbreviations in the titles.
15. Nomenclature is needed for the papers which have too much abbreviations and scientific variables.
16. The French, Arabic and all other languages from equations and figures should be translated to English.
17. At least 40% new content should be added to the journal version of your paper.
18. The maximal page limit depends on the journal policy.
19. All figures should be drawn clearly with large resolution.
20. Before the submission, please consult to ekurt52tr@yahoo.com . There will be special names for each Special Issue in the journal submission panels. If you select regular or irrelevant issue name, your paper will be rejected.
21. For the specific submission rules of Int. J. Electronics, please read the link https://www.tandfonline.com/action/authorSubmission?journalCode=tetn20&page=instructions and write your paper title as "Special Issue: Title of your paper" (for example, Special Issue: A new power system for the …) **Make your journal submission till 30th September 2018.**
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30. The papers of **International Journal of Renewable Energy Development** will only be directly send to **ekurt52tr@yahoo.com** by writing "IJRED-SI" to the e-mail subject.

A) Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy (SCOPUS, SCI-indexed)

40 Experimental and Numerical Investigation of Aerodynamic Performance and Flow Separation of a Model Wing Composed from Different Profiles - Abdulhalim Aşkan; Selim Tangöz; Deniz Turaç; Mehmet Konar

78 Performance Tests Of Francis Type Hydraulic Turbines - Ferdi Besni; Fevzi Buyuksolak; Ozgur Collu; Kutay Celebioglu; Yigit Tascioglu; Selin Aradag

119 Experimental Investigation on the Effects of Kaolin/Deionized Water Nanofluid Usage in a Plate Type Heat Exchanger - Adnan Sozen; Ataollah Khanlari; Erdem Çiftçi

136 The effect of piston bowl geometries of Direct Injection Diesel Engines on emission and combustion characteristics - Ramazan ŞENER; Murat Umut YANGAZ; Mehmed Rafet ÖZDEMİR

165 Designing of a novel solar assisted heat pump system with modification of thermal energy storage - Mustafa Aktaş; Meltem Koşan; Erhan Arslan; Azim Doğuş Tuncer; Buğra Şensoy

208 Utilization rate of solar power plants during winter and summer electric power peak times in Jeju Island - Seonock Kang; Jaehee Kim; Zulmandakh Otgongerel; Ankhzaya Baatarbileg; Se-ho Kim; Gaemyoung Lee

209 Characteristics of Wind Power Generation in Jeju Island - Hyukjoo Ko; Zulmandakh Otgongerel; Ankhzaya Baatarbileg; Gaemyoung Lee

217 Investigation shaft speed on off-design performance and efficiencies of a turbofan engine - Mehmet Cilgin; Önder Turan

232 Effect of Different Levels of Ethanol Addition on Performance, Emission and Combustion Characteristics of A Gasoline Engine - Yasin Karagöz

300 AEP increase due to flow control devices implementation on a 5MW offshore wind türbine - Unai Fernandez Gamiz; Ekaitz Zulueta; Josean Ramos-Hernanz; Jose Manuel Lopez-Guede; Ana Boyano

333 Numerical Study of Shrouded Wind Turbine - Negin Maftouni; Hoda Parsa

391 Performance prediction of tidal current turbine using coupled Fluid Structure Interaction modelling - Saeed Badshah

415 An investigation on Wind/PV/Fuel Cell/Battery hybrid renewable energy system for Nursing Homes in Istanbul - Ercan Aykut; Bahtiyar Dursun

468 PEM Fuel Cell Modules Associated with Hybrid Energy Storage System, Combining a Battery and Supercapacitor System, for Ship Applications - Salah Tamalouzt; Nabil Benyahia; Said Mariama; Angel Scipioni; Bernard Davat

B) Journal of Electronic Materials (SCI-indexed)

12 Synthesis and characterization of organic-inorganic lead halide perovskite thin films for photovoltaic applications - Khalid BOUABID; Lahoucine Atourki; Ahmed Ihlal

145 Electrochemical noise analysis of PEMFC Stack - Evgenii Denisov; Anthony Thomas

154 How should the effective hydrogen passivation of defects in silicon wafers be achieved using lasers? - Mohammad Shakil Ahmmed; Nazmul Huda – (**The title should be** "Effective defect passivation by hydrogen using a laser light source")

170 Exploration of thermoelectricity in NaScGe Half Heusler compound: A first principle study - Yasemin Ciftci; Irem Alp

189 Deposition Conditions of TiO2 Film Grown by Atomic Layer Deposition - Meryem BOZKAYA; Hakan ATES

226 Simulation of solar cells based on Cu2ZnSn(SySe1-y)4 absorber and alternative buffer materials - Hayet Arbouz (**some experimental verification should be added**)

237 Frequency Dependent Dielectric Characteristics and Electrical Conductivity Behavior of Al/C24 H12/P-Si Structure - Defne AKAY; Nuriye Kaymak; Burcu YAKISIR GIRGIN; Esra Efil; Elanur Seven; Elif ORHAN; Sema BİLGE OCAK

291 Determination of Nanostructure Photovoltaic Properties - Mehmet Dag; Namik Akcay; Hasan Köten; Kubilay Güner

317 Design of a Maximal Power Point Tracking System for a Piezoelectric Wind Energy Harvester - Davut Özhan; Erol KURT; Ramazan Tasaltın

369 Analytical and Experimental Studies on a New Linear Electromagnetic Harvester - Busra Mutlu; Erol KURT; Jose Manuel Lopez-Guede; Ortzi Akizu Gardoki; Abdulmecit Guldas

392 First principles calculations of the energetic, structural, electronic, and magnetic properties of Fe/Ir(100) system - Ihsan Erikat

434 A New Approach for Electricity Energy Generation from Waste Heat Energy: Battery Charger with Thermoelectric Generator - Erdal Irmak; Ali KOSE; Erdoğan Berkay Tekincan

442 An ab initio study of the structural magnetic and electronic properties of 3d and 4d transition metal on Ni(100) surface - Mohammad Obeid; Ihsan Erikat

457 Effect of aging and environmental factors on performance of thin film photovoltaic modules: a comparative analysis - Mehmet Demirtas; Bünyamin Tamyürek; Erol Kurt; İpek Çetinbaş

476 Temperature and time storage influences on the electret state stability of porous zeolite microstructure - Bahtiyar Soltabayev, Bahtiyar Soltabayev, Hilal KURT, Bahtiyar Salamov

487 Effect of the Deposition Temperature on the Optical Parameters of Thermally Evaporated CdTe Thin Film - Shadia Ikhmayies; Sufian Abedrabbo; Bashar Lahlouh

488 Spray-Deposited ZnO Micro/Nano Coral Reefs on Glass Substrates - Shadia Ikhmayies

426 Taguchi Design of PZT-Based Piezoelectric Cantilever Beam with Maximum and Robust Voltage for Wide Frequency Range - Sanghyun Park

143 Topology Optimization of Substrate and Piezo Material for Piezoelectric Energy Harvester with Low and Wideband Resonant Frequency - Taekyun Kim; Jihoon Kim; Tae Hee Lee

C) Journal of Energy Systems (EBSCO and DOAJ indexed)

8 The Impact of Building Morphology on Energy Performance - Mohamed Boubekri; Thulasi Ram Khamma

11 An evaluation on potential energy of animal biomass in Turkey - Kenan Saka

21 Modeling and Optimization of Multijunction Solar Cells Based SiGe using AMPS-1D - Talhi Abdelkrim

36 Removal of Cr (VI) from aqueous solution by electrocoagulation using a factorial design - Aicha Bensmaili

37 PV generator model for obtaining the I-V curve form any test condition: using Artificial neural network method - Laribi Slimane; Ghaitaoui Touhami; Touahri Tahar; Rachid Maouedj; Fatima Zohra

41 The Effect of Aspect Ratio on Aerodynamic Performance and Flow Separation Behavior of a Model Wing Composed from Different Profiles - Abdulhalim Aşkan; Selim Tangöz

47 Experimental and numerical investigations of prototype solar chimney power plant- case of Aswan-Egypt - Tarek Mekhail

57 Smart monitoring and controlling of three phase photovoltaic inverter system using LoRa technology - Mohannad Jabbar Mnati; Aktham Hasan; Dimitar V. Bozalakov; Van Deoshe Alex

69 Predicting global solar radiation using support vector regression integrated with firefly optimization algorithm - Saeed Samadianfard; Salar Jarhan; Hamed Sadri Nahand

73 Thermal comfort of semi-underground room in hot climate - Mohamed Taher Messaoudi; Boubekeur Dokkar

92 Experimental investigation of thermal and hydraulic performance of a plate heat exchanger using Al2O3 nanofluid - Ufuk Kayabaşı; Selin Aradag; Sadık Kakaç

111 The Effect of Electromechanical Valve System on The Volumetric Efficiency of a Single Cylinder Gasoline Engine - Ahmet Özsezen

112 Robust Stochastic Optimal Short-term Generation Scheduling of Hydrothermal Systems in Deregulated Environment - Morteza Nazari-Heris; Behnam Mohammadi-Ivatloo; Somayeh Asadi

116 Direct torque Control Based on SVM-HYS Applied to the Induction Machine - Lakhdar BOURAS; Mourad Mordjaoui

124 Hydrogen fuel cell electric vehicles and battery electric vehicles: monitoring scientific and technological trends - Izaskun Alvarez-Meaza; Enara Zarrabeitia-Bilbao; Rosa Rio-Belver; Jose Manuel Lopez-Guede

130 A Review of The Use of Solar Energy in Ships - Çağlar KARATUĞ

140 Effects of Voltage Dips on Single Phase Home Equipments - Yusuf Kaplan; Sener Agalar

147 Recovery of a Vehicle's Energy Loss by the Wind Turbine - Ahmet YILDIZ; Beşir Dandıl

149 The Thermodynamical Properties of AsPr via First Principles - Irem Alp; Yasemin Ciftci

171 Accurate scale modeling of dynamic behavior of large wind turbines on a Wind Turbine Emulator - Siamak Pourkeivannour; Bulent Ertan

180 Life cycle assessment of CO2 capture for further reuse as sodium carbonate - Perihan Akan; Israel Ruiz Salmón; Patricia Luis

181 Dual Axis Solar Tracking System with PLC without Any Sensor - Zuhal ER; Elif Balci

202 Study on microgrids of consisting of photovoltaic and diesel generations at border checkpoint camps in Mongolia - Zulmandakh Otgongerel; Ankhzaya Baatarbileg; Bayasgalan Dugarjav; Ho-Chan Kim; Gaemyoung Lee

207 Study on a capacity factor of large-scale solar power plants in the Jeju Island - Saewoong Kang; Zulmandakh Otgongerel; Ankhzaya Baatarbileg; Tae-hyung Kim; Gaemyoung Lee

213 Estimating CO2 emission reduction according to renewable energy use in Jeju Island - Ankhzaya Baatarbileg; Zulmandakh Otgongerel; Gaemyoung Lee

228 Frequency Dependent Effects Before and After Gamma-Ray Irradiation on Al/C24 H12 /p-Si MPS Structure - Esra Efil; Defne AKAY; Nuriye Kaymak; Elanur Seven; Burcu YAKISIR GIRGIN; Elif ORHAN; Sema BİLGE OCAK

238 Effects of Temperature and Frequency on Capacitance and Conductance Characteristics of Zinc-Oxide based MIS-Structure - Nuriye Kaymak; Elanur Seven; Esra Efil; Burcu YAKISIR GIRGIN; Adem TATAROĞLU; Sema BİLGE OCAK; Elif ORHAN

256 - 257 should be combined Multi-Objective Optimization of the Axial Fan Parameters - HASAN KOTEN

262 Pinion gear fault detection of High speed wind turbine - Ali Ouanas; AMMAR Medoued; Mourad Mordjaoui; TAHAR BOUKRA; Lakhdar BOURAS; Youcef Soufi

280 Extraction of photovoltaic cell parameters from an experimental InGaN (J-V) characteristic using genetic algorithms - Souad Idjdarene; Smail Berrah; Hamza Abid; Kassa Idjdarene

286 The cost of electromechanical equipment in a small hydro power storage plant - Ghida AlZohbi

290 Piezo-Actuated Common Rail Injector Structure and Efficient Design - HASAN KOTEN; Kubilay Güner; Ebubekir Gunes

292 A comparative CFD analysis of NACA0012 and NACA4412 airfoil - Mustafa Yilmaz; HASAN KOTEN; Erkan Cetinkaya; Ziya Cosar; Ozlem Boydak

299 Challenges of digital industrial furnaces for energy efficiency using syngas from biomass - Asier González-González; Juan Carlos Antolin-Urbaneja; Jose Manuel Lopez-Guede

301 VG modeling by a source term model on a DU97W300 airfoil - Unai Fernandez Gamiz; Pablo Martinez; Ekaitz Zulueta; Josean Ramos-Hernanz; Jose Manuel Lopez-Guede

303 Innovative geometries for underwater piezoelectric energy harvester - Unai Fernandez Gamiz; Inigo Aramendia; Ekaitz Zulueta; Josean Ramos-Hernanz; Jose Manuel Lopez-Guede

305 Characteristic Analysis on various structure topology of a 10-MW class HTS generator for wind power - HO MIN KIM; Yoon Seok Chae

319 Low Cost LED Based Solar Simulator with Variable Spectrum Controller - Vedat Esen; Şafak Sağlam; Bülent Oral; Özge Ceylan Esen

325 Using of Sodium p-Toluenesulfonate As Additive For Positive Electrolyte of a Vanadium Redox Battery - Metin GENÇTEN

326 An Intelligent Method to Detect Voltage Interruptions in Microgrids - Gokay Bayrak; Alper YILMAZ

341 A new approximation based nonlinear controller for a hybrid wind energy system, Sabri Boulouma; Hocine Belmili

342 Waste energy recovery from the silencer of a gasoline vehicle using thermoelectric generators - Manuel Echeverri; Andres Agudelo; Cristian Avila

350 Rheological study of carboxymethylcellulose suspension by using an expusion installation - IBADIOUNE Sarra; MELLAL Mounir; ABCHICCHE HACINA; Naima SAHRAOUI; Nadia CHEKIR

372 Optimization of a photovoltaic pumping system by adaptive fuzzy logic - Samia Bensmail

383 3-E Analysis of a Solar Powered Regenerative Reheat Rankin Cycle - Olusola Bamisile; Derrick Agbidi

385 Takagi Sugeno Fuzzy modeling of an indirect hybrid solar-electrical dryer - Naji ABDENOURI

401 Impact of food waste addition to municipal wastewater on environmental infrastructure - Huseyin Guven; Izzet Ozturk

405 Performance Analysis of Earth Air Heat Exchanger Coupled to a V-Grooved Solar Air Collector - Mohieddine Bouchemel; Rabah GOMRI

427 Experimental Study of Underfloor Electrical Heating System with Integrated CO-PCM Plates - Jalal Faraj

436 Usage of the Nodal Pricing Technique in Electricity Market - Erdal Irmak; Ayberk Calpbinici
440 Assessment of Biogas Potential from Animal Manure in Mediterranean Region of Turkey - Zuhal Akyürek

449 Multivariable modeling of an innovative hybrid solar-gas dryer based on nonlinear least squares methods - Naji ABDENOURI

452 Design and Technical Analysis of a Two-Terminal Voltage Source Converter based HVDC System - Merden Yeşil; Erdal Irmak

467 LiDAR technology for wind energy assessment - LEYRE TORRE; Jose Manuel Lopez-Guede

468 PEM Fuel Cell Modules Associated with Hybrid Energy Storage System, Combining a Battery and Supercapacitor System, for Ship Applications - Salah TAMALOUZT; NABIL BENYAHIA; Said MARIAMA; Angel SCIPIONI; Bernard DAVAT

479 Electronic and Optical Properties of Fe-Doped Semi-insulating InP Semiconductor in a Plasma System - Hilal KURT

477 Cold Atmosferic Pressure He Glow Discharges - Hilal KURT

480 The Influence of the He Plasma on a ZnSe Photodetector in an Infrared Converter - Hilal KURT

484 Review on Vehicle-to-Grid Systems: Benefits, Challenges, Interaction with Smart Grid Issues, S.E. Eyimaya

D) Int J. Hydrogen Energy (To submit your paper to the journal, you must select EnerStock 2018 (Kardas) item as Special Issue title. Make your submission till 31th August 2018. No extension is available.)

90 Solar Energy used for multiphase Cracking of Methane for Hydrogen Production - Rabah GOMRI

105 Stochastic security-constrained generation scheduling with hydrogen storage system, hourly demand response, and a high penetration of wind energy - Mohammad Amin Mirzaei; Ahmad Sadeghi Yazdankhah; Behnam Mohammadi-ivatloo

117 Thermodynamic optimization of methanol steam reforming for HT-PEMFC grade hydrogen production based on Aspen Plus Software - Orhan Özcan; Ayşe Nilgün Akın

229 Investigation of Hydrogen Usage on Combustion Characteristics and Emissions of A Spark Ignition Engine - Yasin Karagöz

235 Graphene Nanoplatelets Supported Platinum Nanoparticles as Electrocatalysts for PEM Fuel Cell Reactions - Solen Kinayyigit; Ece Arici; Begum Yarar Kaplan; Ahmet Mert; Selmiye Alkan Gursel

472 Efficient neural model of a commercial PEM Fuel Cell - Jose Manuel Lopez-Guede; Nicu Bizon; Mircea Raceanu; Josean Ramos-Hernanz; Unai Fernandez-Gamiz; Ekaitz Zulueta

E) J. Modern Pow. Syst.& Clean En. (SCOPUS, SCI-indexed)

231 Real-time Energy Scheduling of a Grid-Connected Microgrid utilizing Lyapunov Optimization Method with Battery and Renewable Generations - Sevda Zeinal-Kheiri; Amin Shotorbani; Saeid Ghassem-Zadeh; Behnam Mohammadi-ivatloo

283 Sensitivity Analysis of Economically Optimal Capacity for a Residential PV-Battery System - Min Seok Song; Young Gyu Jin

288 Risk-based scheduling of smart home using information gap decision theory - Kazem Zare*, University of Tabriz

363 Selecting Optimal Grid Integration Point of DFIG Wind Turbines: A Case Study - Alperen Calisir; Alper Yilmaz; Gokay Bayrak

454 Energy exchanging control in multiple microgrids with transactive energy management - Mohammadreza Daneshvar; Behnam Mohammadi-ivatloo; Mehdi Abapour

F) Int. J. Ren. Energy Tech. (Inspec, google-schoolar, etc.)

10 Seasonal generation of a grid connected PV power plant - Kenan Saka, Uludag University

18 A comprehensive review of solar assisted heating ventilation and air conditioning systems -Olusola Bamisile

29 Estimation the energy production of a 3KW photovoltaic installation - Touahri Tahar

46 Impact of oxygen reducers on carbon steel corrosion under classical and developed methods - Amel Djouadi; Fatiha Bentahar

55 Possibility of Cooling Dam Lake Water by Using Solar Energy for Growing Trout Fish - Turhan Koyuncu

106 Impacts of the geographical location on the performance of PV system - Skikda (Algeria) and Atbara (Sudan) case study - Osman Abdeen; Mourad Mordjaoui; Salim Haddad

123 Validation of operating temperature models of PV module for a grid connected PV system in desert region of Algeria - Rachid Dabou

148 Hydrogen Storage on Li-decorated YCrB4-type Graphene Allotrope - Irem Alp; Yasemin Ciftci

169 A Theoretical Study of Pressure-induced Effects on Phase Transition and Elastic Properties of AsTh Compound - Yasemin Ciftci; Irem Alp

199 Optimization and management energy of a hybrid system (wind/photovoltaic) for pumping system - Samia Bensmail

240 Designing an LED Incapacitator - Burcu YAKISIR GIRGIN

245 Study and modeling of a new optical transmitter - Lyakout Achour

265 Constant Temperature Control with a Fast Transient Response for a Gel Card Incubator - Mustafa Onat; HASAN KOTEN; Hasan Huseyin Celik

278 Modeling and Design of Azimuth-Altitude Dual Axis Solar Tracker for Maximum Solar Energy Generation - Salem Alaraby Ali Shufat

309 Portable Mobile Phone Charger Design with Photovoltaic Battery - Ahmet YILDIZ; Beşir Dandıl; Gülşah Çakmak

313 Thermal Investigation of a Geothermal Coaxial Borehole Heat Exchanger under Thermal Interferences - Rabah GOMRI

315 HIT Silicon Solar Cell: one-dimensional numerical modeling assimilation - Toufik Zarede

318 Rooftop Solar Power Plant Based Electric Vehicle Charging Station - İsmail KIYAK; Tahsin BOYEKİN

337 Voltage Control Of Three Phase Grid Connected Inverter in Smart Building - Ozan Gül; Nusret Tan

351 Thermo-rheological study of carboxymethylcellulose suspension by using an expusion installation - IBADIOUNE Sarra; MELLAL Mounir; ABCHICCHE HACINA; Naima SAHRAOUI; Nadia CHEKIR

370 Wind Energy for Hybrid Car - Negin Maftouni; Fatemeh AsadollahPour

390 Efficiency of a solar dryer with thermal storage by rock salt and bypebble bed - Naji ABDENOURI

396 Performance evolution of a 10.5 kW rooftop grid-connected photovoltaic system in south of Algeria - ROUABHIA ABDELKRIM

404 Bio Gas Holder HAZOP Study & Semi Quantitative Fire Risk Assessment of Organic Matter - Keys for Fire Accident Prevention in Bio Mass Plant - Jayandran Mohan

413 Improving photovoltaic panel performance using a flipping technique - Mahmoud Khaled; Farouk Hachem

425 Use of insulation and phase change material in building structures – Experiments and analysis - Jalal Faraj

431 MPPT controlled DC-DC converter design and application for three stages battery charger - Bassam Al-Hanahi; Burak Akin

444 PV based Field Oriented Control of PMSM Motor of a Washing Machine - Mustafa Onat; Fatih Bayır

448 Optimization of main geometric parameters of solar air heaters based on energy balance - Naji ABDENOURI

478 Hydrogen Discharges in a Microelectronic Device with GaAs Cathode - Hilal KURT

481 Electromagnetic Design of a New 3 kW Axial Flux Permanent Magnet Generator - Erol KURT; Halil Gör; Kayhan Celik; Yusuf Cetin

G) Environmental Technology (SCI-indexed)

34 Degradation of pharmaceuticals spiramycin and tylosin in aqueous solution by heterogenous photocatalysis: Influencing factors, Amel Ounnar; Bentahar Fatiha

49 Utilization of waste polyethylene pyrolysis oil as partial substitute for diesel fuel in a DI diesel engine - Mochamad Syamsiro

60 Feasibility study of Grid-connected Photovoltaic system for seawater desalination station in Algeria - Fadhila Fodhil; Mohamed Bessenasse; Imene Cherrar

65 RDF and its major component thermal degradation analysis to develop gasification technology - Maris Klavins

70 Characterization and pyrolysis kinetics of Thai Napier grass and agricultural residues - Quang Tran

71 On the development of Nozzle reactor for fast hydrothermal liquefaction of biomass - Quang Tran

93 Effect of inoculum acclimation on energy recovery from anaerobic reactors digesting chicken manure - Cigdem Gomec; Tugba Sapmaz; Sevcan Aydun

95 Experimental exploitation of solar energy for drying peanut from Algeria, and production of renewable biofuel - Souad Zighmi; Djamel Mennouche; Mohamed Bilal GOUDJIL; Segni LADJEL; Asma Ayachi OMER

96 Modeling and optimization of the cultivation systems of seaweeds for renewable energy by ANN technique - Souad Zighmi; Abdelghani SEROUTI; Mohamed Bilal GOUDJIL; Segni LADJEL; Asma Ayachi OMER

114 Direct Liquefaction Potential Of Balikesir Olive Baggasee, Tolga Depci; Hüseyin Karaca; Volkan Aylıkçı; Hakan ATES; Ersin Bahçeci

118 Thermodynamic modelling of oxy-reforming and oxy-steam reforming of biogas by using Aspen Plus: An optimization study by RSM - Merve Doğan Özcan; Orhan Özcan; Ayşe Nilgün Akın

139 The combustion characteristics and performance evaluation of hydrogen addition to various fuels in a premixed burner - Ramazan ŞENER; Mehmed Rafet ÖZDEMİR; Murat Umut YANGAZ

367 The performance of sulphur doped activated carbon supercapacitors prepared from waste tea - Savas Yaglikci; Yavuz Gokce; Emine Yagmur; Zeki Aktas

395 Production of Hydrogen Rich Gas from Sugar Beet Pulp by Gasification - Nezihe Ayas; Alattin Çakan; Burcu Kiren; Fatma Duran

489 Household waste recognition adapting learning techniques in the recognition system with ultrasound and color sensors - Donatas Cirtautas; Audrius Senulis; Guseinoviene Eleonora; Jolanta Januteniene; Lione Urmoneine

H) Int. J. RF and Microwave Computer-Aided Engineering

289 A Novel Meander Line Integrated E-shaped Rectenna for Energy Harvesting Applications - Kayhan Celik; Erol KURT

297 A Novel Hybrid Energy Harvester System: Combination of Rectenna and Piezoelectric - Kayhan Celik; Erol KURT

429 A Novel Compact Microstrip Antenna for GSM900 Band RF Energy Harvesting Applications - Cem Gocen; Merih Palandoken; Adnan Kaya

İ) Int. J. Electronics (SCI-indexed)

56 An Improved SIC-MOSFET Gate Driver Circuit Controlled By dsPIC33FJ256GP710A - Mohannad Jabbar Mnati; Aktham Hasan; Van Deoshe Alex

61 Three Phase Grid Connected Photovoltaic System Based Fuzzy Logic Controller Inverter - Djamel Labed; Selwa Fetissi; Imen Labed

132 Design of Output Feedback Sliding Mode Controller for SEPIC Converter - Artun Sel; Uygar Gunes; Cosku Kasnakoglu

135 Method proposal for efficiency improvement in wireless energy power transfer system with two inductive coupled resonator coils - Mihai Arva

158 Impact analysis of the decentralized generation integration in HTA networks, particularly on voltage drop- Abdelkader Bouafia; Djamel Labed

166 A fuzzy logic control study for the mitigation of power fluctuations in the wind turbines, S.E. Eyimaya, Necmi Altın

219 Behavior Analysis Of Asynchronous Wind Turbine In Presence Of Static Synchronous Compensator Operating With Fuzzy Logic Voltage Controller - Mohammed MOKHTARI; Smail Zouggar; Nacer M'Sirdi; ML ELhafyani

242 Voltage Regulation of Self-Excited Induction Generator using STATCOM for Wind Energy Application - Kahina Berabez; Farid Hamoudi; Kassa Idjdarene

281 Energy management of stand-alone hybrid power system by fuzzy logic - Bouthaina Madaci; Rachid CHENNI; Kamel Eddine Hemsas

320 Comparison Study of an In-Wheel BLDC Motor for Light Electric Vehicle Propulsion Using MATLAB/Simulink - Ali Sinan Çabuk; Şafak Sağlam; Özgür Üstün

336 A Hybrid Control Strategy for Photovoltaic Emulator in Partial Shadow Conditions Using dSPACE Controller - Abdelkrim RACHID; Rachid CHENNI; Kerrou Fouwad

338 Analysis of Output Voltage of Voltage Source Inverter with Dynamic Load - Ozan Gül; Nusret Tan

397 Dual-Mode Model Predictive Control for Distributed Generators in AC Microgrids - Sertac Bayhan

435 Model Predictive Based MPPT Control of Boost Converter for Photovoltaic Systems - Erdal Irmak; Naki GÜLER

456 Implementation of the grid-interactive power generation for a hybrid system including a new permanent magnet generator and the solar panels with wind speed - dependent battery controller - Mehmet Demirtas; Erol Kurt

460 Design and implementation of a rotational speed controller for a contactless piezoelectric wind energy harvester - Emre Çelik; Erol Kurt; Nihat Ozturk

462 Cogging torque reduction by using the skewing and separated magnet techniques - ADEM DALCALI; Emre Çelik

483 Fuel Cell (FC) Hybrid Power System with mitigation of the load demand variability by the FC air flow control - Nicu Bizon; Jose Manuel Lopez-Guede; Erol KURT

485 Artificial Neural Network Based Estimation of the Output Ripple of the DC-DC Boost Battery Charger for EVs - Selami Balci; Ahmet Kayabaşı; Berat Yıldız

486 Two-Stage Reactive Power and Voltage Control Strategy for PV Power Plants Based on Variable Droop Control - Yi Tang; Qi Wang; Zhipeng Yu

J) Journal of Polytechnics (TR-Dizin, Google-Schoolar)

42 Heat Resistance of Nano Cement Mortar - Wail Al-Rifaie

45 Production of biodiesel from bioethanol using Algerian's carob - Amel Djouadi; Fatiha Bentahar

80 The performance evaluation of Maximum Likelihood Method for calculating Weibull Distribution coefficients at different points - Yusuf Kaplan

103 Vibration and Noise Depending upon Engine Speed in a Diesel Engine Fueled with Biodiesel - Ahmet Özsezen

138 An energy-management system of a standalone photovoltaic EV charging station - Driss Oulad-abbou; Said El beid; Said Doubabi; Ahmed Rachid

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