

SPECIAL ISSUE INFORMATION FOR AUTHORS

All papers should be improved on following points:

1. Initially, these selections do not mean that they will be accepted by the journals in all means. Authors should give their maximum efforts to improve their short form of conference paper(s). **If you submit your short conference paper version, you will get REJECTION from the journals since we have informed all editors already.**
2. The papers submitted to the journals **MUST NOT** include **conference logo or title**. Please read the author guidelines of **your selected - relevant journal**.
3. All terminology, sentences and figures should be in English. No other language is accepted.
4. The extended papers should be submitted to the journals till **1st Sep 2023**, if no other dates are not specified below. No extension to this date is available.
5. All papers will be peer-reviewed in the journals by their own journal editorial board cooperating with our conference technical committee. **Therefore your paper can be rejected if it is not improved sufficiently from its conference form.**
6. At least **1 and a half** page introduction section is required for all papers for the archival procedure. Otherwise, it will be directly rejected by the journal editors.
7. An archival part which defines the **methodology and technique** should be addressed and extended especially in Sections 1 and 2.
8. All paper sections should be extended, new results & findings must be added in addition to the conference version. A complete & comprehensive form of paper is important for journal version.
9. The author(s) first and family names, address, e-mail(s) should be clearly defined. Do not make abbreviations in author names.
10. **The papers should be sent to the determined journals by writing them in journal format. Do not send the conference-templated paper to the journal. That may cause rejection.**
11. The reciprocal reference is very important. At least 1 published references per journal from the ECREs Special Issue journals (Sustainability, Journal of Energy Systems, Energies, JOM, Part A: Journal of Power and Energy, Politeknik Dergisi, Science Progress) must be added to the References section of your paper. For instance your paper is submitted to JOM, one should put references from our other journals to the references. That is important to increase the ranks of our cooperative journals.
12. Each paper should have minimal 20 references and maximal 40 references.
13. **Internet addresses cannot be assigned as references.**
14. The references from conferences cannot exceed 3 in the references section.
15. References from SCI, E-SCI and SCOPUS and EBSCO indexed journals are acknowledged.
16. The paper titles should be shortened as much as possible. **Do not use abbreviations in the titles. Do not make long titles.**
17. **Nomenclature is needed for the papers which have too much abbreviations and scientific variables.**
18. **The French, Arabic, Turkish and all other languages from equations and figures should be translated to English.**
19. **At least 50% new content should be added to the journal version of your paper.**
20. The maximal page limit depends on the journal policy, individually.
21. All figures should be drawn clearly with large resolution. Journals may reject for low-quality figures.
22. **There may be special names for each Special Issue in the journal submission panels depending on journals. Therefore we have already put links how to submit your paper below. If regular issue, you can submit paper with standard journal submission.**
23. **After the peer-review process, if your paper is rejected from the journals, you can always submit your paper to J. Energy Systems, which is the official journal of ECREs for a 2nd chance. Please write an e-mail to ekurt52tr@yahoo.com in this regard.**
24. **Before the submission of your paper, please check the iThenticate similarity test. If the overall similarity exceeds the limit 10% similarity, the paper would be directly rejected by the journals' editors and no other chance will be given to the author(s) to re-submit it. That is a critical information. Please obey it.**
25. **The single paper similarity must not exceed the limit 5%. Otherwise, the paper will be directly rejected by the journal editor and no other chance will be given to the author(s) to re-submit it. Please obey it.**
26. **We are not responsible to check the papers via iThenticate. Each author must do it, individually.**
27. From time to time, we will inform all authors about the processes via CMT conference system e-mails and hope to have new submissions to our next event icmece.org .

A) Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy (SCI, SCOPUS, as REGULAR SUBMISSION, in cover letter write short form presented in ECRES 2022 ISTANBUL)

- 40 Characterization of Bifacial Technology PV systems
- 44 Prediction of the variability of wave energy potential in an offshore point
- 92 Experimental investigation of PCM based thermal energy storage unit with finned tubes
- 173 Hybrid Photovoltaic thermal (PV/T) Heat Pump Application in the National Stone Centre in UK
- 208 Design of the Tubercle Leading Edge Blade for small-scale wind turbines
- 233 Simulation model of a parabolic trough concentrated solar power plant in Khobar city, Saudi Arabia

B) Journal of Energy Systems (SCOPUS, submit regular issue via journal panel – www.dergipark.org.tr/jes, mention about short form ECRES 2023 in cover letter)

- 14 Experimental study and modeling of solar drying in a ventilated attic
- 18 Benchmark of Electronic Controllers in a Biofuel Production Plant
- 28 Use of a low-cost catalyst for the production of fuel gas and carbon nanotubes from the pyrolysis of plastic waste
- 32 The Analysis of Energy Efficiency Measures in Multiapartment Buildings in Latvia
- 33 Investigation of metal-impregnated zeolites as catalysts in pyrolysis of mixed plastic wastes
- 34 Investigation of metal-impregnated zeolites as catalysts in pyrolysis of mixed plastic wastes
- 35 The expected dynamics of the wind energy in the Baltic and North Seas
- 36 A compact Unit of Photovoltaic Solar Still Air Gap Membrane Distillation process for simultaneous production of water and electricity (TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)
- 37 PV based DC-DC Converter for Hybrid Storage System using Deadbeat Controller
- 39 Conditions for heading towards democratic and environmentally benign electricity systems
- 42 Assessment of the synergy between marine energy resources in the west Iberian coast
- 46 Comparative Study of Cylindrical and Triple Concentric Tube Models for PCM-based Thermal Energy Storage
- 53 The effect of Thin Strontium Titanate Films on the Raman spectrum: Ab Initio Calculations
- 65 Energy utilization of waste for the production of hydrogen
- 73 Activation to elasticity in electricity and heat consumption
- 77 Anaerobic digestion for biogas production using wastewater from polyhydroxyalkanoates production process
- 90 Saving energy by changing lighting in a 24-hour store
- 91 State of charge estimation by online OCV evaluation using an auxiliary controlled load
- 93 Study of thermodynamic processes of hydraulic compression of hydrogen by numerical simulation
- 100 Floating DC Nano Grid for Solar Charging of Recreational Boats
- 107 Experimental study of the ORC system with isobutane (R600a) as a working fluid
- 113 Design of a shape memory alloy heat engine by using waste heat
- 180 Bioclimatic strategies in floating houses and quality of life in the lower area of Belén, Iquitos 2022
- 219 Sustainable energy strategies applied to an experimental aquaponic farming production system

C) SCIENCE PROGRESS (SCI, SCOPUS), to submit your selected paper refer to <https://journals.sagepub.com/page/sci/special-collection/interdisciplinary-studies-on-engineering>

- 11 Capacity Factor of Wind Parks in Bosnia And Herzegovina
- 56 Ammonia nitrogen removal and recovery using bipolar membrane electro dialysis with a membrane contactor
- 63 Enhancing breakdown of microplastics by hydrothermal Fenton reaction
- 80 Performance of microwave-assisted hydrolysis of cattle manure and the effect of food wastewater as chemical catalyst
- 85 Machine learning approaches for predicting methane production from anaerobic digestion of thermally pretreated slaughter waste (TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)
- 61 Characteristics of a small aspect ratio tokamak fusion reactor for nuclear transmutation with a molten salt blanket (TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)
- 66 Performance Evaluation of Solar Aggregation Platform on the Cloud and Edge Device Integration
- 67 Educational Study on Performance Comparison of PID, Fuzzy Logic-PID, and Bode Editor Techniques for Series Wound DC Motor Speed Control (TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)
- 118 About DC parameters of PV panels
- 127 Analysis of energy efficiency in public lighting systems friendly to the environment and protected areas.
- 146 What is Energy Informatics? An inclusive view (TITLE SHOULD BE CERTAINLY SIMPLIFIED like Energy Informatics for Energy)
- 160 Exploring the Green Transformation Path of Enterprises under the “Carbon Peaking and Carbon Neutrality” Target
- 169 Solar PV recycling strategies
- 177 Study of the use of agrovoltatics in the Canary Islands. Issues to consider
- 200 Bioclimatic design strategies in social housing for cold weather-Tacna - Peru 2022
- 223 Cost Models of Single-Phase and Three-Phase Cable Underground Lines
- 228 Raising awareness and uncertainty caused by Green Deal targets within companies involved in emission trading scheme in Latvia (TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)
- 236 Two-Element MIMO Antenna for UWB Wireless Communications

D) JOM (SCI, SCOPUS read below)

(The scope of this invited topic focuses on the recent advances in the synthesis and characterization of clean energy materials. This includes recent experimental, theoretical, and computational studies of materials in this field. Papers are solicited for materials used in energy conversion, such as those used for the fabrication of solar cells, solar panels, and solar concentrators. Materials used in fuel cell technologies, and materials of usage to produce energy in the form of hydrogen such as bio-waste, and biomass, and those used to enhance hydrogen production such as catalysts. Materials used for energy storage applications are also of interest.

Please read the detailed [Instructions for Authors](#) and upload your manuscript at the Editorial Manager website for **JOM** at <http://jomj.edmgr.com/>. To ensure sufficient time for peer review, **papers will not be accepted after the posted manuscript submission deadline**. Original research papers should be **3,000-9,000 words** with up to **12 figures maximum**; review papers should be **6,000-11,000 words** with up to **20 figures maximum**. Additional information is available on this topic at the JOM Editorial Calendar web page at

https://www.tms.org/portal/PUBLICATIONS/Journals/JOM/JOM_Editorial_Calendar/JOM_Topic_Details/portal/Publications/Journals/JOM/JOM_Topic_Details.aspx?hkey=7bed9197-a2af-479c-ad3c-d180312e14fe&topicID=3203

, For questions you can directly communicate with *Prof. Shadia Ikhmayies* – E-mail: shadia_ikhmayies@yahoo.com)

- 41 Development of skutterudite-type thermoelectric materials $\text{LaxCo}_4\text{Sb}_{12}$ using high-pressure synthesis method
- 74 Investigation of the latest developments in battery technology for enhanced performance and increased range in electric vehicles, (TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)
- 108 Towards Li_2S All Solid State Batteries
- 125 Comparing The Efficiency of Nano Zero Valent Iron, Activated Carbon and Hydrochar As Additives on Biohydrogen Production By Dark Fermentation, (TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)
- 131 The Relation Between Top-Cell Bandgap and Silicon Bottom-Cell Thickness in Double-Junction 2-Terminal Silicon-Based Tandem Solar Cells, (TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)
- 132 Characterization of Biocrude Oils from Hydrothermal Liquefaction of De-Ashed Energy Grass,

133 Conceptual Design of An Aluminum-Air Battery System to Remove Hydrogen and By-Products,
134 Iron-Chlorine Chemical Cycle for On-Demand Green Hydrogen Production Powered by Waste Heat,
142 Optimization of The Iron Chloride Electrochemical Cycle as A Long-Term Energy Storage Technology
196 Groundbreaking Materials for Retrofitting Light Water Reactor Fuels,
216 Bacterial Cellulose - A Potential Biomaterial for Energy Storage and Energy Conversion Devices,
225 The Exploration of the Influence of a Magnetic Field on a Fuel-cell System,
226 Adsorbed Gas Storage Digital Twin,
239 Computational Analysis of Variable Electrode Compression on the Performance of Vanadium Redox Flow Battery
244 Breakdown Voltage of DC Capacitive Discharge Plasma

E) Journal of Polytechnics (E-SCI, submit via

<https://dergipark.org.tr/en/pub/politeknik> to the regular issue . In the cover letter mention about short form of ECRES 2023)

43 Comparable Recovery of Metals from Waste Photovoltaic Panel using Microbial Media and Organic Acids
50 Decarbonizing a Thai coal power plant: effect of flue gas loads on carbon capture performance and economics
51 Design and Implementation of DC-DC Converter for PV based EV Battery Storage System
68 Design, performance testing and optimization of a forced convection indirect solar dryer
143 Applying Explainable AI For Heating Control in Low Power IoT Devices
145 Analysis of geothermal power plant process design for lahendong expansion area with comparison of flash steam and binary cycle systems (TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)

F) Sustainability (SCI, SCOPUS,

https://www.mdpi.com/journal/sustainability/special_issues/852J82NHAW)

23 Forecasting Electricity Consumption for Covid-19 Pandemic Period and Beyond
25 Energy efficiency in the Last Mile: From conventional to renewable energy transport
29 Development of sorbents for carbon capture to achieve carbon neutrality
57 Ball mill pretreatment for improved bioavailability of biomass
60 Challenges and Opportunities of Enhanced Biogas Production using Anaerobic Co-digestion with a Low Carbon Footprint(TITLE SHOULD BE CERTAINLY SHORTENED FOR JOURNAL VERSION)
76 Anaerobic Digestion of Kitchen Residue and its Biogas Production
79 A potential reduction of energy consumption by the flexible working hour policy: an experimental study in Chiangmai, Thailand (TITLE SHOULD BE CERTAINLY SIMPLIFIED like Energy Informatics for Energy)
84 Engineering rumen microbiome with Megasphaera hexanoica for mitigating biogas emission
86 Evaluation of the microbial methanation process on the pilot scale with enhanced hydrogen mass transfer for the high-purity methane production (TITLE SHOULD BE CERTAINLY SIMPLIFIED like Energy Informatics for Energy)
141 Hydro-energy plants modeling in optimal power flow problems
159 Enhancing the Performance of Human Motion Energy Harvesting through Optimal Smoothing Capacity in the Rectifier
162 The Influence of Recuperative Cooling Approach for Energy Harvesting on Efficiency of Thermoelectric Cooling
165 Allocation of photovoltaic distributed generations in a radial distribution system

- 170 Using FMEA Technique to Improve Steam Boiler Energy Efficiency
- 218 Numerical study on indoor air purification and heating energy consumption
- 237 Adaptive Mesh Refinement Criterion Comparison for DrivAer Model
- 238 Trends in Lithium-Ion Battery Optimization for Electric Vehicle Fleets
- 243 Efficiency analysis of fixed and axis tracking options of photovoltaic systems to be installed in a marina

G) Energies (SCI, SCOPUS ,

Submit via https://www.mdpi.com/journal/energies/special_issues/H0W9S28120)

- 38 Role of the transport sector in hydrogen energy system
- 62 CO2 Capture by Mineralization and Utilization: Primary Assessment of Thai Ultramafic Rock Resource
- 72 Design and Control of Switched Reluctance Motors with Different Stator and Rotor Pole Numbers by Co-simulation: Comparatively Performance Analysis (TITLE SHOULD BE CERTAINLY SIMPLIFIED like Energy Informatics for Energy)
- 78 Estimating energy consumption of battery electric vehicles using in-vehicle sensing and machine learning approaches
- 98 Unsupervised Neural Network Optimized with Genetic Algorithm for MPPT Control of a Floating Wind Turbine
- 137 Will Industrial Green Total Factor Productivity be Affected by Digital Finance?
- 158 The chance for RESC in Italy: study for a sizing model
- 166 A process mapping study of end-of-life electric vehicle battery repurposing for renewable energy storage
- 209 The reliability of the forecast of energy yield, case of Kitka wind farm
- 221 Parameter estimation of PV system towards self-consumption of electric energy for dormitory
- 230 Production and consumption load profile characterization in Energy Communities
- 231 The use of renewable energy sources and radiant capillary heat exchangers to increase the energy efficiency of an existing apartment (TITLE SHOULD BE CERTAINLY SIMPLIFIED like Energy Informatics for Energy)
- 235 Determination of structural parameters of boilers loading devices on a small biomass to reduce the air excess coefficient in the boiler chamber (TITLE SHOULD BE CERTAINLY SIMPLIFIED like Energy Informatics for Energy)
- 241 Power System Equipment Mentoring Using Web-Based Controller
- 242 The effect of demagnetization faults in permanent-magnet synchronous wind generators