

PAPER SELECTIONS PER JOURNALS

INFORMATION FOR AUTHORS

Author(s) should obey 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 conference paper as we pointed out in OPENING TALK. If you submit your conference paper version, most probably you will get REJECTION from the journals.
2. The papers submitted to the journals **MUST NOT** include conference logo or title. Please read the author guidelines of the journal, which your paper has been selected.
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 **30th July 2024**, 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 journal editorial board. **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 an archival contribution. 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 the relevant section.
8. All paper sections should be extended, **new results & findings** should be added. Note that conference paper methodology differs than the journal paper methodology.
9. The author(s) first and family names, address, e-mail(s) should be clearly defined according to journals' author guidelines. 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 from the main page (www.ecres.net) should be added to the References section of your extended paper. For instance your paper is submitted to JOM, one should put references from our other journals (i.e. J. Energy Systems, Applied Solar Energy, Proceedings the Institution of Mechanical Engineers-A, Journal of Polytechnics, etc). If the journal scope above is irrelevant, please do not try to find references from the journal. That is important to rise up the citation ranks of our 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 4 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. **But do not use abbreviations in the titles.**
17. **Nomenclature is needed for the papers, which have too much abbreviations and scientific variables.**
18. **The French, Arabic, Turkish, Spanish and all other languages from equations and figures should be translated to English.**
19. **At least 40% new content should be added to the journal version of your paper.**
20. The maximal page limit depends on the journal policy, individually. But for a standard R&D paper, page numbers between 10 and 15 are preferable for all journals.
21. All figures should be drawn clearly with high resolution. Journals may reject your extended paper for low-quality figures.
22. There will be special names for each Special Issue in the journal submission panels. From time to time, we will inform authors on the submission procedure by consulting the journal editor. If regular issue, you can submit paper with standard submission. We inform SI/regular info beside the journal title in this document.
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. For the E-SCI indexed journal - J. Polytechnics, use the link (<https://dergipark.org.tr/en/pub/politeknik>).
25. **For journal JOM, at the paper submission panel, select the item "S.I.: 2024- Energy Materials Production and Characterization".**
26. **Before the submission of your paper, please check the ithenticate similarity test. If the overall similarity exceeds the limit 15% 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. Authors responsible for this issue.**
27. 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.
28. We are not responsible to check the papers via ithenticate. Each author must do it, individually.

29. The papers of Sustainability Journal (with Article Processing Charge after acceptance) should be submitted by clicking at “ [https://www.mdpi.com/journal/sustainability/special issues/81KM068Z5E](https://www.mdpi.com/journal/sustainability/special%20issues/81KM068Z5E) ”. Otherwise it may be rejected directly.
30. Do not forget to write Acknowledgments at the end of your paper if you have got a project or institutional support during your project.

A) Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy (SCI-indexed, SCOPUS) (as regular submission, but in cover letter write “short form presented in ECRES 2022 ISTANBUL”)

| Paper ID | Title | Authors |
|----------|--|------------------------------|
| KEYNOTE | Caloric Cooling and Heat Pumping Technologies Based on Sustainable Solid-State Refrigerants | Adriana Greco |
| 20 | Experimental Analysis and Assessment of Local Air Temperature and Heat Transfer in a Serpentine Heat Exchanger | Napassawan Khammayom, et al. |
| 25 | Layout Optimization of Airborne Wind Energy Farms Considering Scaling Effects | Luís A.C. Roque, et al. |
| 221 | Design and Analysis of A Small-Scale Wind Turbine for Baltic Region | Ali Arshad, et al. |
| | | |

B) Journal of Energy Systems (SCOPUS-indexed) (submit as regular issue via journal panel - www.dergipark.org.tr/jes)

| Paper ID | Title | Authors |
|----------|--|-----------------------------------|
| KEYNOTE | Eco-Design in Shielded Metal Arc Welding | Ruben Lostado |
| KEYNOTE | The Transition Toward A Fully Decarbonized Energy System: The Pivotal Role of Power-to-X Technology | Francesco Calise |
| 196 | Measurements of Separation Bubble and Secondary Vortex on A BACKWARD-Facing Step (BFS) using PIV | Xabier Uralde Guinea, et al. |
| 13 | Gasification and Pyrolysis of Biomass using A Plasma System | Vladimir Messerle, et al. |
| 18 | Performance Enhancement of the Application Layer for Distribution Planning Platform | Panitarn Chongfuangprinya, et al. |
| 30 | Evaluation of The Techno-Economic Aspects and Sustainability of Integrated Renewable Energy Systems | Georg Klepp, et al. |
| 40 | Fostering Sustainable Anaerobic Digestion Processes with Advanced Nutrient Recovery Solutions | Dolores Hidalgo, et al. |
| 126 | A Two-Dimensional Model for Positive Half Cell of TEMPO-Based Aqueous Organic Redox Flow Battery | Joseba Martinez-Lopez, et al. |
| 84 | Removal of Perfluorinated Compounds (PFCs) According to Raw Water Characteristics and Drinking Water Treatment Systems | Seon-Ha Chae, et al. |
| 116 | Harnessing Rice Paper as a Self-Powered Humidity Sensor for Future Electronics | Muhammad Muqet Rehman |
| 10 | Emission Characteristics of Experimental Fuel Mixtures for More Ecological Vehicle Driving Systems | Michal Puškár, et al. |
| 23 | Floating Double Boost Converter | Felix A. Himmelstoss, et al. |
| 57 | Potential for A Circular Economy for Sustainable Large-Scale Renewable Energy Systems | Leigh Pham |
| 62 | Carbon Benefits of Transitioning Diesel Public Transport to Electric Drives | Thiradet Wiriyayuttaphan, et al. |
| 113 | Analyzing Stabilization Time for Bypass Diode Thermal Test of c-Si PV Modules | Prashob Sisiram, et al. |
| 215 | A Transient Simulation Model of A Metal Hydride Tank | Francesco Calise, et al. |
| 146 | Analysis of Three Different Ultra-Efficiency Projects: Comparison and Lessons Learned | David Koch, et al. |
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C) JOM (SCI, SCOPUS, in submission panel select S.I.: 2024- Energy Materials Production and Characterization, Guest Editor: Prof Dr Shadia Ikhmayies, Prof Dr Erol Kurt)

(Please read the detailed [Instructions for Authors](#) and upload your manuscript at the [Editorial Manager](#) website for **JOM**. 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. See the SI details at https://www.tms.org/portal/PUBLICATIONS/Journals/JOM/JOM_Editorial_Calendar/JOM_Topic_Details/portal/Publications/Journal/s/JOM/JOM_Topic_Details.aspx?hkey=7bed9197-a2af-479c-ad3c-d180312e14fe&topicID=7591)

| Paper ID | Title | Authors |
|----------|--|---|
| 186 | Catalytic Methanol Production from Carbon Dioxide | Ömer Egemen Bol, Gamze Behmenyar, Mesut Akgün, Tahsin Bahar |
| 216 | Modeling of The Anaerobic Co-Digestion of Municipal Wastes and Agricultural Crops for The Production of Liquefied Biomethane for The Decarbonization of The Transport Sector | Francesco Calise, Francesco L. Cappiello, Luca Cimmino, Maria Vicidomini |
| KEYNOTE | 3D printed Nonlinear Energy Harvesters Based on Biocompatible Foamed Piezo-Electret Materials | Francesco Cottone |
| 73 | A High-Power Supercapacitor Device Assembled by Rgo Nanosheet Encapsulated mnco2s4 Nanoflowers | Yuttana Mona, Chatchawan Chaichana, Pana Suttakul, Napassawan Khammayom, Ramnarong Wanison, Uma Shankar Veerasamy |
| 180 | Production of Biogas from Unconventional Biomass By Ball-Mill and Thermal Hydrolysis Pretreatments | Changgyun Lee, Hyunook Kim |
| 208 | Design and Analyses of The Patch Antenna for THZ Applications | Ozan Korkmaz, Kayhan Çelik, Erol Kurt |
| 130 | Vanadium Redox Flow Battery Design Study | Decebal Aitor Ispas-Gil, Ekaitz Zulueta, Unai Fernandez-Gamiz, Jose Manuel Lopez-Guede, Borja Morcuende-Rejado |
| 220 | Hydrogen Station Design in A Scenario of Hydrogen-Powered Heavy-Duty Fleets | Asier Gonzalez-Gonzalez, Jose Manuel Lopez-Guede |
| 206 | Predicting Future Performance of Renewables using Logistic Curves | Giacomo Bersano, Pierre-Emmanuel Fayemi, Jeanne-Marie Dalbavie, Nicolas Vandenbranden |
| | Dependence of the Optical Parameters of Spray-Deposited CdS:In Thin Films on Film Thickness | Shadia J. Ikhmayies |
| | The Influence of the Substrate Temperature on the Optical Parameters of Spray-Deposited SnO ₂ :F Thin Films | Shadia J. Ikhmayies |
| | | |

D) Journal of Polytechnics (E-SCI-indexed submit as regular issue, <https://dergipark.org.tr/en/pub/politeknik>)

If the paper is rejected you can submit it to our official journal J. Energy Systems (www.dergipark.org.tr/jes)

| Paper ID | Title | Authors |
|----------|---|----------------------------|
| 44 | Plasma Processing of Rubber Powder from End-Of-Life Tires: Numerical Analysis and Experiment | Vladimir Messerle, et al. |
| 162 | Design and Simulation in 3D of Axial Flux Permanent Magnetic Machines for Electrical Power Generation | Taib Mustapha, et al. |
| 214 | Smart Management of EV Charging using Low-Cost Materials | Josean RamosHernanz, et al |
| 45 | Production of Biochar and Hydrochar from Straw for Sustainable Agriculture | Rositsa Velichkova, et al. |
| 174 | Intelligent Current/Acceleration Soft-Starting Controller for Induction Motor Drive System | Amir Abdel Menaem, et al |
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E) Sustainability (SCI-indexed, SCOPUS -indexed , submit via

“https://www.mdpi.com/journal/sustainability/special_issues/81KM068Z5E , Guest editors: Prof Dr Erol KURT, Prof. Dr. Jose M. Lopez-Guede) If you or your institution cannot afford Article Processing Charge, You can submit to our official journal J. Energy Systems (dergipark.org.tr/jes)

| Paper ID | Title | Authors |
|----------|---|----------------------------------|
| 12 | Policy Instruments for Promoting Renewable Energy: Empirical Evidence on Their Diffusion Across EU | Roberta Arbolimo, et al |
| 17 | HENSUS – A Tool for Configuring Hybrid Power Systems for Fishing Vessels | Nikola Vladimir , et al |
| 219 | Electric Vehicle Retrofit Business Model Implementation in Chile | Felipe A. Nunez-Donoso |
| 207 | Optimizing Energy Efficiency with A Predictive Dynamic Window Approach for Mobile Robot Navigation | Daniel Teso-Fz-Betoño, et al. |
| 31 | Elevation of Domestic to International Carbon Credit Voluntary Scheme: The Case of Greenhouse Gas Mitigation in Renewable Energy Project | Chaichan Ritkrerkkrai, et al. |
| 39 | Innovative Integration of a MEC-AD System for Enhanced Biogas Production | Dolores Hidalgo, et al. |
| 59 | Integration of Solar Stirling in A Multi-Generation and Storage Power System | Georg Klepp, et al. |
| 88 | Evaluation of the Per- and Polyfluorinated Substances(PFASs) Removal Models in A Water Treatment Pilot Plant | Min Jung Jeon, et al. |
| 95 | A Numerical Investigation on MULTICAL: The Ecofriendly Heat Pump Based on Multicaloric Effect | Luca Cirillo, et al. |
| 159 | Experimental Wave-Structure Interaction of membrane-type Floating Photovoltaics | Hanna Pot, et al. |
| 161 | Process Simulation of SOEC-FT-reactor Combined System for Synthetic Liquid Fuel Production from Renewable Power and Carbon Dioxide | Yohei Tanaka, et al. |
| 171 | Assessment of Sewage Sludge as A Component for The Tire Char Co-Gasification Process | Katarzyna Śpiewak, et al. |
| 7 | Mason’s and Martin’s Equivalent Circuits for Vibrations’ Energy Harvesting from Automobile Suspension System with Piezoelectric Stack | Ayoub Benhiba, et al. |
| 14 | Use of Wind and Solar Systems to Minimise The Environmental Impact of Domestic Energy Users | Ewen Constant, et al. |
| 22 | Startup Concept for The Operation of A Regional AI-Based Marketplace for Renewable Energies | Holzinger Jonas, et al. |
| 28 | Gap Analysis and Development of Low Carbon Tourism in The Hotel of Chiang Mai Province Towards Sustainable Tourism Goals | Kanokwan Khiaolek, et al. |
| 32 | Bibliometric Analysis of Emergent Airborne Wind Energy Systems | Alzira Mota, et al. |
| 56 | BESS Reserves Optimization in Energy Communities | Wolfram Rozas-Rodriguez, et al. |
| 105 | A Long-Term Strategy Suggestion for Renewable Energy Success | Katherine Johnson, et al. |
| 210 | A Short Review of AI in The Context of The Europe’s Energy Transition: Electric Mobility, Efficiency and Renewable Generation (It should be more comprehensive) | Fernando Freijo Guerrero, et al. |
| 213 | Dynamic Analysis of The Integration of Light Electric Vehicles in Renewable Energy Communities | Francesco Calise, et al. |
| 129 | SMART Hibrid Cogeneration | Borja Morcuende-Rejado, et al. |
| 131 | Design Methodology of a Fuel Cell Hybrid Electric Vehicle Energy Management System | Álvaro Gómez-Barroso, et al. |
| 134 | Evaluation Study of EU Biomass Potential from The Biodegradable Municipal Waste | Magdalena Borzęcka, et al. |
| 182 | Interconnection of Renewable, Vital Step in Modernization Old Small Hydropower Plants | Victorita Radulescu, et al. |
| 195 | A Novel Approach for Development of Drive Cycle and Integration of Vehicle Parameters as Energy Consumption Indicator | Vishal Soni, et al. |
| 202 | Detecting Malware in Smart Cities with AI and Edge Computing to Reduce Energy Consumption | Mustafa J.M Alhamdi |
| 203 | An Ongoing Review on Edge Computing and IoT Applications (It should be more comprehensive) | Jafar AlQaryouti |
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F) Applied Solar Energy (SCOPUS-indexed, submit as regular submission, <https://link.springer.com/journal/11949>)

| Paper ID | Title | Authors |
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G) TURJE (E-SCI, submit as regular submission - <https://dergipark.org.tr/en/pub/turje>) If the paper is rejected, you can submit to official journal J. Energy Systems (www.dergipark.org.tr/jes)

| Paper ID | Title | Authors |
|----------|--|---------------------|
| 160 | Development of Training Regarding The Future Manufacturing of Lithium-Ion Batteries in The Kymenlaakso Region in Finland | Maunu Kuosa, et al. |
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H) International Journal of Renewable Energy Development (SCOPUS, E-SCI indexed, submit as regular submission) (<https://ejournal.undip.ac.id/index.php/ijred>)

| Paper ID | Title | Authors |
|----------|--|--------------------|
| 46 | Advanced Solutions for Residential Photovoltaics (PV) Systems: Models, Concepts, and Demonstrators | Hesan Ziar, et al. |
| | | |

I) Transactions on Electromagnetic Spectrum (indexed in EBSCO, Google Scholar: Submit via <https://tesjournal.com/index.php/home>)

| Paper ID | Title | Authors |
|----------|---------------------------------------|-------------------------|
| 218 | Energy Efficiency in Drone Operations | Daniel Caballero-Martin |
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J) Technology and Economics of Smart Grids and Sustainable Energy (SCOPUS indexed, submit as regular paper) If the paper is rejected, you can submit to official journal J. Energy Systems (www.dergipark.org.tr/jes)

| Paper ID | Title | Authors |
|----------|---|-------------------------------------|
| 173 | The Digitalization Process of The Smart Grids in African Context | Marco Bovo |
| 29 | Optimizing Renewable Electricity Supply: A Hybrid PV-Wind Energy System Approach for Sustainable Integration in Italy | Vittoria Battaglia |
| 100 | Novel Direct Power Control Based on Grid Voltage Modulated Technique Using Artificial Intelligence | Mujammal Ahmed Hasan Mujammal |
| 149 | Energy Management Technique of HESS Based DC Microgrid | Albasher Mohammed Abdulelah, et al. |
| 154 | Development of A Reliable PV 3-Phase Inverter System with High African Manufacturing Content | Radwan H. Abdel Hamid, et al. |
| 187 | Energy Source Analysis in Microgrid Applications on Rural Dairy Plants | Evan A. M. Creeden, et al. |
| | | |

K) International Journal of Heat and Technology (indexed in E-SCI, SCOPUS, Engineering Village, It needs a reduced Article Processing Charge from the authors to publish in this journal. The reduced amount is 400 USD, If your paper is rejected, then you can try Sustainability journal Special Issue or J. Energy Systems.)

| Paper ID | Title | Authors |
|-----------------|--|--|
| 128 | Computational Fluid Dynamics Analysis of Thermal Management in Lithium Cylindrical Cells | Eneko Juanena Lodeiro, et al. |
| 37 | Experimental and Numerical CFD Analysis of A Solar Dryer with Integration of Basalt Thermal Bed for Heat Storage | Thiao Serigne, et al. |
| 60 | AI Enhanced Testing Stand for Determining The Thermal Properties of Materials | Mihail-Bogdan Carutasiu, et al. |
| 127 | Flow Control Devices for Drag Reduction a Sunsundegui Coach using CFD | Ander Larrinaga Aguirre, et al. |
| 188 | Realization of an Indirect Solar Cooker | Angeline Kpeusseu Kouambla Yeo, et al. |