

## Special Issue

# Advanced Materials for Energy Storage/Conversion and Sustainable Processing Based on Electrochemical Processes and Related Characterization Methods

### Message from the Guest Editors

This Special Issue of *JETA* will present the latest developments in the research on advanced materials for the electrochemical devices that are employed in energy storage/conversion and processing. A specific focus of the Issue is the description of the characterization methods employed in the study of the electrochemical devices of interest. Among the various electrochemical devices, special attention will be dedicated to innovative batteries and related technologies. In the latter case, the contributions will mostly provide insight into the design, synthesis, and characterization of novel materials for innovative and non-conventional battery technologies. In conclusion, it is expected that this Special Issue of *JETA* will serve as a valuable resource for researchers and practitioners in the field of materials science for the electrochemical applications of major interest in the present time.

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### Guest Editors

Prof. Dr. José Solla Gullón  
Dr. Danilo Dini  
Dr. Daniele Passeri

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### Deadline for manuscript submissions

closed (29 February 2024)



## Journal of Experimental and Theoretical Analyses

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### Message from the Editor-in-Chief

The intricate relationship between theory and experiment is the cornerstone of engineering progress. At the Journal of Experimental and Theoretical Analyses (JETA), we are committed to exploring these connections through rigorous and innovative research. The journal is a dedicated platform for presenting pioneering analyses that push the boundaries of what is possible in engineering.

Our journal serves as a crucial nexus where theoretical insights meet experimental validation, advancing the understanding of complex engineering phenomena. The comprehensive exploration of these topics not only contributes to academic knowledge, but also leads to practical applications that address real-world engineering challenges.

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### Editor-in-Chief

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