

Special Issue

Advances in Electromagnetic Energy Applications for Sustainable Processes

Message from the Guest Editor

The topics covered will include the following: 1. The latest insights into the basis of the different processes: fundamental knowledge about the interaction of electromagnetic energy with matter. 2. The development of cutting-edge microwave technology for processes, with a special focus on new pathways, intensified routes, reduced CO₂ footprints, increased circularity, wastes recycling, processes electrification and a transition towards the use of renewable energy sources, aimed at achieving a more sustainable industry. 3. New equipment and strategies for microwave-driven processes control and monitoring, including artificial intelligence schemes, aligning with the goals of Industry 4.0.

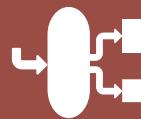
Guest Editor

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