Special Issue

Microwave Conversion Techniques Intensification

Message from the Guest Editors

Since the assessment of green chemistry principles, the use of microwaves as valuable tool for sustainable and effective conversion technology has increased. Microwave-based processes have played a very relevant role in many technological fields, proving their feasibility. Furthermore, microwave heating has been proved as a breakthrough approach in the thermochemical conversion of polymeric materials. Additionally, the food and pharmaceutical sectors have adopted microwave processes as a common production stage in many industrial platforms. Last but not least, the manufacture of inorganics materials has also included microwave processing such as performing approach in several productions. This Special Issue aims to provide an up-to-date picture of recent advances and outstanding innovations in the field of microwave technology. Studies of the intensification of industrial microwave procedures at lab-scale and with solid proof of concept about microwave conversions will reported.

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