



## Green Chemistry: Microwave Synthesis, Latest Approaches towards Sustainable Processes

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### Message from the Guest Editors

This Special Issue will document the most recent and significant advances in microwave synthesis. Each author may include in their work their immediate background, reasoning, justifications, data, graphs, interpretations, and complementary experimental evidence that allow their observations to be evaluated, compared, and reproduced. The topics in this Special Issue include, but are not limited to:

- a. Experimental development of general synthesis methodologies;
- b. Optimization of previously documented synthesis processes without the use of microwaves;
- c. Production of compounds, either as final products or reactive intermediates, which are of interest for health, food or technology;
- d. Development of theoretical, predictive, calculus or semi-empirical models that explain the use and interaction mechanics of microwaves in chemical transformation systems;
- e. Proposals for scaling up processes from the laboratory to a pilot plant or chemical plant using microwaves;
- f. Prototypes of microwave reactors, focusing on the publication of the results of the chemical transformations carried out within them;





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