

## Special Issue

# Plant Essential Oils for the Control of Insects and Mites

### Message from the Guest Editor

Plant essential oils have emerged as promising natural alternatives to synthetic pesticides due to their rich chemical diversity, biodegradability, and low environmental persistence. This Special Issue, “Plant Essential Oils for the Control of Insects and Mites”, aims to explore the potential of essential oils and their major constituents in managing pest populations of economic importance. We welcome original research and review articles focused on the isolation, chemical characterization, and bioactivity of essential oils and their compounds. Studies on fumigant, contact, and repellent activity, effects on development and reproduction, sublethal and behavioral impacts, and mechanisms of action and resistance are of particular interest. Contributions addressing formulation strategies, nanoemulsions, and the selective toxicity of essential oils to beneficial organisms are also encouraged. This Special Issue offers a platform for interdisciplinary contributions from entomology, acarology, plant chemistry, and pest management to deepen our understanding of how essential oils can be integrated into sustainable pest control strategies.

### Guest Editor

Prof. Dr. Douglas Barbosa

Instituto Federal de Educação, Ciência e Tecnologia do Maranhão  
Campus Codó, Povoado Poraque, sn, Codó 65400-000, MA, Brazil

### Deadline for manuscript submissions

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## Insects

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*Insects*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[insects@mdpi.com](mailto:insects@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Brian T. Forschler

Department of Entomology, University of Georgia, 413 Biological  
Sciences Building, Athens, GA 30602-2603, USA

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