



insects



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Behavioral Manipulation for Pest Control

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Message from the Guest Editors

Dear Colleagues,

The behavioral manipulation of arthropod pests for plant protection requires deep knowledge and strong interaction among many disciplines. In this context, two disciplines, chemical ecology and biotremology, constitute the fulcrum of the system: Behavior and communication, molecules and waves, materials and structure, all of these are pieces of a new expanding universe towards the larger-scale applications of old and new biocontrol techniques for a sustainable crop protection.

In this framework, the present Special Issue welcomes original research and reviews about theoretical, laboratory, and field studies on the use of techniques of behavioral manipulation aiming at monitoring, repelling, attracting, and disrupting arthropods of economic importance. Furthermore, studies that concern instrument and device development, strategy implementation, and any other subject that is connected with behavioral manipulation for crop pests control will be considered for publication.



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Special Issue