



*plants*



*Special Issue Reprint*

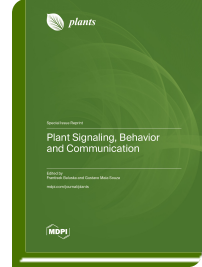
## **Plant Signaling, Behavior and Communication**

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This Special Issue reprint focuses on the exquisite and cognitive plant behaviors emerging from their complex relationship with a constantly changing environment, including the vast network of communications that link plants to other plants and different organisms. More and more evidence has demonstrated that plants are not merely stimulus–response reactive objects, responding passively to the external environment. On the contrary, they have their own plant-specific agency, and their interactions with the variable environment involves directed and intentional actions that are regulated by sophisticated processes of sensing and signaling. Such interactions form communication networks with neighboring plants that also interfere positively or negatively in the way each individual thrives.



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