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Altri autori (Persone)	GilroySimon MassonPatrick H
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Mechanisms of gravity perception in higher plants / Aline H. Valster and Elison B. Blancaflor -- Signal transduction in gravitropism / Benjamin R. Harrison ... [et al.] -- Auxin transport and the integration of gravitropic growth / Gloria K. Muday and Abidur Rahman -- Phototropism and its relationship to gravitropism / Jack L. Mullen and John Z. Kiss -- Touch sensing and thigmotropism / Gabriele B. Monshausen, Sarah J. Swanson and Simon Gilroy -- Other tropisms and their relationship to gravitropism / Gladys I. Cassab -- Single-cell gravitropism and gravitaxis / Markus Braun and Ruth Hemmersbach -- Space-based research on plant tropisms / Melanie J. Correll and John Z. Kiss -- Plan(t)s for space exploration / Christopher S. Brown ... [et al.].
Sommario/riassunto	Tropisms, the defined vectorial stimuli, such as gravity, light, touch, humidity gradients, ions, oxygen, and temperature, which provide guidance for plant organ growth, is a rapidly growing and changing field. The last few years have witnessed a true renaissance in the analysis of tropisms. As such the conception of tropisms has changed

from being seen as a group of simple laboratory curiosities to their recognition as important tools/phenotypes with which to decipher basic cell biological processes that are essential to plant growth and development. Plant Tropisms will provide a compr