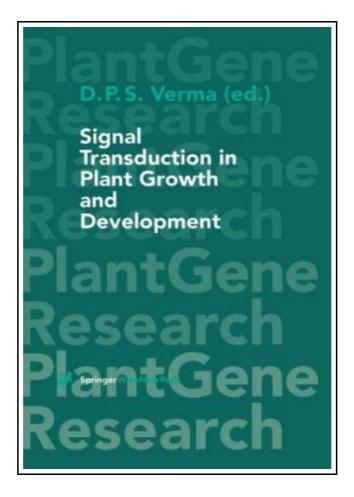
Signal Transduction in Plant Growth and Development



Filesize: 8.51 MB

Reviews

It is an awesome ebook which i actually have at any time read through. It usually fails to charge excessive. It is extremely difficult to leave it before concluding, once you begin to read the book. (Dario Murazik IV)

SIGNAL TRANSDUCTION IN PLANT GROWTH AND DEVELOPMENT



Book Condition: New. Publisher/Verlag: Springer, Wien | Plant growth and development is controlled by various environmental cues that are sensed by the plant via various signal transduction pathways coupled to specific response. Some of these pathways are conserved from yeast to plants being regulated by various kinases and phosphatases. In addition, plants have many unique pathways that transduce to specific signals such as light, phytohormones and oligosaccharides. This volume highlights some of the examples of the plant signal transduction machinery opening new vistas in research on plant growth and development. The new technologies including the use of bacteria, yeast and Arabidopsis as functional complementation systems are providing proof of function of many of the proteins that show homology to those from other organisms. These studies will eventually lead to improvement of crop plants and use of plants as a new resource for producing desirable products to meet the growing needs of mankind. | Signal Transducing Proteins in Plants: an Overview.- I. Introduction.- II. Signal Transduction Paradigm.- III. Conserved Signaling Proteins in Plants.- IV. Novel Plant Signaling Mechanisms.- V. Conclusions and Future Challenges.- VI. References.- G-Protein Regulation of Plant K+ Channels.- I. Introduction.- II. G-Protein Regulation of Animal Ion Channels: Background and Methodology.- III. G-Protein Regulation of Plant Ion Channels.- IV. Future Prospects.- V. References.- Metabolite Sensing and Regulatory Points of Carbon and Nitrogen Metabolic Pathways and Partitioning in Plants.- I. Introduction.- II. Global Regulatory Systems of Metabolic Pathways in Prokaryotes and Lower Eukaryotes.- III. Regulation of Carbon and Nitrogen Metabolism in Higher Plants.- IV. Future Prospects: Challenges for Metabolic Engineering of Crop Plants.- V. References.- Regulation of C/N Interactions in Higher Plants by Protein Phosphorylation.- I. Introduction.- II. Regulation of Key Cytosolic Enzymes by Reversible Phosphorylation.- III. Control of C/N Interactions.- IV. Conclusions.- V. References.- Phosphorylation and the Cytoskeleton.- I....

- Read Signal Transduction in Plant Growth and Development Online
 - Download PDF Signal Transduction in Plant Growth and Development

Related PDFs



The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

B&H Kids. Hardcover. Book Condition: New. Cory Jones (illustrator). Hardcover. 32 pages. Dimensions: 9.1in. x 7.2in. x 0.3in.Oh sure, well all heard the story of Jonah and the Whale a hundred times. But have we...

Download ePub »



The Red Leather Diary: Reclaiming a Life Through the Pages of a Lost Journal (P.S.)

Harper Perennial. PAPERBACK. Book Condition: New. 0061256781 Never Read-12+ year old Paperback book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-...

Download ePub »



Leila: Further in the Life and Destinies of Darcy Dancer, Gentleman (Donleavy, J. P.)

Atlantic Monthly Press. PAPERBACK. Book Condition: New. 0871132885 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-I ship...

Download ePub »



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download...

Download ePub »



Flights of Angels: Stories

Little, Brown and Company. Hardcover. Book Condition: New. 0316314862 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers...

Download ePub »



Tax Practice (2nd edition five-year higher vocational education and the accounting profession teaching the book) (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 282 Publisher: Higher Education Pub. Date: 2009-01-01 version 2. This book is

Save eBook »



Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback)

Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Nick Schon (illustrator). 177 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UKs best-selling

Save eBook »



I Have Asthma

Barron's Educational Series Inc., U.S. Paperback. Book Condition: new. BRAND NEW, I Have Asthma, Jennifer Moore-Mallinos, As preschool and junior children read these illustrated stories, or have them read to them, they will be encouraged to

Save eBook »



Read Write Inc. Phonics: Pink Set 3 Non-Fiction 1 Jay s Clay Pot

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 172 x 88 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

Save eBook »



Read Write Inc. Phonics: Grey Set 7 Storybook 3 I Dare You

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 178 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

Save eBook »