Record Nr. UNINA9911018787303321 Signal cross talk in plant stress responses / / edited by Keiko Yoshioka, **Titolo** Kazuo Shinozaki Pubbl/distr/stampa Ames, Iowa, : Wiley-Blackwell, c2009 **ISBN** 1-282-27978-5 9786612279782 0-8138-0593-7 0-8138-0587-2 Edizione [1st ed.] Descrizione fisica 1 online resource (226 p.) YoshiokaKeiko Altri autori (Persone) ShinozakiKazuo Disciplina 632 Soggetti Plants - Effect of stress on Plant physiology Cellular signal transduction Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Signal Crosstalk in Plant Stress Responses; Contents; Contributors; Preface; 1 Role of Abscisic Acid in Disease Resistance; 2 Plant Mitogen-Activated Protein Kinase Cascades in Signaling Crosstalk; 3 Transcription Factors Involved in the Crosstalk between Abiotic and Biotic Stress-Signaling Networks; 4 Crosstalk in Ca2+ Signaling Pathways: 5 Crosstalk in Pathogen and Hormonal Regulation of Guard Cell Signaling; 6 Environmental Sensitivity in Pathogen Resistant Arabidopsis Mutants; 7 Reactive Oxygen Species, Nitric Oxide, and Signal Crosstalk 8 TORing with Cell Cycle, Nutrients, Stress, and GrowthIndex Signal Crosstalk in Plant Stress Responses focuses on current findings Sommario/riassunto on signal crosstalk between abiotic and biotic stresses, including information on drought, cold, and salt stress and pathogen infection. Divided into seven chapters on critical topics in the field, the book is written by an international team of expert authors. The book is aimed at plant scientists, agronomists, and horticulturalists, as well as students.