

1. Record Nr.	UNICAMPANIASUN0132869
Autore	Pujala, Ravi Kumar
Titolo	Dispersion Stability, Microstructure and Phase Transition of Anisotropic Nanodiscs : Doctoral Thesis accepted by Jawaharlal Nehru University, New Delhi, India / Ravi Kumar Pujala
Pubbl/distr/stampa	xvi, 154 p., : ill. ; 24 cm
Edizione	[Cham : Springer, 2014]
Descrizione fisica	Pubblicazione in formato elettronico
Soggetti	82-XX - Statistical mechanics, structure of matter [MSC 2020] 74-XX - Mechanics of deformable solids [MSC 2020] 82B26 - Phase transitions (general) in equilibrium statistical mechanics [MSC 2020] 74E10 - Anisotropy in solid mechanics [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910811752703321
Titolo	Pediatrics // Kathryn E. Cramer, Susan A. Scherl, editors ; Robert Hurley, acquisition editor ; Grace R. Caputo, developmental editor ; Rakesh Rampertab, production editor ; Karen Quigley, cover designer
Pubbl/distr/stampa	Philadelphia, Pennsylvania : , : Lippincott Williams & Wilkins, , 2004 ©2004
ISBN	1-4698-7816-X
Edizione	[First edition.]
Descrizione fisica	1 online resource (406 p.)
Collana	Orthopaedic Surgery Essentials Series
Disciplina	618.92/7
Soggetti	Pediatric orthopedics Orthopedics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	This is the first volume of our Orthopaedic Surgery Essentials Series, designed for orthopaedic surgery residents' rotations and for general orthopaedists and primary care practitioners. The book presents the essential information needed to evaluate and initiate treatment on a child's orthopaedic problem. It can be easily read cover to cover during a one- or two-month rotation or used for quick reference immediately before evaluating a patient. The user-friendly format features ample visual aids, including treatment algorithms, bulleted lists, charts, tables, and illustrations. The table of

3. Record Nr.	UNINA9910337952503321
Titolo	Genetic Enhancement of Crops for Tolerance to Abiotic Stress: Mechanisms and Approaches, Vol. I // edited by Vijay Rani Rajpal, Deepmala Sehgal, Avinash Kumar, S.N. Raina
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-91956-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (279 pages)
Collana	Sustainable Development and Biodiversity, , 2352-474X ; ; 20
Disciplina	631.5233
Soggetti	Plant genetics Plant breeding Agriculture Biotechnology Evolutionary biology Plant Genetics and Genomics Plant Breeding/Biotechnology Evolutionary Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Acknowledgements -- 1. Functional Genomics Approach Towards Dissecting out Abiotic Stress Tolerance Trait in Plants; Sneha L. Singla-Pareek -- 2. Plant miRNAome: Cross Talk in Abiotic Stressful Times; P. Suprasanna -- 3. Epigenetic Response of Plants to Abiotic Stress: Nature, Consequences and Applications in Breeding; Manoj. K. Dhar -- 4. Effect of Drought Stress and Utility of Transcriptomics in Identification of Drought Tolerance Mechanisms in Maize; T. Nepolean -- 5. Physiological and Molecular Basis of Abiotic Stress Tolerance in Wheat; H.M. Mamrutha -- 6. Molecular Chaperones: Key Players of Abiotic Stress Response in Plants; A. Pareek -- 7. Role of Chromatin Assembly and Remodeling in Water Stress Responses in Plants; N. Ashraf -- 8. The 'Omics' Approach for Crop Improvement Against Drought Stress; D. Jain -- 9. Genomic Strategies for Improving Abiotic Stress Tolerance in Crop Plants; N.R. Yadav -- 10. Genomics of Arsenic

Stress Tolerance in Plants; P.K. Trivedi -- 11. Phytohormones Regulating the Master Regulators of CBF Dependent Cold Stress Signaling Pathway; R. Deswal -- Index.

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Sommario/riassunto

Genetic Enhancement of Crops for Tolerance to Abiotic Stress: Mechanisms and Approaches, Volume I provides a consolidated update of the approaches taken to deepen our understanding of plants' morphological, physiological and molecular responses to various abiotic stresses and progresses made in unraveling and understanding the regulatory mechanisms, signaling pathways and cross talk among mechanisms operating under abiotic stress situations in various crops. The book includes articles on the diverse tools and technological approaches the use of which has improved our understanding of the intricate mechanisms operating in crop plants under abiotic stress conditions. The chapters describe the use of various 'omics' platforms such as transcriptomics, metabolomics, proteomics, microRNA and heat shock proteins as molecular players, phytohormone (s) regulation of stress signalling pathways, and various functional genomics approaches adopted by scientists to collate a wealth of information to understand abiotic stress tolerance mechanisms for crop improvement. In addition, chapters have been contributed on the burning topic of the role of chromatin remodeling under stress conditions and on the epigenetic dynamics via histones modifications that can improve stress tolerance in crops by enhancing the stress memory. We are very hopeful that the topics will be useful to a broad community of scientists working in similar areas and the outcomes discussed can provide useful leads to build strategies to generate abiotic stress tolerant varieties. .

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