

1. Record Nr.	UNINA9910131061403321
Autore	Comte Auguste <1798-1857, >
Titolo	Plan des travaux scientifiques necessaires pour reorganiser la societe / / Auguste Comte
Pubbl/distr/stampa	Chicoutimi : , : J.-M. Tremblay, , 2007
ISBN	1-4123-5519-2
Descrizione fisica	1 online resource
Collana	Classiques des sciences sociales
Disciplina	320.01
Soggetti	Political science - Philosophy Science - Societies, etc
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Presentation par A. Kremer-Marietti: Auguste Comte et la science politique -- 1. Situation -- 2. Exposition -- 3. Structuration -- 4. La science politique -- 5. La theorie positive de la souverainete -- 6. Dilemme epistemologique -- 7. Solution de la contradiction methodologique -- Bibliographie sommaire -- Chronologie -- Plan des travaux scientifiques necessaires pour reorganiser la societe -- 1. Introduction -- 2. Expose general -- 3. Premiere serie de travaux.

2. 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 Evolution (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; Sneh 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. Asharaf -- 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

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. .
