1.	Record Nr.	UNINA9910688353003321
	Titolo	Advances in Plant Defense Mechanisms / / edited by Josphert Ngui Kimatu
	Pubbl/distr/stampa	London : , : IntechOpen, , 2022 ©2022
	Descrizione fisica	1 online resource (370 pages)
	Disciplina	571.9453
	Soggetti	Plant defenses
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	1. Impact of Abiotic Stress on Phytoplankton and Zooplankton with Special Reference to Food Web By Golden Gokhale and Guru Dutt Sharma -- 2. Effects of High Temperature on Crops By Theivasigamani Parthasarathi, Saiyyeda Firdous, Einstein Mariya David, Kuppan Lesharadevi and Maduraimuthu Djanaguiraman -- 3. Drought Stress in Millets and Its Response Mechanism By Anjali Tiwari, Kapil Kesarwani, Arushi Sharma, Tapan Ghosh, Nisha Bisht and Shailja Punetha -- 4. Abiotic Stresses and Their Management in Vegetable Crop Production By Khursheed Hussain, Sameena Lone, Faheema Mushtaq, Ajaz Malik, Sumati Narayan, Majid Rashid and Gazala Nazir -- 5. Copper Toxicity in Plants: Nutritional, Physiological, and Biochemical Aspects By Flavio Jose Rodrigues Cruz, Raphael Leone da Cruz Ferreira, Susana Silva Conceicao, Edson Ugulino Lima, Candido Ferreira de Oliveira Neto, Jessivaldo Rodrigues Galvao, Sebastiao da Cunha Lopes and Ismael de Jesus Matos Viegas -- 6. Metal Nanoparticles and Abiotic Stress Tolerance By Maryam Dahajipour Heidarabadi -- 7. Heat Shock Proteins (HSP70) Gene: Plant Transcriptomic Oven in the Hot Desert By Fatima Batool, Batcho Anicet Agossa, Zainab Y. Sandhu, Muhammad Bilal Sarwar, Sameera Hassan and Bushra Rashid -- 8. Abiotic Stress in Plants By Shubham Dey and Ayan Raichaudhuri -- 9. Heterologous Expression of Genes in Plants for Abiotic Stresses By Shahzad Ali, Nadir Zaman, Waqar Ali, Majid Khan, Muhammad Aasim, Asmat Ali and Muhammad Usman -- 10. Reactive Oxygen Species, Oxidative Damage

and Their Production, Detection in Common Bean (Phaseolus vulgaris L.) under Water Stress Conditions By Asmat Ara, Mahroofa Jan, Parvaze A. Sofi, Munezeh Rashid, Ajaz Ahmad Lone, Zahoor Ahmad Dar, Mohd. Ashraf Rather and Musharib Gull -- 11. Physiological Mechanisms of Tolerance to Drought and Heat in Major Pulses for Improving Yield under Stress Environments By Partha S. Basu, Sushil Kumar Chaturvedi, Pooran Mall Gaur, Biswajit Mondal, Surendra Kumar Meena, Krishnashis Das, Vaibhav Kumar, Kalpana Tewari and Kusum Sharma -- 12. Role of Microorganisms in Alleviating the Abiotic Stress Conditions Affecting Plant Growth By Talaat El Sebai and Maha Abdallah -- 13. Techniques against Distinct Abiotic Stress of Rice By Ananya Prova and Md. Saeed Sultan -- 14. Interactive Effects of Salinity, Drought, and Heat Stresses on Physiological Process and Selection Criteria for Breeding Stress-Resistant Cotton By Volkan Mehmet Cinar, Serife Balci and Aydn Unay -- 15. Influence of Soil Moisture Stress on Vegetative Growth and Root Yield of Some Cassava Genotypes for Better Selection Strategy in Screen House Conditions and Different Agro-Ecologies in Nigeria By Najimu Adetoro and Sikirou Mouritala -- 16. Tolerance of Plant Cell Wall to Environment By Olena Nedukha -- 17. Climate Change and Abiotic Stresses in Plants By Ananya Baidya, Mohammed Anwar Ali and Kousik Atta.

Sommario/riassunto

Increasing human migrations, technological advances, agricultural activities, and climate change are forcing plants to adapt to new environments. This book highlights current morphological, anatomical, physiological, molecular, and genomic advances in plant defense mechanisms. These advances, including epigenetic mechanisms, have been linked to observed phenotypic plant plasticity. The book also outlines next-generation food systems, considering the resilience and sustainability of plant genomes and epigenomes.

2. Record Nr. UNINA9910830805203321

Titolo	Advances in ceramic armor V [[electronic resource]] : a collection of papers presented at the 33rd International Conference on Advanced Ceramics and Composites, January 18-23, 2009, Daytona Beach, Florida / / edited by Jeffrey J. Swab; volume editors, Dileep Singh, Jonathan Salem
Pubbl/distr/stampa	Hoboken, NJ, : Wiley, 2010
ISBN	1-282-46145-1 9786612461453 0-470-58433-5 0-470-58432-7
Descrizione fisica	1 online resource (248 p.)
Collana	Ceramic engineering and science proceedings ; ; 30/5
Classificazione	ZM 6100
Altri autori (Persone)	SwabJeffrey J SinghDilip SalemJ. A <1960-> (Jonathan A.)
Disciplina	620.14 623.7/4
Soggetti	Ceramic materials Armor - Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Advances in Ceramic Armor V; Contents; Preface; Introduction; IMPACT, PENETRATION AND MATERIAL MODELING; Fragmentation of Ceramics in the Ballistic Environment; Flow Behavior of Glass at the Tip of a Penetrator; Rheology of Powder and Porous Media in Modeling of Penetration into Porous Ceramic; Computer Modeling of Shock Wave Propagation in SiC-Sample; Ballistic Impact Damage Observations in a Hot-Pressed Boron Carbide; Characterization of Microstructural Damage in Silicon Carbide Processed via Modified Chemical Vapor Deposition; MATERIAL CONCEPTS, PROCESSES AND CHARACTERIZATION Effects of Grain Size, Shape and Second Phases on Properties of Sintered SicIndenter Elastic Modulus and Hertzian Ring Crack Initiation; High Frequency Ultrasound of Alumina for High Strain-Rate Applications; The Effect of Particle Size, Particle Loading and Thermal

Processing Conditions on the Properties of Alumina Reinforced Aluminum Metal Matrix Composites; Pressureless Sintering of B4C-Sic Composites for Armor Applications; APPLICATIONS OF NDE; A Portable Microwave Interference Scanning System for Nondestructive Testing of Multi-Layered Dielectric Materials
Destructive Testing and Nondestructive Evaluation of Alumina Structural CeramicsNondestructive Evaluation of as Fabricated and Damaged Encapsulated Ceramics; Microstructural Study of Sintered SiC via High Frequency Ultrasound Spectroscopy; Impact Damage Analysis in a Level III Flexible Body Armor Vest Using XCT Diagnostics; TRANSPARENT ARMOR; Impact onto Glass and Glass Ceramic Bars; Numerical Study of the Effect of Surface Stresses of Transparent Ceramics of Laminated Targets for Military Armor Applications
Analyses of Various Damage Mechanisms in Transparent Armor Subject to Projectile ImpactPressureless Reaction Sintering of AlON Using Aluminum Orthophosphate as a Transient Liquid Phase; ALON® Transparent Armor; Author Index

Sommario/riassunto

The Armor Ceramics Symposium provides an annual forum for the presentation and discussion of unclassified information and ideas pertaining to the development and incorporation of ceramic materials for armor applications. This collection of articles from the seventh edition of this symposium focused on Impact, Penetration and Material Modeling, Material Concepts, Processes and Characterization, the Application of NDE, and Transparent Armor.

3. Record Nr. UNINA9910893970003321

Titolo	Stadtkölnisch-gemeinnützige Intelligenz-Nachrichten : Staats-, Kriegs- , Handlungs- und andere Begebenheiten
Pubbl/distr/stampa	Koln, : Langen, 1795-1796
Descrizione fisica	Online-Ressource
Disciplina	070 380 300 330 630 640
Soggetti	Zeitschrift
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Jede zweite Nr. als Beil. bez. Gesehen am 03.02.2015