

1. Record Nr.	UNINA9910451398303321
Titolo	Making sense of the Vietnam wars [[electronic resource]] : local, national, and transnational perspectives / / edited by Mark Philip Bradley and Marilyn B. Young
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2008
ISBN	1-281-34206-8 9786611342067 0-19-804302-3
Descrizione fisica	1 online resource (331 p.)
Collana	Reinterpreting history
Altri autori (Persone)	BradleyMark <1961-> YoungMarilyn Blatt
Disciplina	959.704/1
Soggetti	Indochinese War, 1946-1954 Vietnam War, 1961-1975 Electronic books. Vietnam History 1945-1975
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 and index.
Nota di contenuto	Contents; Editors and Contributors; Introduction: Making Sense of the Vietnam Wars; PART I: American Intervention and the Cold War Consensus; PART II: The Coming of War in Vietnam; PART III: War's End and Endless Wars; Index
Sommario/riassunto	Making sense of the wars for Vietnam has had a long history. The question ""why Vietnam?"" dominated American and Vietnamese political life for much of the length of the wars and has continued to be asked in the decades since they ended. This volume brings together the work of eleven scholars to examine the conceptual and methodological shifts that have marked the contested terrain of Vietnam War scholarship. Editors Marilyn Young and Mark Bradley's superb group of renowned contributors spans the generations--including those who were active during wartime, along with scholars conducting resear

2. Record Nr.	UNINA9910798949803321
Autore	Atkinson Niall <1967->
Titolo	The noisy Renaissance : sound, architecture, and Florentine urban life / / Niall Atkinson
Pubbl/distr/stampa	University Park, Pennsylvania : , : The Penn State University Press, , [2016] ©2016
ISBN	0-271-07781-6 0-271-07783-2
Descrizione fisica	1 online resource (xv, 260 pages)
Disciplina	720.924
Soggetti	Architecture, Renaissance - Italy - Florence Renaissance - Italy - Florence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (pages 244-254) and index.
Nota di contenuto	COVER Front -- Copyright Page -- Table of Contents -- List of Illustrations -- Acknowledgments -- Introduction: Journey into the Noisy Renaissance -- Notes to Introduction -- Chapter 1: The Acoustic Art of City- Building -- Notes to Chapter 1 -- Chapter 2: Florentine Soundscapes -- Notes to Chapter 2 -- Chapter 3: Sound, Space, and Meaning in Renaissance Florence -- Notes to Chapter 3 -- Chapter 4: Suoni, Voci, Rumori: Listening to the City -- Notes to Chapter 4 -- Chapter 5: Sonic Discord, Urban Disorder -- Notes to Chapter 5 -- Epilogue: Ephemerality, Durability, and Architectural History -- Notes to Epilogue -- Notes -- Bibliography -- Index -- COVER Back.
Sommario/riassunto	"Analyzes how the premodern city, through the example of Renaissance Florence, can be understood as an acoustic phenomenon. Explores how city sounds, such as the ringing of church bells, can be foundational elements in the creation and maintenance of urban communities and the spaces they inhabit"--Provided by publisher.

3. Record Nr.	UNINA9910830635903321
Autore	Hossain Mohammad Anwar
Titolo	Heavy Metal Toxicity and Tolerance in Plants : A Biological, Omics, and Genetic Engineering Approach
Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2023 ©2023
ISBN	1-119-90650-4 1-119-90647-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (643 pages)
Altri autori (Persone)	HossainA. K. M. Zakir BourgerieSylvain FujitaMasayuki DhankherOm Parkash HarisParvez
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- List of Contributors -- Preface -- Editor Biographies -- Chapter 1 Plant Response and Tolerance to Heavy Metal Toxicity: An Overview of Chemical Biology, Omics Studies, and Genetic Engineering -- 1.1 Introduction -- 1.2 Plant-Metal Interaction -- 1.3 Effect of Heavy Metals on Plants -- 1.3.1 Morphoanatomical Responses -- 1.3.2 Physiological Responses -- 1.3.3 Biochemical Responses -- 1.3.4 Molecular Responses -- 1.4 Mechanisms to Tolerate Heavy Metal Toxicity -- 1.4.1 Avoidance -- 1.4.2 Sequestration -- 1.5 Important Strategies for the Enhancement of Metal Tolerance -- 1.5.1 Omics -- 1.5.2 Genetic Engineering -- 1.6 Conclusion and Future Prospects -- References -- Chapter 2 Advanced Techniques in Omics Research in Relation to Heavy Metal/Metalloid Toxicity and Tolerance in Plants -- 2.1 Introduction -- 2.2 An Overview of Plant Responses to Heavy Metal Toxicity -- 2.3 How the Integration of Multi-omics Data Sets Helps in Studying the Heavy Metal Stress Responses and Tolerance Mechanisms? -- 2.3.1 The Contribution of State-of-the-Art Genomics-

Assisted Breeding -- 2.3.2 Transcriptomics -- 2.3.3 Proteomics -- 2.3.4 Metabolomics -- 2.3.5 miRNAomics -- 2.3.6 Phenomics -- 2.4 Conclusion and Perspectives -- References -- Chapter 3 Heavy Metals/Metalloids in Food Crops and Their Implications for Human Health -- 3.1 Introduction -- 3.2 Arsenic -- 3.2.1 Sources and Forms -- 3.2.2 Food Chain Contamination -- 3.2.3 Pharmacokinetic Processes -- 3.2.4 Toxicology Processes -- 3.2.5 Remedial Options -- 3.3 Cadmium -- 3.3.1 Sources and Forms -- 3.3.2 Food Chain Contamination -- 3.3.3 Pharmacokinetic Processes -- 3.3.4 Toxicology Processes -- 3.3.5 Remedial Options -- 3.4 Lead -- 3.4.1 Sources and Forms -- 3.4.2 Food Chain Contamination -- 3.4.3 Pharmacokinetic Processes -- 3.4.4 Toxicology Processes -- 3.4.5 Remedial Options -- 3.5 Chromium -- 3.5.1 Sources and Forms -- 3.5.2 Food Chain Contamination -- 3.5.3 Pharmacokinetic Processes -- 3.5.4 Toxicology Processes -- 3.5.5 Remedial Options -- 3.6 Mercury -- 3.6.1 Sources and Forms -- 3.6.2 Food Chain Contamination -- 3.6.3 Pharmacokinetic Processes -- 3.6.4 Toxicology Processes -- 3.6.5 Remedial Options -- 3.7 Conclusions -- References -- Chapter 4 Aluminum Stress Tolerance in Plants: Insights from Omics Approaches -- 4.1 Introduction -- 4.2 Exploration of Al Tolerance QTLs -- 4.3 Unraveling the Genetic Architecture of Al Tolerance from Natural Variation -- 4.4 Identification of Novel Al Tolerance Genes Through Genome-Wide Association Studies -- 4.5 Exploring Expression Level Polymorphisms to Identify Upstream Al Signaling -- 4.6 Comparative Transcriptome Analyses Identify Novel Al Tolerance Genes -- 4.7 Identification of Al Tolerance Genes from Proteomics -- 4.8 Conclusion and Future Perspectives -- References -- Chapter 5 Breeding Approaches for Aluminum Toxicity Tolerance in Rice and Wheat -- 5.1 Introduction -- 5.2 Plant Signaling -- 5.3 Rice Genetic Mapping -- 5.3.1 Linkage Mapping -- 5.3.2 Association Mapping -- 5.4 Root Transcriptome -- 5.5 Wheat Genetic Mapping -- 5.5.1 Wheat MATE Gene Family -- 5.6 Wheat Proteomics -- 5.7 Conclusion -- References -- Chapter 6 Chromium Toxicity and Tolerance in Plants: Insights from Omics Studies -- 6.1 Introduction -- 6.2 Chromium Sources and Bioavailability -- 6.3 Chromium Uptake, Translocation, and Sub-cellular Distribution in Plants -- 6.4 Detoxification Mechanisms for Cr -- 6.5 Omics Approaches Used by Plants to Combat Cr Toxicity -- 6.5.1 Transcriptomics -- 6.5.2 Chromium-Induced miRNAs in Plants -- 6.5.3 Metabolomics -- 6.5.4 Proteomics -- 6.6 Phytoremediation of Cr Metal by Plants -- 6.6.1 Phytoremediation Approach for Cr Detoxification -- 6.6.2 Other Strategies Involved in Cr Remediation -- 6.6.3 Phytostabilization/Phytoextraction for Cr Decontamination -- 6.7 Conclusion -- References -- Chapter 7 Manganese Toxicity and Tolerance in Photosynthetic Organisms and Breeding Strategy for Improving Manganese Tolerance in Crop Plants: Physiological and Omics Approach Perspectives -- 7.1 Introduction -- 7.2 The Change in Mn Availability Within the Soil -- 7.3 Why Should We Consider the Occurrence of Mn Toxicity in Plants? Possible Threats of Mn Toxicity in Agricultural Land -- 7.4 The History of Mn Toxicity -- 7.5 The Features of Mn Toxicity in Terrestrial Plants and Possible Molecular Mechanisms -- 7.5.1 The Mechanisms of Emergence of Brownish Patchy Spots in Leaves: The Apoplastic Mn Toxicity -- 7.5.2 The Mechanisms of Foliar Chlorosis Under Excess Mn: Symplastic Mn Toxicity -- 7.6 Breeding Strategy for Overcoming the Future Threat of Excess Mn Conditions -- 7.6.1 Limiting Mn Absorption from Soil to Root -- 7.6.2 Sequestration of Mn from Cytosol to the Vacuole or Apoplast -- 7.6.3 Maintenance of Auxin Homeostasis -- 7.6.4 The

Reinforcement of Silicon Uptake and Its Distribution -- 7.7 Conclusion and Future Prospects -- Acknowledgments -- References -- Chapter 8 Iron Excess Toxicity and Tolerance in Crop Plants: Insights from Omics Studies -- 8.1 Iron Uptake and Translocation Mechanism in Plants -- 8.1.1 Importance of Iron in Living Organisms -- 8.1.2 Fe Acquisition Systems in Plants -- 8.1.3 Fe Translocation Mechanisms in Plants -- 8.2 Fe Excess Toxicity in Plants -- 8.2.1 Fe Excess Toxicity in Global Agriculture -- 8.2.2 Causes of Fe Excess Toxicity in Soils and Its Interaction with Plants -- 8.2.3 Effects of Fe Excess Toxicity on Plant Growth -- 8.3 Crop Defense Mechanisms Against Excess Fe and Genes Regulating Fe Excess -- 8.3.1 Defense I: Fe Exclusion from Roots. 8.3.2 Defense II: Fe Retention in Roots and Suppression of Fe Translocation to Shoots -- 8.3.3 Defense III: Fe Compartmentalization in Shoots -- 8.3.4 Defense IV: ROS Detoxification -- 8.4 Research Outlook on Fe Excess Response of Plants -- 8.4.1 Regulation of Fe homeostasis in Plants in Response to Fe Excess Stress -- 8.4.2 Transcription Factors -- 8.4.3 Cis-Regulatory Elements -- 8.5 Conclusion and Future Prospects -- Acknowledgments -- Author Contributions -- Disclosures -- References -- Chapter 9 Molecular Breeding for Iron Toxicity Tolerance in Rice (*Oryza sativa* L.) -- 9.1 Introduction -- 9.2 Role of Iron in Plants and Rice -- 9.3 Iron Toxicity and Its Effects on Rice -- 9.4 Iron Toxicity Tolerance Mechanisms in Rice Plants -- 9.4.1 Fe Exclusion from Roots -- 9.4.2 Fe Retention in Roots and Suppression of Fe Translocation to Shoots -- 9.4.3 Fe Compartmentalization in Shoots -- 9.4.4 ROS Detoxification -- 9.4.5 Candidate Genes Involved in the Mechanisms of Fe Toxicity -- 9.4.6 Genetic Variants for Iron Toxicity Tolerance in Rice Germplasm -- 9.5 Molecular Breeding for Fe Toxicity Tolerance in Rice -- 9.6 Conclusion -- References -- Chapter 10 Cobalt Induced Toxicity and Tolerance in Plants: Insights from Omics Approaches -- 10.1 Introduction -- 10.2 Plant Response to Cobalt Stress -- 10.2.1 Uptake and Translocation of Cobalt in Plants -- 10.3 Cobalt-Induced ROS Generation and Their Damaging Effects -- 10.3.1 ROS-Induced Lipid Peroxidation -- 10.3.2 ROS-Induced Damage to Genetic Material -- 10.4 Cobalt-Induced Plant Antioxidant Defense System -- 10.4.1 Enzymatic Antioxidants -- 10.4.2 Nonenzymatic Antioxidants -- 10.5 Omics Approaches in Cobalt Stress Tolerance -- 10.5.1 Transcriptomic -- 10.5.2 Metabolomics -- 10.5.3 Proteomics -- 10.6 Conclusion and Future Prospects -- Acknowledgments -- References.

Chapter 11 Nickel Toxicity and Tolerance in Plants -- 11.1 Introduction -- 11.2 Sources of Ni -- 11.2.1 Natural Sources of Ni -- 11.2.2 Anthropogenic Sources of Ni -- 11.3 Role of Ni in Plants -- 11.4 Ni Uptake and Accumulation in Plants -- 11.5 Ni Toxicity in Plants -- 11.5.1 Growth Inhibition -- 11.5.2 Photosynthesis Inhibition of Ni -- 11.5.3 Induction of Oxidative Stress -- 11.6 Tolerance Mechanisms -- 11.7 Omics Approaches in Ni Stress Tolerance -- 11.7.1 Transcriptomics -- 11.7.2 Proteomics -- 11.7.3 Metabolomics -- 11.8 Conclusion -- References -- Chapter 12 Copper Toxicity and Tolerance in Plants: Insights from Omics Studies -- 12.1 Introduction -- 12.2 Copper in Plants -- 12.2.1 Functions of Copper -- 12.2.2 Uptake, Transport, Distribution, and Remobilization Mechanisms -- 12.2.3 Deficient, Sufficient, and Toxic Levels of Copper in Plants -- 12.2.4 Copper Sources: Fertilizers and Fungicides -- 12.3 Omics Approaches for Cu Responses and Tolerance in Plants -- 12.3.1 Genomics -- 12.3.2 Transcriptomics -- 12.3.3 Proteomics -- 12.3.4 Metabolomics -- 12.3.5 miRNAomics -- 12.4 Concluding Remarks -- Acknowledgments -- References -- Chapter 13 Zinc Toxicity and Tolerance in Plants: Insights from Omics Studies -- 13.1 Introduction

-- 13.1.1 Zinc Uptake and Translocation Mechanisms in Plants --
 13.1.2 Transporters and Metal-Binding Compounds Involved in Zinc Homeostasis -- 13.2 Impact of Excess Zinc on Physio-genetics Aspects of Plants -- 13.2.1 Effect of Zinc Toxicity on Seed Germination and Growth of Plants -- 13.2.2 Effect of Zinc Toxicity on Oxidative Metabolism in Plants -- 13.2.3 Effect of Zn Toxicity on Physiology and Biochemistry of Plants -- 13.3 Plants Stress Adaptation to Zinc Toxicity -- 13.4 Multi-omics Approaches for Zinc Toxicity and Tolerance in Plants -- 13.4.1 Genomics and Metabolomics -- 13.4.2 Proteomics and Transcriptomics.
 13.4.3 miRNA Omics and CRISPR/Cas9 System.

4. Record Nr.	UNICAMPANIAVAN00084433
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Disciplina	551 526
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia