

1. Record Nr.	UNINA9910677262003321
Titolo	MALDI MS : a practical guide to instrumentation, methods and applications / / edited by Franz Hillenkamp and Jasna Peter-Katalinic
Pubbl/distr/stampa	Weinheim : , : Wiley Blackwell, , [2014] ©2014
ISBN	3-527-67374-1 3-527-33596-X 3-527-67373-3
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (477 p.)
Altri autori (Persone)	HillenkampF Peter-KatalinicJasna
Disciplina	547.70154365
Soggetti	Matrix-assisted laser desorption-ionization
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	Cover; Related Titles; Title page; Copyright page; Contents; Preface to the Second Edition; List of Contributors; 1: The MALDI Process and Method; 1.1 Introduction; 1.2 Analyte Incorporation; 1.3 Absorption of the Laser Radiation; 1.4 The Ablation/Desorption Process; 1.5 Ionization; 1.6 Fragmentation of MALDI Ions; 1.7 MALDI of Noncovalent Complexes; 1.8 The Optimal Choice of Matrix: Sample Preparation; 1.8.1 Surface Preparation; 1.8.2 Anchor Sample Plates; 1.8.3 Matrix Additives and Influence of the Sample Plate Surface; Abbreviations; References; 2: MALDI Mass Spectrometry Instrumentation 2.1 Introduction 2.2 Lasers for MALDI-MS; 2.3 Fragmentation of MALDI Ions; 2.3.1 MALDI at Elevated Pressure; 2.3.2 Tandem Mass Spectrometry of MALDI Ions; 2.4 Mass Analyzers; 2.4.1 Axial TOF Mass Spectrometers; 2.4.2 Reflectron TOF Mass Spectrometers; 2.4.3 Tandem TOF Mass Spectrometers; 2.4.4 Orthogonal TOF Mass Analyzers; 2.4.5 Tandem Mass Spectrometry in oTOF Mass Analyzers; 2.4.6 Ion Detectors and Data Processing in MALDI-TOF Analyzers; 2.5 Fourier Transform Ion Cyclotron Resonance Mass Spectrometers; 2.5.1 Tandem Mass Spectrometry on FTICR Mass Spectrometers 2.6 Quadrupole Ion Trap Mass Spectrometers 2.6.1 RF-Only Ion Guides

and LIT Mass Spectrometers; 2.6.2 Tandem Mass Spectrometry on QIT Mass Spectrometers; 2.7 Hybrid Mass Spectrometers; 2.7.1 Quadrupole TOF Mass Spectrometers; 2.7.2 Quadrupole FT Mass Spectrometers; 2.7.3 QIT-TOF Mass Spectrometers; 2.7.4 Ion Mobility oTOF Mass Spectrometers; 2.7.5 Orbitrap; 2.8 Future Directions; Definitions and Acronyms; References; 3: MALDI-MS in Protein Chemistry and Proteomics; 3.1 Introduction; 3.2 Sample Preparation for Protein and Peptide Analysis by MALDI-MS; 3.3 Strategies for Using MALDI-MS in Protein Biochemistry; 3.3.1 Peptide Mass Mapping of Purified Proteins; 3.3.2 Peptide Sequencing by MALDI-MS/MS; 3.3.3 Analysis of Post-Translational Modifications; 3.4 Applications of MALDI-MS in Proteomics; 3.4.1 Protein Identification by MALDI-MS Peptide Mass Mapping; 3.4.2 Quantitation of Proteins by MALDI-MS; 3.5 Computational Tools for Protein Analysis by MALDI-MS; 3.6 Clinical Applications of MALDI-MS; 3.7 Conclusions; Acknowledgments; References; 4: MALDI-Mass Spectrometry Imaging; 4.1 Introduction; 4.2 History of Mass Spectrometry Imaging (MSI) and Microprobing Techniques; 4.3 MALDI in Micro Dimensions: Instruments and Mechanistic Differences; 4.4 Visualization of Mass Spectrometric Information; 4.5 Data Processing and Data Exchange; 4.6 Matrix Deposition for High-Resolution Imaging; 4.7 Organisms, Organs, and Tissues: MALDI Imaging at Various Lateral Resolutions; 4.7.1 Phospholipid Analysis; 4.7.2 Peptide Analysis; 4.7.3 Drug Monitoring; 4.8 Whole-Cell and Single-Cell Analysis; 4.8.1 Cellular Analysis; 4.8.2 Individually Isolated Cells; 4.8.3 Direct Cellular and Subcellular Imaging; 4.9 Cell Sorting and Capturing

Sommario/riassunto

This authoritative book on MALDI MS, now finally available in its second edition and edited by one of its inventors, gives an in-depth description of the many different applications, along with a detailed discussion of the technology itself. Thoroughly updated and expanded, with contributions from key players in the field, this unique book provides a comprehensive overview of MALDI MS along with its possibilities and limitations. The initial chapters deal with the technology and the instrumental setup, followed by chapters on the use of MALDI MS in protein research (including proteomi

2. Record Nr.	UNINA9910786538403321
Autore	Muhlfried Florian
Titolo	Being a state and states of being in highland Georgia / / Florian Muhlfried
Pubbl/distr/stampa	New York ; ; Oxford, England : , : Berghahn, , 2014 ©2014
ISBN	1-78238-297-6
Descrizione fisica	1 online resource (262 p.)
Collana	EASA Series ; ; Volume 24
Disciplina	320.94758
Soggetti	Central-local government relations - Georgia (Republic) Citizenship - Georgia (Republic) - Tuseti Government, Resistance to - Georgia (Republic) - Tuseti Post-communism - Georgia (Republic) - Tuseti Georgia (Republic) Politics and government 1991-
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	Title page; Copyright; Dedication; Contents; Illustrations; Maps; Tables; Acknowledgements; Note on Transcription; Introduction; 1 A Mobile Field; 2 Hidden Treasures in the Mountains and a State that Comes and Goes; 3 Reborn Citizens in a Post-Soviet Landscape; 4 Three Ways to Be a State; 5 Triple Winning and Simple Losing; Conclusion; Appendix; Bibliography; Index
Sommario/riassunto	The highland region of the republic of Georgia, one of the former Soviet Socialist Republics, has long been legendary for its beauty. It is often assumed that the state has only made partial inroads into this region, and is mostly perceived as alien. Taking a fresh look at the Georgian highlands allows the author to consider perennial questions of citizenship, belonging, and mobility in a context that has otherwise been known only for its folkloric dimensions. Scrutinizing forms of identification with the state at its margins, as well as local encounters with the erratic Soviet and post-Sov

3. Record Nr.	UNINA9910959456603321
Titolo	East Asian labor markets and the economic crisis : impacts, responses & lessons / / edited by Gordon Betcherman, Rizwanul Islam
Pubbl/distr/stampa	Washington, DC, : World Bank Geneva, : International Labour Office, 2001
ISBN	1-280-08815-X 9786610088157 0-585-45484-1
Edizione	[1st ed.]
Descrizione fisica	xiii, 492 pages : illustrations ; ; 24 cm
Altri autori (Persone)	BetchermanGordon IslamRizwanul
Disciplina	331.12/095
Soggetti	Labor market - East Asia Labor market - Southeast Asia East Asia Economic conditions Southeast Asia Economic conditions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Intro -- Contents -- Foreword -- Acknowledgments -- Labor Market Experiences in the Crisis Countries -- East Asian Labor Markets and the Economic Crisis: An Overview -- Chairman's Summary -- The Economic Crisis: Labor Market Challenges and Policies in Indonesia -- Korea: Labor Market Outcomes and Policy Responses after the Crisis -- Malaysia: Protecting Workers and Fostering Growth -- Labor Market Issues and Policies in the Region -- Active Labor Market Policies: Issues for East Asia -- Vulnerable Groups and the Labor Market: The Aftermath of the Asian Financial Crisis -- Social Dialogue and Labor Market Adjustment in East Asia after the Crisis -- Japan's Experience with Employment Policy.
Sommario/riassunto	The results of the sudden financial crisis in the east and south east of Asia were falling employment and earning opportunities - painful consequences for many families. Therefore, the World Bank and the International Labour Office collaborated to explore ways in which they could support the region's governments, employers and workers in

their responses to the difficult social and economic situation.; This joint study covers the Republic of Korea, Indonesia, Malaysia, the Philippines and Thailand. It addresses labour market impacts of the crisis and the various countries' responses. Further, it identifies labour policy reforms needed for the longer term, particularly in the areas of unemployment benefits, active labour market programmes, support for vulnerable groups, and social dialogue.
