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Titolo	MALDI MS : a practical guide to instrumentation, methods and applications // edited by Franz Hillenkamp and Jasna Peter-Katalinic
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Descrizione fisica	1 online resource (477 p.)
Altri autori (Persone)	HillenkampF Peter-KatalinicJasna
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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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

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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

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2. Record Nr.	UNISA996582068803316
Autore	Bernhardt Floris
Titolo	StadtTeilen : Neue Praktiken gemeinschaftlicher Nutzung urbaner Räume // Florian Koch, Carsten Keller, Constantin Hörburger, Elisabeth Güde, Helena Cermeño, Josefine Buzwan-Morell, Nada Bretfeld, Floris Bernhardt, Sina Doukas
Pubbl/distr/stampa	Bielefeld : , : transcript Verlag, , [2024] ©2024
ISBN	9783839466339
Descrizione fisica	1 online resource (224 p.)
Collana	Urban Studies
Soggetti	SOCIAL SCIENCE / Sociology / Urban
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Inhalt -- Danksagung -- Abbildungsverzeichnis -- Tabellenverzeichnis -- Autor*innenangaben -- Einleitung -- TEIL I Öffentliche Räume und Wohnen als neue Gemeingüter (Was?) -- Kapitel 1 Kollektives Handeln und die Wiederbelebung der (städtischen) Gemeingüter: Praktiken des Teilens als eine Form des commonings -- Kapitel 2 Neue öffentliche Räume: Konzepte und Beispiele -- TEIL II Orte und Räume des Teilens (Wo?) -- Kapitel 3 Wandel und Herausforderungen innerstädtischer Nachbarschaften -- Kapitel 4 Architektur und Stadtraum als Grundlagen für Begegnung und Teilen -- Kapitel 5 Gebaute Beispiele: Architekturen des Teilens -- TEIL III Akteur*innen, Formen und Motive (Wer, Wie, Warum?) -- Kapitel 6 Nichtkommerzielles Teilen und die Bedeutung der Nachbarschaft: Eine quantitative Umfrage -- Kapitel 7 Hierarchie oder Kooperation? Initiativen des Teilens und institutionelle Akteur*innen -- TEIL IV Praktiken des Teilens (Wie?) -- Kapitel 8 Das Praxislabor: Forschen in und mit Nachbarschaften -- Kapitel 9 Expert*innenwissen und dialektisches Lernen: Dialoge über Praktiken des Teilens und urban commoning -- Kapitel 10 Wissenspraktiken in Sharing- und commoning-Initiativen -- Kapitel 11 Drei Entwurfsansätze zur Förderung des Teilens im Stadtraum -- Ausblick. Vom Teilen in der Nachbarschaft zur Transformation der Stadt -- Anhang

## Sommario/riassunto

Praktiken des Teilens stellen Möglichkeiten dar, Stadt alternativ zu gestalten, und sind zugleich komplexe Aushandlungsprozesse. Kann der Schulhof abends von der Nachbarschaft genutzt werden? Oder hat die Hausgemeinschaft Interesse an einem gemeinsamen Garten und Veranstaltungsraum? Offen ist, was solidarische und widerständige Praxen des Teilens begünstigt und welche architektonischen Interventionen die Teilbarkeit von öffentlichem Raum erleichtern. Auf der Grundlage empirischer Studien in drei deutschen Städten und einem Praxislabor werden Praktiken des Teilens, ihre Bedingungen, Potenziale und Grenzen untersucht. Die Autor\*innen liefern Denkanstöße für Politik, Verwaltung, Wissenschaft, Initiativen und Wohnungsunternehmen.

3. Record Nr.	UNINA9910154647603321
Autore	Clarke Arthur C (Arthur Charles), <1917-2008.>
Titolo	2010 : odyssey two // Arthur C. Clarke
Pubbl/distr/stampa	New York, : RosettaBooks, 2012, c1982
ISBN	0-7953-3256-4 0-7953-2481-2
Edizione	[Electronic ed.]
Descrizione fisica	1 online resource (176 p.)
Collana	Arthur C. Clarke Collection : The Odyssey ; ; v.2
Disciplina	823/.914
Soggetti	Science fiction, English Space flights
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""Cover""; ""Title Page""; ""Copyright""; ""Dedication""; ""CONTENTS""; ""FOREWORD""; ""AUTHORa€?S NOTE""; ""I. LEONOV""; ""1. MEETING AT THE FOCUS""; ""2. THE HOUSE OF THE DOLPHINS""; ""3. SAL 9000""; ""4. MISSION PROFILE""; ""5. LEONOV""; ""II. TSIEN""; ""6. AWAKENING""; ""7. TSIEN""; ""8. TRANSIT OF JUPITER""; ""9. THE ICE OF THE GRAND CANAL""; ""10. A CRY FROM EUROPA""; ""11. ICE AND VACUUM""; ""III. DISCOVERY""; ""12. DOWNHILL RUN""; ""13. THE WORLDS OF GALILEO""; ""14. DOUBLE ENCOUNTER""; ""15. ESCAPE FROM THE GIANT""; ""16. PRIVATE LINE""; ""17. BOARDING PARTY""; ""18. SALVAGE""

""19. OPERATION WINDMILL""""20. GUILLOTINE""; ""21. RESURRECTION""; ""IV. LAGRANGE""; ""22. BIG BROTHER""; ""23. RENDEZVOUS""; ""24. RECONNAISSANCE""; ""25. THE VIEW FROM LAGRANGE""; ""26. PROBATION""; ""27. INTERLUDE: TRUE CONFESSIONS""; ""28. FRUSTRATION""; ""29. EMERGENCE""; ""V. A CHILD OF THE STARS""; ""30. HOMECOMING""; ""31. DISNEYVILLE""; ""32. CRYSTAL SPRING""; ""33. BETTY""; ""34. VALEDICTION""; ""35. REHABILITATION""; ""36. FIRE IN THE DEEP""; ""37. ESTRANGEMENT""; ""38. FOAMSCAPE""; ""39. IN THE POD BAY""; ""40. a€œDAISY, DAISYa€? a€?""; ""41. GRAVEYARD SHIFT""  
""VI. DEVOURER OF WORLDS""""42. THE GHOST IN THE MACHINE""; ""43. THOUGHT EXPERIMENT""; ""44. VANISHING TRICK""; ""45. ESCAPE MANEUVER""; ""46. COUNTDOWN""; ""47. FINAL FLYBY""; ""48. OVER THE NIGHTSIDE""; ""49. DEVOURER OF WORLDS""; ""VII. LUCIFER RISING""; ""50. FAREWELL TO JUPITER""; ""51. THE GREAT GAME""; ""52. IGNITION""; ""53. A GIFT OF WORLDS""; ""54. BETWEEN SUNS""; ""55. LUCIFER RISING""; ""EPILOG: 20,001""; ""ACKNOWLEDGMENTS""; ""POSTSCRIPT""

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Sommario/riassunto

"A daring romp through the solar system and a worthy successor to 2001 ."--Carl Sagan  
Nine years after the disastrous Discovery mission to Jupiter in 2001, a joint U.S.-Soviet expedition sets out to rendezvous with the derelict spacecraft--to search the memory banks of the mutinous computer HAL 9000 for clues to what went wrong...and what became of Commander Dave Bowman. Without warning, a Chinese expedition targets the same objective, turning the recovery mission into a frenzied race for the precious information Discovery may hold about the enigmatic monolith that orbits Jupiter. Meanwhile, the being that was once Dave Bowman--the only human to unlock the mystery of the monolith--streaks toward Earth on a vital mission of its own . . .  
"Clarke deftly blends discovery, philosophy, and a newly acquired sense of play."-- Time " 2010 is easily Clarke's best book in over a decade."  
-- The San Diego Tribune

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