

1. Record Nr.	UNINA9910131368903321
Autore	Ferreri Carla
Titolo	Membrane lipidomics for personalized health / / Carla Ferreri, Chryssostomos Chatgilialoglu
Pubbl/distr/stampa	West Sussex, England : , : Wiley, , 2015 ©2015
ISBN	1-118-68275-0 1-118-68368-4 1-118-68346-3
Descrizione fisica	1 online resource (207 p.)
Disciplina	612.3/97
Soggetti	Fatty acids - Metabolism Membrane lipids - Metabolism Precision medicine
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	Part I. Molecular and nutritional basis of cell membranes and lipidomics -- Part II. Membrane lipidomics for personalized health.
Sommario/riassunto	Lipidomics is an important aspect of personalized medicine in relation to nutrition and metabolism. This approach has become important due to the substantial presence of nutraceuticals in the market, since it gives personalized criteria on how to choose the right nutraceutical strategy for both prevention and for quality of life. This multi-disciplinary textbook uses a simple and practical approach to provide a comprehensive overview of lipidomics and their connection with health and nutrition. The text is divided into two parts: Part 1 outlines the basics of lipidomics and focuses on

2. Record Nr.	UNINA9910699503903321
Autore	Smialek James L
Titolo	Moisture-induced alumina scale spallation [[electronic resource]] : the hydrogen factor / / James L. Smialek
Pubbl/distr/stampa	Cleveland, Ohio : , : National Aeronautics and Space Administration, Glenn Research Center, , [2010]
Descrizione fisica	1 online resource (31 pages) : illustrations
Collana	NASA TM- ; ; 2010-216260
Soggetti	Hydrogen embrittlement Aluminum oxides Spallation Thermal control coatings Moisture Delay Aluminum alloys
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Nov. 19, 2010). "April 2010."
Nota di bibliografia	Includes bibliographical references (pages 29-31)

3. Record Nr.	UNINA9910427859403321
Autore	Eckert Michael <1949->
Titolo	Establishing Quantum Physics in Munich : Emergence of Arnold Sommerfeld's Quantum School / / by Michael Eckert
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-62034-4
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIV, 86 p. 1 illus.)
Collana	SpringerBriefs in History of Science and Technology, , 2211-4572
Disciplina	530.12
Soggetti	Science - History Physics - History History of Science History of Physics and Astronomy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Boltzmann's Legacy -- Chapter 3. Munich Beginnings -- Chapter 4. X-rays and Quanta, 1911–1913 -- Chapter 5. Extending Bohr's Model, 1914–1919 -- Chapter 6. Synergy and Competition in the Quantum Network, 1919–1925 -- Chapter 7. Wave Mechanics—A Pet Subject of the Sommerfeld School, 1926–1928 -- Appendix.
Sommario/riassunto	This book traces the history of Arnold Sommerfeld's famous "nursery of theoretical physics" at the University of Munich and demonstrates the centrality of developing personal and institutional networks for the emergence of quantum theory. Sommerfeld, originally a mathematician with little interest in theoretical physics, was a somewhat unlikely choice for a chair of theoretical physics when he was appointed in 1906. However, he quickly reoriented his research focus towards physics, fostering a keen interest in experimental research. Possibly even more important for the development of quantum theory in the coming years was his exceptional talent as a charismatic teacher and prolific networker, which turned Munich into a central node in the fast-growing network of quantum physicists in the 1920s. It is no coincidence that the two most talented "child prodigies" of 1920s quantum physics, Wolfgang Pauli and Werner Heisenberg, were his

students, nor that by the end of the decade about a dozen of Sommerfeld's former disciples held chairs in theoretical physics. The book is directed at historians of science and physics, as well as all those interested in the history of science diplomacy and networking. The book is part of a series of publications on the early network of quantum physics. These works emerged from an expansive study on the quantum revolution as a major transformation of physical knowledge undertaken by the Max Planck Institute for the History of Science and the Fritz Haber Institute (2006–2012). For more on this project, see the dedicated Feature Story, The Networks of Early Quantum Theory, at the Max Planck Institute for the History of Science, <https://www.mpiwg-berlin.mpg.de/feature-story/networks-early-quantum-theory>.
