1.	Record Nr.	UNINA9910410653503321
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	Titolo	Security in distributed, grid, mobile, and pervasive computing / / Yang Xiao
	Pubbl/distr/stampa	2007 Boca Raton, FL : , : Auerbach Publishers, , [2007] ©2007
	ISBN	9786611127787 9781000218930 1000218937 9780429119347 0429119348 9781281127785 1281127787 9780849379253 0849379253
	Edizione	[1 ed.]
	Descrizione fisica	1 online resource (436 p.)
	Classificazione	COM032000COM043000COM048000
	Disciplina	005.8
	Soggetti	Computer security Mobile computing - Security measures
	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	Front cover; Contents; Preface; About the Editor; Contributors; Part I: Security in Distributed Computing; Chapter 1. Security for Content Distribution Networks - Concepts, Systems and Research Issues; Chapter 2. Key Management and Agreement in Distributed Systems; Chapter 3. Securing Design Patterns for Distributed Systems; Part II: Security in Mobile Computing; Chapter 4. Pragmatic Security for Constrained Wireless Networks; Chapter 5. Authentication in Wireless Networks; Chapter 6. Intrusion Detection in Wireless Sensor Networks Chapter 7. False Data Detection and Secure Data Aggregation in Wireless Sensor NetworksChapter 8. Privacy and Anonymity in Mobile Ad Hoc Networks; Chapter 9. Security Issues in the IEEE 802.15.1

	Bluetooth Wireless Personal Area Networks; Part III: Security in Grid Computing; Chapter 10. State-of-the-Art Security in Grid Computing; Chapter 11. Unifying Grid and Organizational Security Mechanisms; Chapter 12. Grid Security Architecture: Requirements, Fundamentals, Standards and Models; Chapter 13. A Trust-Based Access Control Management Framework for a Secure Grid Environment Chapter 14. Distributed Computing Grids-Safety and SecurityPart IV: Security in Pervasive Computing; Chapter 15. Security Solutions for Pervasive Healthcare; Chapter 16. Wireless Sensor Network Security: A Survey; Index; Back cover
Sommario/riassunto	Despite recent dramatic advances in computer security regarding the proliferation of services and applications, security threats are still major impediments in the deployment of these services. Paying serious attention to these issues, "Security in Distributed, Grid, Mobile, and Pervasive Computing" focuses on the increasing demand to guarantee privacy, integrity, and availability of resources in networks and distributed systems. A rich and useful presentation of strategies for security issues, the book covers each computing area in separate sections. It first reviews security issues and challenges in content distribution networks, describes key agreement protocols based on the Diffie-Hellman key exchange and key management protocols for complex distributed systems like the Internet, and discusses securing design patterns for distributed systems.; The next section focuses on security in mobile computing and wireless networks, covering wireless authentication methods, secure data aggregation, and anonymous routing protocol.; After a section on grid computing security, the book presents an overview of security solutions for pervasive healthcare systems and surveys wireless sensor network security. With more and more vital information stored on computers, security professionals need to know how to combat threats and complications. Offering strategies to tackle these issues, this book provides essential security information for researchers, practitioners, educators, and graduate students in the field.

2.	Record Nr.	UNINA9910672443703321
	Titolo	COVID-19 Metabolomics and Diagnosis : Chemical Science for Prevention and Understanding Outbreaks of Infectious Diseases / / edited by Frank N. Crespilho
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
	ISBN	9783031158896 9783031158889
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (194 pages)
	Disciplina	614.592414
	Soggetti	Chemistry Biochemistry Medicine Clinical Medicine
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Chapter 1. Trends in Electroanalytical Assays for Covid 19 diagnosis -- Chapter 2. Microfluidic devices with electrochemical detection towards covid-19 detection -- Chapter 3. Carbon-based materials for electrochemical sensing of SARS-CoV-2 -- Chapter 4. Electrochemical Immunosensor for diagnosis of COVID-19 -- Chapter 5. Optical Fibers Sensors for Detection of SARS-CoV-2 Infection -- Chapter 6. Lateral flow assays for COVID-19 -- Chapter 7. The use of NMR based metabolomics to discriminate patients with viral diseases -- Chapter 8. Application of quality statistical tools for the evaluation of diagnostic tests for SARS-CoV-2 detection.
	Sommario/riassunto	This book focus on COVID-19 topics, with emphasis on metabolomics and diagnosis. The chapters cover the chemical science for prevention and understanding outbreaks of infectious diseases. This book compiles the most widespread methodologies of application of quality statistical tools added to the evaluation of diagnostic tests for detection of SARS-CoV-2, metabolic behavior of COVID infection severity, and trends in rapid test for COVID-19.