

1. Record Nr.	UNINA9910784774903321
Titolo	Antennas and propagation for body-centric wireless communications / / Peter S. Hall, Yang Hao, editors
Pubbl/distr/stampa	Boston : , : Artech House, , ©2006 [Piscataway, New Jersey] : , : IEEE Xplore, , [2006]
ISBN	1-59693-062-4
Descrizione fisica	1 online resource (308 p.)
Collana	Artech House antennas and propagation library
Altri autori (Persone)	HallPeter S HaoYang
Disciplina	004.16
Soggetti	Wearable computers - Design and construction Wireless communication systems - Equipment and supplies - Design and construction Antennas (Electronics) - Design and construction Human-computer interaction
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	Introduction to Body-Centric Wireless Communications / Peter S. Hall and Yang Hao -- Electromagnetic Properties and Modeling of the Human Body / Peter S. Hall [and others] -- Antennas and Propagation for On-Body Communication at Microwave Frequencies / Peter S. Hall [and others] -- Transmission Mechanism of Wearable Devices Using the Human Body as a Transmission Channel / Koichi Ito, Masaharu Takahashi, and Katsuyuki Fujii -- Body-Centric UWB Communications / Istvan Kovacs [and others] --
Sommario/riassunto	"This resource offers coverage of the theory, design, and applications of wireless antennas for on-body electronic systems. It brings practitioners the state of the art in existing applications like Bluetooth headsets together with detailed treatment of techniques, tools, and challenges in developing on-body antennas for an array of medical, emergency response, law enforcement, personal entertainment, and military applications on the horizon."--Jacket.