1. Record Nr. UNIBAS000045440

Autore	Vezzani, Vittorio
Titolo	Il maiale / Vittorino Vezzani
Pubbl/distr/stampa	Torino [etc.] : <<G. B.>> Paravia, 1930
Descrizione fisica	87 p., [9] carte di tav. : ill. ; 16 cm
Collana	Biblioteca agricola Paravia , Serie zootecnica
Disciplina	636.4
Soggetti	Suini
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910138296403321

Titolo	Acoustic waves / / edited by Don Dissanayake
Pubbl/distr/stampa	IntechOpen, 2010 Rijeka : , : IntechOpen, , 2010 ©2010
ISBN	953-51-4543-6
Descrizione fisica	1 online resource (ix, 480 pages) : illustrations
Disciplina	534
Soggetti	Sound-waves Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	SAW devices are widely used in multitude of device concepts mainly in MEMS and communication electronics. As such, SAW based micro

sensors, actuators and communication electronic devices are well known applications of SAW technology. For example, SAW based passive micro sensors are capable of measuring physical properties such as temperature, pressure, variation in chemical properties, and SAW based communication devices perform a range of signal processing functions, such as delay lines, filters, resonators, pulse compressors, and convolvers. In recent decades, SAW based low-powered actuators and microfluidic devices have significantly added a new dimension to SAW technology. This book consists of 20 exciting chapters composed by researchers and engineers active in the field of SAW technology, biomedical and other related engineering disciplines. The topics range from basic SAW theory, materials and phenomena to advanced applications such as sensors actuators, and communication systems. As such, in addition to theoretical analysis and numerical modelling such as Finite Element Modelling (FEM) and Finite Difference Methods (FDM) of SAW devices, SAW based actuators and micro motors, and SAW based micro sensors are some of the exciting applications presented in this book. This collection of up-to-date information and research outcomes on SAW technology will be of great interest, not only to all those working in SAW based technology, but also to many more who stand to benefit from an insight into the rich opportunities that this technology has to offer, especially to develop advanced, low-powered biomedical implants and passive communication devices.