

1. Record Nr.	UNINA9910136077303321
Titolo	1st International Symposium of teaching Turkish as a foreign language // Ismail Gulec, Bekir Ince (eds)
Pubbl/distr/stampa	Frankfurt am Main, [Germany] : , : PL Academic Research, , 2016 ©2016
ISBN	3-653-06209-8
Descrizione fisica	1 online resource (230 pages) : illustrations, tables
Disciplina	494/.3580071
Soggetti	Turkish language - Study and teaching - Foreign speakers Turkish teachers - Training of Language and culture - Turkey Second language acquisition - Turkey
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910298622503321
Titolo	Electrospinning for High Performance Sensors // edited by Antonella Macagnano, Emiliano Zampetti, Erich Kny
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-14406-5
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (340 p.)
Collana	NanoScience and Technology, , 1434-4904
Disciplina	677.4
Soggetti	Nanotechnology Nanoscience Nanostructures Analytical chemistry Electronic circuits Nanoscale Science and Technology Nanotechnology and Microengineering Analytical Chemistry Electronic Circuits and Devices
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 at the end of each chapters.
Nota di contenuto	Preface -- Introduction to Electrospinning for High Performance Sensing -- Introduction to COST MP1206 -- Facile and Ultrasensitive Sensors Based on Electrospinning-Netting Nanofibers/nets -- Controlling the Nanostructure of Electrospun Polymeric Fibers -- Graphene-based Composite Materials for Chemical Sensor Application -- Electrospinning of Electro-Active Materials: Devices Based on Individual and Crossed Nanofibers -- Photoconductive Electrospun Titania Nanofibres to Develop Gas Sensors Operating at Room Temperature -- Electrospun Fluorescent Nanofibers and Their Application in Optical Sensing -- Nanofibre-Based Sensors for Visual and Optical Monitoring -- Electrospun Fluorescent Nanofibers for Explosive Detection -- Nanoparticle/Nano channels-Based Electrochemical Biosensors -- Electrospun Fibre-Based Biosensors -- Development by Electrohydrodynamic Processing of Heat Storage

Materials for Multi sectorial Applications -- Coaxial Electrospun Brain Mimetic Fibres for Diffusion Magnetic Resonance Imaging -- Turning Nanofibres into Products: Electrospinning from a Manufacturer's Perspective.

Sommario/riassunto

This book aims to present the different aspects of electrospinning for designing and fabricating high performing materials for sensors applied in gaseous and liquid environments. Since electrospinning is a versatile and inexpensive manufacturing technology, the book emphasizes the industrial applications perspective. The volume is an edited collection of the most recent and encouraging results concerning advanced nanostructured (bio)sensors. The feats achieved by these sensors range from high sensitivity to extreme operating conditions and satisfy a wide range of requirements. Most of the contributions in this book come from First International Workshop on Electrospinning for High Performance Sensing (EHPS2014) that was held in Rome in 2014, as part of the European COST Action MP1206 Electrospun Nano-fibres for bio inspired composite materials and innovative industrial applications.
