1. Record Nr. UNINA9910674028803321

Autore	Sanchez-Rojas Jose Luis
Titolo	Piezoelectric Transducers : Materials, Devices and Applications
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (524 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Advances in miniaturization of sensors, actuators, and smart systems are receiving substantial industrial attention, and a wide variety of transducers are commercially available or with high potential to impact emerging markets. Substituting existing products based on bulk materials, in fields such as automotive, environment, food, robotics, medicine, biotechnology, communications, and other technologies, with reduced size, lower cost, and higher performance, is now possible, with potential for manufacturing using advanced silicon integrated circuits technology or alternative additive techniques from the mili- to the nano-scale. In this Special Issue, which is focused on piezoelectric transducers, a wide range of topics are covered, including the design, fabrication, characterization, packaging, and system integration or final applications of mili/micro/nano-electro-mechanical systems based transducers.

2. Record Nr. UNINA9910566482503321

Autore	Wagner Nicole
Titolo	The Role of PPARs in Disease
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (274 p.)
Soggetti	Medicine and Nursing Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This reprint combines recent original manuscripts and reviews covering the multiple functions of peroxisome proliferator-activated receptors in physiology and pathophysiology. Potential applications and limitations of PPAR agonists and antagonists are discussed. All original contributions were published in Cells.