



Flexible and Stretchable Piezoelectric Devices for Mechanical Sensing and Energy Harvesting

Guest Editors:

Dr. Kwi-Il Park

Energy Materials Research
Laboratory, Department of
Energy Engineering, Gyeongnam
National University of Science
and Technology, Jinju,
Gyeongnam, 52725, Korea

kipark@gntech.ac.kr

Dr. Chang Kyu Jeong

Division of Advanced Materials
Engineering, Chonbuk National
University, Jeonju, Jeonbuk
54896, Korea

ckyu@jbnu.ac.kr

Deadline for manuscript
submissions:

28 February 2019

Message from the Guest Editors

Dear Colleagues,

Recent developments in the field of flexible and stretchable technologies have accelerated the feasibility of practical uses in various real-life applications, such as smart mobile devices, healthcare sensors, and the Internet of Things (IoT). In particular, self-powered electronic systems based on piezoelectric devices, in formats that are thin, flexible, and even stretchable, have drawn much attention because they could provide permanent, long-lasting, remote use of widespread devices.

Piezoelectric energy harvesting devices that convert the electricity from mechanical energy resources have been considered as a promising candidate for power sources of flexible and stretchable electronic devices without environmental restraints. Mechanical sensors based on piezoelectric materials enable self-powered sensors without additional energy sources. [...]

For further information, please visit http://www.mdpi.com/journal/sensors/special_issues/flexible_stretchable_piezoelectric_devices.

Dr. Kwi-Il Park
Dr. Chang Kyu Jeong
Guest Editors





An Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Assefa M. Melesse

Prof. Dr. W. Rudolf Seitz

Prof. Dr. Alexander Star

Prof. Dr. Vittorio M.N. Passaro

Prof. Dr. Leonhard M. Reindl

Message from the Editorial Board

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes special issues devoted to specific sensing areas and application each year.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility: indexed by the Science Citation Index Expanded (Web of Science), MEDLINE (PubMed), **Ei Compendex**, **Inspec (IET)** and other databases.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 24 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in 2017).

Contact us

Sensors
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
@Sensors_MDPI