

Contents

Volume 250
Issue 3
March 2021

www.sensorsportal.com

ISSN 2306-8515
e-ISSN 1726-5479

Research Articles

- A Calibrated Intelligent Sensor for Monitoring of Particulate Matter in Smart Cities**
Mariana Rodrigues Villarim, Douglas de Farias Medeiros, Larissa Cavalcanti de Sousa Medeiros, Cleonilson Protasio de Souza, Márcia Helena Pontieri, Nataly Albuquerque dos Santos and Orlando Baiocchi 1
- Pressure Transducer Optimization by Multiphysics Simulation**
Ricardo Pereira and Carlos Cima 10
- Highly Sensitive Formaldehyde Based on Hierarchical ZnO Nanostructure to Defeat Sick Building Syndrome**
Paramita Chowdhury, Sunipa Roy, Nabaneeta Banerjee, Swapan Das and Utpal Biswas..... 18
- Polyvinylidene Fluoride-Praseodymium Oxide Nanocomposite Force Sensors for Monitoring Human Physiological and Muscle Motion Signs**
Ashok Batra, James Sampson, Kuzhivelil Arun and Aschalew Kassu 26
- Visual Intelligence-Based Contactless Bio Signals Measurement and Diagnosis Sensor to Overcome COVID-19**
Chan-Il Kim, Sangwoo Cho, and Jong-Ha Lee 32
- First Results of the BeE-Nose on Mid-Term Duration Hive Air Monitoring for Varroa Infestation Level Estimation**
Andreas König..... 39

Authors are encouraged to submit article in MS Word (doc) and Acrobat (pdf) formats
 by e-mail: editor@sensorsportal.com. Please visit journal's webpage with preparation instructions:
<http://www.sensorsportal.com/HTML/DIGEST/Submition.htm>