SPECIAL ISSUE ON APPROPRIATE APPLIED SCIENCES, TECHNOLOGIES, AND ENGINEERING BASED ON SENSORS AND MATERIALS FOR NEW-NORMAL ERA

PREFACE

Despite the slowing down of the worldwide economy due to the COVID-19 pandemic, non-contact and intelligent technologies have rapidly developed. Advances in intelligent technologies such as smart robotics, augmented reality, virtual reality, and OpenAI affect the way we learn, communicate, work, and live our lives. Such technologies separate people into two groups, those who know how to utilize them and those who do not, with the former group having much fewer members than the latter. To bridge the gap between the two groups, appropriate technologies should be introduced to help the majority of the population join the former group.

This special issue focuses on appropriate applied sciences, technologies, and engineering based on sensors and materials for the new-normal era. New trends and solutions to assist people to work and restart the economy are the theme of the issue. Twelve papers have been selected and reviewed thoroughly. The first two papers give a perspective of education and training, then the following four papers provide a view of research and development. The next two papers are related to medical applications and healthcare, and the final four papers are about robotics and AI.

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