

Special Issue

Application of Power Electronics, Energy Storage, Mobility, and Control to Combat the Pandemic Diseases

Message from the Guest Editor

With the recent emergence of the pandemic disease, Covid-19, there are new demands for various electronic and electrical systems. Current research needs to not only target the recent coronavirus, but also medical equipment and the associated setup that will be needed in the future in order to ensure that we are well prepared for the next pandemic. Substantial research on mobile clinics, robotic systems for diagnosis, energy storage for mobile vehicles, automatic stretchers, electric wheelchairs, advanced ventilators, electronic smart facial masks, and filtering systems is needed. Robots and actuators will be needed to avoid direct contact between patients and medical personnel. This field of research is very large, but this Special Issue aims to focus on the impact of power, electronic and electrical control, electrified transportation, and energy storage to meet the new demand in combating pandemic diseases.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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