In recent years, applications of advanced materials for electronic and mechanical devices, and optical sensors have been fast developing fields. Owing to their flexibility and light weight for daily use, they have the potential to be deployable. The scope of this special issue “Advanced Materials on Electronic and Mechanical Devices and Their Application on Sensors” covers fundamental materials of electronic, mechanical, and optical engineering, including their synthesis, integration with many elements, designs of electronic or optical devices, evaluation of various performances, and broad applications in industry, environmental control, materials analyses, and so forth. Part 4 of this special issue selects 11 excellent papers in four categories of sensors and materials fields:


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