

Sensors and Materials Young Researcher Paper Award 2019

We have examined all the review comments sent by the reviewers as well as the evaluations sent from Editors and Guest Editors. After careful consideration, the following paper won the Young Researcher Paper Award 2019.

● Winner ●

Title: Fabrication of Solidified Ionic Liquid with 3D Microstructures and Its Application to Vibration Energy Harvester

Authors: Taiki Iida, Takuya Tsukamoto, Kazumoto Miwa, Shimpei Ono, and Takaaki Suzuki

<https://doi.org/10.18494/SAM.2019.2309>

Vol. 31, No. 8(2) pp. 2527–2539 (Special issue; Guest editor, Dr. Hiroyuki Akinaga)

The other three papers listed below were also selected as highly commended papers.

● Highly commended papers ●

Title: A MEMS Accelerometer for Sub-mG Sensing

Authors: Daisuke Yamane, Toshifumi Konishi, Teruaki Safu, Hiroshi Toshiyoshi, Masato Sone, Katsuyuki Machida, Hiroyuki Ito, and Kazuya Masu

<https://doi.org/10.18494/SAM.2019.2122>

Vol. 31, No. 9(2) pp. 2883–2894 (Special issue; Guest editor, Professor Hiroyuki Fujita)

Title: Direct Formation of Solution-based Al₂O₃ on Epitaxial Graphene Surface for Sensor Applications

Authors: Kwan-Soo Kim, Hirokazu Fukidome, and Maki Suemitsu

<https://doi.org/10.18494/SAM.2019.2317>

Vol. 31, No. 7(2) pp. 2291–2301 (Special issue; Guest editor, Professor Maki Suemitsu)

Title: Peptide-modified Microelectrode-based Potentiometric Device for 2,4,6-trinitrotoluene Molecule Detection

Authors: Jin Wang, Rui Yatabe, Takeshi Onodera, Masayoshi Tanaka, Mina Okochi, and Kiyoshi Toko

<https://doi.org/10.18494/SAM.2019.2385>

Vol. 31, No. 8(3) pp. 2609–2617 (regular issue)