

Dr. Shuntaro Tsubaki has received JEMEA Best Poster Award in the 7th Annual Meeting of Japan Society of Electromagnetic Wave Energy Applications Symposium.

Dr. Tsubaki has participated in the joint research with Dr. Masanori Hiraoka, Dr. Tadaharu Ueda, and Dr. Ayumu Onda from Kochi University and Dr. Junichi Azuma from Osaka University. They presented their research achievements in the 7th Annual Meeting of Japan Society of Electromagnetic Wave Energy Applications Symposium at Tokyo Institute of Technology from September 2nd to 4th, 2013. Dr. Tsubaki and the other professors have received JEMEA Best Poster Award in this symposium.

Their research achievement shows technology to promote hydrolysis of green algae biomass under microwave irradiation by combining of materials that absorb microwave energy efficiently.

Title: Production of rhamnose from green algal biomass by microwave irradiation

Author: Shuntaro Tsubaki, Masanori Hiraoka, Tadaharu Ueda, Ayumu Onda, Junichi Azuma (Kochi University, Osaka University (Azuma))

For more information please look further into this on the following link:

Link: <http://www.jemea.org/modules/news/article.php?storyid=220>

A part of this research was supported by Japan Science and Technology Agency (JST) for Exploratory Research, Adaptable and Seamless Technology transfer Program through target-driven R&D (A-STEP) in 2013. The project has been entitled “Development of solid catalyst for high activation of new microwave and application for rhamnose from seaweed biomass”.