

Odd number; 23rd/July/2024

Even number; 24th/July/2024

| No. | Title  | Authors  | Affiliations   |
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| P01 | A Compact Hybrid Solar and Electromagnetic Energy Harvester at 2.45 GHz Microstrip Rectenna                          | Ping Lu, Xue Luo, Yue Liu, Enpu Lei, Kama Huang  | Sichuan University   |
| P02 | The Effect of Weave Patterns on the Effective Permittivity of Woven Fabrics  | Jesus Nain Camacho Hernandez, Guido Link   | Karlsruhe Institute of Technology (KIT)  |
| P04 | Microwave-induced high dispersion anchoring of MOFs on SiC surfaces: Built-in electric field dominated process       | Xin Gao, Zongliang Kou, Zhenyu Zhao, Hong Li   | Tianjin University, Haihe Laboratory of Sustainable Chemical Transformations           |
| P05 | A Permittivity Measurement Equipment Based on Ridge Waveguide  | Rui Xiong, Kama Huang, Qian Chen   | Sichuan University   |
| P06 | Fundamental Investigation on Antenna-Assisted Enhancement of Microwave Metal Discharges                              | Jen Shun Chen, Po Chien Hsu, Pei Hsing Huang, Chia Lung Kuo  | National Yunlin University of Science & Technology                                     |
| P08 | Effects of Magnetic and Electric Fields on Heating Characteristics in Microwave Soldering                            | Takashi Nakamura, Sei Uemura   | National Institute of Advanced Industrial Science and Technology (AIST)                |
| P09 | Study on Aggregation Behaviours of Asphaltenes under Various Microwave Electric Field Intensities                    | Xiayu Fan, Jun Li, Huidong Sun, Hui Shang  | China University of Petroleum (Beijing), PetroChina Planning and Engineering Institute |
| P10 | Atmospheric Pressure Plasma Jet Produced by Substrate Integrated Waveguide Resonator                                 | Damin Gou, Chaoxia Zhao, Yi Zhang, Kama Huang  | Xihua University, Sichuan University   |
| P11 | Microwave Synthesis of Lindqvist-Type $[(\text{Ta}_x\text{Nb}_{6-x})\text{O}_{19}]^{8-}$ and their Base Catalysis    | Nattamon Panichakul, Tomoki Matsuyama, Soichi Kikkawa, Koichi Kikuchi, Seiji Yamazoe   | Tokyo Metropolitan University,   |
| P12 | Real-time measurement of temperature-dependent permittivity for SiC using 2.45 GHz microwave heating                 | Masaya Sato, Eiji Yamasue, Shunsuke Kashiwakura, Shoki Kosai   | Ritsumeikan University,  |
| P13 | Influence of Dielectric Properties on Temperature Profiles during 915 MHz Microwave Cooking of Cambodian Pâté        | Sebastien Curet, Sovannmony Nget, Lionel Boillereaux   | GEPEA - Oniris Nantes Université, RIC, Institute of Technology of Cambodia             |
| P14 | Influence of Particle Arrangement on Microwave Heating Efficiency  | Jianchen Sun, Jie Yang, Yifei Liao, Hui Shang  | China University of Petroleum (Beijing)  |
| P15 | Size Controlled Synthesis of Ta Oxide Clusters by Microwave Reaction: Application to Base Catalysts                  | Supisara Hongpuek, Hiroki Nagakari, Soichi Kikkawa, Seiji Yamazoe  | Tokyo Metropolitan University  |
| P16 | Thermal Decomposition on Different Types of Plastics by Microwave-Assisted Catalytic Heating - Nanocarbon Analysis - | I Putu Abdi Karya, Kohei Nakagawa, Yuta Kageyama, Al Jalali Muhammad, Takayuki Asano, Fumihiko Nishimura, Toyohiko Nishiumi, Seitaro Mitsudo   | University of Fukui  |
| P17 | Microwave Roasting-Leaching Nickel from Indonesian Nickel Laterite Ore   | Al Jalali Muhammad, Kohei Nakagawa, I Putu Abdi Karya, Aslan Ndita, La Ode Muhammad Darusman, La Agusu, I Nyoman Sudiana, Fumihiko Nishimura, Toyohiko Nishiumi, Takyuki Asano, Hikomitsu Kikuchi, Seitaro Mitsudo | University of Fukui, Department of Physics, University of Halu Oleo                    |

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| P19 | Thermal Decomposition on Different Types of Plastics by Microwave-Assisted Catalytic Heating - Generated-gas Analysis - | Yota Kageyama, I Putu Abdi Karya, Al Jalali Muhammad, Takayuki Asano, Seitaro Mitsudo, Kohei Nakagawa, Fumihiro Nishimura, Toyohiko Nishiumi | University of Fukui  |
| P20 | Selective CO <sub>2</sub> -H <sub>2</sub> O Hydrolysis of Citrus Bioflavonoids Under Microwave Irradiation              | Kota Nishimure, Jonas Karl N Agutaya, Tetsuya Kida, Armand T Quitain   | Kumamoto University  |
| P21 | Synthesis of GTBE by Carbon-Based Catalytic Method using Microwave Irradiation  | Nao Christopher Takata, Jonas Christopher Agutaya, Tetsuya Kida, Armando T Quitain   | Kumamoto University  |
| P22 | Dielectric Heating Accelerates Ulva Extraction from Ulva Meridionalis and Its Application to Polysaccharide Film        | Kazuma Matsuzaki, Shuntaro Tsubaki, Takeharu Sugiyama, Daisuke Tatsumi, Masanori Hiraoka, Pablo B. Sanchez, Noriyuki Igura                   | Kyushu University, Kochi University, University of Vigo                          |
| P23 | Effect of Microwave Vacuum Drying Conditions on Polyphenol Contents of Olive Pomace                                     | Miku Tsuruo, Yuto Inui, Yuyun Sulastri, Kohei Nakagawa, Toyohiko Nishiumi, Takayuki Asano, Seitaro Mitsudo                                   | University of Fukui  |
| P24 | Crystal Growth of Bi <sub>2</sub> Te <sub>3</sub> Thin Films by a Single-Mode Microwave Heating at Various Frequencies  | Kohei Nakagawa, Takuma Iwamoto, I Putu Abdi Karya, Takayuki Asano, Takafumi Komori, Masayuki Takashiri, Seitaro Mitsudo                      | University of Fukui, Tokai University,   |
| P25 | Model-Driven Scaleup of Microwave Heated Chemical Reactors  | Arun Senthil Sundaramoorthy, Maxwell P Bobbin, Yeonsu Kwak, Dionisios G. Vlachos   | University of Delaware   |
| P26 | Classification of Microwave Assisted Organic Reaction   | K. Uchihiro, M.A. Mirdad, R. Baba, T. Yoshimura, S. Ohuchi1  | Kyushu Institute of Technology, Saida FDS  |
| P27 | Microwave Efficient Irradiation by Metal Cage Placed in the Multi-Mode Device   | M. Nakamura, R. Baba, Shokichi Ohuchi  | Kyushu Institute of Technology   |
| P28 | Easy Permittivity Measurement by Portable Lite VNA  | R. Baba, H. Kawashima, M. Koshimura, S. Ohuchi   | Kyushu Institute of Technology, National Institute of Technology, Sasebo College |
| P29 | Microwave Pretreatment Effect on Supercritical CO <sub>2</sub> -Aided Hydrothermal Liquefaction of Microalgae           | Taisei Nagamine, Armand T. Quitain, Yusuke Inomata, Tetsuya Kida   | Kumamoto University  |