

### Ⅲ) 研究成果の公表の状況

#### 1) 論文

##### 1 - 1 原著論文 (25 件)

1. Norio Miyoshi, Toshitaka Idehara, Eduard Khutoryan, Yukihiro Fukunaga, Andriana Bintang Bibin, Shinji Ito, and Svilen Petrov Sabchevski, " Combined Hyperthermia and Photodynamic Therapy Using a Sub-THz Gyrotron as a Radiation Source," *J. Infrared Milli. Terahz. Waves* **37**, 805–814 (Published online: 4 April 2016); doi: 10.1007/s10762-016-0271-z.
2. Keisuke Ueda, Yoh Matsuki, Toshimichi Fujiwara, Yoshinori Tatematsu, Isamu Ogawa, and Toshitaka Idehara, "Further Characterization of 394-GHz Gyrotron FU CW GII with Additional PID Control System for 600-MHz DNP-SSNMR Spectroscopy," *J. Infrared Milli. Terahz. Waves* **37**, 825–836 (Published online: 23 April 2016); doi: 10.1007/s10762-016-0276-7.
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8. Osamu Morikawa, Kohji Yamamoto, Kazuyoshi Kurihara, Masahiko Tani, Fumiyoshi Kuwashima, and Masanori Hangyo, "Sub-terahertz imaging using time-domain signals obtained with photoconductive spiral antennas," *J. Opt. Soc. Am. B* **33**(9), 1940-1948 (23 Aug 2016); doi: 10.1364/JOSAB.33.001940.
9. Haji Aripin, Seitaro Mitsudo, I Nyoman Sudiana, Nundang Busaeri, Bambang Sunendar, and Svilen Sabchevski, "Structural Characterization of a Glass Ceramic Developed from TiO<sub>2</sub> and a

Novel Material-Silica Xerogel Converted from Sago Waste Ash," *Materials Science Forum* **872**, 81-86 (published online: 12 Sep 2016); doi: 10.4028/www.scientific.net/MSF.872.81.

10. O. Dumbrajs, T. Saito, Y. Tatematsu, and Y. Yamaguchi, "Influence of the electron velocity spread and the beam width on the efficiency and mode competition in the high-power pulsed gyrotron for 300GHz band collective Thomson scattering diagnostics in the large helical device," *Phys. Plasmas* **23**(9), 093109(1-8) (15 Sep 2016); doi: 10.1063/1.4962575.
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indium antimonide," *Jpn. J. Appl. Phys.* **56**(2) (5 January 2017); doi:10.7567/JJAP.56.028001.

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## 1 – 2 国際会議論文 (0 件)

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