

## 2.1 原著論文 / Publications

K.Hada, K.Nagasaki, K.Masuda, R.Kinjo, S.Ide, A.Isayama, “Analysis of ECRH Pre-Ionization for Plasma Start-Up in JT-60SA”, *Plasma Fusion Research*, Vol.7 (2012), 2403104.

T.Estrada, K.Nagasaki, E.Blanco, G.Perez, V.Tribaldos, “Microwave Reflectometry Diagnostics: Present Day Systems and Challenges for Future Devices”, *Plasma and Fusion Research*, Vol.7 (2012), 2502055.

S.Kobayashi, S.Kado, T.Oishi, S.Ohshima, T.Kagawa, Y.Nagae, S.Yamamoto, T.Mizuuchi, K.Nagasaki, H.Okada, T.Minami, T.Estrada, S.Murakami, H.Y.Lee, T.Harada, Y.Nakamura, S.Konoshima, K.Toushi, F.Sano, “Density fluctuation measurements using beam emission spectroscopy on Heliotron J”, *Review of Scientific Instruments*, Vol.83 (2012), 10D535.

R.Yasuhsara, M.Yoshikawa, M.Morimoto, I.Yamada, K.Kawahata, H.Funaba, Y.Shima, J.Kohagura, M.Sakamoto, Y.Nakashima, T.Imai, and T.Minami, “Design of the polarization multi-pass Thomson scattering system”, *Review of Scientific Instruments*, Vol.83 (2012), 10E326.

Bo LU, K.Nagasaki, T.Mizuuchi, H.Okada, T.Minami, S.Kobayashi S.Yamamoto, S.Ohshima, S.Konoshima, F.Sano, “Experimental Study of Plasma Breakdown by Toroidally Injected Electron Cyclotron Waves in Heliotron J”, *Plasma and Fusion Research*, Vol.7 (2012), 1202153.

H.Lee, S.Kobayashi, M.Yokoyama, T.Mizuuchi, T.Minami, T.Harada, K.Nagasaki, H.Okada, T.Minami, S.Yamamoto, S.Murakami, Y.Nakamura, S.Konoshima, S.Ohshima, L.Zang, F.Sano, “Effect of magnetic field configuration on parallel plasma flow during neutral beam injection in Heliotron J”, *Plasma Physics and Controlled Fusion*, Vol.55 (2013), 035012.

T.Minami, S.Arai, N.Kenmochi, H.Yashiro, C.Takahashi, S.Kobayashi, T.Mizuuchi, S.Ohshima, S.Yamamoto, H.Okada, K.Nagasaki, Y.Nakamura, K.Hanatani, S.Konoshima, F.Sano, “Present Status of the Nd:YAG Thomson Scattering System Development for Time Evolution Measurement of Plasma Profile on Heliotron J”, *Plasma Science and Technology*, Vol.15 (2013), 240-243.

L.Zang, M.Takeuchi, N.Nishino, T.Mizuuchi, S.Ohshima, K.Kasajima, M.Sha, K.Mukai, H.Y.Lee, K.Nagasaki, H.Okada, T.Minami, S.Kobayashi, S.Yamamoto, K.Hanatani, Y.Nakamura,