

2009年度 宇宙環境研究グループ国際会議講演

"A consideration of future flight material exposure experiments in Japan: Advanced material exposure test working group's proposal", Masahito Tagawa, Kumiko Yokota, Mengu Cho, Minoru Iwata, Rikio Yokota, Mineo Suzuki, Koji Matsumoto, Yugo Kimoto, Eiji Miyazaki, Hiroyuki Shimamura, The 27th International Symposium on Space Technology and Science, Tsukuba, Japan, 2009.07.05-07.12, on USB Memory.

"An experimental study on air breathing ion engine using a laser-detonation atomic oxygen beam source as LEO space environment simulator", Masahito Tagawa, Kazutaka Nishiyama, Kumiko Yokota, Yasuo Yoshizawa, Daisaku Yamamoto, Hitoshi Kuninaka, The 27th International Symposium on Space Technology and Science, Tsukuba, Japan, 2009.07.05-07.12, on USB Memory.

"Energy dependence on fluorinated polymer erosion by hyperthermal atomic oxygen exposures: a high-speed chopper and quartz crystal microbalance study", Kazuhiro Kishida, Kumiko Yokota, Akio Okamoto, Masahito Tagawa, The 27th International Symposium on Space Technology and Science, Tsukuba, Japan, 2009.07.05-07.12, on USB Memory.

"Erosion properties of PMDA-ODA polyimide as a reference material for atomic oxygen fluence monitoring", Kumiko Yokota, Masahito Tagawa, The 27th International Symposium on Space Technology and Science, Tsukuba, Japan, 2009.07.05-07.12, on USB Memory.

"Tolerance of Commercially Available Polysiloxane-Block-Polyimide Film against Space Environment in Low Earth Orbit", Eiji Miyazaki, Masahito, Tagawa, Kumiko Yokota, Rikio Yokota, Yugo Kimoto and Junichiro Ishizawa, Proceedings of the 11th International Symposium on Materials in Space Environment, Aix-en-Provence, September 14-18, 2009, on CD-ROM.

"The remarkable lack of synergistic effects in the erosion of FEP teflon", Timothy K. Minton, Jianming Zhang, Ned F. Lindholm, Amy L. Brunsvold, Hari P. Upadhyaya, Masahito Tagawa, Proceedings of the 11th International Symposium on Materials in Space Environment, Aix-en-Provence, September 14-18, 2009, on CD-ROM.

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