

研究成果報告書 (掲載期間 2022.11.1–2023.10.31)

審査学術論文

- (1) Yuma Kobayashi, Kei Somaya, Junji Miyamoto and Takao Okabe : Direct synthesis of Fluoropolymer particles in Ionic Liquids via the Photopolymerization of Solid Lubricants, *TRIBOLOGY INTERNATIONAL*, Vol. 188, 2023, 108731.
- (2) Takao Okabe and Kei Somaya : Development of ionic liquid circulation system in high-vacuum chamber for semiconductor device fabrication, *Vacuum*, Vol. 207, 2023, 111562.

学会発表

- (1) Kei Somaya, Yuma Kobayashi, Junji Miyamoto, Takao Okabe : Effect of Impurity on Tribological Properties of Ionic Liquid Dispersed Polymer Particles, 9th International Tribology Conference (ITC 2023), September, 2023, Fukuoka, JAPAN.
- (2) Takao Okabe, Kei Somaya : Investigation on a Corrosion of Mechanical Materials by Ionic Liquids under High-vacuum Condition, 9th International Tribology Conference (ITC 2023), September, 2023, Fukuoka, JAPAN.
- (3) 足立尚哉, 近藤文義, 内田孝紀, 柚谷啓 : 大気圧観測プローブ観測における風速・風向の影響調査, 日本地球惑星科学連合 2023 年大会, 2023 年 5 月, 東京.
- (4) 水野旭, 柚谷啓, 岡部貴雄 : 曲がり梁を用いた可変絞り油静圧軸受の数値的検討, 日本設計工学会東海支部, 令和 4 年度研究発表講演会, 2023 年 3 月, 名古屋.