

研究成果報告書 (掲載期間 2024. 11. 1-2026. 3. 31)

審査学術論文

- (1) Kazushige Tokuno, Masahiro Hagino, Ken Takata and Hideo Tsutamori: Fatigue Fracture Process of Extruded and Heat-Treated Al-Zn-Mg Alloys under Uniaxial Cyclic Loading with Positive Stress Ratio, Journal of Materials Transactions, Vol. 66, No. 6, (2025), pp. 712-723.
- (2) Reo Hanaki, Takashi Inoue, Kei somaya, Hiroshi Usuki, Yuya Aoki and Masahiro Hagino: Effect of cutting temperature to material deformation and residual stress after face milling, Journal of Defect and Diffusion Forum, Vol. 441, (2025), pp. 83-89.
- (3) Masahiro Hagino: Development of Machining Device with Real-Time Visualization of Boundary Surface on Tool Rake Face and Cutting Chip, International Journal of Automation Technology, Vol. 18, No. 3, (2024), pp. 352-357.

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- (1) Masahiro Hagino, Ryoto Yamada, Kei Somaya and Yuya Aoki: Wear Mechanisms of Coated Cutting Tools in CFRP Machining, The 11th International Conference on Leading Edge Manufacturing Technology in 21st Century (LEM21), December 1-5, 2025, paper ID, OPS-10, 沖縄県.
- (2) Akito YORICHIKA, Junichi NAKAGAWA and Masahiro HAGINO: Effect of High-Pressure Coolant in turning of Ni-Based Superalloys, The 11th International Conference on Leading Edge Manufacturing Technology in 21st Century (LEM21), December 1-5, 2025, paper ID, OS05-11, 沖縄県.
- (3) 萩野将広, 永田恵都, 井上孝司: S55C の黒皮の被削性に関する基礎的研究-黒皮厚さと切込みの関係-, 材料とプロセス Vol. 38, No. 2, (2025), p. 601, 北海道.