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Suprianto S.T., M.T., Ph.D was born in Bdr Tinggi, Simalungun on September 08, 1979. He is a lecturer in Mechanical Engineering at Universitas Sumatera Utara in the field of Material Science & Engineering. He completed his doctoral degree in Material Science & Engineering study program at National Dong Hwa University in 2020.

Publications

2023

Jurnal nasional terakreditasi

The role of Cu element and compaction pressure on microstructure and mechanical Properties of Al-Cu binary alloy synthesized by powder metallurgy

SUPRIANTO

2019

Jurnal internasional bereputasi

Influence of Ta and Y2O3 on synthesis, phase evolution and mechanical properties of Co-Al-W based alloys

SUPRIANTO

2020

Jurnal internasional bereputasi

Microstructure and mechanical properties of AlCuNiFeCr high entropy alloy coatings by mechanical alloying

SUPRIANTO

2019

Jurnal internasional bereputasi

Effects of nano-dispersoids on synthesis and characterization of low Crcontaining CoNiFeMnCr high entropy alloy by mechanical alloying

SUPRIANTO

2021

Jurnal internasional bereputasi

Study of (Ni,Cr) pre-milling for synthesis of CoFe(NiCr)Mn high entropy alloy by mechanical alloying

SUPRIANTO

2016

Prosiding seminar internasional

Effect of pressure on mechanical properties of A356 aluminum castings using squeeze casting method

SUPRIANTO

2023

Jurnal nasional terakreditasi

Effect of Welding Current on Mechanical Properties and Microstructure of Aluminium AA1135 Alloys by Gas Tungsten Arc Welding (GTAW)

SUPRIANTO

2020

Jurnal internasional bereputasi

The role of Co/Fe ratio and in-situ Y dispersoids on microstructure and mechanical properties of CoFeNiMnCr high entropy alloys

SUPRIANTO

2022

Jurnal internasional bereputasi

Study of Cu Effect and In-situ Ytria Dispersoids on Microstructure Evolution of Mechanically Alloyed CoFeNiCrCu High Entropy Alloys

SUPRIANTO

2024

Prosiding seminar internasional

Effect of welding parameters on microstructure, mechanical properties and environment

SUPRIANTO

2024

Prosiding seminar internasional

Study on microstructure evolution and mechanical properties of similar joint of Al-Mg-Si alloy by tungsten inert gas welding

SUPRIANTO

2025

Jurnal nasional terakreditasi

Investigation of microstructural, mechanical, and electrical characteristics of CuNi5W alloy synthesized by warm compaction

SUPRIANTO , AGUNG ARDIYANSYAH , BAGUS PRASETIYO , IRFAN SITORUS

2025

Jurnal nasional terakreditasi

STUDI KARAKTERISTIK LASAN ALUMINIUM 6061-T6 DENGAN BERBAGAI METODE PENGELASAN

SUPRIANTO , JOSUA SIMAREMARE

2025

Jurnal nasional terakreditasi

The Effect of Composition and Sintering Temperature on The Characteristics of xCu-yNi-5 wt.%W Alloy as A Candidate Electrode Material

SUPRIANTO , DWIKI RIFHARDI SIREGAR , Muhammad Fahan Azmi , MUHAMMAD AKHSAL

2024

Prosiding seminar internasional

Multilayer PZT/PVDF Composite Films for HighPerformance Force Sensor and Energy Harvesting Applications.

SUPRIANTO , SUPRAPTO , ESWANTO , JUBAIDAH

2015

Jurnal internasional

Fabrication of an aluminum matrix piezocomposite using hollow piezoelectric fiber

SUPRIANTO

Researches

2024

Penelitian Fundamental

Pengembangan material (Cu/Ni)-Refractory element Sebagai Alternatif Bahan Dasar Komponen Elektroda EDM Menggunakan Teknologi Metalurgi Serbuk

M. SABRI , SUPRIANTO

2021

Pembinaan dan Pengembangan UKM Ayam Goreng di Desa Naga Jaya I Kecamatan Bandar Huluan Kabupaten Simalungun

HARIADI SUSILO , SUPRIANTO

2014

Penelitian Fundamental

Optimalisasi Kinerja Mesin Mixer Buatan Sendiri Dengan Metode Single Belting Dan

2013

Ipteks Bagi Masyarakat

IBM Meningkatkan Kualitas Gabah Padi Bagi Kelompok Usaha Tani
