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Awan Maghfirah, S.Si., M.Si., born in Manna, South Bengkulu, on September 02, 1979, is a Physics lecturer at Universitas Sumatera Utara. He completed his last education, which is the Master's Program in Physics at USU, in 2007.

Publications

2024
Prosiding seminar internasional

Utilization Of Kijing (Pilsbryoconcha exilis) Shell Waste As A Source Of Hydroxyapatite By Double Stirring And Precipitation Methods As Biomaterials

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2024
Jurnal nasional terakreditasi

Linearity Test of CT Number and Spatial Resolution Using ACR 464 Phantom for Image Quality Assessment on a 16-Slice CT Scanner

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2024
Jurnal nasional

Physical Properties of Polymer Concrete Utilizing Pahae Natural Zeolite, Corn Husk Fiber, and Polyurethane Resin Adhesives

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2023
Prosiding seminar internasional

Utilization Of Pahae Natural Zeolite In The Production Of Polymer Concrete Using Corn Shell Fiber And Polyurethane Resin As Adhesive

SUDIATI , AWAN MAGHFIRAH , PERDINAN SINUHAJI

2023
Prosiding seminar internasional

Effect of addition of coffee bean shell fiber and zinc oxide to bioplastic starch porang (Amorpophallus oncophyllus) with glycerol plasticizer

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2023
Prosiding seminar internasional

Effect of storage time of biodegradable plastic porang starch with glycerol plasticizer on mechanical and thermal properties

AWAN MAGHFIRAH , SUSILAWATI

2023
Prosiding seminar internasional

Utilization of porang starch (Amorphophallus oncophyllus Prain) and chitosan in the production and characterization of bioplastics

AWAN MAGHFIRAH , SUSILAWATI

Researches

2023

PEMANFAATAN PATI TALAS BENENG (Xantoshoma Undipes K. Koch) DENGAN PLASTICIZER GLISEROL PADA PEMBUATAN PLASTIK BIODEGRADABLE SOLUSI PENANGANAN LIMBAH PLASTIK

SUSILAWATI , AWAN MAGHFIRAH

2021

Penelitian Dosen Pemula

Pemanfaatan Pati Porang (Amorphophallus, Sp) Dan Kitosan Dalam Pembuatan Dan Karakterisasi Film Plastik Biodegradable

SUSILAWATI , AWAN MAGHFIRAH