

Table of Contents

Volume 31, Issue 12 — December 2024

Research Articles

1.

Fermentation Process Modeling Using Takagi-Sugeno Fuzzy Model in Botanical Systems

, Yuki Greco, Bjorn Marino

2.

Effects of Iron and Zinc Spray on Yield and Yield Components of Wheat in Drought Stress

Hans Laurent, Klaus Michel, Petro Kamara, Klaus Michel, Petro Kamara

Keywords: Iron Spray; Zinc Spray; Wheat Yield; Drought Stress; Yield Components; Micronutrients

3.

Effect of Environment to Sleep Efficiency in Thai Children

Freya Bondarenko, Kofi Ricci

Keywords: Sleep Efficiency; Thai Children; Sleep Environment; Night Sleep; Day Sleep; Pediatrics

4.

Impact of Climate Change on Alpine Plant Biodiversity and Ecosystem Services

Elena Morozova, Kofi Mensah, Aiko Tanaka, Sofia Ouedraogo

Keywords: Climate Change; Alpine Ecosystems; Plant Biodiversity; Ecosystem Services; Conservation Strategies

5.

Phytoremediation Potential of Aquatic Plants in Heavy Metal Contaminated Water Bodies

Sophia Martinez, Rajiv Gupta, Amina El-Hadad, Kofi Dlamini

Keywords: Phytoremediation; Aquatic Plants; Heavy Metals; Water Pollution; Bioremediation; Environmental Sciences

6.

Floral Diversity and Pollinator Interactions in Urban Green Spaces

Lila Fernandez, Akira Yamada, Priya Nair, Jens Müller, Rafael Taylor, Marco Bondarenko, Hans Eriksson

Keywords: Floral Diversity; Pollinators; Urban Ecology; Habitat Fragmentation; Ecological Interactions; Biodiversity Conservation

7.

Ecological Impacts of Earth Architecture: A Historical and Contemporary Analysis

Amina El-Sayed, Hiroshi Tanaka, Priya Nair, Elena Michel

Keywords: Earth Architecture; Sustainability; Environmental Conservation; Biodiversity; Climate Change

8.

Design and Implementation of Temporary Portable Power Supply

K.F. Yarn

Keywords: mobile phone, power bank, charging

9.

EFFECTIVE COMPENSATION FOR VICTIMS OF CRIMINAL OFFENCES ACCORDING TO ALBANIAN AND ITALIAN LEGISLATION

Sotir KLLAPI, Enerjeta SHEHAJ, Lirime CUKAJ

Keywords: Victim, Directive 2004/80/EC, compensation, effective remedies, special compensation fund.

10.

Comorbid Liver Diseases in Patients with Systemic Lupus Erythematosus

Toru Shizuma

Keywords: Systemic lupus erythematosus, Lupus hepatitis, Hepatitis virus infections, Autoimmune hepatitis, Primary biliary cholangitis