WULFENIA JOURNAL
KLAGENFURT, AUSTRIA
ISSN:1561-882X

Table of Contents

Volume 30, Issue 6 — June 2023

Research Articles

1.

Fuzzy Logic Improved Static Synchronous Compensator to Control Voltage of a Grid-connected Squirrel Cage Induction Generator

Yang Ramírez, Pierre Martínez, Ming Weber, David Karlsson

Keywords: Fuzzy Logic; STATCOM; Voltage Control; Power Systems; Reactive Power; Control Systems

2.

Impact of Climate Change on Alpine Plant Communities in the European Alps

, Roberto Melnyk, Lei Liu, Petro Suzuki

Keywords: Climate Change; Alpine Ecosystems; Plant Communities; Biodiversity; Conservation; European Alps

3.

The Determination of LC50 and Bioconcentration of Mercury Chloride (HgCl2) in Pikeperch (Sander lucioperca Linnaeus 1758)

, Chidi Savchenko, Robert Torres

4.

The Impact of Climate Change on Alpine Flora Diversity Using Cluster Analysis

Dr. Sofia Müller, Dr. Hiroshi Tanaka, Dr. Maria González, Mykola Diallo

Keywords: Climate Change; Alpine Flora; Biodiversity; Cluster Analysis; Conservation

5.

Impact of Urban Green Spaces on Biodiversity and Climate Resilience

Amina El-Sayed, Hiroshi Tanaka, Lucas Müller, Priya Patel, Marco Yang, Markus Schmidt, Victoria Anderson

Keywords: Urban Green Spaces; Biodiversity; Climate Resilience; Urban Planning; Sustainable Cities

---

6.

Investigating the relation between information literacy and

Ivan Wang, Alessandro Lindberg

Keywords: Information Literacy; Library Science; Research Skills; Education; Digital Literacy

---

7.

Investigation of Effective Parameters on the Electro Explosive Fuses Operation

Sofia Anderson, Marc Shevchenko, Hong Li, Luis Taylor

Keywords: Electro Explosive Fuse; Effective Parameters; Explosives; Engineering; Safety Systems

---

8.

Phytochemical and Biological Evaluation of CarduusgetulusPomel(Asteraceae) Naturally Growing in Arid Ecosystem

Suliman M. S. Alghanem

Keywords: Carduus getulus; Phytochemistry; Biological Evaluation; Asteraceae; Natural Products

---

9.

Discussion on Temperature of White Light LED Circuit Driven by Different Trigger Modes

K.F. Yarn

Keywords: White LED; Circuit Design; Temperature; DC Driving; Lighting Technology