

# Table of Contents

Volume 64, Issue 8 — August 2024

---

## Research Articles

---

1.

### **EFFECTS OF TOOL DESING ON CUTTING PERFORMANCE OF CHAIN CUTTERS**

Mustafa AYHAN

*Department of Mechanical Engineering, Istanbul Technical University, Turkey*

*Keywords: Chain cutters, Tool lacing pattern, Cutting performance, Cutting forces, Vibration*

---

2.

### **EVALUATION OF LAXATIVE ACTIVITY OF TRICHOSANTHES DIOICA ROXB**

Ashok Kumar BS, Mani Tripathi, S.N., Manoj, B., Kulashekar, K.S.,

*Department of Pharmacognosy, Banaras Hindu University, India*

*Keywords: Trichosanthes dioica, Laxative activity, Patola, Purgative.*

---

3.

### **Benzimidazole type of Fluconazole analogues as antimicrobial agents: QSAR approach**

Mukesh C. Sharma

*Department of Medicinal Chemistry, University of Delhi, India*

*Keywords: Benzimidazole, Quantitative Structure Activity Relationship (QSAR), Antimicrobial activity, multiple linear regressions*

---

4.

### **Preparation and characterization of solar selective absorber coating: Effect of different substrate**

Alexander Kim, Benjamin Park

*Department of Materials Science, University of Cape Town, South Africa*

*Keywords: Black chrome, different substrate, electroplating, absorber coating*

---

5.

### **Physical properties of fluorine-doped tin oxide thin films: Effect of the fluorine concentrations**

Daniel Rodriguez, Matthew Garcia, Elizabeth Moore

*Faculty of Physics, University of Melbourne, Australia*

*Keywords: Fluorine-doped tin oxide, fluorine concentrations, spray pyrolysis, SnO<sub>2</sub>:F*

---

6.

### **Matching Deming's and Juran's Total Works : A Suggested paradigm**

Moyassar I. Ahmed Aljuboury

*Department of Business Administration, University of Baghdad, Iraq*

*Keywords: contributions of Deming and juran, quality culture, quality management, TQM, paradigm,*

---

---

**Cithara Journal**

Published by Cithara Journal

<https://cithara-essays.com>