

Table of Contents

Volume 65, Issue 7 — July 2025

Research Articles

1.

Chemical Synthesis of Copper Nanoparticles

Hans Müller, Pierre Dubois

Department of Chemistry, University of Cape Town, South Africa

Keywords: Copper Nanoparticles, Synthesis, Chemical Reduction, Photochemical, Electrochemical, Thermal Decomposition

2.

Hierarchical Clustering with Simple Matching and Joint Entropy Dissimilarity Measure

Ahmet Mete Çilingirtürk, Özlem Ergüt

Department of Statistics, Istanbul Technical University, Istanbul, Turkey

Keywords: Categorical Data; Clustering; Dissimilarity; Entropy; Uncertainty Coefficient

3.

Structural Properties Of Tin Doped And Undoped Zinc Oxide Thin Layers

Razika TALA-IGHIL , Bilel LARAB, Samir BACHIR, Aicha IRATNI, Fayçal BENSOUICI, Mahdia TOUBANE, Amel SLIMANI

Department of Physics, University of M'sila, M'sila, Algeria

Keywords: tin doped zinc oxide, spray pyrolysis, zinc acetate precursor, photovoltaic application, undoped zinc oxide

4.

DISTRIBUTION PATTERN OF HORIZONTAL EQUIVALENT STATIC EARTHQUAKE LOADING FOR DOUBLE LAYER LATTICE DOMES

Marco Rossi, Lars Johansson

Department of Civil Engineering, University of São Paulo, Brazil

Keywords: Lattice Domes, Double layer, Space truss, Earthquake loading

5.

THE RELATIONSHIP BETWEEN E-SERVICE QUALITY AND RISK ATTITUDE OF ONLINE SHOPPING, AND CUSTOMER SATISFACTION

Hadri Kusuma
Accounting Department, Faculty of Economics, Islamic University of Indonesia
E-Mail: hkusuma@uii.ac.id
Tel: +62-274-881546: fax: +62-274-882589
Dara Kumala Arumbuana
Accounting Department, Faculty of Economics, Islamic University of In
Accounting Department, Faculty of Economics, Islamic University of Indonesia, Indonesia

Keywords: E-Tailing, E-Services Quality, Risk Attitude, Customer Satisfaction, Purchase Intention

6.

Evaluation of factors affecting SMEs export financing by fuzzy model

Erik Nielsen, Yuki Tanaka, Min-Jun Park, Wei Zhang

Department of Applied Sciences, National University of Singapore, Singapore

Keywords: Export, SMEs, Fuzzy Delphi, Fuzzy DANP, Linear assignment

7.

Evaluation of certain attractive and repellent baits under laboratory conditions to improve rodent control

Abd El-Aleem S.S.Desoky
A. Maher Ali
K. H. Abdel-Gwad
A. A. Nafady

Department of Agricultural Engineering, Cairo University, Egypt

Keywords: anise, black pepper, coriander, cumin, jejoba seed, oshar leaf, neem leaf, yeast

8.

QUALITY LEADS TO SUSTAINABILITY IN BUSINESS

ANIL BARIK

School of Business, Indian Institute of Management, India

Keywords: Sustainability, Quality, Bbusiness, Manufacturing, Management

9.

Predation efficacy of *Menochilus sexmaculatus* Fabricius (Coleoptera: Coccinellidae) against rose aphid, *Macrosiphum rosae* under laboratory condition.

Muhammad Saleem¹, Dilbar Hussain², Habib Anwar⁴, Muhammad Saleem³, Muneer Abbas¹

Department of Entomology, University of Agriculture Faisalabad, Pakistan

Keywords: Zig zag beetle, Rose aphid, Predatory efficacy, Biological control

10.

Novel Displacement Transducers for Magnetic levitation System

Dr Mrunal Deshpande, Dr B.L. Mathur

Department of Mechanical Engineering, Indian Institute of Technology Bombay, India

Keywords: Magnetic levitation system, position sensors, synchronous demodulation, resonance technique.

11.

An Investigation to Identify Areas of Bullying in School Where Bullying Takes Place

Hafiz Muhammad Inamullah, Jehangir Shah, Muhammad Irshadullah, Salma sami

Department of Psychology, University of Peshawar, Pakistan

Keywords: bullying, harassment, areas of bullying, schools, Khyber Pakhtunkhwa

12.

Selection of different Okra genotypes against jassid, *Amrasca biguttula biguttula* (ishida) (Homoptera: Cicadellidae).

Dilbar Hussain ¹, Salma Sultana¹ , Tayyba Sultana¹ , Farhat Jabeen¹, Muazzma Akhter¹ and Amjad Ali ²

Department of Plant Protection, University of Agriculture, Faisalabad, Pakistan

Keywords: Okra, genotypes, selection, jassid, HPSI.

13.

Accountable financial management role of parent-members in rural School Governing Bodies

Mokwebo Azwidowi Aubrey, Phatlane Rakgadi

Department of Educational Management and Policy Studies, Faculty of Education, University of Pretoria, South Africa

Keywords: accountability, decentralisation, delegation, finance committee, financial prescripts, no-fee public ordinary schools, school financial management, school governing body, treasurer.

Cithara Journal

Published by Cithara Journal

<https://cithara-essays.com>