Peer Reviewed

Open Access

International Journal of Experimental Research and Review (IJERR)
© Copyright by International Academic Publishing House (IAPH)
ISSN: 2455-4855 (Online)
www.iaph.in

ISSN 2455-4855

Special Vol. 40 (2024)

TABLE OF CONTENTS

Navigating the Frontiers of Science: Exploring Biological Science, Sustainable Technologies and Intelligent Management Strategies

Article No.	Name / Authors	Page No.
Vol. 40 - 1	**African Swine Fever Disease Risk Assessment Using Multi-Criteria Decision Analysis: An input for GIS-Based Risk Mapping** Grace Dipiao Bulawit, Thelma Domingo Palaoag and Benjamin Enriquez Bulawit Jr	01-10
Vol. 40 - 2	**A FTIR Evident-Based Exploration of the Antioxidant Activity of Five Threatened Cactus Species** Sheerin Bashar, Naga Jogayya Kothakota, Satheesh Ampolu, Nisruti Anuja, Venkata Kalyan Kanakala and J. Chandrasekhar Rao	11-23
Vol. 40 - 3	**E-commerce Adoption and Sustainability with SMEs – An Advanced Bibliometric Analysis** Suraj Kumar and K Francis Sudhakar	24-40
Vol. 40 - 4	**Pneumonia Detection through Deep Learning: A Comparative Exploration of Classification and Segmentation Strategies** Vishnu Kumar Mishra, Megha Mishra, Ashish Kumar Tamrakar, Thurimella Srikanth, Talaisila Ram Kumar and Anoop Kumar	41-55
Vol. 40 - 5	**Predicting Student Academic Performance Using Neural Networks: Analyzing the Impact of Transfer Functions, Momentum and Learning Rate** Mini Agarwal and Bharat Bhushan Agarwal	56-72
Vol. 40 - 6	**An Approach for Efficient and Accurate Phishing Website Prediction Using Improved ML Classifier Performance for Feature Selection** Anjaneya Awasthi and Noopur Goel	73-89
Vol. 40 - 7	**Impact of Agronomic Zinc Biofortification on Yield Attributes, Yield and Micronutrient Uptake of Rice (*Oryza sativa* L.) in Southern Odisha** Swarnajit Pal, Tanmoy Shankar, Sitabhra Majumder, Rahul Adhikary and Subhajit Pal	90-103
Vol. 40 - 8	**Security and Privacy for Smart Transportation Management using Big Data Analytics** Govindasamy. R., Shanmugapriya. N. and Gopi. R.	104-116
Vol. 40 - 9	**Deep Learning Models for Accurate Diagnosis and Detection of Bone Pathologies: A Comprehensive Analysis and Research Challenges** Harshit Vora, Seema Mahajan and Yogesh Kumar	117-131
Vol. 40 - 10	**Mitigating SAD States and Maladaptive Coping in Law Enforcement: Enhance Emotional Competence** Abhishek Sharma, Ekta Yaduvanshi , Ankita Sharma and Proshanto Kumar Saha	132-141
Vol. 40 - 11	**Ethno Medicinal, Phyto-Chemical and Physico-chemical Characterization of Selected Endangered Medicinal Plants of Indravati National Park, Bijapur, Chhattisgarh, India** Sharda Darro and Naureen Shaba Khan	142-150
Vol. 40 - 12	**Detection of Pleuro Pulmonary Blastoma using Machine Learning Models** Raswitha Bandi and T. Santhisri	151-163
Vol. 40 - 13	**Systemic Regulatory Abnormalities in Glycemic Control and its Relation with Depression - A Cross-Sectional Study** Aravindh M, Shabeeba Z Kailash and Kailash Sureshkumar	164-175
Vol. 40 - 14	**Effectiveness of an Information Booklet on the Awareness of Antimicrobial Resistance (AMR) among Health Care Professionals in a Selected Primary Care Hospital** Sasikala Palayan, Karthika Devi Mariappan, Kavitha Ramanathan, Shenbaga Sundaram Subramanian and Fadwa Alhalaiqa, Ghadeer Ghazi Alahmadi and Subhi Mustafa Qawagzeh	176-182
Vol. 40 - 15	**A Cross-Sectional Study to Analyze the Physical and Cognitive Fatigue Due to Sleep Disruption Among Shift Workers in Tamilnadu** Vimala Rani Swaminathan, Archana Rajasundaram and Sasikumar Santhoshkumar	183-190
Vol. 40 - 16	**Impact of Pulmonary Rehabilitation on Fatigue and Quality of Life in Patients of Interstitial Lung Disease** Cottadiyil Remi Issac, Chandrasekar Sundaram, Meenakshi Narasimhan and Sridhar Rathinam	191-199

This work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.

Vol. 40 - 17	**Apoptosis: From Oncogenesis to Oncotherapy** Kalpataru Halder	200-216
Vol. 40 - 18	**Securing the Data Using an Efficient Machine Learning Technique** Pinkal Jain and Vikas Thada	217-226
Vol. 40 - 19	**Evaluation of Pulmonary Status of Post-Tuberculosis Patients with Spirometry and Chest X-Ray** Mukti Mondal, Kaushik Sarkar and Goutam Paul	227-234
Vol. 40 - 20	**Antidiabetic Potency of Flavonoids Using a Systematic Computer-Aided Drug Design Platform** Deepankar Rath, Gurudutta Pattnaik, Biswakanth Kar, Gopal Krishna Padhy, Chandrasekhar Patro and Pallishree Bhukta	235-244
Vol. 40 - 21	**Secondary Metabolite Fingerprinting and Antioxidant Potency of *Eleusine indica*: An Integrated Chromatography and In-silico Investigation** Tapan Kumar Sahu, Nityananda Sahoo, Gurudutta Pattnaik, Himansu Bhusan Samal, Amulyaratna Behera and Biswakanth Kar	245-255

This work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.