

Table of Contents

Volume 62, Issue 2 — February 2022

Research Articles

1.

An Empirical Study on the Relationship between Market Orientation and Functioning of Small and Medium-sized Companies via Competitive Advantage and Marketing Innovation in Ardebil Province

Aysel Ercis , Sevta unal , Ugur Gullulu, Behnam Shadi Dizaji , Maryam Bakhshi , Zeinab Bahmany

Department of Business Administration, Istanbul University, Istanbul, Turkey

Keywords: market orientation, competitive advantage, innovation, marketing

2.

An Analysis of Life Satisfaction, Psychological Well-Being and Leisure Satisfaction in University Students Doing Exercise as Leisure Activity

Hudverdi Mamak

Department of Psychology, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

Keywords: Quality of life, well-being, leisure satisfaction.

3.

Evidence on antimicrobial activity of Sodium dichloro-bis[N-phenyl-5-chlorosalicylideneiminato-N,O]ruthenate(III) against gram positive bacteria

Emira Kahrovic, Sabaheta Bektas, Emir Turkusic and Adnan Zahirovic

Department of Chemistry, University of Tuzla, Tuzla, Bosnia and Herzegovina

Keywords: Antimicrobial activity, Bacillus, E. faecalis, MRSA, Ruthenium, Schiff bases

4.

Assessment of Water Resources Utilization Efficiency Based on Variable Fuzzy Set Method in Yinchuan Plain,China

Liang Qiao,Hui Qian, Peiyue Li, Lin Lu, Xuedi Zhang

Department of Environmental Science, Zhejiang University, Hangzhou, China

Keywords: water resources management, water resources utilization efficiency, variable fuzzy set method, Yinchuan Plain

5.

Performance analysis and comparison of automatic generation control techniques for four area interconnected system

Preeti, Veena Sharma, Ram Naresh

Department of Electrical Engineering, Indian Institute of Technology Delhi, India

Keywords: Automatic generation control; optimal control; genetic algorithm tuned PID; four area power system; diverse sources

6.

Cascadable voltage-mode universal biquadratic filter with three input terminals using current conveyors and all grounded passive components

Jiun-Wei Horng, Chang-Ming Wu, Norbert Herencsar, Jaroslav Koton, Kuang-Ting Huang, Ting-Yuan Teng

Department of Electrical Engineering, National Taiwan University, Taiwan

Keywords: Current conveyor, Biquadratic filter, Active circuit, Voltage-mode.

7.

Effect of Microstructure and Mechanical Properties of 304L Stainless Steel Joints by GTA Welding

Amudarasan,Palanikumar,Shanmugam

Department of Mechanical Engineering, Anna University, Chennai, India

Keywords: Austenitic stainless steel; Gas tungsten arc welding; Mechanical properties; Microstructure;\nScanning electron microscope.
