## Asia-pacific Journal of Convergent Research Interchange

ISSN: 2508-9080 Vol.7, No.12, December 31, 2021

## **Table of Contents**

## **Emerging Computing and Engineering**

Deep Neural Network Structure Design for Equipment Failure Prediction in Smart Factory
Sung-Bong Jang
The Effect of Virtual Users' Autonomous Social Behavior on Atypical Architectural  Design in the Design Studio
Yun Gil Lee
Factors Influencing Smart Device Acceptance in Korea: Application of a Modified  Technology Acceptance Model
Joon-Ho Lee
Dynamic Band Allocation Method of XGS-PON System Using Time Sliding Window  Traffic Prediction
Man Soo Han
A Study on The Influence of Artificial Intelligence Research on The Development of Information Security Research

Tai-hoon Kim

## **Digital Business and Economics**

Application of Blockchain Technology in Agricultural Products' Traceability System · · · 55
Hai-Shui Yan, Jun-Won Yang, Hyung-Ho Kim
Diffusion and Adoption of Smart Media in China
Sang-Hyun Hwang, Joon-Ho Lee, Ying Hu
Humanities and Sociology based Technology
Awareness of Lifestyle and Independence of Parasite Singles
Hyun-Ju Kim, Jeong-Moo Hurh
A Study on the Correlation of True Love and Christianity through the Examination of the Inter-Textuality of the Bible and Toni Morrison's Song of Solomon
Mia Kim
Emotional and Art Technology
Efficient Plan for Art Transaction Through Non Fongible Token(NFT)
Kyoohoon Jo, Jeongmin Ko
Health Economics, Science and Technology
University Student Health Behavior Study on COVID-19
Jae-hee Kim, Jeong-ju Hong

Effect of Grip Training through Proto-type Silicone Dynamic Wrist Devices on Grip
Strength and Wrist Flexor Tension in Chronic Stroke Patients 125
Daehwan Lee, Jungho Lee
Education Science and Technology
Exploring the Pygmalion Theory for Dance Education
Seohee Yoon, Sookwang Choo
The Impact of the Learner's Meta-ability Changes on Interpersonal Relations with Teachers under COVID-19: A Lens of Computer-mediated Communication
Soon-jeong Cho, Dong-hyun Lee
Exploring the Three-Dimensional Predictors of College Student's Major Fit Based on the SAFE model
Chang Kyoung Kang, Chang Hoon Seog
Welfare and Silver Technology
A study on Career Adaptation of Career Interrupted Women Using National Competency Standard Career Development Education
Im-Sun Park, Mi-Na Lee, Dong Il Kim
A Case Study of Group Counseling for the Individuation of Middle-aged Women ···· 185
Joo Hyun Shin, Eun Sil Kim
A Study on National Competency Standard Career Education for Middle-aged Male Retirees

Jae-kwan Jung, Dong-il Kim, Mi-Na Lee

In Sook Kim, Sun Hee Park