Table of Contents

IT Convergence -based Research

Spatial analysis using R based Deep Learning .............................................................. 1
Se-Jeong Park, Seong-Muk Choi, Hong-Jae Lee, Jong-Bae Kim

A Study on Green IT Evaluation Indicators ................................................................. 9
Young-Mo Kang, Hyeon-Kyung Lee, Kyeong-Seok Han, Jong-Bae Kim

Kinect based Distance Measurement and Error Analysis ........................................... 21
Bok-Jin Oh, Doo-Hyun Choi

A Study on the Application of Stereoscopic Depth Value in VR HMD ..................... 31
Ho-Jun Son, Jung-Ho Kim, Seung-Hyun Lee, Alaric Hamacher, Soon-Chul Kwon

Design and Simulation of a Platform Technology for the Mobile WiMAX-based Micro Grid
Home Network System using OPNET Simulation ......................................................... 41
Jun-Ho Huh, Seung-Mo Je, Kyungyong Seo

Improvement of mobile main-memory database recovery systems .......................... 51
Kwang-Keun Lee

Development of the Ordering System by CMOS ...................................................... 63
Shin-Sim Kang, Hyun-Sug Cho, Jea-Yong Lee

Applicability Verification of Rotary Wing UAV for Rapid Construction of Geospatial
Information ..................................................................................................................... 73
Joon-Kyu Park, Min-Gyu Kim

Healthcare-based Research

An Analysis Study on Correlation Between Dual-income Family and Internet Addiction of
Children ......................................................................................................................... 81
Woo-Chun Jun

Inhibitory effects of vinblastine on abnormal vascular smooth muscle cell proliferation .... 89
Yong Lim
The Effects of Smart-phone Use Experience on Emotion Regulation and Attention Concentration of Young Children ................................................. 97

Joeng Kyoum Kim, Young-Sik Kang

Comparative Study on the Stress and Attitudes in Nursing Students after Anatomy Cadaver Practice ................................................................. 111

Jungkyung Kim, Youngjin Kim, Eunae Burm

Analysis on the Mitigation Effect of Colored Noise on Depression .............................................................. 123

Hyung-Woo Park, Myung-Jin Bae

Role of Self-efficiency in the Career Activities of Marriage Immigrant Women ......................................................... 131

Hyekyeong Nam, Myung Lee, Jinhee Kim

Development and Effectiveness of Applied Art Psychological Counseling Program for Family Care-giver of Elderly with Dementia ........................................ 141

Su-Lim Kim, Suk-Jung Han

Feminine about their right to work, assistance of a disability policy analysis ........................................ 151

Yeo-joo Jung, Jeong-Suk Kwon

Development of optimal models in health subcenter through integrating management of health subcenter & primary healthcenter and expansion of role ........................................ 159

Young-Ju Jee, Hyun-Hwa Hong

Education-based Research

An Analysis on Reading and Writing Teaching Practices and Needs of Elementary Special Education Teachers ........................................................................ 169

Eun-Jung Kim,Soon-Gil Park, Sung-Yong Ryu

The Effects of Nursing Communication Curriculum .................................................................................................................. 181

Mi-Ryon Lee,Youn-Kyoung Kwag

Problem solving & Critical Thinking between Instructor and Senior Debriefing in Simulation Education for Nursing Students ........................................................................ 191

Eun-hee Choi, Youn-Kyoung Kwag

An Impact Analysis Study on Mathematics Academic Achievement of Flipped Learning for Elementary School Students ........................................................................ 201

Jeong-Su Choi, Woo-Chun Junl

A Research into Applicability of NCS for North Korean Defectors .................................................................................. 211
So-Young Kim, Young-Mim Lee
The Relationship between Critical Thinking, Ego resilience and Nursing Professionalism among Senior Nursing Students ................................................................. 219

Hyang-Suk Kang, Young-Sil Kang, Yu-Mi Kim
A Study on Subjective Well-being, Social Support and Self-esteem of Teachers - Focused on Preservice Early Childhood Teachers in Busan ................................................................. 231

Seung-Hwa Jwa, Jeong-Jin Youn, Hae-Jung Lee
ICT Utilization and Problem Solving Skills : Based on the Analysis of PIAAC Data .................. 239

Soo-Young Lee
An Examination of the Process of Professional Socialization of Medical Students .......................... 251

Son-Hwan Choi
Effects of Learning Style on Self-Directed Readiness of Student in Problem-Based Learning ........ 261

Sun-Young Kim, Soo-Jin Kim
The Effects of Young Children’s Forest Play Program ................................................................ 271

Mi-Na Lee, Young-Ae Kim
The Inter-ministries Linkage Method Comparison of Elementary Care Policy Fields in Korea and Japan, and Implications for The Elementary Child Care Classroom of Korea ..................... 279

Soo-Dong Kim, Yeong-Mo Jeong
Relationship between Applying Subject Based English Teaching based on Flipped Learning Method and Middle School Students’ English Academic Achievement ...................................... 289

Young-Seon Kim, Ji-Eun Kim
Development a Competency-Based Training Program for Elementary Robotics Teachers by using the DACUM Chart .................................................................................. 299

Jin-Ok Kim, Gwangyeol Park, Jinsoo Kim
Construction of B-Learning Model as New Paradigm for Improvement on e-Learning Satisfaction ....................................................................................................................... 309

Rack-In Choi, Chong-Ki Jung
Analysis of Social Presence, Cognitive Presence, Teaching Presence in the Mobile vs. Blended Educational Community of Inquiry ................................................................. 319

Jeeyoung Won
Analysis of the direction and features of Health Education curriculum under the 2015 revised curriculum .................................................................................................................. 329

Kyoung-Hwa Song, Hyun-Seok Kang
IT Fusion Global Education Methods for Fostering Global Teachers ................................. 341
Ju-Young Kang, Seong-Baeg Kim, Sang-Chul Kwon

Machine and Material-based Research

Design of Auxiliary Rescue Inverter System ........................................................................... 351
Hae-Chan Park, Il-Song Kim

Business based research

A Study on the Public Financial Actual Condition of Micro Enterprises ................................. 361
Man-Su Kang, Jin-Sung Bae

Determinants of Cost Stickiness in Accounting Firms ............................................................... 371
Seok-Young Lee

Effects of the Beauty Industry Worker’s Communication Styles on Rapport and Customer
Satisfaction ................................................................................................................................. 383
Sun-Hee Lim, Yong-Min Kim

Culture Content-based Research

Effects of Work–Family Conflict on Life Satisfaction and Job Satisfaction: Path Analysis using
Self-esteem and Positive Emotion .............................................................................................. 397
Hoe-Chang Yang, Hee-Young Cho

Proof by Contradiction of Creative Research’s Contradiction Resolution and the Representation
with the Butterfly Diagram ......................................................................................................... 407
Jung Suk Hyun, Chan Jung Park

The Influence of Income on Cultural Activity Participation and Use of Cultural Facilities –
Centered Around Visitors of Social Welfare Centers – ............................................................ 417
Hyeong-Seok Seo, Sung-Jae Jo

A Comparative Study on the Poetics of Park Yong-chul and Jeong Ji-yong ............................. 429
Yeong-cheol Eum

A Study on the Co-evolutionary Appeared in the Music Video and Media Development ....... 439
Kee-Jung Barng

Jeong Mok Seo