# Table of Contents

**Education based Convergent Research**

1. The Effects of Learner-Centered Flipped Learning on the Communication Ability, Problem-solving Ability and Learning Objective Achievement Competency of College Students ................................................................. 1  
   Jinsoo Kan, Meesook Shin

   Dong-Il Kim

3. Proposal of a dedicated civil service system for vitalizing lifelong education .......... 27  
   Dong-Il Kim

4. The Implication of Carl Orff’s Thought of Music Education on Character Education in early Childhood ........................................................................................................................................... 37  
   Byung-Hee Kim, YuRa Kim

5. A Study on the Content Area of Social Studies in Literacy Curriculum ................. 45  
   Sahoon H. Kim

6. A Study on the Development of Ballet Learning Program for children's correct posture ........................................................................................................................................... 53  
   Soyeon Kim, Sookwang Choo

7. Analysis of the Effect of Self-Determination on University Life Performance .......... 63  
   Soo-Kyung Kim

8. A Hierarchy of Abstractness on the Article System of English ................................ 71  
   Yong-Myeong Kim

9. The Effect of Participating in Learning Community Activity of Engineering Students on Cognitive, Affective and Behavioral Domain of Self-Directed Learning Ability .......... 81  
   Chungyun Kim
10 The Effect of Brain Education-Based Personality Program on Elementary School Students' Self-esteem and Friendship ................................................................. 91
    Chang-kyu Kim, Ju-Won Oh

11 Researching of an Experienced Therapeutic Horse Riding Instructor and a Disabled Rider' Learning Experience ................................................................. 101
    Tae Jong Kim

12 College Students’ Attitude toward Intelligence: In Comparison between Intelligent Quotient (IQ) and Multiple Intelligence (MI) Curriculum ........................................ 117
    Pyong Ho Kim

13 Pre-service Teachers’ Recognition of Teaching Anxiety: Focusing on its Impact on Ego-resilience and Teaching Efficacy ....................................................... 127
    Hye Yoon Kim, Pyong Ho Kim

14 A Study on the Curriculum Usage Pattern of Pre-Service Teachers -Based on Elementary Music Class Teaching Demonstration ........................................ 137
    Mihae Ryu

15 Reforming Moral Competence Test and Algorithm of C-index ............................ 147
    Gyun Yeol Park

16 Development of Board Game for Integrity Education Using Moral Dilemma ............. 159
    Gyun-Yeol Park, Byong-Sam Jung, Eun-Sook Seo

17 A Comparative Study on Mimetic Desires of the Characters in the novels of ‘A Midsummer Night’s Dream’ and ‘The Girl on the Train’ ...................................... 171
    Sukyung Park, Munkoo Kang

18 Smartphone Addiction and Uses of High School Students .................................. 179
    Jongmin Park, Mun-Koo Kang

19 A Lesson Plan and Effectiveness of Literary Translation Class ............................. 191
    Joo-Eun Park

20 The Effect of Brain Education-based Personality Program on the Character Index of Middle School Students ................................................................. 205
    Hae-kyong Park, Ju-won Oh
21 The effects of play activists’ training education process on their playfulness and efficacy in play teaching ................................................................. 215
   Hyeonjeong Son, Yeunok Kim, Jeomhee Kim, Heejoung Kim, chinkyeong Ahn
22 Case Study of the Effects of Study Hours In the Design Thinking Classes ........ 225
   Eun-Joo Oh
23 Correlation between childcare teacher’s personal variables, personality, and child abuse prevention behaviors ......................................................... 235
   Lee, Yong-Joo, Cho, Suk-Young
24 Cultural Analysis of 5th-grade Elementary English Textbooks Based on National Curriculum revised in 2015 -focused on race, gender, multi-cultural elements- .......... 245
   Lee, Hae-kyoung
25 Literature Review in Multicultural Studies: Focused on Special Education .......... 255
   Seyoung Jang, Sanghee Lee
26 Education toward ‘The Human’ in the Posthuman Era ........................................ 269
   Hyejin Jang, Seoyoung Shin, Chang-Un Park
27 Idle Classroom Status and An Analysis of Stakeholders’ Perception on the Utilization of Space: Based on the case of Gyeonggi-do Office of Education ................... 281
   Yeong-mo Jeong, Jun-young Yoon
28 A Study on Music Appreciation Activity through Analysis of Music Textbook in National Common Curriculum .......................................................... 291
   Jaeun Jeong, Mihae Ryu
29 Analysis of research trends on ‘integrated education’ for infants with disabilities published in Korean journals by 2018 ...................................................... 301
   Suk-Young Cho
30 The Effect of Emotional Intelligence on Teacher Efficacy of Early Childhood Teachers ......................................................................................... 313
   Soon-ok Joo, Sung-je Cho
31 A Study on the Influencing of Family Background and Cultural Activities on the Interests and Achievement of Art, Music and Physical Education for Middle school students .................................................................................. 325
   Kyung-Hoon Han, Su-Jeong Han
32 A Study on the Elementary School Teachers’ Perception of Play Art and Teaching Methods for Children’s Problem Behavior through Play Art Activities

Young-Sook Ham

33 The Implication of Young Children’s Physical Activity Based on Choson Confucianism

JiAe, Hwang, SungJae, Kim

**Culture Content based Convergent Research**

34 Does morality evolve in Nietzsche?

Reoy-Won Kwon

35 Violent Video Game and Physical Aggression of a Game player

Gyoung Mo Kim, Dae-Young Lee

36 A Study on the effect of the Introduction of Radio to the Industry Effected by the Introduction of Radio

Yena Park, Kyunghoon Han

37 Intermediality in Edward Weston’s Photographs for Leaves of Grass

Jin-Ho Shim

38 A Study for Effective Marketing Communication Strategy using Disability Sports Event: Focused on the 2018 PyeongChang Paralympic Winter Games

Ahra Oh, Kyungjin Kim

39 Comparison of Determinants of Cosmetic Purchasing According to Execution Experience after Viewing Beauty YouTube

Jeong-Sun Oh, Hee-Ja Go

40 The Narrative Structure of the Libretto Using Greimas Semiotics – Focusing on Il barbiere di Siviglia

Pilsang Yoon

41 A Historical Literature Review on the Records of Korean Anchovies

Kyung-Joo Lee, Hojong Kwon, Dae-Yul Jeong

42 Differences Between Body Cathexis and Appearance Management Behavior of Women Residing in Cebu, Philippines

A-Young Choi, Jung-Won Kim
Healthcare based Convergent Research

43 Effects of Music Therapy in the Patients undergoing Coronary Angiography ……… 471
   Sunkyung Kwak, Mikyung Park

44 Factors Affecting Depression in Elderly According to Economic Activity ………… 485
   Myoungjin Kwon

45 Development and Evaluation of Education Materials to Promote Adaptation of
   Multi-cultural Women to Rearing –Focusing on the Basic Key Concepts during Parenting–
   …………………………………………………………………………………………………………………………… 497
   Kyungwon Kim

46 Effects of Nursing Recording Education Focusing the Legal Aspects on the Nurses’
   Knowledge, Confidence and Education Satisfaction in a Local Hospital ……………… 509
   Nanhui Kim, Yeonim Park, Youngsung Lee, Youngran Yang

47 Effects of the Body Image, Satisfaction in the role Performance of Mothers and
   Postpartum Depression of Mothers’ …………………………………………………………………… 523
   Boni Kim

48 The Effect of Nurses’ Job Involvement and Emotional Labor on Their Intention to
   Leave Focusing on Shift Nurses ………………………………………………………………………….. 535
   Bo mi Kim, Hee yeon Kim

49 Mediation Effect of Emotional Intelligence between Empathic Ability and Nursing
   Performance of Nurses ………………………………………………………………………………………… 545
   Young Sook Kim

50 Oral Health Status of Adult Workers by Oral Health Care Interest and Importance
   …………………………………………………………………………………………………………………………… 557
   Ye–Hwng Kim, Jung–Won Yun

51 The effects of Body Image and Self–efficacy on Obesity Stress: Focusing On Female
   College Students …………………………………………………………………………………………………… 565
   Hee yeon Kim

52 The Effects of Role Conflict and Subjective Well–being on Turnover Intentions of
   Nurses with Preschool Children ………………………………………………………………………………… 575
   Nam Hyo Yeon, Lee Ji Won
<table>
<thead>
<tr>
<th></th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>53</td>
<td>Effects of the Cognitive Rehabilitation Program Education on Dementia Attitude and Geriatric Nursing Self-Efficacy</td>
<td>589</td>
</tr>
<tr>
<td></td>
<td>Young-Sun Park, Young-Ju Jee</td>
<td></td>
</tr>
<tr>
<td>54</td>
<td>The Effects of Simsang(Imaginary-Oriented)-Poetry therapy on the Psychology and Emotion of the Homeless</td>
<td>603</td>
</tr>
<tr>
<td></td>
<td>Bak Jeong-hye, Joung Mi-hwa</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>A Survey of Horticulture Preference of Nursing Students for Horticultural Activity Program Development</td>
<td>615</td>
</tr>
<tr>
<td></td>
<td>Hyun-Jung Park</td>
<td></td>
</tr>
<tr>
<td>56</td>
<td>Influence of Self-esteem, Resilience, and Interpersonal Competence on College Life Adjustment in College Students</td>
<td>627</td>
</tr>
<tr>
<td></td>
<td>Hyo Jin Park, Eun Kyung Byun, Hyun Joo Yang</td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>Effects by incivility experienced and clinical practice stress of nursing student on career identify</td>
<td>637</td>
</tr>
<tr>
<td></td>
<td>Hee-Mo Yang, Yun-Jeong Lee, Kyoung-Ju Lee</td>
<td></td>
</tr>
<tr>
<td>58</td>
<td>The Nurse's Experience in Caring for Tuberculosis Patients</td>
<td>649</td>
</tr>
<tr>
<td></td>
<td>You Soo-Ok, Jo Hyun-Mi</td>
<td></td>
</tr>
<tr>
<td>59</td>
<td>The Effects of Hospice Practice Education on Hospice for Nursing Students</td>
<td>663</td>
</tr>
<tr>
<td></td>
<td>Me-Ok Yoon</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>A Study on the Developmental Implications of Clinical Practice through the Patient Experience narratives of Nurses</td>
<td>675</td>
</tr>
<tr>
<td></td>
<td>Lee Na Kyoung</td>
<td></td>
</tr>
<tr>
<td>61</td>
<td>Factors Influencing on Natural Therapy Methods for the Prevention of Recurrence After Myomectomy of Women in Metropolitan Areas</td>
<td>689</td>
</tr>
<tr>
<td></td>
<td>Seong-Ran Lee</td>
<td></td>
</tr>
<tr>
<td>62</td>
<td>Prognosis Factors Related to the Improvement of Treatment Through Health Information in Patients with Prostatic Hyperplasia</td>
<td>697</td>
</tr>
<tr>
<td></td>
<td>Seong-Ran Lee</td>
<td></td>
</tr>
<tr>
<td>63</td>
<td>Clinical nurses’awareness and learning needs of education of Core Basic Nursing Skills</td>
<td>705</td>
</tr>
<tr>
<td></td>
<td>Yun Bok Lee, Yeon Ja Kim</td>
<td></td>
</tr>
</tbody>
</table>
64 Attitude Toward Falls, Caring Behaviors for Fall Prevention, and Risk Perception on Caregivers Who care for Patients with Dementia ............................................................... 717
Yun-Bok, Lee, Jung-Ha, Park

65 The Effects of Stress Self-Management Education Program on Stress, Coping and Life Satisfaction of Community-based Elderly ................................................................. 727
So Jung Lim, Kyung Hee Shon, Nam Hee Kim

66 The Effects of Nursing Managers’ Authentic Leadership and Nurses’ Psychological Well-being on Organizational Commitment as Perceived by Nurses ............................................. 743
Mihee Chung, Sujeong Han

67 A Content Analysis of the Nursing College Student’s Experience in the Lab Self-training .......................................................................................................................... 757
Hyo-ju Jung

68 A Study on the Workplace Bullying of Nurse ................................................................. 767
Heeyoung Jung, Hwan Hui Sim, Hee Jin Woo, Dong Hyeon Lee, Na Eun Kim

69 Effects of Occupation Reminiscence Therapy on the Cognitive Function and Self-Esteem in the Elderly with Dementia ................................................................. 781
Yoo-Im Choi

70 Empirical Values of Danjeon Breathing through Related Studies Analysis ............... 791
Sangmee Han, Dongho Lim

71 Effecting Factors on Cardiopulmonary Resuscitation Self Efficacy in Nursing Students ......................................................................................................................... 805
SeungHee Han

72 The Effect of food intake type to immersion while the professional golf players’ rounding ......................................................................................................................... 815
Ki-Seon Hwang, Min-Ki Lee, Joo-Hyung Lee, Jae-Sung Park

Welfare based Convergent Research

73 An Exploratory Study on the Application of Problem-Based Learning (PBL) in Social Welfare Subjects – Focusing on the Demand Survey Plan – ............................................. 827
Donghoon Kang
74 A Study on the Characteristic of the Language Processing of Aphasia Patients in Confrontation Naming Tasks ................................................................. 839
Min-Gu Kang

75 A Study on the Characteristics of the Psychological Factors of Stuttering Speaker ........................................................................................................... 847
Min-Gu Kang

76 Impact of Family Strength on Image of Marriage ...................................... 855
In Kang

77 Effects of College Students’ Social Comparison Orientation on Life Satisfaction through materialism ................................................................. 865
Kyoungmi Kim

78 A Study on the Experience of Job Retention for the Worker with developmental disabilities ..................................................................................... 875
Keoung Yeol Kim

79 The Symbolic meaning analysis of water in sandtray therapy cases .......... 885
Kyung-Hee Kim

80 The Effects of Job stress on Job satisfaction in Social workers: Focused on the Mediating Effects of Self-efficacy ...................................................................... 897
Ki-Hyeon Kim

81 The Effects of Care Workers’ Family Function and Health Behavior on their Happiness (Focusing on U-city) ................................................................. 917
Mi Jung Kim

82 The Effect of Care Workers’ Old Age Preparations on their Life Satisfaction ................................................................. 927
Mi Jung Kim, Jea Ug Ko

83 The Effect of Emotional Coaching Group Program for Prevention of School Violence in Adolescents ................................................................. 937
Mi-Hee Kim, Mi-Na Lee

84 The mediation effect of self-efficacy related to the working environment, and job stress of long-term care institution caregiver .............................................. 951
Min-Hwa, Kim, Hee-Taek, Yang
85 A Qualitative Case Study on Social Support that Children From Multicultural Family perceive and experience ................................................................. 963
Sung-Su, Kim

86 Study on the depression of spouse caregiver and care recipient ....................... 973
Eunkyung Kim

87 Development of Walkability Search System .................................................. 987
Bun Jung Kim, Donghyeok An

88 The Effects of Emotional Intelligence and Social Intelligence on Creativity and Academic Achievement ......................................................... 999
Eunhee Kim

89 The Effects of Brain Education based Elderly Depression Reduction Program on Self-esteem, Life Satisfaction and Depression ................................. 1013
Il-Sik Kim, Ho-chan, Seo

90 A Study on the Effect of Marriage Values and Willingness to give birth of Female University Students ................................................................. 1025
Ji-Young Kim, Young-Chun Kim

91 The Moderated mediation effect of Self-compassion and Shame on the relationships between Attachment and Paranoid personality traits ......................... 1041
Hae-Kyung, Kim

92 Relationship between Self-Differentiation, Mindset, and Resilience of university Students .............................................................................. 1059
Hyeong Soo, Kim

93 Development and Effect of University Life Adaptation Program for University Students with Disabilities ................................................................. 1071
Sung-Ju Park, Sook-Hee Cho

94 A study on the relationship between Foreign Workers’ communication capacity and Korean life adaptation .............................................................. 1081
Hyun-Suk, Park

95 A study on the Recognition and types of dating abuse ..................................... 1091
Hyun-Suk, Park, Hee-taek Yang
The Effect of social worker's job environment and empowerment on organizational commitment .......................................................... 1101
JinYoung Bok, Byeong-Il Rho

Fundamental Study on Development of Dyslexia Group Program –For Students with Emotional Behavior– .................................................. 1111
Mi-Ran Sun, Mi-Na Lee, Dong-Il Kim

The Effects of Family Relationship Stress and Self-Identity on Family Health in Multicultural Families .................................................. 1121
Eun-Young, Son, Ho-Chan, Seo

The impact on the wealth level about elderly health –Mediated effects of family relationship satisfaction– ........................................... 1133
Woon-Yong Song, You-Hee Do

Improvement Directions and Tasks for Local Welfare for Local Governments and Social Welfare Community Welfare Program in Decentralization: Focusing on Gyeonggi-do .......................................................... 1145
Shin Kyung-an

The Effects of Self-Identity on Life Satisfaction of the Elderly Living Alone –Mediation effect of social participation type– ......................... 1155
Shin Kyung-an

The Study of College Students’ Smart Phone Dependency Effect: focusing on Memory, Judgment and Communication .......................... 1167
Moonhee Yang, NoMi Lee

A Study on the Elements and Principles of Social Work Practice based on Pestalozzi’s Educational Thought ........................................... 1179
Kyong-Jun, Lee

Analysis on Research of Conduct Disorder in Korea ............................................. 1193
Mi-Ryon Lee

The differences of discrimination Experience according to Socio-demographic Characteristics, Health Characteristics, and Disability Characteristics of Adults with Disabilities .......................................................... 1203
Young Ran Lee, Yun-Jeong Kim
106 The Effects of Self-esteem, Self-regulation, and Empathy on Happiness of Undergraduate Students .................................................................................................................. 1213
Yong-joo Lee, Gap-jin Oh

107 A Study on the Influence of Volunteers' Motivation and Relationship on Quality of Life ........................................................................................................................................ 1223
Jong un, Lee, Eun Hee, Lee

108 A Study on the Development of Cognitive Behavioral Therapy Model based on Five Mind Elements ................................................................................................................................ 1231
Tae-Hyung, Lee, In-Sun, Hyun

109 Effects of the Integrative Play Therapeutic Counseling Program on the Self-control ................................................................................................................................. 1243
Young-Hee Cha

110 An Exploratory Study of the Need for Individualized Education for Children At-Risk for Disabilities Attending General Daycare Centers and Necessary Resources as Perceived by Child Care Teachers ......................................................................................... 1255
Sun-Kyoung, Choi

111 A Study on the Effects of Influencing Factors on Bereaved Elderly Women’s Healthy Life ........................................................................................................................................ 1265
Su-Jeong Han

112 Relationships among Emotional Intelligence and Job Seeking Anxiety, Major Satisfaction and Career Decision-making Self-Efficacy of University Students ................................................................................................................................. 1283
SeungHee Han

113 Parental Dependent Adult Child Generation’s Lifestyles and Future Perspectives of Family Relations ........................................................................................................................................ 1295
Jeongmoo Hurh

114 A Study on the Methodology of Making Voice explanation of Art for the Blind ........................................................................................................................................ 1305
Tae-lim Hong, Jun Dong Cho
Infomation Technology based Convergent Research

115 Two-way interaction between social network service (SNS) and social network game (SNG) users ................................................................. 1321
   Dae-Hyoun Ki, Chang-Hoon Park

116 A study on the technical vulnerability checklist of digital MFP for applying detailed risk analysis methodology ................................................. 1331
   Kyohyeog Kim, Jaeho Lee, Bongnam Noh

117 Implementation of realistic deep breathing training contents for anger control ......................................................................................... 1347
   Jae-Beom Kim, Yong-Jun Kweon, Jee-Sook Lee, Chang-Hoon Park

118 Design of Intelligent Control System based on PPG Sensor ........................................... 1357
   Tae-Yeun Kim, So-Wol Yoo

119 Analysis and Improvement of Linear-Based Edge-Triggered D Flip-Flops Using Quantum-Dot Cellular Automata ........................................ 1371
   Duck-Kyu Seo, Jun-Cheol Jeon

120 Development of a UAV Object Tracking OpenCV for Smart Security ................. 1383
   Symphorien karl Yoki Donzia, Haeng-Kon Kim

121 Effective Evaluation on Urban road Collision Risk based on VANET .................. 1395
   Symphorien karl Yoki Donzia, Haeng-Kon Kim

122 Analysis and Improvement of QCA RAM Cells Using Multiplexers and 5-Input Majority Gates ................................................................. 1407
   Sang-Hyeon Yoon, Jun-Cheol Jeon

123 Implementation of Personalized Fashion Coordinating Apps ............................... 1417
   Jae-ryun Lee, Joong-Hyuk Chang

Business based Convergent Research

124 An empirical analysis of earnings management in Korean firms ........................ 1429
   Jaisik Gong

125 A Study on factors of affecting on Residential attatchment of Chinese pre-retiree ..................................................................................... 1439
   Wenxi Tang, Kyeongeun Cho, Hyekyong Choi
126 A Study on the Management Efficiency of Internal Control System on IT Compliance Activities ................................................................. 1447
   Jae Kwon Bae

127 A Study on R&D Network Topologies: Based on Textile Fibers in Korea ....... 1457
   Chang Hoon Yang

128 Effect of Pay Dispersion on Firm Performance .................................................. 1467
   Seok-Young Lee

129 A Study on the Change of Population Centroid in Daegu ............................... 1479
   Jae-Il Jang

Architecture based Convergent Research

130 A Study on the Deterritorialization to Correctional Facilities .......................... 1489
   Young Hwa Kim, Hoon Kang

131 A Study on the Architectural Planning Based on the Concept of the Palette for the Interaction with the Urban Context -The Teheran Office Building Plan ......................... 1499
   Tae-Sik Kim, Donghyeog Choi

132 Developing a BIM-based technology for evaluating the performance of barrier-free in the architectural design process .............................................................. 1509
   Yun Gil Lee

133 A Study on the Feng Shui Geography Thought in the Folding Architecture of Peter Eisenman ......................................................................................... 1517
   Yong-Man Lim, Hoon Kang