

Contents

—Papers—

Research on trends in regional disaster prevention plans in municipalities of HokkaidoKazuhiko Hosokawa, Toshiaki Yamagata, and Tsukasa Tomabechi	1
Evaluation of the physiological biomarkers in students with stress by heart rate variabilityTomokazu Indo, Sora Yanase, Yuto Shibuya, Karen Ikeda, Eruma Nomiya, and Minoru Nakamura	7
Fundamental Study on Estimation of Vessel Inner Diameter Using Arteriovenous Fistula Transillumination SystemMasataka Kitama, Taishin Tomatsu, Hideaki Kamiyama, Yoshitaka Ito, Yohichiro Kojima and Koichi Shimizu	15
Reflection on Practical Implications for Social Sciences; Examining the Relationship between Karl Marx's Commodity Fetishism and Karl Popper's Oedipus Effect (Absurdity)Tanikawa Toshiro	23

—Research Reports—

Development of a Seminar Website using AWSNobuyuki Sugio, Koumei Arasawa, Shun Matsukawa, Akihiro Suzuki, and Hiroki Matsuzaki	31
Development of Ventilation Management by Expanding Thermal Environment Adjustment SystemYuji Fukai	39
Survey and Analysis of Enrolled Students about Basic Information EducationYuji Fukai	47
A Review of Public Health Nursing Technology for Parents' and Children's HealthYoshiko Mizuno and Michiko Matsubara	55
Object Detection Using 3DCGTakayuki Komatsu	63
Song Analysis Based on Data ScienceTakayuki Komatsu	71
The Study on the Vibration Characteristics Evaluation and Analytical Method of FRP Laminated Composite PlatesDaisuke Narita and Yoshiaki Ohta	79
Expectation Gap due to the Auditors' OverlookingJun Hiyama	87
Report of the 3 Contiguous Workshops; About Regional Contribution by HUSJunko Michio, Naohito Kimura, Shigeru Takamura, Sayuri Ehara, Akihiro Kotani, and Toshifumi Sakai	95

A Study on the History of Japanese School Education after World War II -Focus on the Educational System and Course of Study-	Kazuhiro Aoyama	99
History and Future Tasks of Information Literacy from the Viewpoint of the Course of Study for Informatics	Akira Kanazawa and Mitsuji Tsuge	113
Current Situations and Issues of Vocational Guidance and Career Education in Technical High Schools	Akira Kanazawa and Koichi Tanaka	121
An Overview on the Activities in the English Textbooks Used in Elementary Schools: Based on Multiple Intelligences	Ono Yoshiyasu	127
A Report on the Introductory Pages of Lessons in the English Textbooks Used in Junior High Schools	Ono Yoshiyasu	135

—Educational Practice Reports—

Survey of understanding of mixture changes in injectable drugs through application of basic science	Kazuhide Nakahara, Kiyoshi Takahashi, and Kayoko Takeda	145
Approaches to the practical study of projects and policies in “Healthcare Welfare Policy”	Michiko Matsubara, Yoshiko Mizuno, Takako Miyata, and Masahiro Hamaya	151
Report of Industry-Academia Collaboration Project “Students×Lipovitan D”	Junko Michio, Koji Wakame, Kenichi Komatsu, and Megumi Ikari	155
Report of Industry-Academia Collaboration Project “Social×SANSO Planning Contest”	Junko Michio	159