Journal of the Ergonomics Society of Korea

대한인간공학회지 · 한국연구재단 등재학술지

Vol. 36 No. 5 October 31, 2017

CONTENTS

355 Investigating Ten-Finger Text Entry on Tablet PCs

Seungho Choi, Kyeongjin Park, Kyungdoh Kim

A Case Study on Designing a Console Design Review System Considering Operators' Viewing Range and Anthropometric Data

Woo Chang Cha, Eun Gyeong Choi

385 Designing Effective Virtual Training: A Case Study in Maritime Safety

Jinki Jung, Hongtae Kim

395 The Optimization of the Number and Positions of Foot Pressure Sensors to Develop Smart Shoes

Sihyun Yoo, Hojong Gil, Jongbin Kim, Jiseon Ryu, Sukhoon Yoon, Sang Kyoon Park

411 The Gender Difference in the Occupational Hazards and Injuries of Cleaning Workers and Janitors

Chang Lyul Choi

421 A Review on Autonomous Vehicles Focused on Human Factors

Hee-Sok Park

437 An Examination of an Efficient UI of Smartphone Home Screen Structure

Jinhae Choi

447 Analysis of Collision Risk Perceived by Ship Operators in Ship Collision Risk Situation

Dae Sik Kim, Jeong Bin Yim

459 Effects of Traffic Signals with a Countdown Indicator: Driver's Reaction Time and Subjective Satisfaction in Driving Simulation

Joonho Chang, Kihyo Jung

467 A Human Factors Approach for Aviation Safety

Dae Ho Kim

485 Comparison of Systemic Accident Investigation Techniques Based on the Sewol Ferry Capsizing

Dohyung Kee

499 A Review of Ergonomic Researches for Designing In-Vehicle Information Systems

Jin Hae Yae, Jong Gyu Shin, Jong Ha Woo, Sang Ho Kim

525 Maritime Officers' Strategies for Collision Avoidance in Crossing Situations

Seung Kweon Hong

535 Factors Affecting the Recovery of Pilots +Gz Tolerance

Myunghwan Park, Cheolkyu Jee, Cheonyoung Kim, Hyeonju Seol

Risk Factors and Safety Measures for Ginseng Cultivation Work - An Examination Study to Develop Contents of Safety Education for Ginseng Farmers

Yong-Ku Kong, Inseok Lee, Kyung Suk Lee, Kyeong-Hee Choi, Da-Yeong Kang, Juhee Lee

559 Managerial Factors Influencing Dose Reduction of the Nozzle Dam Installation and Removal Tasks Inside a Steam Generator Water Chamber

Dhong Ha Lee

The Accuracy of Subjective Rating of Grip Strength Associated with Target Force Levels

Yong-Ku Kong, Donghyun Park, Kyeong-Hee Choi, Jae-Min Shin, Juhee Lee, Jun-Hyub Lee

579 Analysis of Workload of the Domestic Coastal Ship Duty Officer to Prevent Marine Accidents

Young Hoon Yang, Hongtae Kim, Junhyuk Jang

589 The Effects of Work Characteristics of Grapes-harvesting Tasks on the Wrist and Elbow Angles

Jihye Kim, Inseok Lee

Suggestion of a Method to Assess the Risk Level of Agricultural Works Considering Work Posture and Working Time

Hee-Sok Park, Yun Keun Lee, Hyocher Kim, Kyungsuk Lee