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專長/ 工程專案管理、工程資訊管理及企業資訊規劃、營建財務管理

Construction Automation & Robotics, Construction Financial Management

Construction Estimating & Scheduling, Project Performance Evaluation

期刊論文(Refereed Papers)

A. SCI 之期刊論文

1. Han-Tang Huang, H. Ping Tserng, Rwei-Yu Hou, Mirosław Skibniewski (2021), "Wireless Sensor Network-Based Monitoring of Bridge Pile Foundations for Detecting Scouring Depth," Journal of Marine Science and Technology, Vol. 29(1), pp.73-88. (SCI)
2. Tserng, Hui-Ping, Cho, I-Cheng, Chen, Chun-Hung, Liu, Yu-Fan, (2021), "Developing a Risk Management Process for Infrastructure Projects Using IDEF0," SUSTAINABILITY, Vol. 13(12). (SCI)
3. Tserng, H. -Ping, Chou, Cheng-Mo, Chang, Yun-Tsui, (2021), "The Key Strategies to Implement Circular Economy in Building Projects-A Case Study of Taiwan," SUSTAINABILITY, Vol. 13(2). (SCI)
4. H. Ping Tserng, Meng-Hsueh Lee, Shang-Hsien Hsieh & Hsiang-Ling Liu, (2016) "The measurement factor of employee participation for Knowledge Management System in engineering consulting firms," Journal of Civil Engineering and Management, 22:2, 154-167.

B. 其他期刊論文

1. 周瑞生、歐昱辰、曾惠斌、陳瑞鈴、蔡綽芳、張人傑 (2019), 「臺灣私有建築物耐震評估補強經費之財務供需規劃暨其配套措施研議」, 營建管理季刊。一百零八年, 第 111 期, 頁 16-38。
2. 周瑞生、歐昱辰、曾惠斌、陳瑞鈴、蔡綽芳、吳昀臻、陳育銘 (2019.06), 都會區私有建築物震損評估與耐震補強成本效益分析-以臺南市幸福及維冠金龍大樓為例, 中國土木水利工程學刊, 第 000 卷, 第 0 期, 000-000。(接受刊登)
3. 林聰能、曾惠斌, "污水管推進施工障礙排除-以中利污水下水道工程第二期為例", 地下管道期刊, 第 39 期, 2018

研討會論文(Conference Papers)

1. 萬有為、曾惠斌(2021)，”模矩式設計與營建工程之研究探討 -以偏遠外離島工程為例”，第 25 屆營建工程與管理學術研討會，2021 年 7 月 16 日。(獲最佳論文獎)
2. 曾惠斌、林東儒(2021)，”無線監測橋梁掏刷系統之量測流程及數據分析初步研究”，第 25 屆營建工程與管理學術研討會，2021 年 7 月 16 日。(獲優等論文獎)
3. 賈啟敏、曾惠斌(2021)，”論工程技術服務契約之定性及時效- 以規劃設計監造契約為對象”，第 25 屆營建工程與管理學術研討會，2021 年 7 月 16 日。(獲優等論文獎)
4. Bitokov Timur, Ching-Wei Chen, Hui-Ping Tserng, Xiu-Zhen Huang, (2021), “Critical Success Factors in International Project Finance Transactions,” The 25th Symposium on Construction Engineering and Management / International Conference, July 16, 2021, Taipei, Taiwan. (Outstanding Paper Award)
5. Chia-Ming Liu, Jyun-Ping Jhan, Hui-Ping Tserng, (2021), “Applying Mobile Mapping System for Bridge Deck 3D Reconstruction and Deformation Measurement,” The 25th Symposium on Construction Engineering and Management / International Conference, July 16, 2021, Taipei, Taiwan. (Outstanding Paper Award)
6. 黃進平、曾惠斌 (2021)，”以賽局理論為決策基礎導入營建工程用地侵界風險管理之研究-以統包工程捷運連通道為例”，第 25 屆營建工程與管理學術研討會，2021 年 7 月 16 日。
7. 林仁熙、曾惠斌 (2021)，”情事變更原則中「非當時所得預料」於工程領域認定之研究-以實務判決為例”，第 25 屆營建工程與管理學術研討會，2021 年 7 月 16 日。
8. 賈啟敏、曾惠斌(2021)，”政府採購法第 101 條第一項第六款之研究”，第 25 屆營建工程與管理學術研討會，2021 年 7 月 16 日。
9. 呂震業、曾惠斌(2021)，”工程顧問公司導入實獲值管理之研究-以執行專案管理(PCM)服務為例”，第 25 屆營建工程與管理學術研討會，2021 年 7 月 16 日。
10. Chuang, Kun-Yen, Hui-Ping Tserng, (2021), “Study on the Weather Impact of Construction Schedule of Taiwan Offshore Wind Farm Foundations,” The 25th Symposium on Construction Engineering and Management / International Conference, July 16, 2021, Taipei, Taiwan.
11. 林聰能、曾惠斌(2020)，資訊科技於橋梁工程施工之應用-以三鶯大橋第一期工程為例，第 24 屆營建工程與管理學術研討會，2020 年 8 月 5 日。(獲最佳論文獎)
12. Hung-Yi Chen*, Sy-Jye Guo, Jen-Hao Liu, Hui-Ping Tserng (2020), “Impact of Weather on the schedule of Offshore Wind Farm Turbines Installation in the Taiwan Strait,” 2020 International Conference on Innovative Computing and Management Science, July 29-31, 2020, Yilan Taiwan
13. Chi Ming ChiaChyi Heng Teh Wei-Cheng Chen Hui-Ping Tserng (2020), “Workload Evaluation of Elevated Operation in Construction Worksite Using Continuous Heart Rate Monitoring”, 2020 International Conference on Innovative Computing and Management Science, July 29-31, 2020, Yilan Taiwan
14. Cheng-Mo Chou and Hui-Ping Tserng(2020). “The Core Competence of the Project Manager in a Consultant Company via the Transaction Cost Perspective and its Better Learning Path.”, The 24th Symposium on Construction Engineering and Management (SCEM 2020), August 5, 2020, Taipei, Taiwan
15. Cheng-Mo Chou and Hui-Ping Tserng(2020). “Comprehensive Evaluation of Circular Economy in the Implementation of Taiwan's Public Building Construction Engineering.”, The 24th

Symposium on Construction Engineering and Management (SCEM 2020), August 5, 2020, Taipei, Taiwan.

16. 鄭其恆，陳維政，曾惠斌,(2019), 以現場連續心率監測評估高架作業環境工作負荷, 第 23 屆營建工程與管理學術研討會(SCEM2019), 台中.
17. LIN C.N. , CHEN W.T. , CHEN S.H. , TSERNG H.P.(2019). 「 Construction risk management of shield disassembly in Taiwan metropolitan area- study on the Taiwan Power Company "Daan 345kV bulk power transmission cable lines project " 」 , The 18th Symposium On tunnel and Underground Engineering Academic and Technical , Nov 2 ~3 2019 , China , Chongqing.
18. Wei-Cheng Chen, Yu-Chin Lin, and I-Chun Chen, “ Quality Control Factors of CIPP Construction Management for Water Main Rehabilitation”, International No-Dig 2019 37th International Conference and Exhibition, 30th Sep. – 2nd Oct. 2019, Florence, Italy.
19. Wei-Cheng Chen, Hui-Ping Tserng Ph.D. Josh Huang Ph.D.,” A Novel IoT System Application Development of Using Wearable PPG Heartrate Monitor Devices to Improve Safety Management for Shield Tunnel Construction Project”, International No-Dig 2019 37th International Conference and Exhibition, 30th Sep. – 2nd Oct. 2019, Florence, Italy.
20. Wei-Cheng Chen, Hui-Ping Tserng Ph.D., Josh Huang Ph.D, “A Novel Solution of Workload Management Based on Tunnel Worker’s Physical Status Using Wearable PPG Heart-Rate Detection Wristband and BLE IoT System”, 19th International Conference on Construction Applications of Virtual Reality, November13-15, 2019, Bangkok, Thailand.
21. Jing-Xian Lin, Guan-Ren Wang, and Hui-Ping Tserng, ”Development on Monitoring and Alarm System of Scaffold Collapse”, The 32nd KKHTCNN Symposium on Civil Engineering, October 24-26, 2019, Daejeon, Korea.
22. Tsai-Ning Yang, Wei-Cheng Chen and Hui-Ping Tserng, ” The Correlation between Job Stress and Heart Rate Variability of Engineers in Engineering Consultant Companies”, The 32nd KKHTCNN Symposium on Civil Engineering, October 24-26, 2019, Daejeon, Korea.
23. Kun.Yi.Chen, Wei.Cheng.Chen and Hui.Ping.Tserng, ” Application of PPG Wristband on Fatigue and Stress Evaluation of Tunnel Construction Using Heart Rate Variability”, The 32nd KKHTCNN Symposium on Civil Engineering, October 24-26, 2019, Daejeon, Korea.
24. Wei-Cheng Chen, Jia-Sheu Huang and Hui-Ping Tserng, “A Novel Solution of Continuous Monitoring Tunnel Worker’s Physical and Psychological Status Using Wearable PPG Heart-Rate Detection Wristband and BLE IoT System”, 9th International Conference on Construction Applications of Virtual Reality, 13-15 November 2019, Bangkok, Thailand
25. Shiau-Jing Ho, Sheng-Lung Lin and Hui-Ping Tserng, “An Analysis Using Game Theory on the Investment Incentive of PPP Projects,” 34th International Symposium on Automation and Robotics in Construction (ISARC 2017), Taipei, Taiwan, June 28-30, 2017.
26. Will Y. Lin, Pao H. Lin and H. Ping Tserng, “Automating the Generation of Indoor Space Topology for 3D Route Planning Using BIM and 3D-GIS Techniques,” 34th International Symposium on Automation and Robotics in Construction (ISARC 2017), Taipei, Taiwan, June 28-30, 2017.
27. Yen-Ray Chen and H. Ping Tserng,” An Integrated Methodology for Construction BIM & ERP by using UML Tool,” 34th International Symposium on Automation and Robotics in Construction (ISARC 2017), Taipei, Taiwan, June 28-30, 2017.

專利成果

類別	專利名稱	國別	專利號碼	發明人	專利權人	專利期間
B	結構物即時安全 監測系統	台灣	M443724	韓仁毓、曾 惠斌、林致 廷	台灣大學	2012.12.21~2 022.7.15
B	變位監測系統	台灣	M443725	林致廷、曾 惠斌、韓仁 毓	台灣大學	2012.12.21~2 022.7.15