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Professor of Department of Accounting

Publications in SCI, SSCI, A&HCI, TSSCI indexed Journals

1. Lin, Jyh-Horng, Chang, Ching-Hui and Chen Shi (2021, 10, 6). “Risk-Averse Insurer Capped-Risk Sensitive Lending during the COVID-19 Pandemic”, *Emerging Markets Finance and Trade*. <https://doi.org/10.1080/1540496X.2021.1974392>, (SCIE). [BDS]
2. Jun-Kun Lin, Hung-Lung Lin, William Wang, Chung Yu, **Ching-Hui Chang** and Lin Chin-Tsai (2020, 5). “An Evaluation Model for Property-Purchasing Plans Based on a Hybrid Multi-Criteria Decision-Making Model”. *Mathematics* 2020. Vol. 8, Issue 6, 860. doi:10.3390/math8060860, (SCIE). [BDS]
3. **Ching-Hui Chang**, Nabendu Pal and Jyh-Jiuan Lin (2017, 11). “A Revisit to Test the Equality of Variance of Several Populations”. *Communications in Statistics-Simulation and Computation*, 46(8), 6360-6384, (SCI). [BDS]

Publications in Peer-Reviewed Journals

1. Chen-Lin Lu, Jyh-Jiuan Lin and **Ching-Hui Chang** (2022, 4, 1). Data Analysis Application of Machine Learning and Artificial Intelligence in the Covid-19 Pandemic - A Case Study of Airbnb Taipei in the Short-Term Rental Accommodation Industry, *Journal of Taiwan Intelligent Technologies and Applied Statistics*, Vol. 19, No. 2, 25-40. [BDS]
2. Jyh-Jiuan Lin, Gwei-Hung Tsai and **Ching-Hui Chang** (2020, 10). Machine Learning Applications for Learning Early Warning System in Taiwan, *Asian Journal of Information and Communications*. Vol. 12, No. 1, 77-89. [BDS]
3. Chih-Lin Wu · **Ching-Hui Chang** and Jyh-Jiuan Lin (2020, 7, 1) ° The Empirical Analysis of Assets Allocation Optimization Incorporating Copula Methods. *Journal of SHU-TE University*, Vol. 22, No. 2, 41-56. [BDS]
4. **Ching-Hui Chang**, Nabendu Pal and Jyh-Jiuan Lin (2019, 1) Testing First Order Autocorrelation: A Simple Parametric Bootstrap Approach to Improve Over the Standard Tests, *American Journal of Mathematical and Management Sciences*, <https://doi.org/10.1080/01966324.2018.1519475>. [BDS]
5. Gwei-Hung Tsai and **Ching-Hui Chang** (2018, 12). Using R to Analyze Poker Hand, *Journal of Computer Science and Educational Technology*, Vol. 8, No.1, 159-167. [TLS]

Advise Undergraduate Student to Win MOST Competitive Grant

1. Hui-Lun Cheng (2020, 7-2021, 2). Analysis on the correlation between employment choices and factors of consideration for accounting students.

Publications of Peer-Reviewed Conference Proceedings

1. Pei-Yuan Liao, Jyh-Jiuan Lin and **Ching-Hui Chang** (2022, 7). ESG-related ETF Investment Performance Evaluation Using ESG Rating Scores Based on Machine Learning Classifiers. *2022 International Joint Conference on Management, Economics and Finance*. Nantou: National Chi Nan University.
2. **Ching-Hui Chang**, Zi-Hao Zheng and Zi-Rul Zhang (2022, 6). A Study on the Performance of Stock Funds in Mainland China. *2022 The Contemporary Accounting Theory and Practice Conference*. Taipei: Ming Chuan University. [BDS]
3. Yu-Ting Cheng, **Ching-Hui Chang** and Jyh-Jiuan Lin (2020, 6, 5). Applications and Comparisons of Missing Data Imputation Methods in Taiwan Equity Markets. *2020 The Contemporary Accounting Theory and Practice Conference*. Taipei: Ming Chuan University. [BDS]
4. Jyh-Jiuan Lin and **Ching-Hui Chang** (2020, 5, 30). Asynchronous Long Distance Digital Learning Data and Exploratory Analysis of Factors Affecting Students' Academic Performance. *2020 International Conference On Universities of Innovation Teaching Demonstration*. Yunlin: : National Yunlin University of Science and Technology. [BDS]
5. Jyh-Jiuan Lin and **Ching-Hui Chang** (2020, 5, 8). Exploration and Analysis of Factors Influencing Academic Performance in Digital Learning. *2020 Symposium on Megatrends in Economics and Statistics*. Taoyuan: Ming Chuan University. [BDS]
6. **Ching-Hui Chang** (2020, 5, 8). An Approach of Approximation to the Sampling Distribution of the Sample Mean. *2020 Symposium on Megatrends in Economics and Statistics*. Taoyuan: Ming Chuan University. [BDS]
7. Jyh-Jiuan Lin, **Ching-Hui Chang** and Wen-Yu Chen (2019, 4). Commerical Data Analysis of the Short-Term Rental Market Development Trend in Taipei Tourism Industry. *2019 The 15th Cross-Strait Symposium on Applied Statistics*. TainanNational Cheng-Kung University. [BDS]
8. **Ching-Hui Chang**, Yu-Ting Yu, Yun-Ju Ma, Chia-Chi Chang and Yun-Chi Peng (2018, 6). Application of Multiple Criteria Decision Making: Choices of Financial Stocks. *2018 The Contemporary Accounting Theory and Practice*

Conference. Taipei: Ming Chuan University. [BDS]

9. Gwei-Hung Tsai and **Ching-Hui Chang** (2018, 5). R Software Poker Show Hand Model and Program Design. *2018 Open Source and Educational Technology Conference*. Taipei: Ming Chung University. [TLS]

Other Publications

1. **Ching-Hui Chang** (2022, 5) (reviewer). Scientific Thinking in the Age of Artificial Intelligence - The Beauty of Statistics. DeepMind Digital Company.