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Publication in SCI, SSCI, A&HCI, TSSCI indexed journals (2016/08 – present)

1. **Chih-Hao Yang** (2021, Oct). A Hybrid Optimisation Decision Model for a Smart Green Energy Industry Park: Exploring the Impact of the Carbon Tax Policy in Taiwan. *Computers & Industrial Engineering* (SCI), 160,107567. [BDS]
2. Hsu, Wei, **Chih-Hao Yang**, and Wen-Ping Fan. (2021). A Study of Patients' Willingness to Pay for a Basic Outpatient Copayment and Medical Service Quality in Taiwan. *International Journal of Environmental Research and Public Health* (SSCI) 18(12). 6604. [BDS](2021.6.19)
3. **Chih-Hao Yang***, Wei Hsu, Yong-Lin Wu (2021). A Hybrid Multiple Criteria Decision Portfolio with the Resource Constraints Model of a Smart Healthcare Management System for Public Medical Centers. *Socio-Economic Planning Sciences* (SSCI) 101073.(2021.5.18)
4. **Chih-Hao Yang***, Wen-Cheng Ku (2021). Optimization portfolio of IoT-based service information strategy toward financial sustainable for the smart airport: An integrated MCDM approach (TSSCI). *Journal of e-Business* (Accepted). [BDS]
5. **Chih-Hao Yang***, Kuen-Chang Lee, Shin-En Li (2020, Sep). A Mixed Activity-Based Costing and Resource Constraint Optimal Decision Model for IoT-Oriented Intelligent Building Management System Portfolios. *Sustainable Cities and Society* (SCI), 60,102142.
6. **Chih-Hao Yang***, Kuen-Chang Lee (2020, Feb). Developing a strategy map for forensic accounting with fraud risk management: An integrated balanced scorecard-based decision model. *Evaluation and Program Planning* (SSCI), Available online 7 February 2020, 101780.
7. Hui-Chiao Chen, **Chih-Hao Yang** (2019, Feb). Applying a multiple criteria decision-making approach to establishing green marketing audit criteria. *Journal of Cleaner Production* (SCI), 210, 256-265. [BDS]
8. **Chih-Hao Yang** (2018, Aug). An Optimization Portfolio Decision Model of Life Cycle Activity-based Costing with Carbon Footprint Constraints for Hybrid Green Power Strategies. *Computers & Operations Research* (SCI), 96, 256–271.
9. Kuen-Chang Lee, Wen-Hsien Tsai, **Chih-Hao Yang**, Ya-Zhi Lin (2018, May). An MCDM approach for selecting green aviation fleet program management strategies under multi-resource limitations. *Journal of Air Transport Management* (SSCI), 68, 76-85.
10. Wen-Hsien Tsai, **Chih-Hao Yang**, Cheng-Tsu Huang, Yen-Ying Wu (2017, Aug). The impact of the carbon tax policy on green building strategy. *Journal of Environmental Planning and Management* (SSCI), 60(8):1412-1438.
11. **Chih-Hao Yang***, **Shin-En Li**, **Wen-Shun Li**. (2017) A Study on the Relationships among Information Service Quality, Continuous Auditing, and Organization Performance - The case of National Defense Comptroller Cloud Information system, *Journal of*

Contemporary Accounting (TSSCI), 18(1), 55-77. [BDS]

12. **Chih-Hao Yang***, Kuen-Chang Lee, Hui-Chiao Chen (2016, Oct). Incorporating carbon footprint with activity-based costing constraints into sustainable public transport infrastructure project decisions. *Journal of Cleaner Production* (SCI), 133(1),1154–1166. [BDS]

MOST competitive grant

1. **Chih-Hao Yang** (2019), *Application of a Multi-Decision Model for Green Energy Chain Industrial Symbiosis Circular Economy Practice*, Ministry of Science and Technology, Taiwan.(2019/08/01-2021/11/30) (\$1,464,000)
2. **Chih-Hao Yang** (2018), *The driven of Green FinTech for Smart Sustainable City innovation development: A Study of an Optimal investment decision model and Machine Learning*, Ministry of Science and Technology, Taiwan. (2018/08/01-2019/07/31) (\$449,000)
3. **Chih-Hao Yang** (2016), *The evaluation of performance for Smart Energy Industry Development- An Optimal Energy-Mix Decision Model* , Ministry of Science and Technology, Taiwan. (2016/08/01-2018/07/31) (\$1,155,000)
4. **Chih-Hao Yang** (2015), *Modeling decision making for renewable energy power system and Activity-based management-oriented analysis of life cycle cost and benefit*, Ministry of Science and Technology, Taiwan. (2015/08/01-2016/07/31) (\$483,000)
5. **Chih-Hao Yang** (2014), *Incorporating Carbon Footprint with Activity-Based Costing constraints into Sustainable Public Transport Infrastructure Projects Decision*, Ministry of Science and Technology, Taiwan. (2014/08/01-2015/07/31) (\$478,000)

Publication of peer-reviewed conference proceeding

1. **Chih-Hao Yang***, Kuen-ChangLee, Yen-Yu Liu (2020, Nov). Robot Process Automation (RPA) strategic sourcing and critical success factors evaluation: A multiple criteria approach based on balanced scorecard. *2020 Taiwan Accounting Association Annual Conference and Asian Accounting Associations Conference*, 2020 TAA, Soochow University, Taipei, Taiwan.
2. **Chih-Hao Yang** (2019, Dec). The application of a multi-decision model for circular economy business model innovation for the green energy industry *The 20th Asia Pacific Industrial Engineering and Management System Conference* (APIEMS 2019), Japan.
3. **Chih-Hao Yang***, Kuen-Chang Lee (2018, Dec). Developing the strategy map for forensic accounting with fraud risk management: An integrated balanced Scorecard-based decision model. *2018 Taiwan Accounting Association Annual Conference and Asian Accounting Associations Conference*, Taiwan.
4. **Chih-Hao Yang** (2018, Oct). Integration of the Activity-Based Costing and Multi-Criteria Decision-Making Programming Decision Model into the Smart Healthcare Information Portfolio Strategy. *Asia - Pacific Management Accounting Association 2018 (14th) Annual*

Conference, Japan.

5. **Chih-Hao Yang** (2017, Dec). Development of intelligent building management system evaluation and selection for smart factory: An integrated MCDM approach. *2017 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM 2017)* , Singapore.

MOE competitive grant

1. **Chih-Hao Yang** (2020), *The effectiveness of forensic accounting information course: integration of innovative problem-based learning and team cooperation*, Ministry of Education, Taiwan. (2020/08/01-2021/01/31) (\$166,000)
2. **Chih-Hao Yang** (2019), *Application of Active Learning into Accounting Information Curriculum Design and the Discussion on Its Effectiveness- Teaching Practice of the Interdisciplinary Integration Course*, Ministry of Education,

Advise undergraduate student to win MOST Competitive Grant

1. Tsai, Hui-Hsuan, Integrating of digital forensic accounting and continuous computer auditing into NDCCIS strategy map, MOST109-2813-C-130-175-H, 2020/07/01 – 2021/02/28. (NT\$ 48,000) [AAS]
2. Tsai, Pei-Hsuan, The view of COBIT 5 for NDCCIS innovation analysis: the role of TOE , MOST 108-2813-C-606-009-H, 2019/07/01 – 2020/02/28. (NT\$ 48,000) [AAS]
3. Lai, Hsin-I, COBIT 5 and risk management-oriented for continuous computer auditing and organization performance: NDCCIS, MOST 107-2813-C-606-004-H, 2018/07/01 – 2019/02/28. (NT\$ 48,000) [AAS]
4. Liu, Pin-I, The relationship between risk management, internal control and organization performance for NDCCIS: the mediation of continuous computer auditing, MOST 106-2813-C-606-006-H, 2017/07/01 – 2018/02/28. (NT\$ 48,000) [AAS]
5. Hsieh, Cheng-Hsun, The IT Governance of NDCCIS for the analysis of COBIT 5, continuous computer auditing and organization performance, MOST 105-2815-C-606-013-H , 2016/07/01 – 2017/02/28. (NT\$ 48,000) [AAS]