

CHEN Hsing-Hung



Title: Professor
Faculty : School of Business
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Academic Qualification

2002-2006 PhD: Tsinghua University in China, Technology Economics
1990-1992 Master in Electrical Engineering.
1979-1983 Undergraduate in Electrical Engineering

Working Experience

2007-2010 Assistant Professor / Macau University of Science and Technology
2010-2015 Associate Professor / Macau University of Science and Technology
2015-present Professor / Macau University of Science and Technology

Teaching Activities

Financial Management, Fixed Income Securities, Managerial Economics, Derivatives, markets, and International Financial Management

Research Areas

Projects : New Energy, Semiconductor, Medical Devices, VR/AR/AI Application
Research : Financial Performance, Energy and Environmental Economics, and Sustainable Development, Technology Economics

Selected Publications

1. Chen, H.H., etc., Can upgrading information infrastructure improve the innovation ability of companies? Empirical evidence from China. Telecommunications Policy, 47, 2023, 102569.

2. Chen, H.H., etc., Exploring the relationships between environmental management and financial sustainability in the energy industry: Linear and nonlinear effects, *Energy and Environment*, 2020, Vol. 31(7) 1281–1300.
3. Chen, H.H., etc., Exploring the efficiency of new energy generation: Evidence from OECD and non-OECD countries, *Energy and Environment*, 2019, Vol. 31(3) 389–404.
4. Chen, H.H., etc., The Impacts of Social Responsibility and Ownership Structure on Economic Performance in Chinese Energy Industry, *Sustainability* 2018, 10, 301.
5. Chen, H.H., etc., The Impacts of Environmental Performance and Financing Decisions on Sustainability Development: from the Views of Chinese Environmental Protection Enterprises, *Sustainability* 2017, 9, 2260.
6. Chen, H.H., etc., Innovation Sources and Strategic Organizational Performances in Social and Cooperative Agrifood Firms of China, *Journal of Management and Organization*, January, 1-16, 2016.
7. Chen, H.H., etc., Decisions and Strategies of Exploitation and Exploration for Sustainable Competitive Advantages, *Knowledge Management Research & Practice*, 13, 198-213, 2015.
8. Chen, H.H., etc., The Fuzzy Conceptual Model for Selecting Strategic Energy Sources, *Energy Source, Part B: Economics, Planning and Policy*, 9(3), 248-255, 2014.
9. Chen, H.H., etc., Organizational Forms for Knowledge Management in PV Solar Energy Industry, *Knowledge-based Systems*, 23, 924-933, 2013.
10. Chen, H.H., etc., Strategic selection and Operations of Wind Farms, *Renewable Energy*, 2012, 34, 120-126.
11. Chen, H.H., etc., Operating NPD innovatively with different technologies and variant social environment, *Technological Forecasting and Social Change*, 2011, 75, 385- 404.

Major Conference Papers

Yuen, K. M., Zeng, F. (corresponding author), & Lo, C. K. Y. (2021). Sustainable communication and customer engagement on social media. In *Advances in National Brand and Private Label Marketing* (pp. 105–113). Springer International Publishing. (CPCI-SSH)

Other Professional Activities

2010~2012 Projects about the Balanced Models for Innovative Activities

2012~2014 Projects about Strategic Selection for Sustainable Development

2016~2017 Projects about Financial Performance for Diversified Business