

# 陳省宏



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## 教育背景

2002-2006 PhD: 北京清華大學, 技術經濟;  
1990-1992 Master 電機工程.  
1979-1983 Undergraduate 電機工程.

## 工作經驗

2007-2010 助理教授 / 澳門科技大學商學院  
2010-2015 副教授 / 澳門科技大學商學院  
2015-目前 教授 / 澳門科技大學商學院

## 教學活動

財務管理, 固定收益證券, 管理經濟學, 金融衍生, 國際財務管理

## 研究領域

項目：新能源, 半導體, 醫療器械, VR/AR/AI 應用  
科研：財務管理, 能源和環境經濟學, 可持續成長, 技術經濟

## 學術成果

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.

#### 學術研討會論文

#### 其他專業資格 / 獎項 / 活動

2010~2012 有關突破和漸近型創新活動的平衡模型研究

012~2014 有關新能源的戰略選擇及與經濟成長的相關性研究

2016~2017 有關新增投資及多元化業務與績效的相關性研究