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  - 中臺科技大學環境與安全衛生工程系副主任 (2010.08~2016.07)
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  - 逢甲大學能源與資源中心諮議委員 (2005.08~2010.07)
- ◆ 證照
  - ISO 14067 產品碳足跡查證建置人員(2013)
  - ISO 14064:2006 溫室氣體盤查導入及內部查證員 (2013.06)
  - ISO 50001 能源管理系統內部稽核員 (2013.05)
  - 能源管理員：生產性質行業 (2013)
  - 永續發展碳管理管理師 (2012)
  - 永續能源與資源管理管理師 (2012)
  - 缺氧作業主管 (2009)
  - 毒性化學物質管理訓練班結業證書 (1999.04)
  - 第一種壓力容器操作人員訓練班結業證書 (1998.06)
- ◆ 專利
  - 固定化產氫菌群進行生物產氫之方法 (中華民國)
  - 用於促進厭氧性生物產氫的方法 (中華民國)
  - Process for enhancing anaerobic biohydrogen production (USA)
- ◆ 專長
  - 生質能源
  - 廢水生物處理
  - 有機廢棄物能資源化
  - 能源管理
- ◆ 研究領域
  - 醱酵產氫
  - 厭氧消化
  - 生質丁醇
  - 微生物燃料電池
  - 微生物電解池
- ◆ 榮譽與獎勵
  - 榮獲中臺科技大學 105 學年度標竿典範導師
  - 榮獲中臺科技大學 104 學年度績優導師
  - 榮獲 2012 國科會補助大專校院獎勵特殊優秀人才
  - 榮獲 2011 國科會補助大專校院獎勵特殊優秀人才
  - 榮獲 2010 國科會補助大專校院獎勵特殊優秀人才
  - 榮獲 2008 化工傑作獎(台灣化學工程學會)

- 榮獲中臺科技大學 97 學年度標竿典範導師
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- 榮獲中臺科技大學 96 學年度績優導師

◆ 著作論文

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