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研究領域

1. 雲塵式智慧型系統
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3. 人工智慧與機器學習
4. 智慧物聯網應用
5. 智慧型自動化
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證照 / 證書

1. 副教授證書，副字第 040874 號
2. AutoML AI 人工智慧大數據分析師 (證書編號：TAIA-MB-0065-08152022)
3. 數位邏輯設計能力證照 (丙級) (證書編號：TDC090125)
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6. PVQC 專業英語詞彙能力國際認證 (專業級-Specialist Tier Four 證書編號：17A-PVQC-IC-S4-886031969)
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2. **Chung-Chi Huang**, Song-Yih Lin, Kuan-Chang Huang, Chung-Lin Huang, Rong-Hsu Lin, "Development of Intelligent Impurity Detection System for Magnesium Alloy Ingots Using Machine Learning Methods," The 12th International Multi-Conference on Engineering and Technology Innovation 2023 (IMETI2023), Taoyuan, Taiwan, Oct. 27 - Oct. 31, 2023.

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Conference on Engineering and Technology Innovation 2018 (IMETI2018), Taoyuan, Taiwan, Nov. 02 - Nov. 06, 2018.

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29. Cong-Hui Huang, **Chung-Chi Huang**, Kuan-Chen Lin, Tzu-Yuan Wang, Po-Chang Chen, "Design of Intelligent Wireless System with Fuzzy Technique for Indoor Comfort Environment," The Fifth International Multi-Conference on Engineering and Technology Innovation 2016, pp. SL6010, Taichung Taiwan, Oct. 28 - Nov.1, 2016.

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專書 / 著作

1. 無。

研究計畫
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2. 產學合作研究計畫『PM21 機台生產效能與品質異常之 AI 預警系統』(Y02-001-16287-220314.CH.220314-F) 共同主持人(2022/03-2023/02)
3. 行政院科技部研究計畫『學門主題式計畫：結合 5G 與工業邊緣雲、人工智慧、微服務之智慧自動化虛實整合系統發展與實現(2/2)』(MOST 111-2221-E-006-205-) 共同主持人(2022/08-2023/07)
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8. 行政院科技部產學合作研究計畫『健康促進之智慧型教練輔助系統研究』(MOST 104-2622-H-269-002-CC3)共同主持人(2015/06-2016/05)。
9. 行政院科技部研究計畫『太陽能發電最佳效能之智慧型診斷與維護系統』(MOST 103-2221-E-269-012-)主持人(2014/08-2015/07)。
10. 金屬中心學界協助中小企業科技關懷計畫『金屬製品之智慧型品質預測診斷系統設計開發』(PS101130683)主持人(2012/05-2012/10)。
11. 國科會研究計畫『智慧型車用節能充電加速裝置之研製』(NSC 100-2622-E-269-014-CC3) 共同主持人(2011/11-2012/10)。
12. SBIR 產學合作研究計畫『車用低損耗電壓調整器設計開發計畫』(南市 SBIR9904) 共同主持人(2010/07-2011/06)。
13. 國科會產學合作研究計畫『TPU 材料貼合加工製造系統之智慧型整合製造架構設計及實現研究 』 (NSC 99-2622-E-269-013- CC3) 主持人 (2010/06-2011/05)。
14. 財團法人成大研究基金會計畫『自動化光學對焦系統原理研究』(96s323)共同主持人(2007/12-2009/05)。
15. 國科會研究計畫『線馬工具機之伺服控制系統設計及製作(II)』 (NSC 94-2212-E-006-066-) 共同主持人(2005/08~2006/07)

產學服務
1. 兼任泓宥創新科技有限公司技術顧問
2. 兼任合吉利電子科技有限公司技術顧問
3. 擔任勞動部勞動力發展署全國技能競賽(類別:工業 4.0)之競賽裁判

專利發明
1. 雙軸式之智慧型太陽能裝置(中華民國專利證書新型第 M376735 號)。
2. 自行車用之風力發電閃光片(中華民國專利證書新型第 M375645 號)。
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4. 組接式車用排氣管(中華民國專利證書新型第 M385602 號)。
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7. 行車自動保溫裝置(中華民國專利證書新型第 401563 號)。
8. 電動馬桶刷(中華民國專利證書新型第 M401349 號)。
9. 寵物供水器(中華民國專利證書新型第 M407615 號)。
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11. 易於施力之開罐工具(中華民國專利證書新型第 M404847 號)。
12. 噴洗式馬桶(中華民國專利證書新型第 M404861 號)。
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14. 防洩氣之飲料架(中華民國專利證書新型第 M405224 號)。
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18. 具打火機之香菸盒(中華民國專利新型第 M411126 號)。
19. 摺疊式電池盒(中華民國專利證書新型第 M409547 號)。
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21. 電腦控制檯燈(中華民國專利證書新型第 M412315 號)。
22. 可發聲之充氣式警示三角錐(中華民國專利證書新型第 M412184 號)。
23. 具有一氧化碳偵測功能之手錶(中華民國專利證書新型第 M415379 號)。
24. 腳踏式搖杯器(中華民國專利證書新型第 M414914 號)。
25. 車內自動補氧裝置(中華民國專利證書新型第 M415828 號)。
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30. 道路積水警示器(中華民國專利證書新型第 M425795 號)。
31. 窗戶自動開關機構(中華民國專利證書新型第 M421371 號)。
32. 水位警示裝置(中華民國專利證書新型第 M426053 號)。
33. 多用途吊扇(中華民國專利證書新型第 M430221 號)。
34. 多用途置杯架(中華民國專利證書新型第 M430421 號)。
35. 奶瓶加熱保溫裝置(中華民國專利證書新型第 M430983 號)。
36. 數位問神裝置(中華民國專利證書新型第 M440810 號)。
37. 自動收被床(中華民國專利證書新型第 M440706 號)。
38. 複合功能之掃把(中華民國專利證書新型第 M447204 號)。
39. 具有餵食記錄之飼料罐(中華民國專利證書新型第 M447375 號)。

40.防湯汁灑出之夾鍋器(中華民國專利證書新型第 M447194 號)。
41.具有偵測重量並提醒起床之床墊(中華民國專利證書新型第 M447150 號)。
42.複合功能之掃把(中華民國專利證書新型第 M447204 號).
43.可伸縮收納之廣告站牌(中華民國專利證書新型第 M441185 號).
44.自動收被床(中華民國專利證書新型第 M440706 號).
45.汽車影像辨識警報系統(中華民國專利證書新型第 M455935 號).
46.瓦斯用量顯示裝置 (中華民國專利證書新型第 M452282 號).
47.可遇水發電之救生衣(中華民國專利證書新型第 M454982 號).
48.安全把手(中華民國專利證書新型第 M457050 號).
49.自動捲收之遮蔽裝置(中華民國專利證書新型第 M454710 號).
50.具壓縮衣物功能之背包(中華民國專利證書新型第 M454766 號).
51.具送風功能之曬衣裝置(中華民國專利證書新型第 M455026 號).
52.具有驅蟲功能之掛鐘(中華民國專利證書新型第 M455184 號).
53.自動輔助穿衣裝置(中華民國專利證書新型第 M475234 號).
54.水溫控制太陽能板(中華民國專利證書新型第 M464625 號).
55.可保鮮食品夾具(中華民國專利證書新型第 M469844 號).
56.紅綠燈投射角度改良結構(中華民國專利證書新型第 M464781 號).
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58.具音樂胎教波動音樂盒巾(中華民國專利證書新型第 M470358 號).
59.改良式爆米花盒(中華民國專利證書新型第 M452936 號).
60.具升降構造之插座(中華民國專利證書新型第 M475048 號).
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63.農藥用水桶水量指示標幟(中華民國專利證書新型第 M463044 號).
64.除臭垃圾桶(中華民國專利證書新型第 M474726 號).
65.可攜式馬桶保護裝置(中華民國專利證書新型第 M471239 號).
66.組合式刮鬍刀具(中華民國專利證書新型第 M474613 號).
67.油槍感應裝置(中華民國專利證書新型第 M475453 號).
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148.可防鑽頭鑽歪之電鑽(中華民國專利證書新型第 M495251 號).
149.具有測量長度功能之筆具(中華民國專利證書新型第 M495303 號).
150.可輕鬆拆卸之窗戶構造(中華民國專利證書新型第 M495413 號).
151.具有指示開鎖方向功能之門構造(中華民國專利證書新型第 M495417 號).
152.可將物件組合成夾子之固定機構(中華民國專利證書新型第 M495437 號).
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13. 2012 獎金獵人-愛挑戰-省電創意王-第三名 "最佳化改良式日光燈座",黃琮暉,黃仲麒,伍柏霖,楊智評,許潪松,余政原,中華民國 101 年 9 月。
14. 2012 全國智慧型機器人創意設計製作大賽-佳作獎 "飛天龍吟鼠",黃琮暉,黃仲麒,莊川興,陳韋翰,王彥凱,楊燦豪,中華民國 101 年 9 月。
15. 2012 綠色能源創意實務專題競賽-佳作,"智慧型雙軸追日系統",黃琮暉,黃仲麒,姜朝欽,張嘉維,林政翰,施柏衍,臺北城市科技大學,中華民國 101 年 5 月。

其他獲獎：
1. 2019 年參加國際研討會 International Multi-Conference on Engineering and Technology Innovation 2019 (IMETI 2019)並且榮獲最佳論文獎。
2. 2015 年參加日本大阪國際研討會 2015 International Conference on Applied System & Innovation (ICASI 2015)並且榮獲最佳論文獎。
3. 榮獲遠東科技大學 108 學年度績優導師。
4. 榮獲遠東科技大學 97 學年度第一學期績優導師。

校外服務

1. Program Committee, The International Multi-Conference on Engineering and Technology Innovation.
2. Program Committee, The International Conference on Advanced Technology Innovation.
3. Chairman of Invited Session "Applications in Machine Learning and Smart Automation", International Multi-Conference on Engineering and Technology Innovation.

4. Chairman of Invited Session "Intelligent Automation and Smart Systems", International Multi-Conference on Engineering and Technology Innovation.
5. Chairman of Invited Session "Automation and Intelligent Systems", International Conference on Engineering and Technology Innovation.
6. Chairman of Invited Session "Intelligent System", International Applied Science and Precision Engineering Conference.
7. Reviewer, International Manufacturing Leaders Forum.
8. Reviewer, IEEE/ASME International Conference on Advanced Intelligent Mechatronics.
9. Reviewer, IEEE International Conference on Engineering and Technology Innovation.
10. Reviewer, IEEE International Symposium on Computer, Consumer and Control.
11. Reviewer, IEEE International Conference on Agricultural, Food and Biological Engineering.
12. Reviewer, Applied Sciences. (SCI/SCIE Journal)
13. Reviewer, Advances in Mechanical Engineering. (SCI/SCIE Journal)
14. Reviewer, Computers & Electrical Engineering. (SCI/SCIE Journal)
15. Reviewer, International Journal of Distributed Sensor Networks. (SCI/SCIE Journal)
16. Reviewer, The Scientific World Journal. (SCI/SCIE Journal)
17. Reviewer, IEEE Transactions on Control Systems Technology. (SCI/SCIE Journal)
18. Reviewer, Journal of Systems and Software. (SCI/SCIE Journal)
19. Reviewer, International Journal of Computer Systems Science and Engineering. (SCI/SCIE Journal)
20. Reviewer, Transactions of the Canadian Society for Mechanical Engineering. (SCI/SCIE Journal)
21. Reviewer, Future Generation Computer Systems. (SCI/SCIE Journal)
22. Reviewer, Current Alzheimer Research. (SCI/SCIE Journal)
23. Reviewer, Machines. (SCI/SCIE Journal)
24. Reviewer, Sensors. (SCI/SCIE Journal)
25. Reviewer, Energies. (SCI/SCIE Journal)
26. Reviewer, Entropy. (SCI/SCIE Journal)
27. Reviewer, Symmetry. (SCI/SCIE Journal)
28. Reviewer, Sustainability. (SCI/SCIE Journal)
29. Reviewer, Electronics. (SCI/SCIE Journal)
30. Reviewer, Processes. (SCI/SCIE Journal)
31. Reviewer, Axioms. (SCI/SCIE Journal)
32. Reviewer, Nanotechnology Reviews. (SCI/SCIE Journal)
33. Reviewer, Future Internet. (ESCI Journal)
34. Reviewer, Journal of Sensor and Actuator Networks. (ESCI Journal)
35. Reviewer, Big Data and Cognitive Computing. (ESCI Journal)
36. Reviewer, Information. (EI/ESCI Journal)
37. Reviewer, Algorithms. (EI/ESCI Journal)
38. Reviewer, Technologies. (ESCI Journal)
39. Reviewer, Evolutionary Intelligence. (ESCI Journal of Springer Nature)
40. Reviewer, Sports Medicine. (SCI/SCIE Journal of Springer Nature)
41. Reviewer, Scientific Reports. (SCI/SCIE Journal of Springer Nature)
42. Reviewer, Electrical Engineering. (SCI/SCIE Journal of Springer Nature)
43. Reviewer, Neural Processing Letters. (SCI/SCIE Journal of Springer Nature)
44. Reviewer, The Journal of Supercomputing. (SCI/SCIE Journal of Springer Nature)

教學歷程

碩士學位論文

1. 雲塵式智慧型太陽能發電功率監控預測系統，林信普，2013
2. 雲塵式架構之智慧塵設計與實現，吳仲瑞，2015
3. 雲塵式智慧型太陽能發電系統維護與稽核，楊勝峰，2015
4. 以機器學習為基之虛擬綠能電廠智慧型協同閘道器，唐盛賢，2017
5. 以機器學習為基之智慧型健康輔助系統，柯彥廷，2017
6. 智慧製造之以多智能體系統為基多變量製程參數逆解，丁伯陽，2024

其他

1. 2016 年獲選 105 年教育部補助選送技專校院教師赴國外(奧地利)實務研習(工業 4.0 種子教授培訓)。
2. 2022 年 AI 人工智慧科技數據分析人才培育認證師資培訓 (AutoML AI 人工智慧大數據分析師)
3. 2022 年 iPAS 經濟部產業人才能力鑑定 中級物聯網應用工程師 種子師資
4. 2022 年 iPAS 經濟部產業人才能力鑑定 機器學習工程師 種子師資
5. 2022 年 iPAS 經濟部產業人才能力鑑定 行動營運管理師 種子師資
6. 2021 年 iPAS 經濟部產業人才能力鑑定 智慧生產工程師 種子師資