

論文發表

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(C) 發明專利

1. 劉文忠、胡智凱, 2006 July, 「操作在射頻辨識系統 5.8 GHz 頻段之 H 型微帶平面天線佈局及其方法」, 中華民國 發明專利, 證號: I258893
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4. 劉文忠、劉鴻鈞, 2009 March, 「適用 5 GHz 頻段可調之小型共面波導饋入天線」, 中華民國 發明專利, 證號: I307566
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2

(D) 研究計畫

1. 直昇機用之 NVIS 通訊天線研究 (NSC 89-2213-E-150-025/89.08.01-90.07.31) 主持人
2. 整合型多功能印刷天線設計 (NSC 90-2213-E-150-004/90.08.01~91.07.31) 主持人
3. 應用於 SAR 之具雙極化性印刷天線陣列設計 (NSC 91-2213-E-150-012/91.08.01~92.07.31) 主持人
4. 應用於無線通訊之多頻平面單極天線設計 (NSC 92-2622-E-150-042-CC3/92.12.01~93.11.30) 主持人
5. 多頻共平面波導饋入天線設計 (NSC 93-2622-E-150-027-CC3/93.11.01~94.10.31) 主持人
6. 共平面波導饋入式超寬頻 (UWB) 單極天線設計 (NSC 94-2213-E-150-009/94.08.01~95.07.31) 主持人
7. 小型三頻無線區域網路共平面波導饋入式天線之研發—使用蜂群搜尋法 (NSC 94-2622-E-150-032-CC3/94.11.01~95.10.31) 主持人
8. 應用於無線區域網路之小型雙頻槽孔式印刷天線設計與量測 (NSC 94-2815-C-150-036-E/94.07.01~95.02.28) 大專生專題研究 指導老師
9. 應用於無線區域網路之軟性雙寬頻平面天線研發 (公-04-工-150/95.05.01~95.12.31) 教育部產學計畫 主持人
10. 應用於射頻辨識系統之小型可彎式平面天線設計 (NSC 95-2221-E-150-019/95.08.01~96.07.31) 主持人
11. 應用於 WiMAX/WLAN 系統之多頻小型平面天線設計 (NSC 96-2815-C-150-022-E/96.07.01~97.02.28)

大專生專題研究 指導老師

- 12.超寬頻雷達技術之研究(NSC 96-2918-I-150-002/96.08.01~97.01.31) 科技人員國外短期研究計畫
主持人
- 13.應用於生醫無線通訊系統之植入式天線的研製與量測(NSC 96-2221-E-150-001/96.08.01~97.07.31)
主持人
- 14.智慧型無線感應器系統平臺建構與其在土木結構診斷應用之研究-子計畫：智慧型系統平臺系統韌體
與網路閘道之設計與研製(I)(NSC 96-2625-Z-150-001/96.08.01~97.07.31) 共同主持人
- 15.智慧型無線感應器系統平臺建構與其在土木結構診斷應用之研究-子計畫：智慧型系統平臺系統韌體
與網路閘道之設計與研製(II)(NSC 97-2625-M-150-001/97.08.01~98.07.31) 共同主持人
- 16.智慧型無線感應器系統平臺建構與其在土木結構診斷應用之研究-子計畫：智慧型系統平臺系統韌體
與網路閘道之設計與研製(III)(NSC 98-2625-M-150-001/98.08.01~99.07.31) 共同主持人
- 17.教育部資通訊重點領域課程推廣計畫-種子教師 (98.03.01~99.02.28) 主持人
- 18.教育部 資通訊重點領域課程推廣計畫-種子教師 (99.03.01~100.02.28) 主持人
- 19.提昇飛行系統傳輸效能之研究(MOST 100-2221-E-150-046/100.08.01~101.09.30) 主持人
- 20.結合實驗與數值方法研析噴流式Gurney式襟翼應用在長滯空及具匿蹤性無人飛機時之空氣動力特性
(II)(MOST 100-2221-E-150-049/100.08.01~101.08.31) 共同主持人
- 21.飛機客艙內外無線電波傳播特性研究(MOST 101-2221-E-150-016/101.08.01~102.09.30) 主持人
- 22.飛機客艙無線區域網路傳輸性能研究(MOST 102-2221-E-150-022/102.08.01~103.09.30) 主持人
- 23.飛機之天波通訊技術研究 (MOST 103-2221-E-150-045/103.08.01~104.07.31) 主持人
24. 2U立方衛星研製計畫-子計畫:衛星高增益通訊天線研製 (106AZ17-2/106.04.08~109.04.08) 主持人
25. 智慧型自動追蹤控制研製 (106.07.01~107.02.28) 共同主持人
26. 機載多功能感測器節點設計 (108-2813-C-150-006-E) 科技部大專生專題研究 指導老師
27. 具定向估算功能之無人機雙向天線跟蹤系統研究 (MOST 108-2221-E-150-005/108.08.01~109.07.31)
主持人