研究成果目錄：

A. 期刊論文

1. Chang, K.-H. and M.-S. Young, Design of a Three-Lead Synthetic ECG Generator Using the Simplified McSharry's Model. Instrumentation Science & Technology, 2009. 37(4): p. 397 - 409.

2. Chang, K.-H. and M.-S. Young, Design of a Microcontroller-Based ECG Measurement System to Detect QRS Complex with dECG in Real-Time. Instrumentation Science & Technology, 2009. 37(5): p. 503 - 515.

3. 張凱雄、顏國智、黃廣淼、陳嘉昌，微型馬達起動轉速量測系統

   設計，馬達電子報，312 期，2008 年 12 月

B. 研討會論文

1. Kai-Hsiung Chang, Chun-Che Yang, Jia-Chang Chen, Peng-Jen Chen, and Ming-Shing Young, "Design of an Embedded ECG Measurement System for the Application of Remote Individual Care", The 1st International Conference on Neuroprosthetic Devices (ICND 2009), Taiwan, March 2009

2. Ying-Chien Wei, Yu-Hao Lee, Ying-Yu Wei, Kai-Hsiung Chang, and Ming-Shing Young, "A Multi-Channel Electroencephalographic Acquisition and Recording System Based on Microcontroller", The 1st International Conference on Neuroprosthetic Devices (ICND 2009), Taiwan, March 2009

3. Chun-Che Yang, Kai-Hsiung Chang, Ching-min Chen, and Ming-Shing Young, "Using wireless technology to build an ECG measuring system for home care" , The 1st International Conference on Neuroprosthetic Devices (ICND 2009), Taiwan, March 2009

4. 張凱雄，楊俊哲，莊政陽，鍾佳詔，楊明興， "心音與心電圖量

   測系統設計"， 2005 生物醫學工程科技研討會, PI-043, Dec. 2005

C. 計劃執行：

1. 經濟部 98 年關鍵類計畫「細微型馬達關鍵技術研發」（計畫編號：A9811140）

2. 97 年處級小型計畫「智慧型藍芽無線體溫計」（計畫編號：A9749420）

3. 經濟部 97 年關鍵類計畫「細微型馬達關鍵技術研發」（計畫編號：A9711160）

4. 經濟部 96 年關鍵類計畫「薄型馬達關鍵技術研發」（計畫編號：A9611140）