

陳英忠(Chen, Ying-chung)教授 研究計畫

編號	中文名稱	補助單位	開始日期
1	應用於高頻通訊系統之薄膜體聲波元件之設計、製造、封裝測試與整合-以薄膜體聲波共振器建構高頻 T-型階梯式濾波器之研究	國科會 [96-2221-E-110-057-]	2007/8/1
2	可調頻薄膜體聲波共振器及濾波器之研究 The fabrication of frequency tunable thin film bulk resonators and filters	國科會 [95-2221-E-110-029-]	2006/8/1
3	固態微型共振器及其應用(III)-固態微型共振器之壓電層與共振器研製 The piezoelectric layer and resonator of solid-mounted resonator	國科會 [94-2216-E-110-021-]	2005/8/1
4	固態微型共振器及其應用(III)-總計畫 The Solid-Mounted Resonator and its Applications (III)	國科會 [94-2216-E-110-022-]	2005/8/1
5	固態微型共振器及其應用(II)-子計畫一: 固態微型共振器之壓電層與共振器研製(II) The piezoelectric layer and resonator of solid-mounted resonator (II)	國科會[NSC 93- 2216-E- 110- 023]	2004/8/1
6	固態微型共振器及其應用-總計畫(II) The Solid-Mounted Resonator and its Applications (II)	國科會[NSC 93- 2216-E- 110- 022]	2004/8/1
7	以溶膠凝膠法製備鈦酸鉛系列薄膜作為氫離子感測場效電晶體特性之研究(2/2)	國科會 [92-2216-E-110-008-]	2003/8/1
8	固態微型共振器及其應用-總計畫 (I) The Solid-Mounted Resonator and its Applications (I)	國科會 [92-2216-E-110-022-]	2003/8/1
9	固態微型共振器及其應用-子計畫一:固態微型共振器之壓電層與共振器研製 (I)	國科會 [92-2216-E-110-023-]	2003/8/1

	The piezoelectric layer and resonator of solid-mounted resonator (I)		
10	可調頻氮化鋁表面聲波濾波器之研究 (III) The study of AlN surface acoustic tunable filter	國科會 [NSC90-2216-E-110-025]	2001/8/1
11	氮化鋁彈性波元件之研究(2)-總計畫 Researches on AlN Based Elastic Wave Devices (2)	國科會 [NSC89-2216-E-110-044]	2000/8/1
12	可調頻氮化鋁表面聲波濾波器之研究 (2) The Study of AlN Surface Acoustic Tunable Filter (2)	國科會 [NSC89-2216-E-110-045]	2000/8/1
13	子計畫六：可調頻氮化鋁表面聲波濾波器之研究(I) The study of AlN surface acoustic tunable filter(I)	國科會 [NSC89-2216-E-110-012]	1999/8/1
14	氮化鋁彈性波元件之研究(I)-總計畫 Researches on AlN Based Elastic Wave Devices (I)	國科會 [NSC89-2216-E-110-018]	1999/8/1
15	以氮化鋁薄膜作為絕緣層的離子感測場效電晶體特性之研究 Study on the characteristic of the ion sensitive field effect transistor by the insulated sensitive layer of aluminum nitride thin film	國科會 [NSC89-2216-E-110-022]	1999/8/1
16	低損耗高性能氮化鋁表面聲波濾波器之研究 The Study of Low-loss High-performance Surface Acoustic Wave Filters on AlN Films	國科會 [NSC88-2216-E-110-001]	1998/8/1
17	焦電感測元件之製作及特性分析 Fabrication and Characteristic Analysis of Pyroelectric Detector Devices	國科會 [NSC87-2216-E-110-020]	1997/8/1
18	反應性射頻濺鍍高 c 軸排向氮化鋁薄膜之研究及其元件應用 (III) Growth of Highly C-Axis Oriented AlN Films by Reactive RF Sputtering and	國科會 [NSC87-2216-E-110-004]	1997/8/1

	the Applications of Devices (III)		
19	陶瓷薄膜感測器之應用—焦電感測元件之開發—總計畫 Application of Ceramic Thin Film Sensors-The Development of Pyroelectric Detector Devices	國科會 [NSC86-2216-E-110-013]	1996/8/1
20	陶瓷薄膜感測器之應用—焦電感測元件之開發—子計畫：焦電薄膜特性測試系統之開發及建立 Development and Setting up of the Measurement System for Pyroelectric Thin films	國科會 [NSC86-2216-E-110-014]	1996/8/1
21	反射性射頻濺鍍高 c 軸排向氮化鋁薄膜之研究及其元件應用 (II) Growth of Highly C-Axis Oriented AlN Films by Reactive RF Sputtering and the Applications of Devices (II)	國科會 [NSC86-2216-E-110-019]	1996/8/1
22	反應性射頻濺鍍高 c 軸排向氮化鋁薄膜之研究及其元件應用 (I) Growth of Highly C-Axis Oriented AlN Films by Reactive RF Sputtering and the Applications of Devices (I)	國科會 [NSC85-2216-E-110-004]	1995/8/1