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## 教師研究成果資料明細

### 研究計畫

- 1.李育瑞 教育部 2008.05.1 ~2008.12.31  
防災教育數位學習平台維運計畫
- 2.李育瑞 國科會 2008.08.1 ~2009.07.31  
應用於壓縮視訊轉換編碼器之具有區塊大小混用之畫面解析度縮減方法
- 3.李育瑞 教育部 2009.02.1 ~2009.12.31  
防災教育數位學習平台維運及元件軟體開發
- 4.李育瑞 教育部 2010.02.1 ~2010.12.31  
防災教育數位學習平台維運

### SCI、SSCI、A&HCI、EI、TSSCI期刊論文

- 1.李育瑞(Yuh-Ruey Lee) ,2007-08, (已刊登)  
IEEE Transactions on Circuits and Systems for Video Technology  
17卷8期:1079頁~1084頁  
Visual quality enhancement for DCT-domain spatial downscaling transcoding using generalized DCT decimation
- 2.李育瑞(Yuh-Ruey Lee) ,2005-08, (已刊登)  
JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION  
16卷4-5期:563頁~588頁  
Error-resilient transcoding using adaptive intra-refresh for video streaming

### 非SCI、SSCI、A&HCI、EI、TSSCI...等具審查機制論文

- 1.李育瑞(Yuh-Ruey Lee) ,2004-03, (已刊登)  
影像與識別 (Images and Recognition) 10卷1期:頁~頁  
Efficient spatial downscaling transcoding techniques for heterogeneous display devices

### 研討會論文

- 1.李育瑞(Yuh-Ruey Lee) 2005.05. ~ . . .  
Error-resilient transcoding using adaptive intra-refresh for video streaming  
IEEE Int. Symp. Circuits and System (ISCAS'05)
- 2.李育瑞(Yuh-Ruey Lee) 2005.07. ~ . . .  
Adaptive error resilience transcoding for video multicast over wireless networks  
IEEE Int. Conf. Multimedia and Expo (ICME'05)

**3.李育瑞(Yuh-Ruey Lee) 2006.08. ~ . .**

A drift-free bitstream switching scheme for H.264 video adaptation with enhanced coding performance

Proc. IPPR Conference on Computer Vision, Graphics, and Image Processing (CVGIP'06)

**4.李育瑞(Yuh-Ruey Lee) 2005.09. ~ . .**

DCT-domain spatial transcoding using generalized DCT decimation

IEEE International Conference on Image Processing (ICIP'05)

**5.李育瑞(Yuh-Ruey Lee) . . ~ . .**

DCT-domain downscaling transcoding using generalized DCT decimation

Proc. IPPR Conference on Computer Vision, Graphics, and Image Processing (CVGIP'05)

**6.李育瑞(Yuh-Ruey Lee) 2003.08. ~ . .**

Computation reduction for DCT-domain cascaded video downscaling transcoder

Proc. IPPR Conference on Computer Vision, Graphics, and Image Processing (CVGIP'03)

**7.李育瑞(Yuh-Ruey Lee) 2001.08. ~ . .**

Fast DCT-domain transcoding using significant coefficients extraction

Proc. IPPR Conference on Computer Vision, Graphics, and Image Processing (CVGIP'01)

**8.李育瑞(Yuh-Ruey Lee) 2005.10. ~2005.10.**

Adaptive error resilience transcoding for video multicast over wireless networks

Workshop Consumer Electronics and Signal Processing (WCESp'05)

## 專利

**1.李育瑞(Yuh-Ruey Lee) 2005-04~2024-02**

低運算複雜度之尺寸縮減視訊轉碼器與方法

**2.李育瑞(Yuh-Ruey Lee) 2007-02~ -**

Low-complexity spatial downscaling video transcoder and method thereof

## 學術/社會服務資料

**1.李育瑞 2011-10-20~2012-04-20**

協同主持人