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## 教師研究成果資料明細

### 研究計畫

1. 沈俊宏 國科會 2010.02.1 ~2010.10.31  
無線廣播環境中空間資料存取機制之設計
2. 沈俊宏 國科會 2010.08.1 ~2011.07.31  
無線資訊系統中空間物件的連續查詢處理機制之設計
3. 沈俊宏 其他單位 2010.11.3 ~2010.12.27  
idv.tw網域名稱推廣活動
4. 沈俊宏 其他單位 2011.11.4 ~2011.12.20  
2011年TWNIC校園公益青年

### SCI、SSCI、A&HCI、EI、TSSCI期刊論文

1. 沈俊宏(Jun-Hong Shen)\*, 2009-07, ()  
Journal of Internet Technology 10卷3期:245頁~250頁  
A Hilbert Curve-Based Distributed Index for Window Queries in Wireless Data Broadcast Systems
2. 沈俊宏(Jun-Hong Shen), 2009-05, ()  
EXPERT SYSTEMS WITH APPLICATIONS 36卷4期:8431頁~8442頁  
An Efficient Signature-based Strategy for Supporting Inexact Filtering in Information Filtering Systems
3. 沈俊宏(Jun-Hong Shen), 2008-11, ()  
JOURNAL OF SYSTEMS AND SOFTWARE 81卷11期:2091頁~2103頁  
An Efficient Nonuniform Index in the Wireless Broadcast Environments
4. 沈俊宏(Jun-Hong Shen), 2008-01, ()  
JOURNAL OF INFORMATION SCIENCE AND ENGINEERING  
24卷1期:129頁~142頁  
A Data Mining-Based Method for the Incremental Update of Supporting Personalized Information Filtering
5. 沈俊宏(Jun-Hong Shen), 2007-05, ()  
JOURNAL OF SYSTEMS AND SOFTWARE 80卷5期:711頁~723頁  
A Skewed Distributed Indexing for Skewed Access Patterns on the Wireless Broadcast
6. 陸清達(Ching-Ta Lu)、沈俊宏(Jun-Hong Shen), 2012-02, (已刊登)

International Journal of Electrical Engineering 18卷5期:209頁~221頁  
Speech enhancement using three-step-decision gain factor with optimal smoothing

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

1. 沈俊宏(Jun-Hong Shen), 2006-01, (已刊登)  
Journal of Systemics, Cybernetics and Informatics 3卷1期:12頁~17頁  
A Large-Itemset-Based Index Structure for Supporting Personalized Information Filtering on the Internet

## 研討會論文

1. 2010.08.4 ~2010.08.6  
An ID-tree Index Strategy for Supporting Similarity Searches in Information Filtering Systems  
IET International Conference on Frontier Computing - Theory, Technologies and Applications

2. 2010.03.22~2010.03.26  
Range Queries Based on a Structured Segment Tree in P2P Systems  
The 17th IEEE International Conference on Engineering of Computer-Based Systems

3. 沈俊宏(Jun-Hong Shen)、沈俊宏(Jun-Hong Shen)  
2009.11.27~2009.11.28  
An Efficient JMC Algorithm for the Rhythm Query in Music Databases  
National Computer Symposium

4. 沈俊宏(Jun-Hong Shen) 2009.03.16~2009.03.19  
Data Classification Based on the Class-rooted FP-tree  
International Conference on Complex, Intelligent and Software Intensive Systems

5. 沈俊宏(Jun-Hong Shen)、沈俊宏(Jun-Hong Shen)  
2008.06.11~2008.06.13  
A Hilbert Curve-Based Distributed Index for Window Queries in Wireless Data Broadcast Systems  
Proc. of the IEEE International Conference on Sensor Networks, Ubiquitous, and Trustworthy Computing

6. 沈俊宏(Jun-Hong Shen) 2007.11.16~2007.11.17  
An Efficient Hilbert Curve-based Clustering Strategy for Large Spatial Databases  
Proc. of the 12th Conference on Artificial Intelligence and Applications

7. 沈俊宏(Jun-Hong Shen)、沈俊宏(Jun-Hong Shen) 2006.12.4  
~2006.12.6  
A Large-Itemset-Based Method for the Incremental Update of Supporting Personalized Information Filtering on the Internet  
International Computer Symposium

8. 沈俊宏(Jun-Hong Shen)、沈俊宏(Jun-Hong Shen)  
2006.06.20~2006.06.22  
The TopK Scheme for the Energy-Saving Data Organization in Broadcast-Based Wireless Environments  
International MultiConference of Engineers and Computer Scientists

9. 沈俊宏(Jun-Hong Shen)、沈俊宏(Jun-Hong Shen)  
2005.12.15~2005.12.16  
An Adaptive Approach to Data Broadcasting in Mobile Information Systems  
National Computer Symposium

**10. 沈俊宏(Jun-Hong Shen) 、沈俊宏(Jun-Hong Shen)**

2005.06.13~2005.06.16

A Binary-Number-Based Approach to Data Broadcasting in Wireless Information Systems

Proc. of the third IEEE International Workshop on Mobility Management and Wireless Access

**11. 沈俊宏(Jun-Hong Shen) 、沈俊宏(Jun-Hong Shen)**

2004.07.18~2004.07.21

A Large-Itemset-Based Index Structure for Supporting Personalized Information Filtering on the Internet

Proc. of the 8th World Multiconference on Systemics, Cybernetics and Informatics

**12. 沈俊宏(Jun-Hong Shen) 、沈俊宏(Jun-Hong Shen)**

2003.12.14~2003.12.16

An Improvement of the Complementary Approach to Data Broadcasting in Mobile Information Systems

Proc. of Int. Conf. on Informatics, Cybernetics, and Systems

**13. 沈俊宏(Jun-Hong Shen) 、沈俊宏(Jun-Hong Shen)**

2011.11.11~2011.11.11

A Unique Key Method for Efficient Image Retrieval in Symbolic Image Databases

Proc. of Workshop on Consumer Electronics

**參與期刊編輯**

**1. 沈俊宏 2008-09-18~2009-01-29**

IET Image Processing

**2. 沈俊宏 2010-06-11~2010-09-14**

Journal of Information Science and Engineering