

## Achievements & Certificates

### Published Paper in the 16th PACIS & Journal

Scientometrics  
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#### Supply chain management: exploring the intellectual structure

Wen-Lung Shiau<sup>1</sup> · Yogesh K. Dwivedi<sup>2</sup> · Chia-Han Tsai<sup>1</sup>

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**Abstract** The purpose of this article is to explore the intellectual structure of supply chain management area by employing a co-citation method. Data was collected (4652 articles and 145,242 references) from the Web of Science online database. Author productivity and 41 frequently cited articles were identified through citation and document co-citation analysis. The result of this study identified four core topics to supply chain management research: sustainable supply chain management, strategic competition, value of information, and development of supply chain management. This study illustrates the shift in the intellectual structure of SCM, indicating research priorities, such as sustainability in supply chain management, relationships among organisations, the bullwhip effect within the supply chain, and performance measurement in supply chain management. This study implies that managers should expend effort formulating effective performance measurements in supply chain management and share information within the supply chain to mitigate the bullwhip effect.

**Keywords** Supply chain management (SCM) · Intellectual structure · Document co-citation · Classification

### Published Paper in the 24th ICIM

#### The Intellectual Structure of the Decision Support Systems

Shiau Wen Lung  
Department of Information Management, Ming Chuan University  
mac@mail.mcu.edu.tw

Tsai Chia Han  
Department of Information Management, Ming Chuan University  
jasontsa16604@gmail.com

**Abstract**  
The purpose of this paper is to examine the intellectual structure of the decision support systems (DSS) from 1996 to 2012. By using the document co-citation and factor analysis, we extracted eight key issues of decision support systems researches: (1) Clinical DSS (2) Computerized physician order entry (3) Development of the DSS (4) Group support systems (5) Reasoning methods (6) Selection criteria (7) Decision making methods and (8) Medical Diagnostic DSS. After comparing with the study of Eom (1998), we conclude that infrastructure of the DSS has been well developed and the used of DSS has become more widely in various discipline.  
**Keywords:** Decision support systems, Document co-citation, Factor analysis

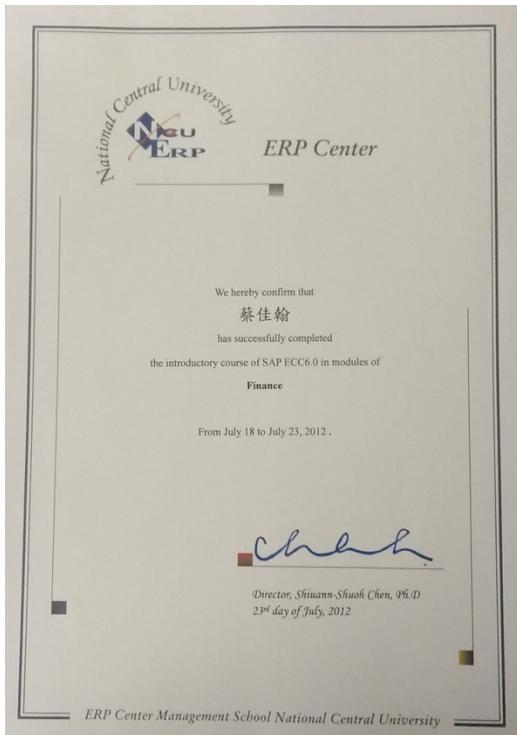
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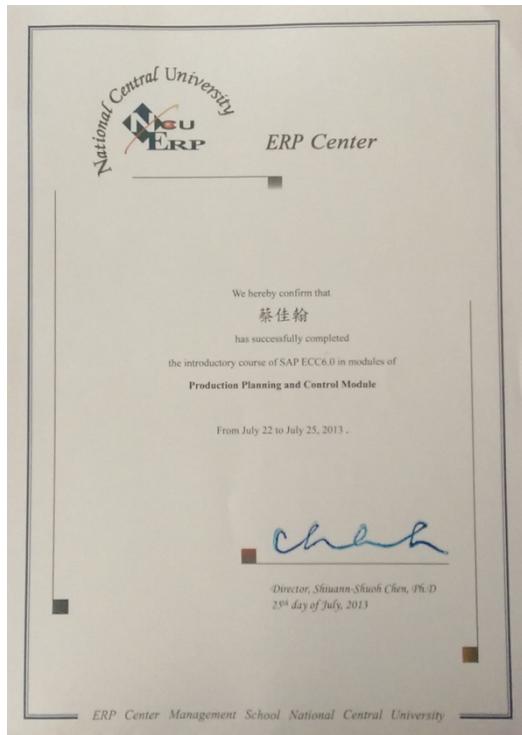
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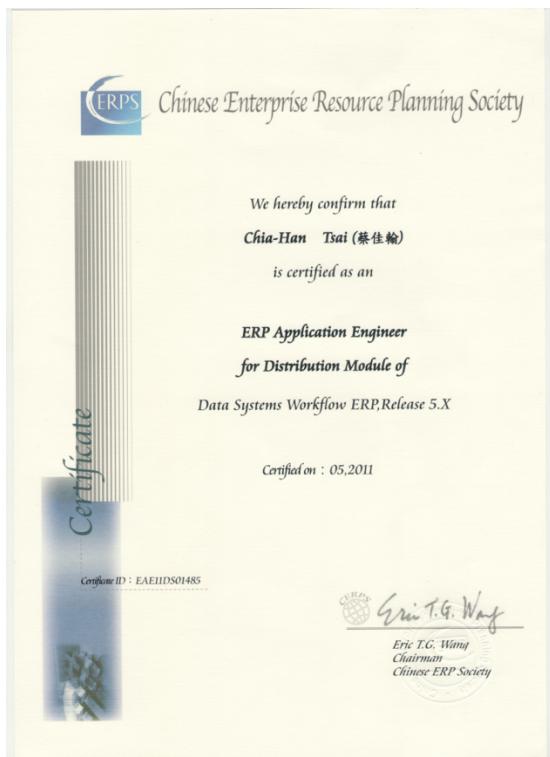
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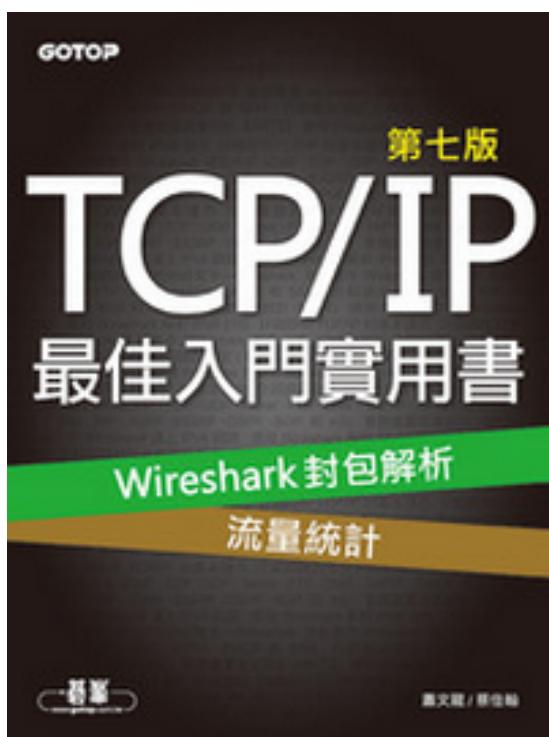
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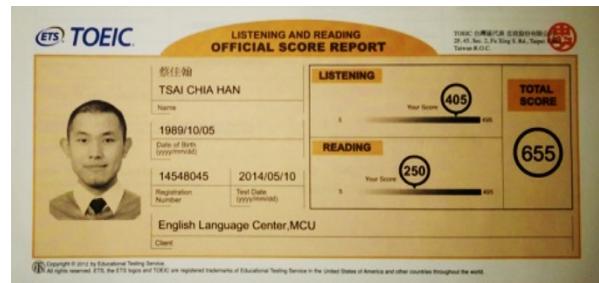
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