

104 年 06 月 通過 學術審查

年 級：博七（94 碩入，95 上直升）

著作列表

Journal Papers

- A. Tzu-Chin Lin, Chung-Chin Kuo, Yong-Hsian Hsieh, and Biing-Feng Wang, "Efficient Algorithms for the Inverse Sorting Problem with Bound Constraints under the l_∞ -norm and the Hamming Distance," *Journal of Computer and System Sciences*, vol. 75, no. 8, pp. 451-464, 2009. (EI, SCI)

- B. Biing-Feng Wang, Chung-Chin Kuo, Shang-Ju Liu, and Chien-Hsin Lin, "A New Efficient Algorithm for the Gene-team Problem on General Sequences," *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, vol. 9, no. 2, pp. 330-344, 2012. (EI, SCI)

Conference Papers

- A. Chih-Chiang Yu, Biing-Feng Wang, and Chung-Chin Kuo, "Efficient Indexes for the Positional Pattern Matching Problem and Two Related Problems over Small Alphabets," in *Proceedings of the 21st International Symposium on Algorithms and Computation (ISAAC 2010)*, *Lecture Notes in Computer Science*, vol. 6507, pp. 13-24, 2010.

104 年 06 月 通過 學術審查

年 級：博九 (94 碩入，95 上直升)

著作目錄

Journal Papers:

1. **H. M. Sun, B. Z. He**, C. M. Chen, **T Y. Wu**, C. H. Lin, and H. X. Wang, “A provable authenticated group key agreement protocol for mobile environment,” to appear in *Information Sciences*. (**SCI, Impact Factor:3.893;**)
2. **B. Z. He**, C. M. Chen, T. Y. Wu, and **H. M. Sun**, “An efficient solution for hierarchical access control problem in cloud environment,” *Mathematical Problems in Engineering*, Vol. 2014. (**SCI, Impact Factor:1.082;**)
3. **B. Z. He**, C. M. Chen, Y. P. Su, and **H. M. Sun**, “A defence scheme against identity theft attack based on multiple social networks,” *Expert Systems with Applications*. Vol.41, No. 5, pp. 2345-2352, 2014. (**SCI, Impact Factor:1.965;**)

Conference Papers:

1. C. M. Chen, M. E. Wu, **B. Z. He**, X. Y. Zheng, C. Hsing, and H. M. Sun, “A Methodology for Hook-Based Kernel Level Rootkits”, *The 10th International Conference on Information Security Practice and Experience (ISPEC 2014)*, **accept rate:36/158=0.227**, Fuzhou, China, May 5-8, 2014.
2. **B. Z. He**, K. L. Huang, H. M. Sun, and R. L. Tso, “A Virtual Network Guard System Based on Cloud Computing Environments,” *The Eighth International Conference on Genetic and Evolutionary Computing (ICGEC 2014)*, Nanchang, China, October 18-20, 2014.
3. L. P. Yuan, **B. Z. He**, C. S. Liu, and *H. M. Sun*, “A Secure and Flexible Data Aggregation Framework for Smart Grid,” *The 8th International Conference on Embedded and Multimedia Computing (EMC 2013)*, August 23 – 25, 2013.
4. Y. H. Lin, **B. Z. He**, H. M. Sun, and Y. H. Chen, “CDS: Concealed Data Storing Scheme in Wireless Sensor Networks,” *International Computer Symposium (ICS 2010)*, Dec. 2010.
5. H. M. Sun, S. Y. Chang, Y. H. Chen, **B. Z. He** and C. K. Chen, ”The design and implementation of IPSec conflict avoiding and recovering system,” *TENCON2007*, pp. 1-4, IEEE, 2007.

Patent

1. 陳政愷, 孫宏民, 張仕穎, 陳耀鑫, 何秉哲, 「具有一資料庫之網路裝置及用於該資料庫之網路協定連線規則之管理方法與電腦可讀取紀錄媒體,」中華民國專利(pending), 公開號: 200928770, 公告/公開日: 2009/07/01
2. Cheng-Kai Chen, Hung-Min Sun, Shih-Ying Chang, Yao-Hsin Chen, and Bing-Zhe He, “Network apparatus having a database, management method and tangible machine-readable medium for managing internet protocol connection rules of the database,” US Patent (pending), Application number: 12/052499, Publication number: US 20090164617.

104 年 06 月 通過 學術審查

年 級：博三 (101 學年度入學)

著作列表

Journal Papers

- **Tung-Wei Kuo**, Kate Ching-Ju Lin, and Ming-Jer Tsai, “Maximizing Submodular Set Function with Connectivity Constraint: Theory and Application to Networks,” *IEEE/ACM Transactions on Networking*, vol. 23, pp. 533-546, 2015. (SCI, EI, Impact factor: 1.986)
- **Tung-Wei Kuo**, Kuang-Che Lee, Kate Ching-Ju Lin, and Ming-Jer Tsai, “Leader-Contention-Based User Matching for 802.11 Multiuser MIMO Networks,” *IEEE Transactions on Wireless Communications*, vol. 13, pp. 4389-4400, 2014. (SCI, EI, Impact factor: 2.762)

Conference Paper

- **Tung-Wei Kuo**, Kate Ching-Ju Lin, and Ming-Jer Tsai, “Maximizing Submodular Set Function with Connectivity Constraint: Theory and Application to Networks,” *IEEE INFOCOM*, pp.1977-1985, 2013. (Acceptance rate: $280/1613 \approx 0.17$)

In progress of submission (Currently under Major Revision)

- **Tung-Wei Kuo**, Kate Ching-Ju Lin, and Ming-Jer Tsai, “On the Construction of Data Aggregation Tree with Minimum Energy Cost in Wireless Sensor Networks: NP-Completeness and Approximation Algorithms,” *IEEE Transactions on Computers*. (SCI, EI, Impact factor: 1.473)
- Kate Ching-Ju Lin, **Tung-Wei Kuo**, Pei-Jiun Yan, Wan-Jie Cheng and Shyh-Kang Jeng, “Beam Configuration and Client Association for Access Points Using Switched Beam Antennas,” *IEEE Transactions on Mobile Computing*. (SCI, EI, Impact factor: 2.912)