

Journal Papers

1. **Jiazheng Zhou**, Shen-En Liu, and Yeh-Ching Chung, "A Hardware Supported Multicast Scheme Based on XY Routing for 2-D Mesh InfiniBand Networks," *The Journal of Supercomputing*, Online First, 15 September, 2010.
2. **Jiazheng Zhou** and Yeh-Ching Chung, "Tree-Turn Routing: An Efficient Deadlock-Free Routing Algorithm for Irregular Networks," *The Journal of Supercomputing*, Online First, 8 September, 2010.
3. **Jiazheng Zhou**, Xuan-Yi Lin, and Yeh-Ching Chung, "Hardware Supported Multicast in Fat-Tree-Based InfiniBand Networks," *The Journal of Supercomputing*, Vol. 40, No. 3, June 2007, pp. 333-352.

Conference Papers

1. I-Hsin Chung, Che-Rung Lee, **Jiazheng Zhou**, and Yeh-Ching Chung, "Hierarchical Mapping for HPC Applications," *Proceedings of the 2011 IEEE International Parallel and Distributed Processing Symposium*.
2. **Jiazheng Zhou**, Shen-En Liu, and Yeh-Ching Chung, "Hardware Supported Multicast in 2-D Mesh InfiniBand Networks," *Proceedings of IEEE International Conference on Computational Science and Engineering (CSE-09)*, Vancouver, Canada, August 2009, Vol. 1, pp. 232-239.
3. **Jiazheng Zhou**, Xuan-Yi Lin, and Yeh-Ching Chung, "A Tree-Turn Model for Irregular Networks," *Proceedings of IEEE International Symposium on Network Computing and Applications (NCA)*, USA, July 2006, pp. 11-18.
4. Hsien-Tin Kuo, **Jiazheng Zhou**, Xuan-Yi Lin, and Yeh-Ching Chung, "An Efficient and Low Overhead Random Forwarding Table Construction Method for Deadlock-Free Routing Algorithms," *Proceedings of IASTED International Conference on Parallel and Distributed Computing and Systems (PDCS)*, USA, November 2005, pp. 725-730.
5. **Jiazheng Zhou**, Xuan-Yi Lin, Chun-Hsien Wu, and Yeh-Ching Chung, "Multicast in Fat-Tree-Based InfiniBand Networks," *Proceedings of IEEE International Symposium on Network Computing and Applications (NCA)*, USA, July 2005, pp. 239-242.
6. Chang-Yi Lin, **Jiazheng Zhou**, and Yeh-Ching Chung, "An Adaptive Migratory Home Protocol for Software DSM Systems," *Proceedings of Information Technology: Research and Education (ITRE)*, Taiwan, June 2005, pp. 272-276.

100年2月 通過 學術審查

95 上直升博士班 (博五)

Journal Papers

1. **Kuei-Chung Shih**, Chun-Yuan Lin, Jiayi Zhou, Hsiao-Chieh Chi, Ting-Shou Chen, Chun-Chung Wang, Hsiang-Wen Tseng, and Chuan-Yi Tang. “Development of Novel 3D-QSAR Combination Approach for Screening and Optimizing B-Raf Inhibitors in silico,” *Journal of Chemical Information and Modeling*. Vol. 51, pp. 398-407, 2011.
 - Impact factor: **3.882**(2009), Rank : **2/95 (<3%)**, Subject Category: COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS
 - Academic index: **SCI**
2. **Kuei-Chung Shih**, Chun-Yuan Lin, Hsiao-Chieh Chi, Jiayi Zhou, Chrong-Shiong Hwang, Ting-Shou Chen, Chuan-Yi Tang, and Nai-Wan Hsiao. “Dual layer 3D-QSAR model for screening and optimizing FLT-3 inhibitors based on pharmacophore, CoMFA, and CoMSIA models,” *Journal of Molecular Modeling*. (Paper submitted; **under review**)
 - Impact factor: **2.336**(2009), Rank : **13/95 (<14%)**, Subject Category: COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS
 - Academic index: **SCI**
3. **Kuei-Chung Shih**, Chung-Wai Shiau, Ting-Shou Chen, Chih-Lung Lin, Ching-Huai Ko, Chun-Yuan Lin, Chrong-Shiong Hwang, Chuan-Yi Tang, Wan-Ru Chen, and Jui-Wen Huang. “Pharmacophore modeling and virtual screening to identify potential RET kinase inhibitors,” *Bioorganic & Medicinal Chemistry Letters*. (Paper submitted; **under review**)
 - Impact factor: **2.650**(2009), Subject Category: CHEMISTRY, ORGANIC
 - Academic index: **SCI**

Conference Papers

1. **Kuei-Chung Shih**, Chun-Yuan Lin, Jiayi Zhou, Shih-Han Huang and Chuan-Yi Tang. “Develop Integration Modeling approach for Discovery Neuraminidase Inhibitors in Silico based on Pharmacophore and CoMSIA Models,” *IEEE International Conference on Bioinformatics & Biomedicine workshop on Data Mining for Biomarker Discovery*, December 2010, pp. 518-524.
 - Invited to submit to International Journal of Data Mining and

Bioinformatics (**SCI**, Impact factor: **0.933**)

- Academic index: **EI** (2009)
2. Jiayi Zhou, Kun-Ming Yu, Chun Yuan Lin, **Kuei-Chung Shih** and Chuan Yi Tang, “Balanced Multi-Process Parallel Algorithm for Chemical Compound Inference Problem with Given Path Frequency,” *Lecture Notes in Computer Science*, Vol. 6082, pp. 178-187, 2010.
- Academic index: **EI**