CURRICULUM VITAE of Dr. ZHANG GUANG (forzhengguang@163.com)

Name: Zheng Guang

Academic qualifications:
1992-1996   B.   Sc.Geology Department, Lanzhou University. Geology, China
1999-2000   M.   Math Department, Lanzhou University. Applied Mathematics, China
2004-2008   Ph.D   Math Department, Lanzhou University, Foundational Mathematics, China

Present academic position:
2012-   Associate Professor (By courtesy)   Institute for Advancing Translational Medicine in Bone & Joint Diseases, Hong Kong Baptist University

Previous relevant research work:
Research areaBio-Medical text mining, formal methods.

Recent Paper

1. **Zheng Guang,**GuoHongtao, GuoYuming, He Xiaojuan, Li Zhongxian, Lu Aiping. *Two Dimensions Data Slicing Algorithm, a New Approach in Mining Rules of Literature in Traditional Chinese Medicine*, **WISM'11-AICI**11.
2. **Guang Zheng**, Miao Jiang, Xiaojuan He, Jing Zhao, HongtaoGuo, Gao Chen, QinglinZha, Aiping Lu. *Discrete Derivative: A Data Slicing Algorithm for Exploration of Sharing Biological Networks between Rheumatoid Arthritis and Coronary Heart Disease*, **BioData Mining** 2011, 4:18 doi:10.1186/1756-0381-4-18.
3. **Guang Zheng**, Miao Jiang, Cheng Lu, HongtaoGuo, JunpingZhan,andAiping Lu, *Exploring the Biological Basis of Deficiency Pattern in Rheumatoid Arthritis through Text Mining*, BIBM 2011, 2011 IEEE International Conference on Bioinformatics and Biomedicine Workshops, pp. 811 - 816.
4. **Guang Zheng**, Xiaojuan He, Miao Jiang, and Aiping Lu, *Goal Based Bisimulation for Testing Therapies in Traditional Chinese Medicine*, 2010 IEEE International Conference on Bioinformatics and Biomedicine Workshops, BIBMW 2010, p 603-608, 2010, 2010 IEEE International Conference on Bioinformatics and Biomedicine Workshops, BIBMW 2010.
5. **Zheng Guang**, Li Lian, Chen Wenbo, He Anping, Wu Jinzhao. *Process algebra with chaos executing policy for unhealthy systems*. **Journal of Computers**, v 4, n 1, p 86-93, 2009.
6. Miao Jiang, Chi Zhang, **Guang Zheng**, HongtaoGuo, Li Li, Jing Yang, Cheng Lu,WeiJia, and Aiping Lu1.*Traditional ChineseMedicineZheng in the Era of Evidence-Based Medicine: A Literature Analysis*, Volume 2012, Article ID 409568.
7. Junping Zhan, **Guang Zheng**, Miao Jiang, Cheng Lu, HongtaoGuo, and Aiping Lu. Rule-Based Text Mining of Chinese Herbal Medicines with Patterns in Traditional Chinese Medicine for Chronic Obstructive Pulmonary Disease. WISM 2012, LNCS 7529, pp. 513–523, 2012.
8. **Guang Zheng**, Junping Zhan, HongtaoGuo, Miao Jiang, Cheng Lu, and Aiping Lu. Rule-based Text Mining of Traditional Chinese Medicine Patterns with Chinese Herbal Medicines and Symptoms on Cirrhosis. ITME2012, accepted.
9. GuoHongtao, **Zheng Guang**, Li Zhongxian, LvAiping. *Searching Rules of Acupuncture on Periarthritis of Shoulder by Data Slicing Algorithm*,   iTAP2011,
10. Li Zhongxian, Jiang Miao, Chen Gao, ZhaQinglin, **Zheng Guang**. Process algebra with timed-priority executing policy, **Journal of Software**, v 6, n 9, p 1688-1695, 2011.
11. Li Zhongxian, **Zheng Guang**, GuoHongtao, Yang Jinsheng, Lu Aiping. Applying discrete derivative algorithm in two dimensions in mining acupuncture and moxibustion rules on Bell's palsy. Proceedings - 2011 8th International Conference on Fuzzy Systems and Knowledge Discovery, **FSKD** 2011, v 3, p 1570-1574, 2011.