

Major Publications

● Books

Zhaohui Wu, Shuiguang Deng and Jian Wu, *Service Computing: Concepts, Methods and Technology*, Morgan Kaufmann Publishers Inc., 2014

Zhaohui Wu, Gang Pan, *SmartShadow: Models and Methods for Pervasive Computing*, Springer Science and Zhejiang University Press Co., Ltd., 2013

Zhaohui Wu, Huajun Chen, Xiaohong Jiang, *Modern Computational Approaches to Traditional Chinese Medicine*, Elsevier Inc. and Zhejiang University Press Co., Ltd., 2012

Zhaohui Wu, Shuiguang Deng, Jian Wu, *Service Computing and Service Technology*, Zhejiang University Press, 2009

Zhaohui Wu, Huajun Chen, *Semantic Grid: Model, Methodology and Applications*, Springer Science, Business Media LLC. and Zhejiang University Press Co., Ltd, 2008

● Papers

1. **Zhaohui Wu**, Jianwei Yin, Shuiguang Deng, Jian Wu, Ying Li, Liang Chen, Modern Service Industry and Crossover Services: Development and Trends in China, **IEEE Transactions on Service Computing**, 9(5)(2016)pp. 664-671.
2. **Zhaohui Wu**, Nenggan Zheng, Shaowu Zhang, Xiaoxiang Zheng, Liqiang Gao, Lijuan Su, Maze Learning by hybrid brain-computer systems, **Scientific Report**, 9(2016)
3. **Zhaohui Wu**, Yongdi Zhou, Zhongzhi Shi et al., Cyborg Intelligence: Recent Progress and Future Directions, **IEEE Intelligent Systems**, 31(6)(2016), pp.44-50
4. Zhenfang Hu, Gang Pan, Yueming Wang, **Zhaohui Wu**, Sparse Principal Component Analysis via Rotation and Truncation, **IEEE Transactions on Neural Networks and Learning Systems (TNNLS)**, 27(4):875-890, April 2016.
5. Longbiao Chen, JeremieJakubowicz, Dingqi Yang, **Zhaohui Wu**, Daqing Zhang, Gang Pan, Fine-Grained Urban Event Detection and Characterization Based on Tensor Co-Factorization, **IEEE Transactions on Human-Machine Systems (THMS)**, 2016(Accepted)
6. Shuiguang Deng, Hongyue Wu, Javid Taheri, Albert Zomaya, and **Zhaohui Wu**. Cost Performance Driven Service Mashup: A Developer Perspective. **IEEE Transactions on Parallel and Distributed Systems**, 27(8)(2016),pp.2234-2247
7. Shuiguang Deng, Longtao Huang, Daning Hu, J. Leon Zhao, **Zhaohui Wu**. Mobility-enabled Service Selection for Composite Services. **IEEE Transactions on Services Computing**, 9(3)(2016), pp.394-407

8. Jianwei Yin, Xingjian Lu, Calton Pu, **Zhaohui Wu**, Hanwei Chen, JTangCSB: A Cloud Service Bus for Cloud and Enterprise Application Integration, **IEEE Internet Computing**, 19(1) (2015), pp.35-43
9. Yueming Wang, Minlong Lu, **Zhaohui Wu**, Liwen Tian, Kedi Xu, Xiaoxiang Zheng, Gang Pan, Visual Cue-guided Rat Cyborg for Automatic Navigation, **IEEE Computational Intelligence Magazine**, 10(2)(2015), pp.42-52
10. Yueming Wang, Yu Qi, Junming Zhu, Jianmin Zhang, Yiwen Wang, Gang Pan, Xiaoxiang Zheng, **Zhaohui Wu**, A Cauchy-based State-Space Model for Seizure Detection in EEG Monitoring Systems, **IEEE Intelligent Systems**, 29(1):6-12, 2015.
11. Liang Chen, Jian Wu, Zibin Zheng, YananXie, Yilun Wang, Michael R. Lyu, **Zhaohui Wu**, 'Modeling and Exploring Tag Relevance for Web Service Mining', **International Journal of Knowledge and Information Systems**, Volume 39, Issue 1, 2014, pp.153-173.
12. Jian Wu, Liang Chen, Zibin Zheng, Michael R. Lyu, **Zhaohui Wu**, 'Clustering Web Services to Facilitate Service Discovery', **International Journal of Knowledge and Information Systems**, 38(1)(2014), pp. 207-229.
13. Gang Pan, Li Zhang, **Zhaohui Wu**, Shijian Li, Laurence Tianruo Yang, Man Lin, Yuanchun Shi, Pervasive Service Bus: A Smart SOA Infrastructure for Ambient Intelligence, **IEEE Intelligent Systems**, 29(4):52-60, July/August 2014.
14. **Zhaohui Wu**, Gang Pan, Jose C. Principe, Andrzej Cichocki, Cyborg Intelligence: Towards Bio-Machine Intelligent Systems, **IEEE Intelligent Systems**, 29(6):2-4, November/December 2014.
15. **Zhaohui Wu**, Yingchun Yang, Bingchao Xia, Zhenchuan Zhang, Gang Pan, Speech Interaction with a Rat, **Chinese Science Bulletin**, 59(28) (2014), pp.3579-3584
16. Weili Han, Zheran Fang, Laurence T. Yang, Gang Pan, **Zhaohui Wu**, Collaborative Policy Administration, **IEEE Transactions on Parallel and Distributed Systems (TPDS)**, 25(2):498-507, February 2014.
17. Ying Li, Bin Cao, Lida Xv, Jianwei Yin, Shuiguang Deng, Yuyu Yin, **ZhaohuiWu**, An Efficient Recommendation Method for Improving Business Process Modeling, **IEEE Transactions on Industrial Informatics**, 10(1)(2014), pp.502-513
18. Haifeng Liu, Yang Zheng, Yang Ji, **ZhaohuiWu**, XuelongLi, Local Coordinate Concept Factorization for Image Representation, **IEEE Transactionson Neural Networks and Learning Systems**, 25(6)(2014), pp.1071-1082
19. Jian Wu, Liang Chen, Zibin Zheng, Lyu, MR, **Zhaohui Wu**, Clustering Web Services to Facilitate Service Discovery, **Knowledge and Information Systems**, (38)(1)(2014), pp.207-229

20. Kejiang Ye, **Zhaohui Wu**, Bing Bing Zhou, Xiaohong Jiang, Wang Chen, Albert Y. Zomaya, Virt-B: Towards Performance Benchmarking of Virtual Machine Systems, **IEEE Internet Computing**, 18(3)(2014), Pages: 64-72
21. Shuiguang Deng, Longtao Huang, Wei Tan, **Zhaohui Wu**, Top-k Automatic Service Composition: A Parallel Method for Large-Scale Service Sets, **IEEE Transactions on Automation Science and Engineering**, 11(3)(2014), pp.891-905
22. Xi Chen, Huajun Chen, Xuan Bi, PeiqinGu, Jiaoyan Chen, **Zhaohui Wu**, BioTCM-SE: aSemanticSearch Engine for the Information Retrieval of Modern Biology and Traditional Chinese Medicine, *Computational and Mathematical Methods in Medicine*, Article ID: 957231, (2014), 13 Pages
23. Shuiguang Deng, Longtao Huang, Jian Wu, **Zhaohui Wu**, Trust-Based Personalized Service Recommendation: A Network Perspective, *Journal of Computer Science and Technology*, 29(1)(2014), pp.69-80
24. **Zhaohui Wu**, Gang Pan, Nenggan Zheng, Cyborg Intelligence, **IEEE Intelligent Systems**, 9(2013), pp. 31-33
25. 吴朝晖、李石坚、潘纲, 普适计算 2018: 发展趋势, *中国计算机学会通讯*, 9(2), (2013), pp.61-66
26. 吴朝晖、郑能干, 混合智能: 人工智能的新方向, *中国计算机学会通讯*, 8(1), (2012), pp.59-64
27. 吴朝晖、邓水光, 跨界服务: 现代服务业的创新服务模式, *中国计算机学会通讯*, 8(8), (2012), pp.42-45
28. **Zhaohui Wu**, Huajun Chen, From Semantic Grid to knowledge service cloud, *Journal of Zhejiang University - Science C*, 13(4) (2012), pp.253-256
29. Huajun Chen, **Zhaohui Wu**, Philippe Cudré-Mauroux, Semantic Web Meets Computational Intelligence: State of the Art and Perspectives, **IEEE Computational Intelligence Magazine**, 7(2) (2012), pp.67-74
30. Gang Pan, Yuqiong Xu, **Zhaohui Wu**, Shijian Li, Laurence Tianruo Yang, Man Lin, Zhong Liu, TaskShadow: Toward Seamless Task Migration across Smart Environments, **IEEE Intelligent Systems**, 26(3)(2011), pp.50-57