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Scholarly Contributions [Data Provided by **SCOPUS**]

Wang, L., Chen, D., Deng, Z., Huang, F.

[Large scale distributed visualization on computational Grids: A review](#)

(2011) Computers and Electrical Engineering, 37 (4), pp. 403-416.

Chen, W., Chen, D., Wang, Z.

[An approach to minimizing the interpretation overhead in Dynamic Binary Translation](#)

(2011) Journal of Supercomputing, pp. 1-22. Article in Press.

Wang, L., Chen, D., Huang, F.

[Virtual workflow system for distributed collaborative scientific applications on Grids](#)

(2011) Computers and Electrical Engineering, 37 (3), pp. 300-310.

Zheng, Q., Liu, Z., Xue, L., Tan, Y., Chen, D., Guan, X.

[An energy efficient clustering scheme with self-organized ID assignment for wireless sensor networks](#)

(2010) Proceedings of the International Conference on Parallel and Distributed Systems - ICPADS, art. no. 5695658, pp. 635-639.

Chen, J., Chen, D., Wang, L., Lemon, O.

[An advanced learning environment aided by recognition of multi-modal social signals](#)

(2010) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 6483 LNCS, pp. 41-51.

Chen, D., Wang, L., Wang, S., Xiong, M., Von Laszewski, G., Li, X.

[Enabling energy-efficient analysis of massive neural signals using GPGPU](#)

(2010) Proceedings - 2010 IEEE/ACM International Conference on Green Computing and Communications, GreenCom 2010, 2010 IEEE/ACM International Conference on Cyber, Physical and Social Computing, CPSCoM 2010, art. no. 5724824, pp. 147-154.

Bian, C., Chen, D., Wang, S.

[Velocity field based modelling and simulation of crowd in confrontation operations](#)

(2010) Proceedings of the International Conference on Parallel and Distributed Systems - ICPADS, art. no. 5695660, pp. 646-651.

Wang, B., Yao, Y., Hou, B., Liao, D., Chen, D.

[Knowledge aggregation in human flesh search](#)

(2010) Proceedings - 2010 IEEE/ACM International Conference on Green Computing and Communications, GreenCom 2010, 2010 IEEE/ACM International Conference on Cyber, Physical and Social Computing, CPSCoM 2010, art. no. 5724925, pp. 825-830.

Chen, D., Li, D., Xiong, M., Bao, H., Li, X.

[GPGPU-aided ensemble empirical-mode decomposition for EEG analysis during anesthesia](#)

(2010) IEEE Transactions on Information Technology in Biomedicine, 14 (6), art. no. 5560833, pp. 1417-1427.

Wang, L., Von Laszewski, G., Chen, D., Tao, J., Kunze, M.

[Provide virtual machine information for grid computing](#)

(2010) IEEE Transactions on Systems, Man, and Cybernetics Part A:Systems and Humans, 40 (6), art. no. 5546997, pp. 1362-1374.

Chen, W., Wang, Z., Chen, D.

[An emulator for executing IA-32 applications on ARM-based systems](#)

(2010) Journal of Computers, 5 (7), pp. 1133-1141.

Xiong, M., Chen, D., Jin, H., Wu, S.

[Multi-path based algorithms for data transfer in the Grid environment](#)

(2010) New Generation Computing, 28 (2), pp. 129-136.

Chen, D., Turner, S.J., Cai, W., Theodoropoulos, G.K., Xiong, M., Lees, M.

[Synchronization in federation community networks](#)

(2010) Journal of Parallel and Distributed Computing, 70 (2), pp. 144-159.

Chen, D., Bian, C.

[Towards hybrid grid infrastructure for large simulations](#)

(2009) Proceedings of the International Conference on Parallel and Distributed Systems - ICPADS, art. no. 5395374, pp. 716-721.