

*萬書言副教授

所有發表期刊論文

1. Kuo-Ching Ying, Shih-Wei Lin, and **Shu-Yen Wan**, "Bi-objective Reentrant Hybrid Flowshop Scheduling: An Iterated Pareto Greedy Algorithm," *International Journal of Production Research*, accepted for publication, 2014.
2. **Shu-Yen Wan**, Che-Yao Chang, Chun-Ling Wang, and Kun-Ju Lin, "Stateless Two-Stage Multiple Criteria Scheduling in Nuclear Medicine," *Mathematical Problems in Engineering*, vol. 2014, article ID 642649, 6 pages, 2014. DOI: 10.1155/2014/646249. (NSC101-2218-E-182A-001, CRRPD5C0251)
3. Wen-Chung Chiang, Hsiu-Hsia Lin, Chiung-Shing Huang, Lun-Jou Lo, and **Shu-Yen Wan***, "The Cluster Assessment of Facial Attractiveness Using Fuzzy Neural Network Classifier Based on 3D Moire Features," *Pattern Recognition*, vol. 47, no. 3, pp. 1249-1260, 2014. DOI: 10.1016/j.patcog.2013.09.007. (NSC-97-2221-E-182-037-MY3, NSC-101-2221-E-182-013)
4. Chung-Chih Yu, **Shu-Yen Wan***, and Che-Yao Chang, "Commentary on 'The labial aging process: a surface analysis based 3D evaluation,'" *Aesthetic Plastic Surgery*, 38(1), pp. 242-243, 2014. DOI: <http://dx.doi.org/10.1007/s00266-013-0240-z>
5. **Shu-Yen Wan**, "Analysis of Tubular Structures in 3-D CT Images Using Parallelizable Segmentation," *International Journal of Emerging Technology and Advanced Engineering*, vol. 3, no. 12, pp. 291-296, 2013.
6. Hsiu-Hsia Lin, Wen-Chung Chiang, Lun-Jou Lo, Sam Sheng-Pin Hsu, Chien-Hsuan Wang, and **Shu-Yen Wan***, "Artifact-Resistant Superimposition of Digital Dental Models and Cone-Beam Computed Tomography Images," *Journal of Oral and Maxillofacial Surgery*, vol. 71, no. 11, pp. 1933-1947, 2013. (NSC-97-2221-E-182-037-MY3, NSC-101-2221-E-182-013)
7. Hong-Wen Kao, Shih-Wei Lin, and **Shu-Yen Wan**, "Applying Decision Tree to Predict Nursing Turnover – A Case Study in a Public Hospital," *The Journal of Taiwan Association for Medical Informatics*, vol. 21, no. 4, pp. 15-30, 2012. (NSC-97-2221-E-182-037-MY3).
8. Chia-Fone Lee, Gen-Jia Li, **Shu-Yen Wan**, Wen-Jeng Lee, Kai-yuan Tzen, Chiung-Hsiang Chen, Yu-Lin Song, Yuan-Fang Chou, Yuh-Shyang Chen, and Tien-Chen Liu, "Registration of micro-CT and histology images of the guinea pig cochlea to construct ear model using iterative closest point algorithm," *Annals of Biomedical Engineering*, vol. 38, no. 5, pp. 1719-1727, 2010. (NSC-96-2221-E-182-042, NSC-97-2221-E-182-037-MY3)

9. **Shu-Yen Wan** and William E. Higgins, "Symmetric Region Growing," *IEEE Transactions on Image Processing*, vol. 12, no. 9, pp. 1007-1015, 2003. (NSC-90-2314-B-182-093)
10. **Jiann-Der Lee, Shu-Yen Wan, and Rui-Feng Wu**, "A Hybrid Compression Model for Clusters of Similar Medical Images," *Biomedical Engineering, Applications, Basis, and Communication*, vol. 15, no. 1, pp. 38-45, Feb. 2003. (EI)
11. Cherng-Min Ma, **Shu-Yen Wan**, and Jiann-Der Lee, "3D Topology Preserving Reduction on the 4-Subfields," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 24, no. 12, pp. 1594-1605, 2002. (EI)(NSC89-2213-E-182-013)
12. **Shu-Yen Wan**, Erik L. Ritman, and William E. Higgins, "Multi-generational Analysis and Visualization of the Vascular Tree in 3-D Micro-CT Images," *Computers in Biology and Medicine*, vol. 32, no. 2, pp. 55-71, 2002. (SCI) (NSC-89-2314-B-182-147-M08)
13. **Shu-Yen Wan, Cherng-Min Ma, Eric Nung, Chih-Wei Chen, and Chia-Yu Hsu**, "Development Of Embeddable Real-Time Image Analysis Assistant – Using Tubular Medical Images As The Example," *Journal of Taiwan Association for Medical Informatics*, no. 15, pp. 1-16, Sept. 2002. (NSC-89-2314-B-182-147-M08; NSC-90-2314-B-182-093)
14. *Cherng-Min Ma, Shu-Yen Wan, and H.K. Chang*, "Extracting Medial Curves On 3D Images," *Pattern Recognition Letters*, vol. 23, no. 8, pp. 895-904, 2002. (NSC89-2213-E-182-013)
15. Jiann-Der Lee, **Shu-Yen Wan***, and Cherng-Min Ma, "Inter-Slice Interpolation of Anisotropic 3-D Medical Images Using Multi-resolution Contour Correlation," in *Medical Imaging 2002: Image Processing*, Milan Sonka, J. Michael Fitzpatrick, Editors, Proceedings of SPIE Vol. 4684, pp. 1112-1122 (2002). (EI)
16. Cherng-Min Ma and **Shu-Yen Wan**, "Thinning On 2D Gray-Level Images," in *Medical Imaging 2002: Image Processing*, Milan Sonka, J. Michael Fitzpatrick, Editors, Proceedings of SPIE Vol. 4684, pp. 893-900 (2002). (EI) (NSC89-2213-E-182-013)
17. Jiann-Der Lee, **Shu-Yen Wan**, and In-Kai Hung, "Design and Implementation of a PC-based Multimedia Biosignal integration system," *Biomedical Engineering, Applications, Basis, and Communication*, vol. 13, No. 6, pp. 12-20, Dec. 2001. (EI)
18. **Cherng-Min Ma and Shu-Yen Wan**, "A Medial-Surface Oriented 3-D Two-Subfield Thinning Algorithm," *Pattern Recognition Letters*, vol. 22, no.

- 13, pp. 1439-1446, 2001. (NSC89-2213-E-182-013)
19. **Shu-Yen Wan**, Erik L. Ritman, and William E. Higgins, "(N)-furcation Analysis and Visualization of Large 3D Vascular Images," *SPIE Medical Imaging 2001: Image Processing*, Milan Sonka and Kenneth M. Hanson ed., SPIE Proceedings, vol. 4322, pp. 766-775, 2001. (EI)
 20. **Shu-Yen Wan**, Atilla P. Kiraly, Erik L. Ritman, and William E. Higgins, "Extraction of the Hepatic Vasculature in Rats Using 3D Micro-CT Images," *IEEE Transactions on Medical Imaging*, vol. 19, no. 9, pp. 964-971, Sep. 2000.
 21. **Shu-Yen Wan, Cherng-Min Ma, Erik L. Ritman, and William E. Higgins**, "Exploration of The Vascular Geometry in 3D CT Images," *Journal of Taiwan Association for Medical Informatics*, no. 12, pp. 15-26, Dec. 2000. (NSC-89-2314-B-182-147-M08)
 22. **Cherng-Min Ma and Shu-Yen Wan**, "Parallel Thinning Algorithm on 3D (18,6) Binary Images," *Computer Vision and Image Understanding*, vol. 80, no. 3, pp. 364-378, 2000.
 23. **Shu-Yen Wan, Patricia E. Lund, Denise A. Reyes, Catherine, A. Seaman, William E. Higgins, and Erik L. Ritman**, "Heterogeneity of Coronary Arterial Branching Geometry," *SPIE Medical Imaging 2000: Physiology and Function from Multidimensional Images*, A. Clough and C.T. Chen eds., SPIE Proceedings, vol. 3978, pp. 515-520, 2000. (EI)
 24. Anthony J. Sherbondy, Atilla P. Kiraly, Allen L. Austin, James P. Helferty, **Shu-Yen Wan**, Janice Z Turlington, Tao Yang, Chao Zhang, Eric A. Hoffman, Geoffrey McLennan and W.E. Higgins, "Virtual Bronchoscopic Approach for Combining 3D CT and Endoscopic Video," *SPIE Medical Imaging 2000: Physiology and Function from Multidimensional Images*, A. Clough and C.T. Chen ed., SPIE Proceedings, vol. 3978, pp. 104-116, 2000. (EI)
 25. **Shu-Yen Wan**, Erik L. Ritman, and William E. Higgins, "Extraction and analysis of large vascular networks in 3D Micro CT images," *SPIE Medical Imaging 1999: Physiology and Function from Multidimensional Images*, A. Clough and C.T. Chen, ed., SPIE Proceedings vol. 3660, pp. 322-334, 1999. (EI)