102 年 11 月 通過 學術審查

年　　級：博七 （93 博入）

著作列表

Journal Papers

1. PALS db: Putative Alternative Splicing database. Yen-Hua Huang, Yu-Tin Chen, **Jiunn-Jei Lai**, Shih-Te Yang, Ueng-Cheng Yang. Nucleic Acids Res. 2002 Jan 1;30(1):186-90 (SCI Impact Factor: 7.051)

2. Whole-exome sequencing to identify a novel LMNA gene mutation associated with inherited cardiac conduction disease. **Chun-Chi Lai**, Yung-Hsin Yeh, Wen-Ping Hsieh, Chi-Tai Kuo, Wen-Ching Wang, Chia-Han Chu, Chiu-Lien Hung, Chia-Yang Cheng, Hsin-Yi Tsai, Jia-Lin Lee, Chuan-Yi Tang, Lung-An Hsu. PLoS ONE (PONE-D-13-26690R1, Accept, SCI 5-Year Impact Factor：4.244, Rank **Q1** 7/56)

Conference Posters

1. Guide of Putative Alternative Splicing Site Database. Yen-hua Huang, Yu-tin Chen, **Jiunn-Jei Lai**, Ueng-Cheng Yang. (GIW 2001, The Twelfth International Conference on Genome Informatics)

2. VHB: a web-based Visualization tool to compare the Haplotype Blocks of a study sample with the 1000 genome project data. **Chun-Chi Lai**, Yu-Tin Chen, Wen-Ping Hsieh, Chuan-Yi Tang (ASHG 2013, The American Society of Human Genetics 63rd Annual Meeting)

年　　級：博_七_ (98 入學)

著作列表

Journal Papers

1. **Su-Ian Eugene Lei**, Ying-Chieh Chen, Hsiang-Ting Chen, Chun-Fa Chang, "Interactive Physics-based Ink Splattering Art Creation". Computer Graphics Forum, Vol32, Issue 7, Pages 147-156, September 2013 (SCI, 2011, IF=1.634, 5-Year IF=1.814)

2. Ying-Chieh Chen, **Su-Ian Eugene Lei**, and Chun-Fa Chang. "Spatio-temporal Filtering of Indirect Lighting for Interactive Global Illumination". Computer Graphics Forum, Vol.31, Issue 1, Pages 189-201, February 2012 (SCI, 2011, IF=1.634, 5-Year IF=1.814)

Conference Papers

1. **Su Ian Eugene Lei**, Ying-Chieh Chen, Hsiang-Ting Chen, Chun-Fa Chang: Real-time physics-based ink splattering art creation. Proceedings of the ACM SIGGRAPH Symposium on Interactive 3D Graphics and Games, Page 191

2. Jun-Wei Chang, **Su Ian Eugene Lei**, Chun-Fa Chang, Yu-Jung Cheng: Real-Time Rendering of Splashing Stream Water. Proceedings of the Third International Conference on International Information Hiding and Multimedia Signal Processing (IIH-MSP 2007) - Volume 01, Pages 337-340

3. **Su Ian Eugene Lei**, Chun-Fa Chang: Real-Time Rendering of Watercolor Effects for Virtual Environments. Proceedings of the 5th Pacific Rim conference on Advances in Multimedia Information Processing - Volume Part III, Pages 474-481. **(Google scholar citation: 20)**

年　　級：博五 （98 博入）

著作列表

International Journal Papers

1. **Y. L. Chen**, C. T. Hsu, and H. Y. Mark Liao, "Simultaneous Tensor Decomposition and Completion Using Factor Priors," *IEEE Transaction on Pattern Analysis and Machine Intelligence (PAMI)*, accepted, 2013. (SCI, 2012's IF: 4.795, Ranking: 4/115 (Computer Science, Artificial Intelligence))

2. **Y. L. Chen** and C. T. Hsu, "Multilinear Graph Embedding: Representation and Regularization for Images," *IEEE Transaction on Image Processing (TIP)*, accepted, 2013. (SCI, 2012's IF: 3.199, Ranking: 13/115 (Computer Science, Artificial Intelligence))

3. **Y. L. Chen** and C. T. Hsu, "Subspace Learning for Facial Age Estimation Via Pairwise Age Ranking," *IEEE Transaction on Information Forensic and Security (TIFS)*, accepted, 2013. (SCI, 2012's IF: 1.895, Ranking: 14/100 (Computer Science, Theory & Method))

4. **Y. L. Chen** and C. T. Hsu, "Detecting Recompression of JPEG Images via Periodicity Analysis of Compression Artifacts for Tampering Detection," *IEEE Transaction on Information Forensic and Security (TIFS)*, vol. 6, no. 2, pp. 396-406, 2011. (SCI, 2012's IF: 1.895, Ranking: 14/100 (Computer Science, Theory & Method))

International Conference Papers

1. **Y. L. Chen** and C. T. Hsu, "A Generalized Low-Rank Appearance Model for Spatio-Temporally Correlated Rain Streaks," accepted by *International Conference on Computer Vision (ICCV)*, 2013. (EI, Top conference in CV, acceptance rate=27% (454/1629))

2. **Y. L. Chen** and C. T. Hsu, "What Has Been Tampered? From A Sparse Manipulation Perspective," in *Proc. International Workshop on Multimedia Signal Processing (MMSP)*, 2013. (EI)

3. Y. S. Lai, **Y. L. Chen**, and C. T. Hsu, "Single Image Dehazing With Optimal Transmission Map," in *Proc. International Conference on Pattern Recognition (ICPR)*, 2012. (EI)

4. **Y. L. Chen** and C. T. Hsu, "Time-Variant Modeling for General Surface Appearance," in *Proc. International Conference on Image Processing (ICIP)*, 2011. (EI)

5. W. C. Chiou, **Y. L. Chen**, and C. T. Hsu, "Color Transfer for Complex Content Images Based on Intrinsic Component," in *Proc. International Workshop on Multimedia Signal Processing (MMSP)*, 2010. (EI)

6. **Y. L. Chen** and C. T. Hsu, "Detecting Doubly Compressed Images Based on Quantization Noise Model and Image Restoration," in *Proc. International Workshop on Multimedia Signal Processing (MMSP)*, 2009. (EI)

7. **Y. L. Chen** and C. T. Hsu, "Image Tampering Detection By Blocking Periodicity Analysis in JPEG Compressed Images," in *Proc. International Workshop on Multimedia Signal Processing (MMSP)*, 2008. (EI)

Domestic Conference Papers

1. Kai-Wen Luo, Kuei-Hua Chen, **Yi-Lei Chen**, and Chiou-Ting Hsu, "Facial Age Estimation Based on Person-Independent Nonnegative Matrix Factorization," in *Proc. IPPR Conference on Computer Vision, Graphics and Image Processing (CVGIP*, Chia-Yi, Taiwan, Aug. 2011. (Best paper award)

Under Revision

1. Y. S. Lai, C. J. Chiou, **Y. L. Chen**, and C. T. Hsu, "Single Image Dehazing Via Optimal Transmission Map," submitted to *IEEE Transaction on Image Processing (TIP)*, Sep., 2013. (under revision)