

Chia-Chen Lin 林家禎



Biography

Chia-Chen Lin (also known as Min-Hui Lin) received her B.S. degree in information management in 1992 from the Tamkang University, Taipei, Taiwan. She received both her M.S. degree in information management in 1994 and Ph.D. degree in information management in 1998 from the National Chiao Tung University, Hsinchu, Taiwan. Dr. Lin served as Visiting Associate Professor at the Business School of the University of Illinois at Urbana Champaign during the period of August 2006 to July 2007. The visiting scholarship was appointed and sponsored by the Ministry of Education, Taiwan. From August 2008 to August 2009, she was the Associate Dean of Academic Affairs of Providence University. From August 2009 to August 2010, she was the Dean of Research and Development of Providence University. Dr. Lin is currently a professor of the Department of Computer Science and Information Management, Providence University, Sha-Lu, Taiwan. She is also a member of IEEE. Her research interests include image processing, image hiding and electronic commerce.

Academic Activities

▀ General Co-Chairs

■ 2005 Taiwan Conference on Business and Information (TBI2005)

■ 2009 The Second International Workshop on Multimedia, Information Privacy and Intelligent Computing Systems (MPIS-09), December 10 ~ 12, 2009, Jeju Island, Korea.

▀ Co-Program Chair

■ 2009, The Second International Workshop on Multimedia, Information Privacy and Intelligent Computing Systems (MPIS-2009), MPIS-2009, December 10 ~ 12, 2009, (<http://www.ftrg.org/MPIS2009>)

■ 2008, The First International Workshop on Multimedia, Information Privacy and Intelligent Computing Systems (MPIS-08), December 9~10, 2008, Jiaosi, Yilan, Taiwan.

2008, International Workshop on E-Commerce Services and Applications (ECSA-08), December 9~10, 2008, Jiaosi, Yilan, Taiwan.

Program Committee

2005 Taiwan Conference on Business and Information (TBI2005)

2006, IADIS International Conference e-Commerce, 9-11 December 2006, Barcelona, Spain. (<http://www.iadis.org/ec2006/committees.asp>)

2007, The 2007 International Conference on e-Administration, Harbour Plaza, Hong Kong, August 15-17.

2007, The Third International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2007), Kaohsiung, Taiwan

2007, IADIS International Conference e-Commerce, 7 to 9 December 2007, Algarve – Portugal. (<http://www.ecommerce-conf.org/2007/committees.asp>)

2008, The 2008 International Conference on e-Administration, March 27-29, Bangkok, Thailand. (<http://www.e-case.org/e-Administration2008/committee.htm>)

2008, The Fourth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2008), August 15 - 17, 2008, Harbin, China. (<http://bit.kuas.edu.tw/~iihmSP08/>)

2008, The International Conference on Intelligent Systems Design and Applications (ISDA '08), November 26-28, Kaohsiung, Taiwan

2008, IADIS International Conference e-Commerce, 25 - 27 July 2008, Amsterdam, The Netherlands. (<http://www.ecommerce-conf.org/2008/>)

2008, The 2nd International Conference on Future Generation Communication and Networking (FGCN 2008), December 13 ~ 15, 2008, Horizon Resort, Sanya, Hainan Island, China. (<http://www.sersc.org/FGCN2008/committee.php>)

2009, The Fifth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2009), September 12 - 14, 2009 Kyoto, Japan. (<http://bit.kuas.edu.tw/~iihmSP09/>)

The 2009 International Conference on e-Commerce, e-Administration, e-Society, and e-Education (e-CASE 2009), Singapore. (<http://www.e-case.org/2009/index.html>)

2009, The International Conference on Intelligent Systems Design and Applications (ISDA '09), November 30-December 2, 2009, Pisa, Italy

(<http://cig.iet.unipi.it/isda09/>)

■2009, The 3rd International Conference on Future Generation Communication and Networking (FGCN 2009), December 10 ~ 12, 2009, Jeus Island, Koera.

(<http://www.sersc.org/FGCN2009/committee.php>)

■2010, The 2010 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology (e-CASE & e-Tech 2010), Macau, January 25-27, 2010.to be held in January 25-27, 2010 Macau.

(<http://www.e-case.org/2010/>)

■2010, The Sixth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2010), Oct. 15, 2010 - Oct 15, 2010, Darmstadt, Germany. (<http://www.igd.fraunhofer.de/idb/iihmosp10/>)

■2011, The 2011 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology (e-CASE & e-Tech 2011), Tokyo, January 18-21, 2011.(<http://www.e-case.org/2011>)

■ International Advisory Board

■International Conference on Technology, Communication and Education (I-TCE 2008), sponsored by the IEEE education Society and by the IEEE Gulf Education, Kuwait

■ Session Chair

■2005 International Conference on Computational Intelligent and Security, Xi'an China, Dec. 15-19, 2005.

■The 5th WSEAS Int. Conf. on APPLIED COMPUTER SCIENCE (ACOS '06), Hangzhou, China, April 16-18, 2006

■The 6th WSEAS Int. Conf. on MULTIMEDIA SYSTEMS & SIGNAL PROCESSING (MUSP '06), Hangzhou, China, April 16-18, 2006

■2007, The Third International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2007), Kaohsiung, Taiwan

■2008, The Fourth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2008), August 15 - 17, 2008 Harbin, China. (<http://bit.kuas.edu.tw/~iihmosp08/>)

■2008, The International Conference on Intelligent Systems Design and Applications (ISDA '08), November 26-28, Kaohsiung, Taiwan

■2009, The Fifth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2009), September 12 - 14, 2009, Kyoto, Japan. (<http://bit.kuas.edu.tw/~iihmSP09/>)

■2010, The Sixth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2010), Oct. 15, 2010 - Oct 15, 2010, Darmstadt, Germany. (<http://www.igd.fraunhofer.de/idb/iihmSP10/>)

■Reviewer

before 2004

■Pattern Recognition Letters (2003, Sept. & 2004, Jan.)

■International Journal Computer Standards & Interfaces (2004, Jan.)

■Information Sciences (May)

■IEEE Transactions on Image Processing (June)

■IEEE Transactions on Mobile Computing

2005

■Imaging Science Journal (May)

■Computers & Electrical Engineering (June)

■2005 International Conference on Computational Intelligent and Security, Xi'an China, Dec. 15-19, 2005. (August)

■IEEE Transactions on Circuits and Systems for Video Technology (Sept.)

■Information Sciences (March, Oct.)

2006

■Journal of Systems and Software (Feb.)

■Journal of Information Technology and Applications (Feb.)

■IEEE Transactions on Information Forensics and Security (March)

■IEEE Transactions on Medical Imaging (May)

■IEEE Transactions on Circuits and Systems for Video Technology (May)

■Journal of Electronic Commerce Research (June)

- IADIS e-Commerce 2006 Conference (August)
- International Journal of Business and Information (Dec.)

2007

- The 6th WSEAS Int. Conf. on INSTRUMENTATION MEASUREMENT CIRCUITS and SYSTEMS (IMCAS '07)(Jan.)
- The 7th WSEAS Int. Conf. on MULTIMEDIA SYSTEMS & SIGNAL PROCESSING (MUSP '07)(Jan.)
- The 6th WSEAS Int.Conf. on TELECOMMUNICATIONS and INFORMATICS (TELE-INFO '07)(Jan.)
- The 9th WSEAS Int.Conf. on AUTOMATIC CONTROL MODELING & SIMULATION (ACMOS '07)(Jan.)
- IEE Proc. Vision, Image & Signal Processing (Feb.)
- IET Computers & Digital Techniques (Feb.)
- IET Information Security (Feb.)
- Pattern Recognition Letters (April)

2008

- IEEE Transactions on Circuits and Systems for Video Technology (March)
- Applied Mathematics and Computation (March)
- Journal of Systems and Software (March, April, August)
- IET Information Security (Feb., April, August)
- Computers & Security (March, April, July, August)
- IEEE Transactions on Multimedia (August)
- The Imaging Science Journal (May)
- Pacific-Asia Conference on Information Systems 2008 (April)
- IADIS e-Commerce 2008 Conference (April)
- International Journal of Business and Information (Dec.)
- Signal Processing (August)
- International Journal of Business and Information (July)
- EURASIP Journal on Wireless Communications and Networking (July)
- The 2nd International Conference on Future Generation Communication and Networking (FGCN 2008)
- The Fourth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2008), August 15 - 17, 2008 Harbin, China. (<http://bit.kuas.edu.tw/~iihmSP08/>)

■ The International Conference on Intelligent Systems Design and Applications (ISDA'08), November 26-28, Kaohsiung, Taiwan

■ The First International Workshop on Multimedia, Information Privacy and Intelligent Computing Systems (MPIS-08)

■ 2008, International Workshop on E-Commerce Services and Applications (ECSA-08)

2009

■ Information Sciences (May)

■ African Journal of Mathematics and Computer Science Research (July)

■ IET Information Security (June, Nov.)

■ The Imaging Science Journal (May)

■ International Journal of Business and Information (Dec.)

■ Signal Processing (May)

■ International Journal of Business and Information (July, Nov.)

■ Journal of Engineering and Technology Research (July)

■ The Computer Journal (June)

■ Journal of Computer (Feb.)

■ Journal of Systems and Software (Feb.)

■ The 3rd International Conference on Future Generation Communication and Networking (FGCN 2009)

■ 2009, The Fifth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP-2009), September 12 - 14, 2009 Kyoto, Japan. (<http://bit.kuas.edu.tw/~iihmSP09/>)

■ The 2009 International Conference on e-Commerce, e-Administration, e-Society, and e-Education (e-CASE 2009), Singapore. (<http://www.e-case.org/2009/index.html>)

■ 2009, The International Conference on Intelligent Systems Design and Applications (ISDA'09), November 30-December 2, 2009, Pisa, Italy (<http://cig.iet.unipi.it/isda09/>)

■ 2009, The 3rd International Conference on Future Generation Communication and Networking (FGCN 2009), December 10 ~ 12, 2009, Jeju Island, Korea. (<http://www.sersc.org/FGCN2009/committee.php>)

■ 2010, The 2010 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology (e-CASE & e-Tech 2010), Macau, January 25-27, 2010. to be held in January 25-27, 2010 Macau. (<http://www.e-case.org/2010/>)

2010

- Information Sciences (April)
- IET Image Processing (Sept.)
- Journal of Electronic Imaging (Sept.)
- International Journal of Business and Information (Dec.)
- Signal Processing (May)
- International Journal of Business and Information (July, Nov.)
- Electronic Commerce Research and Applications (July)
- Optical Engineering (May)
- Journal of Systems and Software (March, April, Sept.)
- 2011, The 2011 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology (e-CASE & e-Tech 2011), Tokyo, January 18-21, 2011. (<http://www.e-case.org/2011>)

■ Two Best paper Award from the International conferences

- Chang, C. C., Lin, C. C., Le, T. H. N. and Le, H. B., “A Probabilistic Visual Secret Sharing Scheme for Grayscale Images with Voting Strategy,” Proceedings of International Symposium on Electronic Commerce and Security (ISECS 2008), Aug. 2008. Guangzhou, China, pp. 184-188.
- Chia-Chen Lin and Jui-Sung He, “A Path Selection Algorithm for Mobile Agents-based e-Marketplace,” e-CASE2007 International Joint Conference on e-Commerce, e-Administration, e-Society, and e-Education, Hongkong, 2007. (<http://www.knowledgetaiwan.org/eCASE2007/index.htm>)

Name: Chia-Chen Lin (also known as Min-Hui Lin)

(A) Journal Papers

SCI/EI Journal Papers:

- [1] Ying-Hueih Chen, I-Chieh Hsu, and Chia-Chen Lin, “Website Attributes that Increase Consumer Purchase Intention: A Conjoint Analysis,” Accepted by *Journal of Business Research*, September, Sept. 2009. **(SSCI)**
- [2] Chia-Chen Lin*, Pei-Feng Shiu, “DCT-based Reversible Data Hiding Scheme,” *Journal of Software*, Vol. 5, No.2, 2010, pp.214-224. **(EI)**
- [3] Chang, C. C., Lin, C. C.*, Le, T. H. N. and Le, H. B., “Self-Verifying Visual Secret Sharing Using Error Diffusion and Interpolation Techniques,” *IEEE Transactions on Information Forensics and Security*, Vol. 4, Issue 4, Dec. 2009, pp. 791-801. **(SCI, EI, Impact Factor:2.338, Rank:10/92=10.87%, Category: COMPUTER SCIENCE, THEORY & METHODS)**
- [4] Wang, Z. H., Chang, C. C., Lin, C. C.* and Li, M. C., “A Reversible Information Hiding Scheme Using Left-Right and Up-Down Chinese Character Representation,” *Journal of Systems and Software*, Vol. 82, No. 8, 2009, pp. 1362-1369. **(SCI, EI, Impact Factor:1.340, Rank:29/92=31.52%, Category: COMPUTER SCIENCE, THEORY & METHODS)**
- [5] Chin-Chen Chang, Guei-Mei Chen, Chia-Chen Lin*, “Lossless Compression Schemes of Vector Quantization Indices Using State Codebook,” *Journal of Software*, Vol. 4, No.4, 2009, pp. 274-282. **(EI)**
- [6] Chang, C. C., Lin, C. C., Le, T. H. N. and Le, H. B., “Sharing a Verifiable Secret Image Using Two Shadows,” *Pattern Recognition*, Vol. 42, Issue 11, Nov. 2009, pp. 3097-3114. **(SCI, EI, Impact Factor:2.554, Rank:23/246=9.35%, Category: ENGINEERING, ELECTRICAL & ELECTRONIC)**
- [7] Chang, C. C., Lin, C. C.* and Chen, Y. H., “Hiding Data in Color Palette Images with Hybrid Strategies,” *Imaging Science Journal*, Vol. 57, No. 1, Feb. 2009, pp. 19-29. **(SCI, EI, Impact Factor:0.169, Rank:12/13=92.31%, Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY)**
- [8] Lin, C. C.*, Chen, Y. H. and Chang, C. C., “LSB-based High-Capacity Data

- Embedding Scheme for Digital Images,” *Internal Journal of Innovative Computing, Info. and Control*, Vol. 5, No. 11, Nov. 2009, pp.4283-4289. **(EI, SCI-Expanded, Impact Factor:2.932, Rank:3/59=3.08%, Category: AUTOMATION & CONTROL SYSTEMS)**
- [9] Chin-Chen Chang*, Yi-Hui Chen, and Chia-Chen Lin, “A Data Embedding Scheme for Color Images Based on Genetic Algorithm and Absolute Moment Block Truncation Coding,” *Soft Computing*, Vol. 13, No. 4, 2009, pp. 321-331. **(SCI Expanded, Impact Factor:1.328, Rank:41/95=43.16%, Category: COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS)**
- [10] Chin-Chen Chang, Chia-Chen Lin* and Yi-Hui Chen “Adaptive Data Embedding Scheme Based on Similar and Dissimilar Clustering Strategies,” accepted by *Fundamenta Informaticae* (June 2008). **(EI, SCI Expanded, Impact Factor: 0.874, Category: Computer Science, Software Engineering)**
- [11] Chang, C. C., Lin, C. C.*, Le, T. H. N. and Le, H. B., “A Probabilistic Visual Secret Sharing Scheme for Grayscale Images with Voting Strategy,” *International Journal of Intelligent Inf. Tech. Application*, Vo. 1, No. 1, pp. 1-9, Aug. 2008.
- [12] Chia-Chen Lin*, Wei-Liang Tai, and Chin-Chen Chang, “Multilevel Reversible Data Hiding Based on Histogram Modification of Difference Images,” *Pattern Recognition*, Vol. 41, No. 12, December 2008, pp. 3582-3591. **(SCI, EI, Impact Factor:2.016, Rank:25/227, Category: ENGINEERING, ELECTRICAL & ELECTRONIC)**
- [13] C. C. Chang, C. C. Lin* and Y. H. Chen, “A Reversible Data Embedding Scheme Using Differences Between Original and Predicted Pixel Values,” Vol. 2, Issue 2, June 2008 *IET Information Security*, pp. 35-46. **(EI)**
- [14] Chang, C. C., Chen, G. M. and Lin, C. C., “Lossless Compression Schemes of Vector Quantization Indices Using State Codebook,” Accepted by *Journal of Computers*, Dec. 2008.
- [15] Chang, C. C., Lin, I. C. * and Lin, M. H., “A Novel Location Tracking Scheme for Reducing Location Updating Traffic in a Personal Communication System,” *Wireless Personal Communications*, Vol. 44, No. 2, pp. 139-152, Jan. 2008. **(SCI, EI)**

- [16] Chia-Chen Lin*, Shing-Shoung Wang, “An Edge-based Image Copy Detection Scheme,” *Fundamenta Informaticae*, Volume 83, Number 3, 2008, pp. 299-318. **(EI, SCI Expanded, Impact Factor: 0.874, Category: Computer Science, Software Engineering)**
- [17] C. C. Chang, C. C. Lin*, C. H. Lin and Y. H. Chen, “A Novel Secret Image Sharing Scheme in Color Images Using Small Shadow Images,” *Information Sciences*, Volume 178, Number 11, June 2008, pp. 2433-2477. **(SCI, Impact Factor: 2.147, Category: Computer Science, Software Engineering)**
- [18] Wu, M. N., Lin, C. C.* and Chang, C. C., “An Embedding Technique Based upon Block Prediction,” *Journal of Systems and Software*, Volume 81, Issue 9, September 2008, pp. 1505-1516. **(SCI Expanded, Impact Factor: 0.799, Category: Computer Science, Theory & Methods)**
- [19] Yi-Hui Chen, Chin-Chen Chang* and Chia-Chen Lin, “Adaptive Data Embedding Using VQ and Clustering,” *Journal of Innovative Computing, Information and Control (IJICIC)*, Volume 3, Number 6(A), December 2007, pp.1471-1485. **(SCI Expanded, Impact Factor: 1.537, Category: Automation & Control Systems, Rank: 8/52)**
- [20] Chin-Chen Chang, Chia-Chen Lin*, Chun-Sen Tseng, Wei-Liang Tai, “Reversible Hiding in DCT-Based Compressed Images,” *Information Sciences*, Vol. 177, Issue 13, July 2007, pp. 2768-2786 **(SCI Expanded, Impact Factor: 1.177, Category: Computer Science, Information Systems, Rank: 10/92).**
- [21] Y. C. Hu*, C. C. Lin, and K. L. Chi, “Block Prediction Vector Quantization for Grayscale Image Compression,” *Fundamenta Informaticae*, Vol. 78, No. 2, 2007, pp. 257-270. **(EI, SCI Expanded, Impact factor: 0.874, Category: Computer Science, Software Engineering)**
- [22] Chin-Chen Chang, Chia-Chen Lin* and, Yih-Shin Hu, “An SVD Oriented Watermark Embedding Scheme with High Qualities for the Restored Images,” *International Journal of Innovative Computing, Information and Control (IJICIC)*, Volume 3, Number 3, June 2007, pp.609-620. **(SCI Expanded, Impact Factor: 1.537, Category: Automation & Control Systems, Rank: 8/52)**
- [23] Wu, M. N., Lin, C. C.*and Chang, C. C., “Novel Image Copy Detection with Rotating Tolerance,” *Journal of Systems and Software*, Vol. 80, Issue 7, July, 2007, pp. 1057-1069. **(SCI Expanded, Impact Factor: 0.952,**

Category: Computer Science, Theory & Methods)

- [24] Chin-Chen Chang, Wei-Liang Tai, and Chia-Chen Lin*, “A Novel Image Hiding Scheme Based on VQ and Hamming Distance,” *Fundamenta Informaticae*, Vol. 70, No. 4, 2006, pp. 317-331. **(EI, SCI Expanded, Impact Factor: 0.874, Category: Computer Science, Software Engineering)**
- [25] Chang, C. C., Tai, W. L. and Lin, C. C.*, “A Reversible Data Hiding Scheme Based on Side Match Vector Quantization,” *IEEE Transactions on Circuits and Systems for Video Technology*, Vo. 16, Issue 10, October 2006, pp. 1301-1308. **(EI, SCI, Impact Factor: 1.685, Rank:41/227 Category: Engineering, Electrical & Electronic)**
- [26] Yu-Chen Hu, Min-Hui Lin*, Ji-Han Jiang “A Novel Color Image Hiding Scheme Using Block Truncation Coding,” *Fundamenta Informaticae*, Vol. 71, No. 4, 2006, pp. 443-451. **(EI, SCI Expanded, Impact Factor: 0.874, Category: Computer Science, Software Engineering)**
- [27] Chin-Chen Chang, Chia-Chen Lin* and Henry Chou, “Colour Image Hiding Scheme Using Human Visual System,” *Imaging Science Journal*, Vol. 54, No.3, September, 2006, pp. 152-163. **(SCI, Impact Factor: 1.677, Category: Imaging Science & Photographic Technology)**
- [28] Wu, M. N., Lin, C. C.* and Chang, C. C., “A Color Re-Indexing Scheme Using Genetic Algorithm,” *WSEAS Transactions on Systems*, 5/6, Jun. 2006, pp. 1309-1314. **(EI)**
- [29] Chin-Chen Chang, Wei-Liang Tai and Chia-Chen Lin*, “Hiding a Secret Color Image in Two Color Images,” *Imaging Science Journal*, Vol. 53, No. 4, December 2005, pp. 229-240. **(SCI, Impact Factor: 1.677, Category: Imaging Science & Photographic Technology)**
- [30] Chia-Chen Lin*, Yu Chen Hu and Chin-Chen Chang, A Novel Image Ownership Protection Scheme Based on Rehashing Concept and Vector Quantization, *Fundamenta Informaticae*, Vol. 71, No.4, 2006 , pp. 443-451. **(EI, SCI Expanded, Impact Factor: 0.874, Category: Computer Science, Software Engineering)**
- [31] Wu, M. N., Lin, C. C.* and Chang, C. C., “A Robust Content-Based Copy Detection Scheme,” *Fundamenta Informaticae*, Vol. 71, No.1, 2006, pp. 351-366. **(EI, SCI Expanded, Impact Factor: 0.874, Category: Computer**

Science, Software Engineering)

- [32] C.-C. Chang, P. Tsai and C. C. Lin*, “SVD-based Digital Image Watermarking Scheme,” *Pattern Recognition Letters*, Vol. 26, No. 10, 2005, pp.1577-1586. **(SCI Expanded, SCI Expanded, COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE, Impact Factor: 0.853, Journal Ranking: 53/93)**
- [33] Lin, C. Y., Chang, C. C. and Lin, C. C.*, “A New Density-Based Scheme for Clustering Based on Genetic Algorithm,” *Fundamenta Informaticae*, Vol. 68, No. 4, 2005, pp.315-331. **(EI, SCI Expanded, Impact Factor: 0.874, Category: Computer Science, Software Engineering)**
- [34] Piyu Tsai, Min-Hui Lin* and Chin-Chen Chang, “An Adaptive Steganographic Scheme for Color Images,” *Fundamenta Informaticae*, Vol. 62, No. 3-4, pp.275-420, 2004. **(SCI Expanded)**
- [35] Yu-Chen Hu and Min-Hui Lin*, “Secure Image Hiding Scheme Based Upon Vector Quantization,” *International Journal on Pattern Recognition and Artificial Intelligence*, Vol. 18, No. 6, 2004, pp. 1111-1130. **(SCI)**
- [36] Chang, C. C., Chen, G. M. and Lin, M. H.*, “Information Hiding based on Search-Order Coding for VQ indices,” *Pattern Recognition Letters*, 2004, Vol. 25, pp. 1253-1261. **(SCI Expanded, SCI Expanded, COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE, Impact Factor: 0.853, Journal Ranking: 53/93)**
- [37] Lin, M. H.* and Chang, C. C., “A Secure One-time Password Authentication Scheme with Low Computation for Mobile Communications,” *ACM Operating Systems Review*, Vol. 38, No. 2, 2004, pp. 76-84. **(EI)**
- [38] Lin, M. H.*, Chang, C. C., and Chen, Y. R., “A Fair and Secure Mobile Agent Environment Based on Blind Signature and Proxy Host,” *Computers & Security*, 2004, Vol. 23, pp. 199-212. **(SCI)**
- [39] Piyu Tsai, Min-Hui Lin*, and Chin-Chen Chang “Side-Match Prediction Encoding Scheme for Predefined VQ Approximation Rates,” *The Imaging Science Journal*, 2004, Vol. 52, pp. 73-84. **(SCI)**
- [40] P. Tsai, C. C. Chang, M. H. Lin*, and Y. C. Hu, “Adaptive Bit Rate Encoding Mechanism Based on Irregular Sampling and Side-Matched Vector Quantization,” *The Imaging Science Journal*, 2004, Vol. 52, pp. 73-84. **(SCI)**

- [41] Min-Hui Lin*, Yu-Chen Hu* and Chin-Chen Chang, “Both Color and Gray Scale Secret Images Hiding in a Color Image,” *International Journal on Pattern Recognition and Artificial Intelligence*, 2002, Vol. 16, No. 6, pp. 697-713. (SCI)
- [42] Chin-Chen Chang, Min-Hui Lin*, and Yu-Chen Hu, “A Fast and Secure Image Hiding Scheme Based on LSB Substitution,” *International Journal on Pattern Recognition and Artificial Intelligence*, 2002, Vol. 16, No. 4, pp. 399-416. (SCI)

Non-SCI Journal Papers:

- [43] Lin, C. C.*, Wu, C. C. and Chang, C. C., “Digital Right Schemes for Limited Issues and Flexible Division,” *Int. Journal of Computer Science and Network Security*, Vol. 8, No. 2, pp. 33-42, Feb. 2008.
- [44] Chia-Chen Lin* and Chin-Chen Chang, “An Improved Deniable Authentication Protocol,” *International Journal of Computer Science and Network Security*, 2006, Vol. 6, No. 11, pp. 240-243.
- [45] Wu, M. N., Lin, C. C.*, Tai, W. L. and Chang, C. C., “A Novel Steganography Mechanism Using Evolutionary Approach for Color Images,” *GESTS International Transaction on Computer Science and Engineering*, Vol. 7, No. 1, pp.63-74, May 2005.
- [46] Min-Hui Lin, Ching-Chen Lin, “A Software License Management Mechanism based on User Mode,” *Journal of Computers*, Vol. 12 , No.4, 2000, pp.13-21 .

(B) Book Chapters

- [47] Chang, C. C., Lin, C. C.* and Chen, Y. H., “A Secure Data Embedding Scheme Using Gray-code Computation and SMVQ Encoding,” *Artificial Intelligence in Multimedia Data Hiding*, (Pan, J. S., Huang, H. C. and Jain, L. C. Eds.) Springer Verlag, 2008/05/01
- [48] Chin-Chen Chang*, Yih-Shin Hu and Chia-Chen Lin, “A Digital Watermarking Scheme Based on Singular Value Decomposition,” *Proceeding of International Symposium on Combinatorics, Algorithms, Probabilistic and Experimental Methodologies (ESCAPE2007)*,

Springer-Verlag, April 7-9, 2007, pp. 82-93, Hangzhou, China.

- [49] Chang, C. C., Tai, W. L. and Lin, C. C.*, “A Multipurpose Wavelet-based Image Watermarking,” *Proceedings of 2006 International Conference on Innovative Computing, Information and Control (ICICIC2006)*, pp. Vol. 3, 70-73., Aug. 2006. Beijing, China.
- [50] Wu, M. N., Lin C. C.* and Chang, C. C., “A Fast Wavelet-Based Image Progressive Transmission Method based on Vector Quantization,” *Proceedings of 2006 International Conference on Innovative Computing, Information and Control (ICICIC2006)*, pp. Vol. 2, 677-680., Aug. 2006. Beijing, China.
- [51] Chang, C. C., Kao, C. L. and Lin, C. C.*, “Efficient and Scalable Hierarchical Key Assignment Scheme,” *Proceedings of 5th WSEAS International Conference on APPLIED COMPUTER SCIENCE (ACOS '06)*, pp. 1065-1069, Apr. 2006. Hangzhou, China. **(EI)**
- [52] Chang, C. C., Yeh, J. B. and Lin, C. C.*, “Adaptive Hiding Scheme Based on VQ-indices Using Commutable Codewords,” *International Conference on Computational Intelligence and Security (CIS'05)*, Xian, China, 2005. (Hao, Y., Liu, J., Wang, Y., Cheung, Y. M., Yin, H., Jiao, L., Ma, J. and Jiao, Y. C. Eds.), Springer-Verlag, Germany, Part II, 2005, pp. 567-572. **(SCI-expanded)**
- [53] Wu, M. N., Lin, C. C.* and Chang, C. C., “Image Copy Detection with Rotating Tolerance,” *International Conference on Computational Intelligence and Security (CIS'05)*, Xian, China, (Hao, Y., Liu, J., Wang, Y., Cheung, Y. M., Yin, H., Jiao, L., Ma, J. and Jiao, Y. C. Eds.), Springer-Verlag, Germany, Part I, 2005, pp. 464-469. **(SCI-Expanded)**
- [54] Chin-Chen Chang, Chia-Chen Lin* and Henry Chou, “A Steganographic Technique for Color Images Using Index Replacement and Principal Component Analysis,” *International Progress 2005 on Wavelet Analysis and Active Media Technology (IPWAAMT05)*, (Li, J. P., Jaffard, S., Suen, C. Y., Daugman, J., Wickerhauser, V., Torresani, B., Yen, J., Zhong, N. and Pal, S. K., Eds., World Scientific) pp. 15-22. **(EI)**
- [55] Chang, C. C. *, Tai, W. L. and Lin, C. C.*, “Secret Hiding Using Side Match Vector Quantization”, *Soft Computing as Transdisciplinary Science and Technology*, (Abraham, A., Dote, Y., Furuhashi, T., Koppen, M., Ohuchi, A., and Ohsawa, Y. Eds.), Springer-Verlag Berlin Heidelberg, Germany, 2005,

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