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19. L.-H. Chen*, **Y.-C. Chang**, C.-Y. Lee, and P.-L. Chang, “A Novel Scalable Dual Basis GF(2^m) Multiplier Architecture,” *Journal of Computers*, Vol. 28, No. 1, pp. 87-103, 2017. (EI)

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21. **Y.-C. Chang***, “An almost automatic image fusion scheme for balancing clarity and visual effects,” *Multimedia Tools and Applications*, Vol. 76, Issue 23, pp 25455-25476, 2017.
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(B) 國際研討會論文

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2. **Y.-C. Chang***, “N-Dimension Golden Section Search: Its Variants and Limitations,” *The 2nd International Conference on BioMedical Engineering and Informatics* (BMEI2009), October 17-19, 2009, Tianjin, China.
3. C.-M. Chang, **Y.-C. Chang**, and B.Y. Hsiao, “The design of a shoulder rehabilitation game system,” *IET International Conference on Frontier Computing- Theory, Technologies and Applications*, pp. 151-156, August 4-6, 2010, Taichung, Taiwan. (ISBN: 978-1-84919-208-8) (oral)
4. L.-C. Lai, C.-F. Lu, **Y.-C. Chang**, and T.-L. Lee, “Position Estimation of a Mobile Robot by PSO Algorithm Using a Laser Range Finder”, 2011 International Conference on Consumer Electronics, Communications and Networks (CECNet), Vol.2, pp. 1505-1508, April 16-18, 2011, XianNing, China. (ISBN: 978-1-61284-457-2) (poster)
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 10. Y.-C. Chang, H.-C. Hsu, J.-J. Lee, C.-C. Chueh, C.-M. Chang, and L.-H. Chen, “License Plate Character Recognition Using Block-Binary-Pixel-Sum Features,” International Conference on Computer, Networks and Communication Engineering (ICCNCE2013), pp. 111-113, May 23-24, 2013, Beijing, China. (oral)
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31. **Y.-C. Chang***, “A Flexible Contrast Enhancement Method with Visual Effects and Brightness Preservation: Histogram Planting,” The Sixth International Multi-Conference on Engineering and Technology Innovation 2017 (IMETI2017), Oct. 27 - Oct. 31, Hualien, Taiwan. (oral)

(C) 國內研討會論文

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2. **Y.-C. Chang**, Y.-S. Tyan, and K.-C. Tu, “Using Contrast Enhancement Techniques to Improve the Visual Effects of Computerized Tomography,” Biomedical Engineering Society 2009 Annual Symposium (醫學工程年會/研討會暨國科會醫學工程學門成果發表會)，時間：2009/12/11-12，地點：國立陽明醫學大學，主辦單位：國立陽明醫學大學。(poster)
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4. **Y.-C. Chang**, T.-W. Chang, T.-J. Wang, and T.-H. Hou, “Quantitative Grey Relational Generating and Its Application to Contrast Enhancement,” *2010 Conference on Information Management & Practice, IMP-2010*. (第十六屆資訊

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5. 賴崑俊、張炎清、郭振輝、詹東融，“粒子群演算法於最佳時間控制之機器足球員動態路徑規劃”，2011 智慧型數位生活研討會，353-358 頁，2011 年 4 月 29 日，中國文化大學工學院，台北。(2011 Intelligent Living and Digital Life Conference) (oral)
6. 張炎清,葉偉勳*,沈俊吉,薛偉呈,吳秉勳，“蟻群最佳化應用於旅行商問題之參數研究”，2015 國際醫學資訊聯合研討會，19-24 頁，2015 年 6 月 22 日至 6 月 23 日，長庚大學，台北。(Joint Conference on Medical Information in Taiwan, JCMIT2015) (oral)。主辦單位：長庚大學、中央研究院、台灣醫學資訊學會(Chang Gung University, Academia Sinica, Taiwan Association for Medical Informatics) (A study of the parameters of ant colony optimization on the travelling salesman problem)

(D) 專書及專書論文

1. C.-M. Chang* and Y.-C. Chang, “A Gaming System for Shoulder Rehabilitation,” pp. 147-167, Chapter 9, *Advances in Game Design and Development Research*, Edited by Garoline Martell, 2014.