

年 級：博 7 (97 碩入，98 上直升)

著作列表

Journal Papers

1. **Lee, C.-A.**, Tzeng, J.-W., Huang, N.-F., & Su Y.-S. (2021). Prediction of Student Performance in Massive Open Online Courses Using Deep Learning System Based on Learning Behaviors. *Educational Technology & Society*, 24(3), 130-146. (SSCI, IF=2.086, Q1).
2. Jian-Wei Tzeng, **Chia-An Lee**, Nen-Fu Huang, Hao-Hsuan Huang, Chin-Feng Lai(2021). Evaluation MOOC Courses System Based on Deep Learning. *International Review of Research in Open and Distributed Learning*. (SSCI, IF=2.297, Q1). **ACCEPTED**.

Conference Papers

1. Chang, H. M., Huang, N. F., Kuo, M. L., Chen, S. C., **Lee, C. A.**, Huang, Y. W., Cheng, Y. C., Hsu, H. H., & Tzeng, J. W. (2016). Developing a Data-Driven Learning Interest Recommendation System to Promoting Self-Paced Learning on MOOCs, Proc. of the 16th IEEE International Conference on Advanced Learning Technologies (ICALT2016), Austin, Texas, USA.
2. Huang, Nen-Fu & Hsu, Hao-Hsuan & Chen, So-Chen & **Lee, Chia-An** & Huang, Yi-Wei & Ou, Po-Wen. (2017). VideoMark: A video-based learning analytic technique for MOOCs. 753-757. 10.1109/ICBDA.2017.8078738.
3. Huang, Nen-Fu & **Lee, Chia-An** & Huang, Yi-Wei & Ou, Po-Wen & Hsu, How-Hsuan & Chen, So-Chen & Tzeng, Jian-Wei. (2018). On the Automatic Construction of Knowledge-Map from Handouts for MOOC Courses. 107-114. 10.1007/978-3-319-63856-0_13. Cheng, Y.-C., Tzeng, J.-W., Huang, N.-F, **Lee, C.-A.**, & Kuo, T. M.-L. (2017).
4. Cheng, Y.-C., Tzeng, J.-W., Huang, N.-F, **Lee, C.-A.**, & Kuo, T. M.-L. (2017). Development of Alternative Conception Diagnostic System based on Item Response Theory in MOOCs. Proc. of the 25th International Conference on Computers in Education (ICCE 2017), Christchurch, New Zealand.
5. Hsu, H H., Huang, N. F., Chen, S. C., **Lee, C. A.**, & Tzeng, J. W. (2017). Misconceptions Mining and Visualizations for Chinese-based MOOCs Forum Based on NLP. Proc. of the IEEE International Conference on Big Data Analysis (ICBDA2017), Beijing, China.
6. Huang, N.-F, Hsu, I.-H, Tzeng, J.-W, Chen, H.-C, **Lee, C.-A**, Fang., & T.-T. (2018). The Clustering Analysis System based on Students' Motivation and Learning Behavior. IEEE Learning with MOOCs (LWMOOCs 2018), Madrid, Spain.

7. Huang, Nen-Fu & Chou, Dong-Lin & **Lee, Chia-An**. (2019). Real-Time Classification of Green Coffee Beans by Using a Convolutional Neural Network. 107-111. 10.1109/ICISPC.2019.8935644. 123
8. Huang, N.-F, Chen C.-C, Tzeng, J.-W., & **Lee, C.-A**. (2018). Concept Assessment System Integrated with Knowledge Map using Deep Learning. IEEE Learning with MOOCs (LWMOOCs 2018), Madrid, Spain.
9. Tzeng, J.-W., Huang, N.-F., & **Lee, C.-A**. (2018). Guiding Learning Thinking in MOOC based on Expert Knowledge Map. International Conference on Computational Thinking Education (CTE 2018), Hong Kong, China.
10. Tzeng, J.-W., Huang, N.-F., & **Lee, C.-A**. (2018). Implement Learning Diagnostic Module in MOOC based on Knowledge Map. Global Chinese Conference on Computers in Education (GCCCE 2018), Guangzhou, China.
11. Tzeng, J.-W., Huang, N.-F, **Lee, C.-A**, Cheng, Y. C., & Huang, Y. W. (2017). Explore to Study Learning Effects of Diagnostic System Based on Massive Open Online Course. The 4th Greater China MOOC Symposium (GCMS 2017), Hong Kong, China
12. Tzeng, J.-W., Huang, N.-F, **Lee, C.-A**, Chen, Y.-S., & Chuang, A.-C. (2020). Developing augmented reality scenario-based test items for an IoT MOOC course based on ARCS model. The Open Education Global Conference (OE 2020), Taipei, Taiwan.
13. Huang, N.-F, Tzeng, J.-W., **Lee, C.-A**, Chen, Y.-S., & Chuang, A.-C. (2020). Personalized Recommendation Based on Learning Analytics in MOOC Environment. The Open Education Global Conference (OE 2020), Taipei, Taiwan.
14. 曾建維、黃能富、李加安 (2019)。結合文字探勘與詮釋結構模式探究磨課師課程知識結構圖之完整性。2019臺灣網際網路研討會 (TANET2019)，高雄，臺灣。

Paper under review

1. IEEE Transactions on Learning Technologies

Artificial Intelligence-Based Knowledge Assessment System: Integrated with Knowledge Map and Item Analysis Module in MOOCs