**著作清單**

**學術著作目錄**

**1. 期刊論文**

* Yang, C. D., and \*Han, S. Y., “Orbital and spin dynamics of electron state transition in hydrogen atom driven by electric field” *Photonics*, 9, 634, 2022. (SCI) (\*Corresponding Author)
* Yang, C. D., and \*Han, S. Y., “Tunneling Quantum Dynamics in Ammonia”, *International Journal of Molecular Sciences*, 22, 8282, **2021**. (SCI) (\*Corresponding Author)
* Yang, C. D., and \*Han, S. Y., “Extending Quantum Probability from Real Axis to Complex Plane”, *Entropy*, 23, 210, **2021**. (SCI) (\*Corresponding Author)
* Yang, C. D., and \*Han, S. Y., “Trajectory Interpretation of Correspondence Principle: Solution of Nodal Issue”, *Foundations of Physics*, 50, 960-976, **2020**. (SCI) (\*Corresponding Author)
* Ho, M. C., Chou, C. Y., Huang, C. F., Lin, Y. T., Shin, C. S., Han, S. Y., Shen, M. H., Chen, C. L., Lu, M. C., and Liu, C. J., “Age-Related Changes of Task-Specific Brain Activity in Normal Aging”, *Neuroscience Letters*, 507, 78-83, **2012**. (SCI)
* Lin, C. H., Kuo, C. T., Hsu, T. F., Jan, H., Han, S. Y., Ho, M. C., and Jiang, I. M., “Experimental Obs1ervation of Chaotic Phase Synchronization of a Periodically Pump-Modulated Multimode Microchip Nd:YVO4 Laser”, *Physics Letters A*, 376, 1295-1299, **2012**. (SCI)
* Yang, C.D. and Han, S.Y. “Invariant Eigen-Structure in Complex-Valued Quantum Mechanics”, *Int. Journal of NSNS*, 10, 403-423, **2009**. (SCI)
* Yang, C.D., Han, S.Y. and Hsiao, F.B. “Nonlinear Dynamics Governing Quantum Transition Behavior”, *Int. Journal of NSNS*, 8, 411-416, **2007**. (SCI)
* Hsiao, F.B., Han, S.Y., Hsieh, S.C, and Wang, L.K. “Sound Source Separation and Identification for Aircraft Cockpit Voice Recorder”, *AIAA Journal of Aerospace Computing, Information, and Communication*, 1, **2004**. (SCI/EI)

**2. 研討會論文**

* Yang, C.D., Han, S.Y. “The Nature of Microscopic World: Behind Quantum Mechanics”, *Journal of the International Association of Physics Student*, 2, 26, **2008**.

* Conference paper: Hsiao, F.B, Han, S.Y., “Signal Processing of Blind Signal Separation and Sound Identification of Cockpit Voice Recorder”,*中國航空太空學會/中華民用航空學會研討會*, **2003**.