

官振傑教授 (Albert Guan) (106 年 6 月畢業，107 年 8 月到校)

(A) 期刊論文

1. Albert Guan. *A lightweight key agreement protocol with authentication capability*. *International Journal of Foundations of Computer Science*, 2021. accepted. [SCI].
2. Guan, A; Guan, DJ. *An efficient and privacy protection communication scheme for smart grid*. *IEEE ACCESS*, 8:179047-179054, 2020. [SCIE, NSYSU].
3. Albert Guan. *Secure outsourcing of solving truth assignment of boolean formula*. IN *PROCEEDINGS OF 30-TH CRYPTOLOGY AND INFORMATION SECURITY CONFERENCE*, 2020.
4. Guan, Albert; Tzeng, Wen-Guey. *A light-weight bit commitment protocol based on unpredictable channel noise*. *THEORETICAL COMPUTER SCIENCE*, 755:29-37, 2019. [SCIE, NSYSU].
5. Guan, Albert; Lei, Chin-Laung. *An improved key-agreement protocol for channels with small error rate*. *JOURNAL OF INTERNET TECHNOLOGY*, 20(7):2277-2284, 2019. [SCIE, NSYSU].
6. Albert Guan. *An efficient secret key agreement protocol based on random noise without beacons*. *INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS: COMPUTER SYSTEMS THEORY*, 4(3-4):171–184, December 2019. [SCI].
7. Albert Guan and Chin-Laung Lei. *Efficient key agreement protocol for smart sensors*. IN *PROCEEDINGS OF THE 2018 IEEE CONFERENCE ON DEPENDABLE AND SECURE COMPUTING (IEEE DSC 2018)*, pages 1–7, 2018.
8. Albert Guan and Wen-Guey Tzeng. *A light-weight oblivious transfer protocol based on channel noise*. *INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS: COMPUTER SYSTEMS THEORY*, 2(1):28–38, May 2017. [SCI].
9. Albert Guan and Wen-Guey Tzeng. *A secret key establishment protocol for wireless networks using noisy channels*. *JOURNAL OF COMPUTER SECURITY*, 25(2):139–151, 2017. [EI].
10. Albert Guan and Xuding Zhu. *Adaptable choosability of planar graphs with sparse short cycles*. *DISCRETE MATHEMATICS*, 309(20):6044–6047, 2009. [SCI].