

112 年 6 月 通過 學術 審查

年 級：博六（104 上碩入，106 下直升）

## 著作列表

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### Journal Papers

[1] **Ho, Chi-Kai**, and Chung-Ta King. "CST-RL: Contrastive Spatio-Temporal Representations for Reinforcement Learning." *IEEE Access* 11 (2023): 26820-26831.

[SCIE, Impact Factor: 3.758]

[2] **Ho, C. K.**, Chan, L. W., King, C. T., & Yen, T. Y. (2023). A Deep Learning Approach to Navigating the Joint Solution Space of Redundant Inverse Kinematics and Its Applications to Numerical IK Computations. *IEEE Access*, 11, 2274-2290.

[SCIE, Impact Factor: 3.758]

### Conference Papers

[3] **Ho, Chi-Kai**, Chung-Ta King, and Yung-Ju Chang. "SCQ: Stage-based, context-Aware, QoE-driven power optimization for interactive applications on mobile devices." *2019 20th IEEE International Conference on Mobile Data Management (MDM)*. IEEE, 2019. [citation number: 3]

[4] Chan, Li-Wei, **Chi-Kai Ho**, and Chung-Ta King. "Accelerating Numerical Inverse Kinematics Methods with the Lookup Table." *2022 Tenth International Symposium on Computing and Networking (CANDAR)*. IEEE, 2022.

[5] Mo, Ya-Wen, **Chi-Kai Ho**, and Chung-Ta King. "Managing Shaping Complexity in Reinforcement Learning with State Machines-Using Robotic Tasks with Unspecified Repetition as an Example." *2022 IEEE International Conference on Mechatronics and Automation (ICMA)*. IEEE, 2022. [citation number: 1]

[6] Tsai, Meng-Ting, Chung-Ta King, and **Chi-Kai Ho**. "Exploiting Joint Dependencies for Data-driven Inverse Kinematics with Neural Networks for High-DOF Robot Arms." *Proceedings of ISCA 34th International Conference on*. Vol. 79. 2021.

### Paper under review

[0] **Ho, Chi-Kai**, and Chung-Ta King. "LAC-RRT: Constrained Rapidly-Exploring Random Tree with Configuration Transfer Models for Motion Planning." *IEEE Access*