115 年 06 月 通過 學術審查

年　　級：博四 （111 上入）

著作列表

(*和博士論文相關)

Journal Papers

[1] *<u>**學生 A**</u>, Chia-Hua Ku, Jenq-Kuen Lee, and Kuan-Hsun Chen,“TreeHouse: An MLIR-based Compilation Flow for Real-Time Tree-based Inference,” ACM Transactions on Embedded Computing Systems, Accepted, 2024. DOI: 10.1145/3704727

- Academic index: SCIE, Scopus, EI Compendex
- Impact factor: 2.6 (JCR 2024), Q2 (Computer Science, Hardware & Architecture)
- Cited by:
  - Bart, Duncan, et al. "InTreeger: An End-to-End Framework for Integer-Only Decision Tree Inference." arXiv preprint arXiv:2505.15391 (2025).

[2] *Kuan-Hsun Chen, <u>**學生 A**</u>, Christian Hakert, Sebastian Buschjäger, Chao-Lin Lee, Jenq-Kuen Lee, Katharina Morik, and Jian-Jia Chen. “Efficient Realization of Decision Trees for Real-Time Inference”, *ACM Transactions on Embedded Computing Systems, ACM*, 21, 6, Article 68, 26 pages, 2022.

- Academic index: SCIE, Scopus, EI Compendex
- Impact factor: 2.6 (JCR 2024), Q2 (Computer Science, Hardware & Architecture)
- Citation count: 27

Conference Papers

[1] <u>**學生 A**</u>, Hsuan-Yun Hung, Liang-Ni Wang, I-An Chen, and Jenq-Kuen Lee, “Support SIMD Optimization with Post Quantum Cryptography Validation on Move Language.” In Proceedings of the 54th International Conference on Parallel Processing Workshops (ICPP Workshops ’25). Association for Computing Machinery, New York, NY, USA, pp. 44–53, 2025

[2] <u>**學生 A**</u>, Yu-Wen Shao, Fu-Jian Shen, Hsuan-Yun Hung, Lai Tak Kouk, and Jenq-Kuen Lee, “Update with Sail Specification for RISC-V P Extension,” in RISC-V Summit, Santa Clara, CA, USA, Oct. 2025. Poster