

112 年 11 月 通過 學術 審查

年 級：博四（108 碩入，109 上直升）

著作列表

Journal Papers

- Yi-Syuan Lin, Yu-Pei Liang, Tseng-Yi Chen, Yuan-Hao Chang, Shuo-Han Chen, Hsin-Wen Wei, and Wei-Kuan Shih. 2022. How to Enable Index Scheme for Reducing the Writing Cost of DNA Storage on Insertion and Deletion. ACM Trans. Embed. Comput. Syst. 21, 3, Article 30 (May 2022), 25 pages.
<https://doi.org/10.1145/351648247>
[CATEGORIES: SCI, impact factor=2.22 (2022)]

Conference Papers

- Yi-Syuan Lin, Yu-Pei Liang, Yu-Shan Yen, Yen-Ting Chen, Wei-Kuan Shih, and Yuan-Hao Chang., " Adaptive Mode-Switching for Write-amplification Reduction of SMR Disks," 2023 International SoC Design Conference (ISOCC), Jeju, Korea (South), 2023
- Yi-Syuan Lin, Chin-Yu Lo, Yi-Chao Shih, and Tseng-Yi Chen., " Alleviating the Impact of Fingerprint Operations on NAND Flash Memory Storage," 2023 International SoC Design Conference (ISOCC), Jeju, Korea (South), 2023

Under Review

1. (DATE) Yi-Syuan Lin, Yun-Shan Hsieh, Wei-Tong Hsiao, Wei-Kuan Shih, Tseng-Yi Chen (Sept. 2023) Seedbed: Constructing a Skyrmion-based Race-track Memory Pool to Rapidly Grow an LSM-tree Structure.
<https://www.date-conference.com>
2. (SAC) Yi-Syuan Lin, Yuan-Hao Chang, and Wei-Kuan Shih (Sept. 2023) DNA computing architecture for enhanced data processing and storage capabilities.
<https://www.sigapp.org/sac/sac2024>