Publications

1. **Co-Designed Architectures for Modular Superconducting Quantum Computers** . ***McKinney, E.**, Xia, M., Zhou, C., Lu, P., Hatridge, M., Jones, A.K* . 2023 IEEE International Symposium on High-Performance Computer Architecture (HPCA), 2023-02-25. DOI: 10.1109/HPCA56546.2023.10071036

2. **Parallel Driving for Fast Quantum Computing Under Speed Limits** . ***McKinney, E.**, Zhou, C., Xia, M., Hatridge, M., Jones, A.K* . Proceedings of the 50th Annual International Symposium on Computer Architecture (ISCA), 2023-06-17. DOI: 10.1145/3579371.3589075

3. **MIRAGE: Quantum Circuit Decomposition and Routing Collaborative Design using Mirror Gates** . ***McKinney, E.**, Hatridge, M., Jones, A.K* . , 2023-08-07. DOI: 10.48550/arXiv.2308.03874