



Spin-Orbit Torque based heterostructures for MRAM

Applications and Neuromorphic Computing



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Current status/stage of your JDP: Synopsis request submitted

- SOT based MRAM
- Field-free switching for SOT-based logic device
- Neuromorphic Computing
- **Significant Achievements**
- **Durgesh Kumar Ojha**, Ratnamala Chatterjee, Yu-Lon Lin, Yu-Hui Wu, Po-Wen-Chen, Yuan-Chieh Tseng, “*Spin-torque efficiency enhanced in sputtered topological insulator by interface engineering*”, Journal of Magnetism and Magnetic Materials 572,170638(2023). <https://doi.org/10.1016/j.jmmm.2023.170638>
- Winner of Media Tek Foundation Scholarship, Taiwan from September 2019 to February 2020.

