

陳敏璋教授近五年之著作目錄

國際學術期刊論文

1. Sheng-Han Yi, Yu-Chen Chan, Chi-Lin Mo, Hsin-Chih Lin, and Miin-Jang Chen*, "Enhancement of Energy Storage for Electrostatic Supercapacitors through Built-in Electric Field Engineering," *Nano Energy*, 99, 107342, 2022.
2. Chun-Yi Chou, Hsing-Yang Chen, Yu-Sen Jiang, Hsin-Chih Lin, and Miin-Jang Chen*, "Wake-up free $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ thin film with enhanced ferroelectricity and reliability synthesized by atomic layer crystallization induced by substrate biasing," *Acta Materialia*, 228, 117762, 2022.
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5. Yu-Sen Jiang, Kuei-Wen Huang, Sheng-Han Yi, Chin-I Wang, Teng-Jan Chang, Wei-Chung Kao, Chun-Yuan Wang, Yu-Tung Yin, Jay Shieh*, Miin-Jang Chen*, "Ferroelectric ZrO_2 ultrathin films on silicon for metal-ferroelectric-semiconductor capacitors and transistors," *Journal of the European Ceramic Society*, 42, 6997-7003, 2022.
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11. Chun-Yi Chou, Wei-Hao Lee, Chih-Piao Chuu, Tse-An Chen, Cheng-Hung Hou, Yu-Tung Yin, Ting-Yun Wang, Jing-Jong Shyue, Lain-Jong Li, and Miin-Jang Chen*, "Atomic layer nucleation engineering: Inhibitor-free area-selective atomic layer deposition of oxide and nitride," *Chemistry of Materials*, 33, 5584-5590, 2021.
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 21. Chun-Yuan Wang, Chin-I Wang, Sheng-Han Yi, Teng-Jan Chang, Chun-Yi Chou, Yu-Tung Yin, Makoto Shiojiri, and Miin-Jang Chen* “Paraelectric/antiferroelectric /ferroelectric phase transformation in As-deposited ZrO₂ thin films by the TiN capping engineering,” *Materials & Design*, 195, 109020, 2020
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