

周苡嘉 代表著作

1. Yi-Chia Chou, Lih-Juann Chen, King-Ning Tu "Uphill Diffusion Induced Point Contact Reaction in Si Nanowires" *Nano Letters* 22, 17, 6895–6899, 2022.
2. Yuan-Wei Chang, Wei-Cih Yang, Wan-Rong Lo, Zheng-Xuan Lo, Chun-Hao Ma, Ying-Hao Chu, Yi-Chia Chou* "Direct Growth of Flexible GaN Film via van der Waals Epitaxy on Mica" *Materials Today Chemistry*, in press, 2022.
3. Chang-Hsun Huang, Yi-Chia Chou* "Achieving Ultra-Long GaN Nanorod Growth by Lowering Nucleation Energy via Surface Modification for Optical Sensors" *ACS Appl. Nano Mater.* 3, 9, 8949–8957, 2020.
4. Shao-Pin Chiu, Sheng-Shiuan Yeh, Chien-Jyun Chiou, Yi-Chia Chou*, Juhn-Jong Lin*, Chang-Chyi Tsuei "Ultralow 1/f Noise in a Heterostructure of Superconducting Epitaxial Cobalt Disilicide Thin Film on Silicon" *ACS Nano* 11, 516-525, 2017.
5. Yi-Chia Chou* et al. "Effect of elastic strain fluctuation on atomic layer growth of epitaxial silicide in Si nanowires by point contact reactions" *Nano Lett.* 15, 4121-4128, 2015.
6. F. Panciera, Y.-C. Chou et al. "Synthesis of nanostructures in nanowires using sequential catalyst reactions" *Nat. Mater.* 14, 820-825, 2015
7. Y.-C. Chou et al. "Atomic-scale variability and control of III-V nanowire growth kinetics" *Science*, 343, 281-284, 2014.
8. Yi-Chia Chou et al. "Nucleation and growth of epitaxial silicide in nanowire of silicon" *Mater. Sci. Eng., R*, 70, 112-125, 2010. (invited review article)