

## Reference

1. Huang Gao, Yaowu Hu, Yi Xuan, Ji Li, Yingling Yang, Ramses V. Martinez, Chunyu Li, Jian Luo, Minghao Qi, Gary J. Cheng. "Large-scale nanoshaping of ultrasmooth 3D crystalline metallic structures". 12 Dec 2014. *Science* 346(6215), pp. 1352-1356. DOI: 10.1126/science.1260139
2. M. Motlag, P. Kumar, Y. Hu, S. Jin, J. Li, J. Shao, X. Yi, Y.H. Lin, J. Walrath, L. Tong, X. Huang, R.S. Goldman, L. Ye, G.J. Cheng, "Asymmetric 3D elastic-plastic strain-modulated electron energy structure in monolayer graphene by laser shocking", *Advanced Materials*, (2019), <https://doi.org/10.1002/adma.201900597>
3. J Li, TF Chung, YP Chen, GJ Cheng, "Nanoscale Strainability of Graphene by Laser Shock Induced 3D Shaping", *Nano Letters*, (2012) Doi:10.1021/nl301817t.
4. J Li, YL Liao, S Suslov, GJ Cheng, "Laser shock based platform for controllable forming of Nanowires", *Nano Letters*, 12 (6), pp 3224–3230, (2012) DOI: 10.1021/nl3012209, *Nature Photonics*, August, (2012), 6(8), Noriaki Horiuchi, Doi:10.1038/nphoton.2012.186.
5. Hu, Y; Li, J; Tian, J; Xuan, Y; Deng, B; Lim DT; McNear, K; Chen, Y; Yang, C; Cheng, GJ, "Parallel nanoshaping of brittle semiconductor nanowires for strained electronics", *Nano Letters*, (2016).DOI: 10.1021/acs.nanolett.6b03366
6. Maithilee Motlag, Yaowu Hu, Lei Tong, Xinyu Huang, Lei Ye, Gary J. Cheng, "Laser shocking induced nanoscale kink-bands in WSe<sub>2</sub> 2D crystals", *ACS Nano*, (2019). DOI: 10.1021/acsnano.9b04705.
7. P Kumar, M Motlag, J Liu, Y Hu, L Ye, J Irudayaraj, GJ Cheng, "Laser shock tuning dynamic interlayer coupling in graphene moiré superlattices", *Nano Letters*, (2018), DOI: 10.1021/acs.nanolett.8b03895.