

List of Publications

1. **T. Wu**, Y. Luo, and L. Wei, Mid-infrared sensing of molecular vibrational modes with tunable graphene plasmons, *Optics Letters* 42, 2066-2069 (2017).
2. **T. Wu** and L. Wei, Tunable resonant graphene plasmons for mid-infrared biosensing, *Optics Express* 24, 26241-26248 (2016).
3. **T. Wu**, P. Shum, Y. Sun, T. Huang, and L. Wei, Third harmonic generation with the effect of nonlinear loss, *Journal of Lightwave Technology* 34, 1274-1280 (2016).
4. **T. Wu**, P. Shum, X. Shao, Y. Sun, T. Huang, and L. Wei, Efficient phase-matched third harmonic generation in a metal-clad plasmonic double-slot waveguide, *Journal of Optics* 17, 025506 (2015).
5. **T. Wu**, P. Shum, Y. Sun, X. Shao, and T. Huang, Study on the crucial conditions for efficient third harmonic generation using a metal-hybrid-metal plasmonic slot waveguide, *Optics Express* 23, 253-263 (2015).
6. K. Li, T. Zhang, N. Zhang, M. Zhang, J. Zhang, **T. Wu**, S. Ma, J. Wu, M. Chen, Y. He, and L. Wei, Integrated liquid crystal photonic bandgap fiber devices, *Frontiers of Optoelectronics* 9, 466-482 (2016). Invited Review.
7. K. Li, N. Zhang, T. Zhang, Z. Wang, M. Chen, **T. Wu**, S. Ma, M. Zhang, J. Zhang, Dinish U. S, P. Shum, M. Olivo, and L. Wei, Formation of ultra-flexible, conformal, and nano-patterned photonic surfaces via polymer cold-drawing, *Journal of Materials Chemistry C* 6, 4649-4657 (2018).