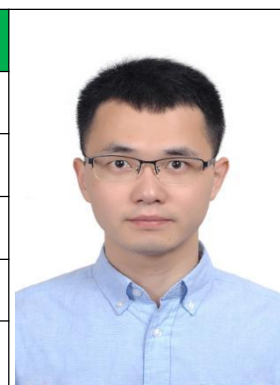


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Publications

1. **Peng Wang***, Yuankai Zhang, Linfeng He, Qingxi Liao*. (2024). Polyethylene imine-modified photonic crystal microfluidic Chip for highly sensitive detection of microbial spores. *Food Chemistry*. (JCR Q1, IF:8.5)
2. Liao, L., Ni, Q., **Peng, W.***, & Mei, Q. * (2024). Advances in Multifunctional Sensors Based on Triboelectric Nanogenerator–Applications, Triboelectric Materials, and Manufacturing Integration. *Advanced Materials Technologies*, 2301592. (JCR Q1, IF:6.8)
3. Wang, K., Sun, C., Dumčius, P., Zhang, H., Liao, H., Wu, Tian L. **Peng, W.**, et al. & Cui, M*. (2023). Open source board based acoustofluidic transwells for reversible disruption of the blood–brain barrier for therapeutic delivery. *Biomaterials Research*, 27(1), 69. (JCR Q1, IF:11.3)
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7. **Peng W**, Liao Q, Song H. A Nanograting based Flexible and Stretchable Waveguide for Tactile Sensing. *Nanoscale Research Letters*, 2021. (SCI IF: 3.581)
8. **Peng, Wang**, Jingming Xie, Zhongkai Gu, Qingxi Liao, and Xuanxuan Huang. "A High Performance Real-time Vision System for Curved Surface Inspection." *Optik* (2021):

166514. (SCI IF: 2.187)

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10. **Peng W**, Chen Y, Ai W. Higher-order mode photonic crystal based nanofluidic sensor [J]. *Optics Communications*, 2017, 382: 105-112. (SCI IF: 2.125)