



2. 参与国家重点研发计划项目(纳米科技), 指导胃癌用药的分分型纳米检测器件  
与试剂研究

**部分代表性论文:**

1. **Lele Zhou**, Weiping Qian\*, et al., Real-time Monitoring of Interactions between Dietary Fibers and Lipid Layer and Their Impact on the Lipolysis Process, *Food Hydrocolloid*. 2022, 125: 107445. (TOP 期刊, 中科院 1 区, IF = 11.504)
2. **Lele Zhou**, Weiping Qian\*, et al., Construction of Lipid Layer and Monitoring its Digestion by Optical Interferometry, *Food Chem*. 2022, 366: 130553. (TOP 期刊, 中科院 1 区, IF = 9.231)
3. **Lele Zhou**, Weiping Qian\*, et al., Real-Time Monitoring of Curcumin Release with Lipid-Curcumin-Loaded Silica Colloidal Crystal Film Using Optical Interferometry. *Anal. Chem*. 2022, 94(45): 15809-15817. (TOP 期刊, 中科院 1 区, IF = 8.008, 封面文章)
4. **Lele Zhou**, Weiping Qian\*, et al., Using Reflectometric Interference Spectroscopy to Real-Time Monitor Amphiphile-Induced Orientational Responses of Liquid-Crystal-Loaded Silica Colloidal Crystal Films, *Anal. Chem*. 2020, 92(17): 12071-12078. (TOP 期刊, 中科院 1 区, IF = 8.008)