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研究方向	1, 污染物的毒性安全评价; 2, 污染物的去除工艺; 3, 新化学品毒理学机制					
主要科研项目及代表性成果 (包括项目、论文、专著、获奖、专利等)						
<p>科研项目:</p> <p>主持项目:</p> <ol style="list-style-type: none"> <li>1、中国博士后科学基金面上项目, DINP 通过胰岛素通路诱发胰岛素抵抗的机制研究, 2017M621058。</li> <li>2、国家自然科学基金青年项目, 典型全氟烷酸类化合物通过 SIRT1-UCP2 通路干扰胰岛素分泌的作用及机制研究, 21607021。</li> <li>3、国家星火计划项目, 固定化酶制备大豆肽技术及推广, 2014GA740050。</li> <li>4、山东省优秀中青年科学家科研奖励基金, 全氟羧酸类污染物与 G 蛋白偶联受体 40 的结合作用及干扰效应研究, BS2014HZ007。</li> </ol> <p>参与项目:</p> <ol style="list-style-type: none"> <li>1、国家自然科学基金项目, 纳米粒子增强单线态氧通道均相化学发光免疫研究及其在环境雌激素类物质中的分析应用。</li> <li>2、国家自然科学基金项目, 环境污染物对蛋白质可逆糖基化过程干扰效应的快速筛查和干扰机制研究。</li> <li>3、国家自然科学基金项目, 全氟化合物甲状腺系统干扰效应的分子机制研究。</li> <li>4、973 项目, 纳米材料的水处理器件化方法及其应用基础研究。</li> </ol> <p>论文:</p> <ol style="list-style-type: none"> <li>1. Duan, X.; Sun, W.; Sun, H., <b>Zhang, L.*</b>, Perfluorooctane sulfonate continual exposure impairs glucose-stimulated insulin secretion via SIRT1-induced upregulation of UCP2 expression. <i>Environmental Pollution</i>, 2021, 278, 116840.</li> </ol>						

2. **Zhang, L.**; Duan, X.; Sun, W.; Sun, H.\*. Perfluorooctane sulfonate acute exposure stimulates insulin secretion via GPR40 pathway. *Science of The Total Environment*, 2020, 726, 138498.
3. **Zhang, L.**; Sun, W.; Duan, X.; Duan, Y.; Sun, H.\*. Promoting differentiation and lipid metabolism are the primary effects for DINP exposure on 3T3-L1 preadipocytes. *Environmental Pollution*, 2019, 255, 113154.
4. Sun, W.; Duan, X.; Chen, H.; **Zhang, L.\***; Sun, H.\*. Adipogenic activity of 2-ethylhexyl diphenyl phosphate via peroxisome proliferator-activated receptor  $\gamma$  pathway. *Science of The Total Environment*, 2020, 711, 134810.
5. **Lianying Zhang**, Xiao-Min Ren, Liang-Hong Guo\*. Structure-based investigation on the interaction of perfluorinated compounds with human liver fatty acid binding protein. *Environmental Science & Technology*, 2013, 47(19): 11293-11301.
6. **Lianying Zhang**, Xiao-Min Ren, Bin Wan, Liang-Hong Guo\*. Structure-dependent binding and activation of perfluorinated compounds on human peroxisome proliferator-activated receptor gamma. *Toxicology and Applied Pharmacology*, 2014, 279(3): 275-283.
7. **Lianying Zhang\***, Xinjun Zhu, Dejie Jiao, Yongling Sun, Hanwen Sun. Efficient purification of His-tagged protein by superparamagnetic Fe<sub>3</sub>O<sub>4</sub>/Au-ANTA-Co<sup>2+</sup> nanoparticles. *Materials Science & Engineering C-Materials for Biological Applications*, 2013, 33(4): 1989-1992.
8. **Lianying Zhang\***, Xin-jun Zhu, Han-wen Sun, Gui-rong Chi, Jun-xiao Xu, Yong-ling Sun. Control synthesis of magnetic Fe<sub>3</sub>O<sub>4</sub>-chitosan nanoparticles under UV irradiation in aqueous system. *Current Applied Physics*, 2010, 10(3): 828-833.
9. Xinjun Zhu, **Lianying Zhang \***, Aiyun Fu, Hao Yuan. Efficient purification of lysozyme from egg white by 2-mercapto-5-benzimidazolesulfonic acid modified Fe<sub>3</sub>O<sub>4</sub>/Au nanoparticles. *Materials Science & Engineering C-Materials for Biological Applications*, 2016, 59: 213-217.
10. Sufang Wang, Bin Wan, **Lianying Zhang**, Yu Yang\*, Liang-Hong Guo\*. In vitro inhibition of lysine decarboxylase activity by organophosphate esters. *Biochemical Pharmacology*, 2014, 92(3): 506-516.
11. 任肖敏, **张连营**, 郭良宏\*. 多溴联苯醚和全氟烷基酸的分子毒理机制研究, *环境化学*, 2014, 10: 1662-1671