

个人简介

叶相元，博士，讲师

2007.8-2011.7 西北师范大学 化学化工学院 获学士学位

2011.8-2016.7 中科院兰州化学物理研究所 获博士学位

2016.7-2016.11 西安石油大学 化学化工学院

2016.12-至今 宝鸡文理学院 化学化工学院



研究领域

- (1) 新型聚合物材料的制备及其减阻、抗磨性能研究；
- (2) 纳米添加剂的制备及其摩擦学性能研究；
- (3) 自愈合、自修复材料的制备与应用研究。

研究成果

- 1、2019.1-2021.12, 不对称修饰氟化石墨烯原位增强聚酰亚胺减摩抗磨行为研究, 国家自然科学基金, 25 万, 主持;
- 2、2023 年陕西省青年科技新星;
- 3、Xiangyuan Ye, etc. Tuning the structures of boron nitride nanosheets by templatesynthesis and their application as lubrication additives in water. *Applied Surface Science* 2019, 479, 119–127.
- 4、Xiangyuan Ye*, etc. Evaluating tribological properties of the stearic acid-basedorganic nanomaterials as additives for aqueous lubricants. *Tribology International* 2019, 140, 105848.

- 5、 Xiangyuan Ye*, etc. The influences of functionalized carbon nanotubes as lubricating additives: length and diameter. *Diamond & Related Materials* 2019, 100, 107548.
- 6、 Xiangyuan Ye, etc. Covalent functionalization of fluorinated graphene and subsequent application as water-based lubricant additive. *ACS Applied Materials & Interfaces*, 2016, 8, 7483-7488.
- 7、 Xiangyuan Ye, etc. Tribological properties of fluorinated graphene reinforced polyimide composite coatings under different lubricated conditions. *Composites Part A: Applied Science and Manufacturing*, 2016, 81, 282-288.
- 8、 Xiangyuan Ye, etc. Fluorinated graphene reinforced polyimide films with the improved thermal and mechanical properties. *Composites Part A: Applied Science and Manufacturing*, 2015, 75, 96-103.
- 9、 Xiangyuan Ye, etc. A novel application of mesoporous silica nanospheres on effective retention and delivery of lubricating oil. *Microporous and Mesoporous Materials*, 2015, 204, 131-136.
- 10、 Xiangyuan Ye, etc. Enhanced mechanical properties and thermostability of polyimide/mesoporous silica nanocomposite via effectively using the pores. *Journal of Applied Polymer Science*, 2014, 131, 41173.

联系方式

通讯地址：陕西省宝鸡市高新大道 1 号（宝鸡文理学院东区）\

邮编：721013

邮箱：bjuasyxy@163.com