

方世强学术简介

1. 个人信息 Personal Information

职称：副教授

性别：男

毕业院校：浙江大学

学位：博士

学科：化学

电子邮箱：fangshiqiang@gmail.com

2. 个人简介 Personal Profile

方世强，理学博士，宁波财经学院副教授，主要研究方向为文物保护材料/建筑胶凝材料。近年来主持了国家社科基金、中国博士后面基金、浙江省文物局科技保护项目等课题，参与国家重点研发计划、国家科技支撑项目、国家文物局项目等项目，发表 SCI 论文 10 余篇。担任国际学术期刊 coatings 的客座编辑，入选浙江省高校领军人才培养计划的青年优秀人才。

3. 学术研究 Academic research

论文成果

1. Wenjing Hu, Xiaobin Liu, **Shiqiang Fang** (通讯作者), Xueqiang Chen, Wanfa Gu, Qingli Wei. Research on the building materials of adobe house in the Neolithic period at the Qingtai site, China. *Archaeometry*, 2022, online (SCI&AHCI 收录)
2. **Shiqiang Fang**, Chenglei Meng, Kun Zhang, Wenjing Hu, Xiaobin Liu. New insight into the craftsmanship of sucrose-modified rammed earth-lime materials. *Journal of Asian Architecture and Building Engineering*, 2022, 21(3): 1019-1028. (SCI&AHCI 收录)
3. Xue-Qiang Chen (通讯作者), Lina Xie, Ming Cao, Wenjing Hu, Lifei Gong, **Shiqiang Fang** (通讯作者). Synthesis and primary investigation of a novel inorganic gel based on calcium oxalate oligomers. *Journal of Material Science*, 2022, 57: 1036-1043 (SCI 收录)

4. Xue-Qiang Chen (通讯作者), Ke Xia, Wenjing Hu, Ming Cao, Kai Deng, **Shiqiang Fang** (通讯作者). Extraction of underwater fragile artifacts: research status and prospect. *Heritage Science*, 2022, 10(1):9 (SCI 收录)
5. Guofeng Wei, **Shiqiang Fang**(通讯作者), Zhengquan Yao. Application of mortar to wrap coffins in ancient Chinese tombs: Their properties, compositions and protective effect for the buried objects. *Archaeometry* , 2021, 63(2): 398-417. (SCI&AHCI 收录)
6. Wenjing Hu, **Shiqiang Fang** (通讯作者), and Bingjian Zhang. Techniques to Overcome the Obstruction of Attachments and Improve the Antiseepage Effectiveness of Grouting in Protecting Stone Carvings. *Journal of Performance of Constructed Facilities*, 2021, 35(6): 06021003. (SCI 收录)
7. **Shiqiang Fang**, Bingjian Zhang, Kun Zhang. The long-term monitoring and evaluation of cement-based grout used to govern the water seepage of karst caves in China. *Heritage Science*, 2020, 8(1):50 (SCI 收录)
8. **Shiqiang Fang**, Kun Zhang, Bingjian Zhang, Liya Wang. Evaluation of Cement-Based Grout for Reinforcing Unsafe Rocks of Stone Carvings at Hangzhou Klippe in China. *Journal of Materials in Civil Engineering*, 2019, 31(2): 05018005 (SCI 收录)
9. **Shiqiang Fang**, Kun Zhang, Hui Zhang, Bingjian Zhang, A study of traditional blood lime mortar for restoration of ancient buildings. *Cement and Concrete Research*, 2015, 76: 232-241 (SCI 收录, TOP 一区)
10. **Shiqiang Fang**, HuiZhang, Bingjian Zhang, GuoqingLi , A study of Tung-oil-lime putty—A traditional lime based mortar. *International Journal of Adhesion & Adhesives* , 2014 , 48 : 224-230 (SCI 收录)
11. **Shiqiang Fang**, Hui Zhang, Bingjian Zhang , Ye Zheng , The Identification of Organic Additives in Traditional Lime Mortar. *Journal of Cultural Heritage*, 2014, 15 : 144-150 (SCI 收录)
12. **Shiqiang Fang**, Hui Zhang, Bingjian Zhang, Guofeng Wei, Guoqing Li, Yang Zhou, A study of the Chinese organic-inorganic hybrid sealing material used in"Huaguang No.1" ancient wooden ship. *Thermochimica Acta*, 2013, 551: 20-26. (SCI 收录)

科研课题

- 1.主持国家自然科学基金：明清时期浙江地区传统灰塑制作工艺研究
- 2.主持中国博士后面上基金：中国传统红糖-石灰-土建筑材料工艺与机理研究
- 3.主持浙江省文物局科技保护项目：宁波近代混凝土海防工事的劣化机理与保护对策研究

4.研究方向 Research Focus

文物保护材料、建筑胶凝材料

5.社会兼职 Social Affiliations

[1] SCI 期刊 Coatings 客座编辑 (2021)

6.生活照片一张

