中国科学院院士候选人吕昭平黑料

- 学术及行为不端问题

1. 吕昭平在Nano-Micro Letters期刊发表的Durable Acidic Oxygen Evolution Via Self-Construction of Iridium Oxide/Iridium-Tantalum Oxide Bi-Layer Nanostructure with Dynamic Replenishment of Active Sites论文中存在复制、重复使用等人为操纵等学术造假行为。具体如下：

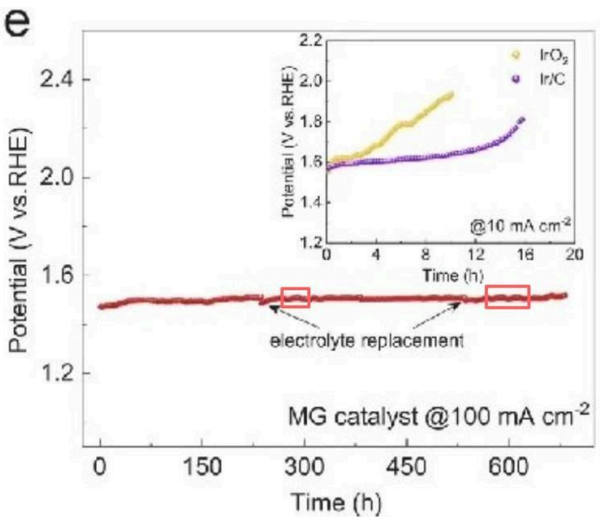
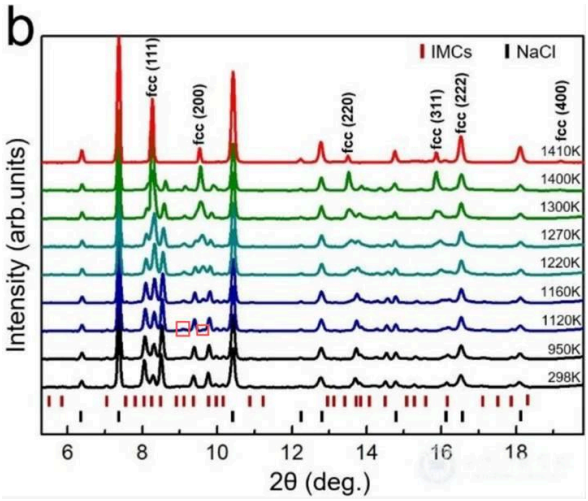


图1e中明显存在数据复制的认为操纵造假行为。

2. 吕昭平在Nature Communications发表的Continuous polyamorphic transition in high-entropy metallic glass论文，存在为了让曲线呈现梯度变化，认为操纵个别衍射峰的造假行为。具体如下：



补充数据图5b中，1120K和1160K，明显其他峰位完全一致，红圈内区域，为了让曲线呈现梯度变化，人为修改了个别衍射峰的数据，是明显的造假行为。

3. 吕昭平团队在合金材料领域发表的系列论文，为了提升知名度为目的进行虚假宣传、片面夸大科研成就等问题，具体论文如下：

1. Enhanced strength and ductility in a high-entropy alloy via ordered oxygen complexes, Nature, 2018, DOI: 10.1038/s41586-018-0685-y. https://www.nature.com/articles/s41586-018-0685-y
2. Lightweight single-phase Al-based complex concentrated alloy with high specific strength. Nature Communications, 2024, 7102. https://doi.org/10.1038/s41467-024-51387-6
3. Elastic strain-induced amorphization in high-entropy alloys, Nature Communications, 2024, https://www.nature.com/articles/s41467-024-48619-0