AIRC 2025 Review Form

Paper ID	AC277
Paper Title	Semantic Odor Source Localization via Visual an Olfactory Integrated Navigation

Evaluation:

	Poor	Fair	Good	Very Good	Outstanding
Originality and Innovation	☐	☐	☒	☐	☐
Technical Merit	☐	☐	☐	☒	☐
Applicability	☐	☐	☐	☒	☐
Contribution to Academic Debate	☐	☐	☒	☐	☐
Structure of the Paper	☐	☐	☐	☒	☐
Presentation and English	☐	☐	☒	☐	☐
Match to Conference Topic	☐	☐	☐	☒	☐

Recommendation to Editors:

☐	Publish Unaltered
☒	Publish In Minor, Required Changes
☐	Publish After Major Required Changes
☐	Reject (Paper Is Seriously Flawed; Do Not Encourage Resubmission.)

Comments:

Please state the reason you gave the recommendation above. Please give the author specific guidance regarding revisions, differentiating between optional and mandatory changes. (Within 50-100 words)

The article only compares with random walk, vision-only and olfactory-only methods, and does not fully compare with existing advanced OSL algorithms (such as those based on reinforcement learning or deep learning), and cannot prove its performance advantage.

The reasoning process of LLM relies on pre-trained language models and may not fully understand complex visual and olfactory information, especially when faced with ambiguous or ambiguous perceptual data.

There are some grammatical problems in the article.