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RETRACTION

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Retraction: Planar chiral orange-red TADF materials with AIE properties for efficient circularly polarized OLEDs

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Retraction of 'Planar chiral orange-red TADF materials with AIE properties for efficient circularly polarized OLEDs' by Xiong Xiao *et al.*, *Chem. Commun.*, 2025, **61**, 11766–11769, https://doi.org/10.1039/D5CC02694F.

The Royal Society of Chemistry, with agreement of the named authors, hereby wholly retracts this *Chemical Communications* article. This article reports the development of chiral thermally activated delayed fluorescence (CP-TADF) molecules with aggregation-induced emission (AIE) and circularly polarized luminescence (CPL) properties in solution, films, and organic light-emitting diodes (OLEDs). Repeated experiments confirmed the AIE behaviors, photophysical properties and the circularly polarized electroluminescence (CPEL) performances. However, recent experiments have shown that the measurement of the OLED performances in the original article lacked sufficient accuracy, leading to an overestimation of the maximum luminance and efficiencies of the devices. Although the reported materials are valid and the majority of the results are reproducible, the authors do not yet have sufficient confidence in the reliability of the device performance data. An independent expert has been consulted and agrees with this assessment of the reported performance data. In order to maintain the accuracy of the scientific record, the authors have decided to retract this article. They intend to submit a revised manuscript in due course, once they can confirm the validity of the study.

Signed: Xiong Xiao, Jia-Qi Liang, Jia-Jun Hu, Li Yuan, Jia-Zhen Zhu, Zong-Ju Chen, You Song, Cheng-Hui Li and You-Xuan Zheng

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Retraction endorsed by Richard Kelly, Executive Editor, *Chemical Communications*

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