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## RETRACTION

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## Retraction: Sublimable cationic Ir(III) phosphor using chlorine as a counterion for high-performance monochromatic and white OLEDs

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Retraction of 'Sublimable cationic Ir(III) phosphor using chlorine as a counterion for high-performance monochromatic and white OLEDs' by Lei Ding *et al.*, *Chem. Commun.*, 2018, **54**, 11761–11764.

We, the named authors, hereby wholly retract this *Chemical Communications* article. In the original paper, the titled compound was characterized as the cationic Ir(III) complex because the hydrogen signal that appeared at low field nuclear magnetic resonance of 11.0 ppm was considered to result from active hydrogen (Fig. 1). However, our recent experimental data have shown that the obtained compound is a neutral Ir(III) complex confirmed by the single-crystal structure (see Fig. 2). Therefore, due to the incorrect conclusion made in the original paper, we decide to retract this article and sincerely regret any inconvenience the incorrect conclusion caused for readers.



Fig. 1 Original <sup>1</sup> H NMR of [(ptbi)<sub>2</sub>lr(bisq)]Cl.

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Fig. 2 Crystal structure of (ptbi)<sub>2</sub>Ir(bisq) with hydrogen and solvent atoms omitted to aid with clarity and ellipsoids drawn at the 50% probability level.

Signed: Lei Ding, Chun-Xiu Zang, Hui-Ting Mao, Guo-Gang Shan, Li-Li Wen, Hai-Zhu Sun, Wen-Fa Xie and Zhong-Min Su Retraction endorsed by Richard Kelly, Executive Editor, *Chemical Communications*