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Correction: Efficient phosphorescent red iridium(III) complexes containing a four-membered Ir–S–C–S ring backbone and large hindered spacers for high-performance OLEDs

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Correction for 'Efficient phosphorescent red iridium(III) complexes containing a four-membered Ir–S–C–S ring backbone and large hindered spacers for high-performance OLEDs' by Guang-Zhao Lu et al., *J. Mater. Chem. C*, 2019, **7**, 3862–3868.

This correction is being issued to draw the readers' attention to the authors' closely related papers, published at a similar time in *Chemical Science*¹ and *Materials Chemistry Frontiers*,² which should have been cited in this *Journal of Materials Chemistry C* paper. The authors understand that they should have notified the journal's editors about the related manuscripts when this *Journal of Materials Chemistry C* paper was under review.

All three papers report cyclometalated iridium(III) complexes that contain a four membered ring based on the same Ir–S–C–S backbone. However, the complexes reported in each paper have different cyclometalated ligands and/or different dithiocarbamate derivatives as the main ligands and ancillary ligands, respectively.

In this *Journal of Materials Chemistry C* paper, two complexes were reported using 4-(4-(trifluoromethyl)phenyl)quinazoline as the main ligand and two dithiocarbamate derivatives as ancillary ligands. In ref. 1, three complexes were reported with the same main ligand but with three different ancillary ligands. In ref. 2, the authors reported five complexes using 1-(4-(trifluoromethyl)phenyl)isoquinoline as the main ligand and five dithiocarbamate derivatives as ancillary ligands.

Therefore, although all the papers reported iridium(III) complexes with similar structures, these materials show different photophysical properties and device performances. However, ref. 1 and 2 should have been cited in this *Journal of Materials Chemistry C* paper.

The authors also regret that there are portions of unattributed text overlap in the Introduction and Results and discussion sections with other papers published by the authors, including ref. 1 and 2.

References

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2. G.-Z. Lu, R. Wu, L. Liu, L. Zhou, Y.-X. Zheng, W.-W. Zhang, J.-L. Zuo and H. Zhang, *Mater. Chem. Front.*, 2019, **3**, 860–866.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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