

# Correction: Synthesis and structural characterization of metal complexes with macrocyclic tetracarbene ligands

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Correction for ‘Synthesis and structural characterization of metal complexes with macrocyclic tetracarbene ligands’ by Fan Fei et al., *New J. Chem.*, 2017, **41**, 13442-13453.

The excitation wavelengths  $\lambda_{\text{ex}}$  for complexes **1**, **4** and **5** were incorrect. They should be 340 nm for **1**, 345 nm for **4** and 340 nm for **5**. Thus, the sentences on p. 13447, left column, line 12 read:

The emission spectra in acetonitrile solution (1.0 mM) show a band at 402 nm ( $\lambda_{\text{ex}} = 340$  nm) for **1** and two bands at 405 nm and 532 nm for **4** ( $\lambda_{\text{ex}} = 345$  nm) (Fig. 5), corresponding to the blue-violet and yellow-green emissions, respectively. Compared to **1** and **4**, the emission spectrum of **5** shows two weak bands at 389 nm and 520 nm ( $\lambda_{\text{ex}} = 340$  nm) (Fig. 5). The emission quantum yield ( $\Phi$ ) of **4** was determined to be 0.28 ( $\lambda_{\text{ex}} = 345$  nm) relative to quinine sulfate,<sup>24,25</sup> while that of **5** was very low, below 0.05 ( $\lambda_{\text{ex}} = 340$  nm).

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In addition, caption of Fig. 5 reads:

**Figure 5** (Upper) Absorption spectra of  $(H_4L^1)(PF_6)_4$  (black), **1** (red), **4** (green) and **5** (blue). (Bottom) Emission spectra of **1** (red,  $\lambda_{ex} = 340$  nm), **4** (green,  $\lambda_{ex} = 345$  nm) and **5** (blue,  $\lambda_{ex} = 340$  nm). All the samples were 1  $\mu M$  in acetonitrile.