

**Rationally Designed and Controlled Syntheses of Different Series of 4d–4f
Heterometallic Coordination Frameworks Based on Lanthanide Carboxylate and
Ag(IN)₂ Substructures**

Yongcai Qiu,^{†,‡} Zhihui Liu,[†] Jixia Mou,[†] Hong Deng,^{*,†} Matthias Zeller,^{*,§}

Supporting Information

Table of Contents

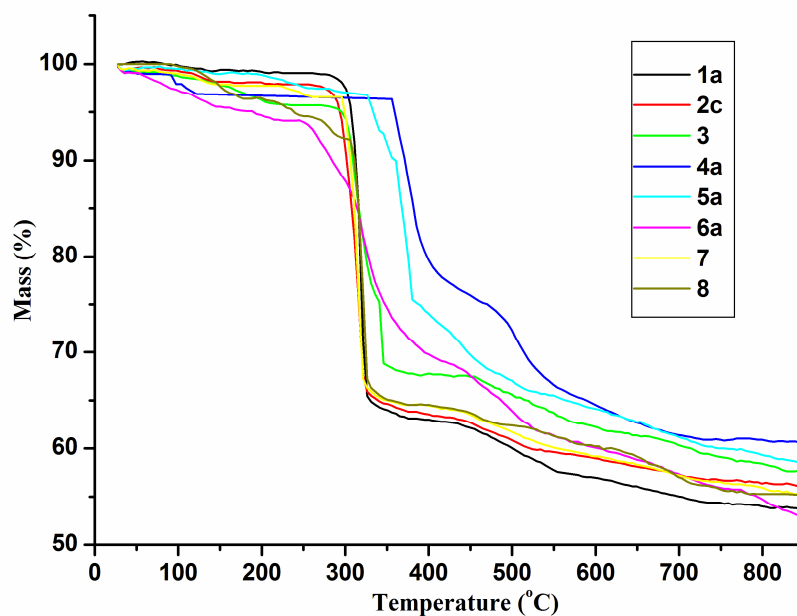


Fig. S1. TGA traces of representative complexes.

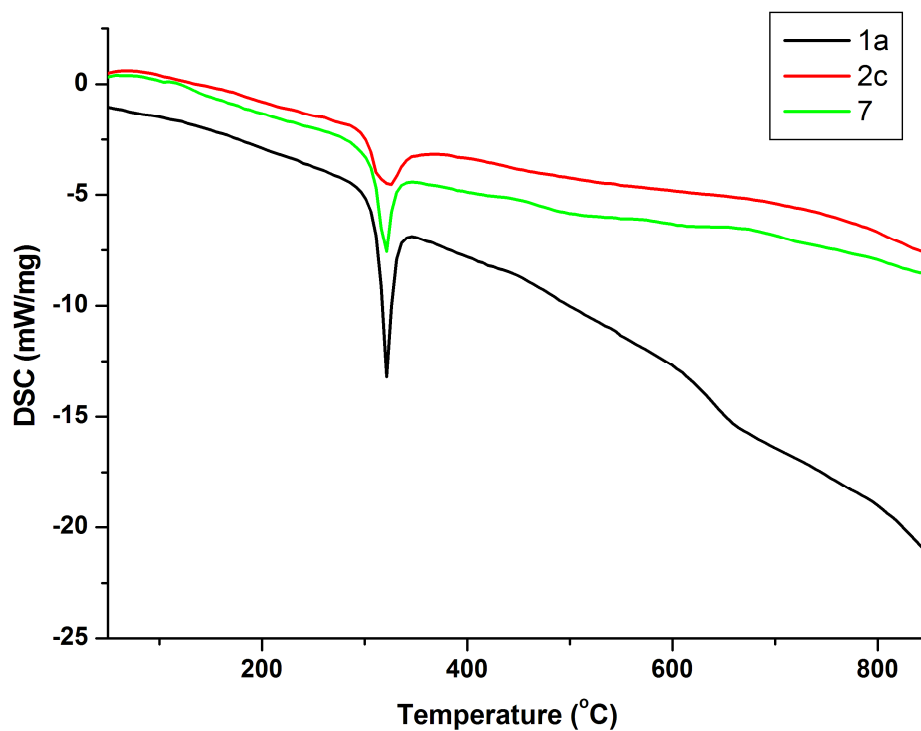


Fig. S2. DSC traces of complexes 1a, 2c and 7 involving perchlorate ions.

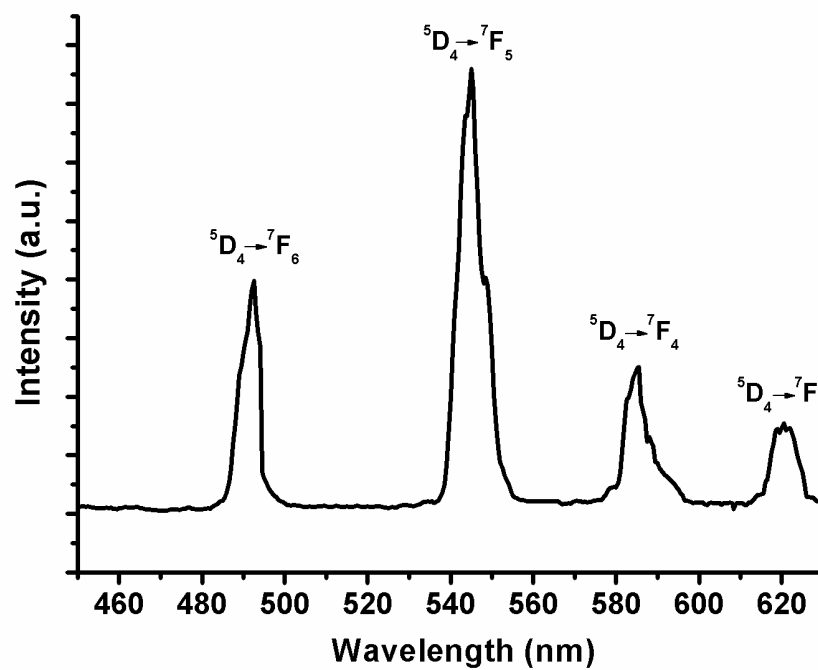


Fig. S3. Solid-state emission spectrum of 1a at room temperature.

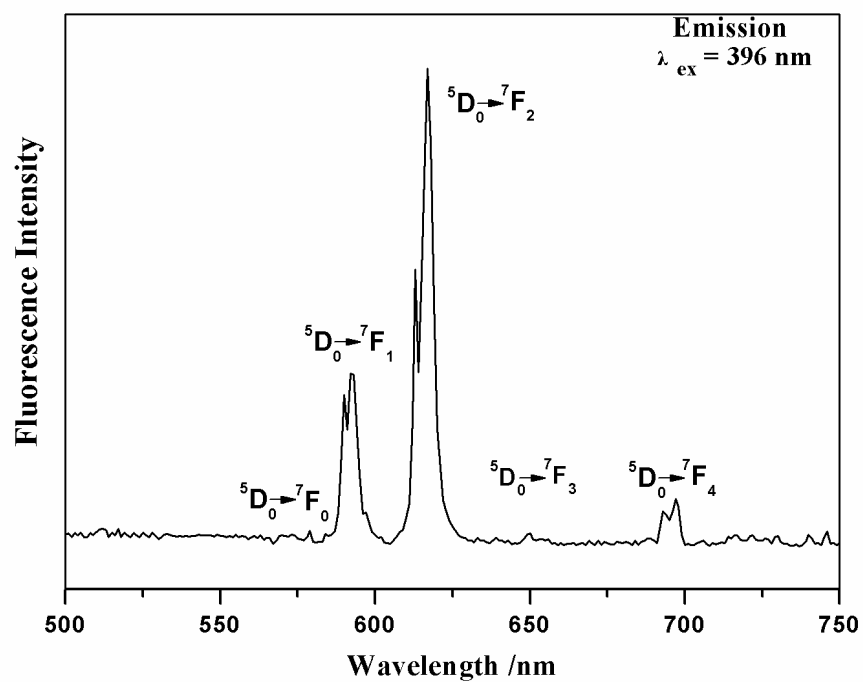


Fig. S4. Solid-state emission spectrum of **2b** at room temperature.

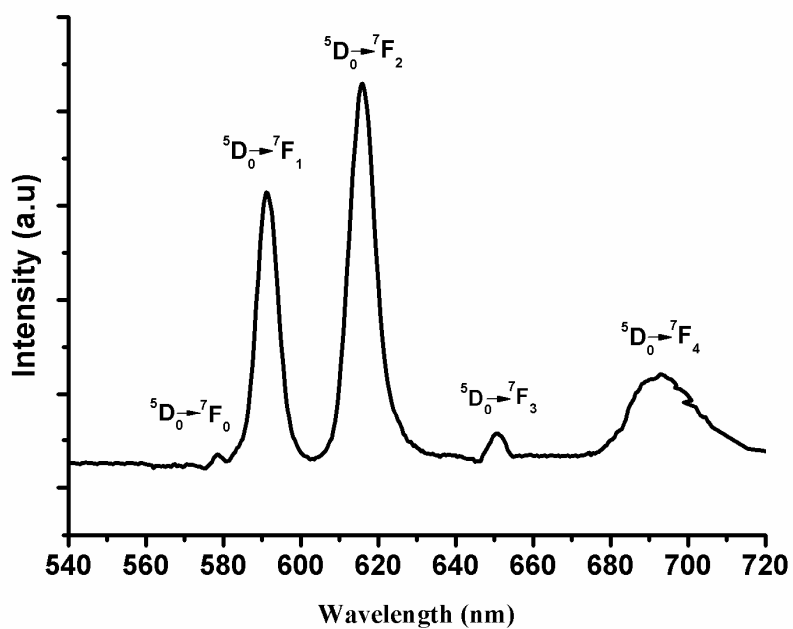


Fig. S5. Solid-state emission spectrum of **8** at room temperature.