

f-Element Coordination Chemistry: Tuning Properties, Reactivity and Recycling

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The f-elements (lanthanoids and actinoids) possess a variety of properties which make them invaluable or promising for a variety of applications, such as in electronics, optics or as catalysts. However, a thorough understanding on how to tune these properties on the molecular level is often lacking. This talk will highlight our approach towards a more rational design of new f-element compounds.

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