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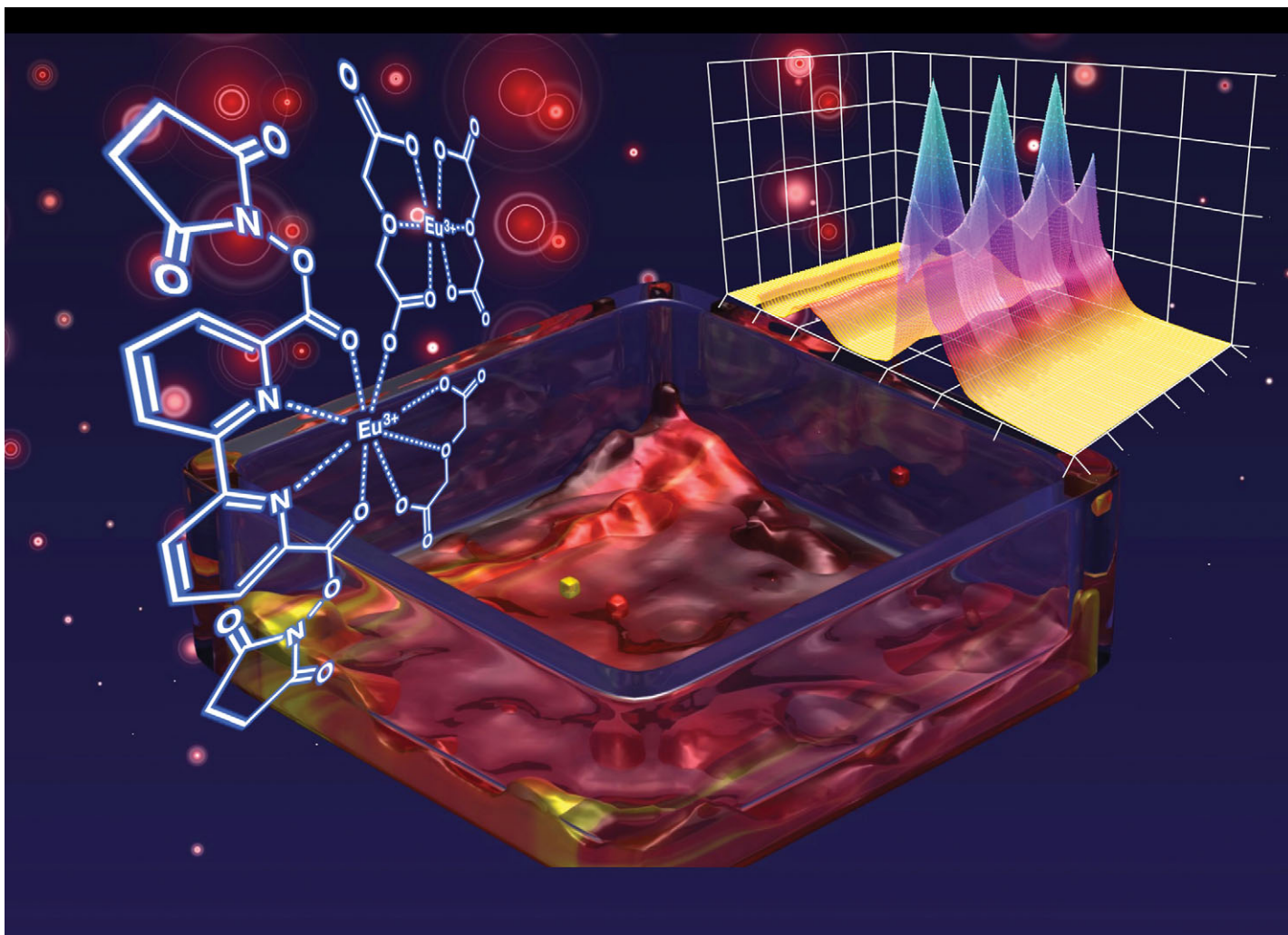
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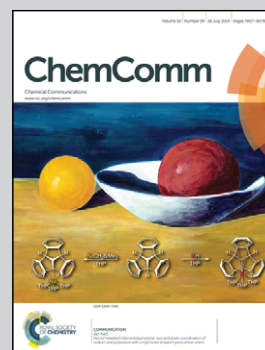


Showcasing research from Professor Tsuyoshi Kawai's research group, Graduate School of Materials Science, Nara Institute of Science and Technology, Japan

Ratiometric luminescence thermometry based on crystal-field alternation at the extremely narrow $^5D_0 \rightarrow ^7F_2$ transition band of europium(III)

A dinuclear europium(III) complex shows a fully reversible emission spectral change at the extremely narrow $^5D_0 \rightarrow ^7F_2$ transition band in response to temperature changes ranging from 283 to 333 K.

As featured in:



See Junpei Yuasa,
Tsuyoshi Kawai et al.,
Chem. Commun., 2014, 50, 7937.



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