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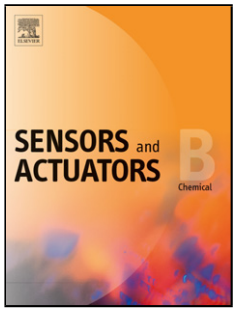

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A new mechanism for temperature sensing based on the thermal population of $^7F_2$ state in Eu^{3+}

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