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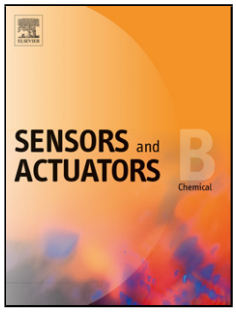

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A colorimetric sensor array-based classification of coffees

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Highlights

- A colorimetric sensor array was developed to classify different coffees.
- The unique color profile for each coffee sample was obtained. .
- The samples were successfully distinguished according to their categories.
- We demonstrated that the sensor array was useful for rapid discrimination of different coffees.

Abstract

A method based on colorimetric sensor array (CSA) was used to classify different coffees. The array was fabricated by printing twelve sensing materials selective to key coffee aroma odorants on a hydrophobic membrane. The unique color profile for each coffee sample was

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