Analytical Methods

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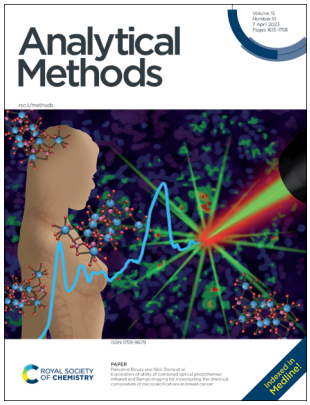

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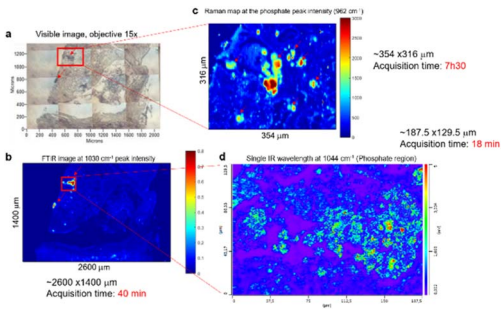

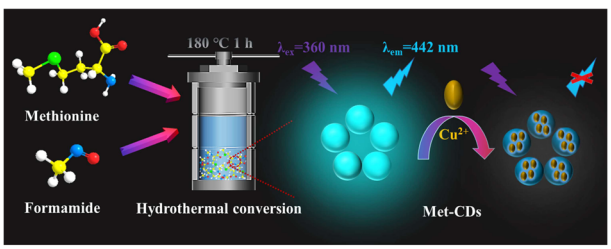

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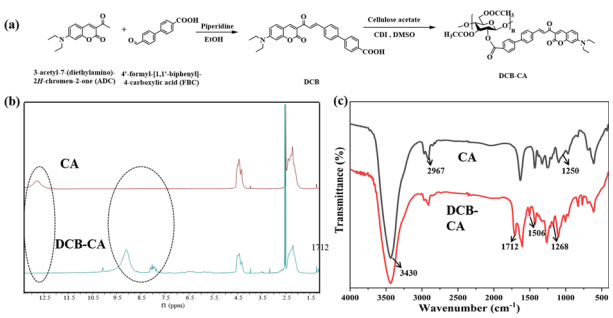

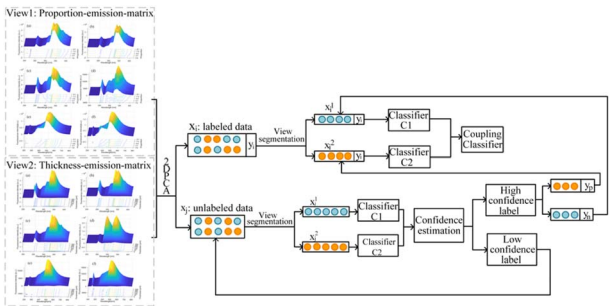

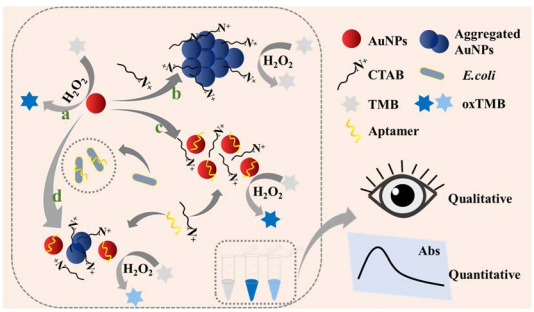

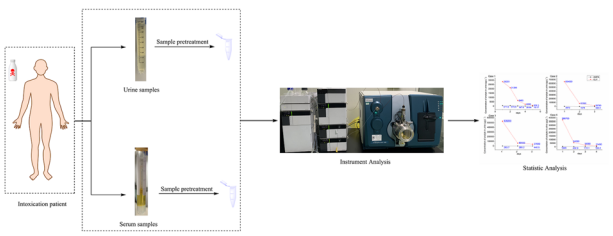

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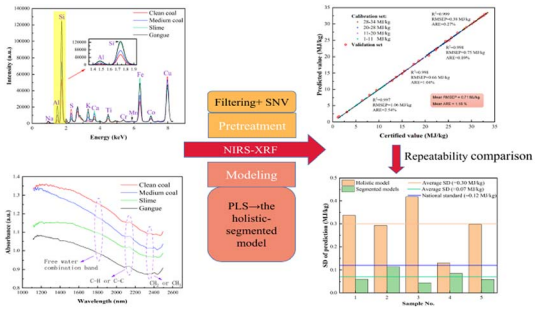

Ultra-repeatability measurement of calorific value of coal by NIRS-XRF

Rui Gao, Jiaxuan Li, Shuqing Wang, Yan Zhang, Lei Zhang,* Zefu Ye, Zhujun Zhu, Wangbao Yin* and Suotang Jia

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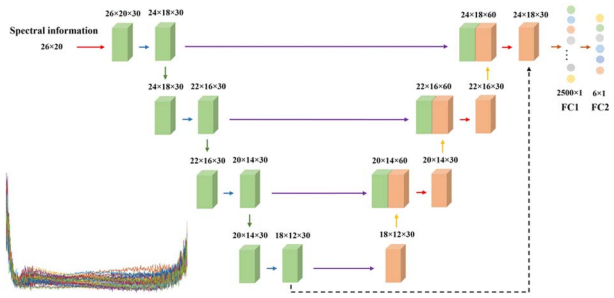

AUNet: a deep learning method for spectral information classification to identify inks

Yan Shi,* Xinyu He, Qinglun Zhang, Chongbo Yin, Ninghui Feng, Haoming Chen and Hualing Lin*

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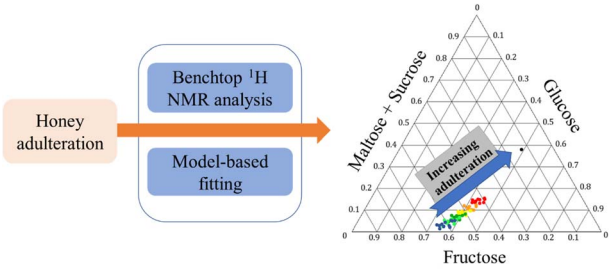

Detection of honey adulteration using benchtop ^{1}H NMR spectroscopy

Yuki Rhee, Ella R. Shilliday, Yevgen Matviychuk, Thien Nguyen, Neil Robinson, Daniel J. Holland, Paul R. J. Connolly and Michael L. Johns*

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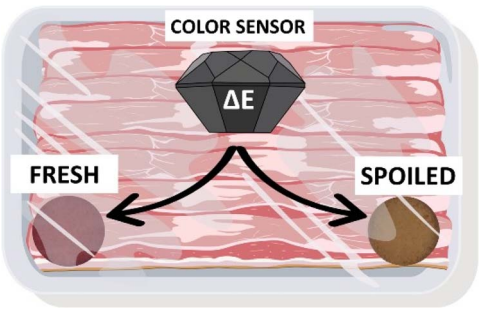

The use of a novel smartphone testing platform for the development of colorimetric sensor receptors for food spoilage

Tinkara Mastnak, Gerhard J. Mohr and Matjaž Finšgar*

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