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Author: Zhu Hongkai Ye Yang He Huafeng Dong Chunwang

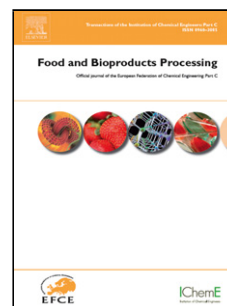
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Evaluation of Green Tea Sensory Quality via Process Characteristics and Image Information

Zhu Hongkai^{a, b}, Ye Yang^{a, b}, He Huafeng^{a, b}, Dong Chunwang^{a, b*}

^a Tea Research Institute, China Academy of Agricultural Sciences, Hangzhou 310008, China

^b Key Laboratory of Tea Biology and Resource Utilization, Ministry of Agriculture, Hangzhou 310008, China

* Corresponding author. Tel: +86 15268108859.

E-mail: dongchunwang@163.com.

Addresses: No.9, Meiling South Road, Hangzhou City, Zhejiang province, China, 310008

Highlights:

- Green tea's sensory quality can be predicted precisely through process parameters.
- Image feature of finished green tea can accurately evaluate its sensory quality.
- Comparison of the RBF and the BP-MLP accuracy of the model.
- The RBF model displayed greater accuracy for the sensory quality.

Abstract:

As the processing control and sensory evaluation of green tea are highly subjective and the tea industry is highly professionalized, it is desirable that to find a more objective way of evaluating the quality of tea is found. In this paper, two models were set up using the BP-MLP and RBF neural networks, a sensory quality prediction model, using eleven parameters measured

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