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# 中国实验方剂学杂志

— Chinese Journal of Experimental Traditional Medical Formulae —

## 本期推荐

### · 基于深度学习算法的川贝母、山楂及半夏饮片的智能鉴别

传统的中药品种鉴定依赖专业人员的主观感觉和经验,检验结果受主观影响较大,不利于高效和大批量检测。该研究选择11种中药饮片为研究对象,通过结合基于深度学习的图像识别技术,建立深度卷积神经网络模型,实现了定位检测、品种识别等功能,显著提高了中药快速鉴别的准确率,较传统图像处理与模式识别的中药检测方法具有快速、准确、可批量化检测等优点。



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