



中文核心期刊、中国科技核心期刊
中国科学引文数据库来源期刊
中国科协精品科技期刊工程项目
CA、CAB、CBST、EBSCO 等收录

ISSN 1000-369X
CN 33-1115/S

茶叶科学

第2期

Journal of Tea Science



ISSN 1000-369X



9 771000 369206

2020 第40卷 第2期
Vo1.40 No.2

中国茶叶学会 中国农业科学院茶叶研究所 主办
PUBLISHED BY CHINA TEA SCIENCE SOCIETY
TEA RESEARCH INSTITUTE, CAAS



目 次

基于 CiteSpace 可视化分析的茶叶香气研究进展
.....银霞, 黄建安, 黄静, 包小村, 周凌云, 李维, 刘红艳, 张曙光, 刘仲华 (143)

白茶提取物对纳米 SiO₂ 诱导的大鼠肺纤维化的抑制作用及机制
.....朴秀美, 金恩惠, 陈兴华, 王千潮, 何普明, 屠幼英 (157)

“金花散茶”及“金花菌粉”对被动吸烟小鼠肺组织 JAK2/STAT3 炎性及磷酸化蛋白表达的影响
.....曾鸿哲, 黄翔翔, 禹利君, 周宇飞, 徐帅, 璩馥榕 (165)

福建省典型茶园土壤硒含量及其影响因素研究
.....余文权, 王峰, 陈玉真, 单睿阳, 尤志明, 臧春荣, 陈常颂 (173)

林地转变为茶园的土壤 pH 及养分变化特征.....林诚, 陈子聪, 吴一群, 颜明娟 (186)

基于计算机视觉的绿茶炒干中在制品理化变化研究
.....伍洵, 刘飞, 陈之威, 王玉婉, 陈琳, 涂政, 周小芬, 杨云飞, 叶阳, 童华荣 (194)

我国典型茶区化学氮肥施用与生产运输过程的温室气体排放量估算
.....王峰, 陈玉真, 吴志丹, 江福英, 张文锦, 翁伯琦, 尤志明 (205)

不同类型水质对龙井茶汤风味品质及主要化学成分的影响.....龚芝萍, 尹军峰, 陈根生 (215)

茉莉花茶特征香气成分研究
.....安会敏, 欧行畅, 熊一帆, 张杨波, 李娟, 李勤, 李骞, 李适, 黄建安 (225)

基于亲水相互作用液相色谱-三重四极杆质谱法研究白茶萎凋过程中代谢物的变化
.....陈翔, 田月月, 张丽霞 (238)

基于 nSSR 和 cpDNA 序列的城步峒茶群体遗传多样性和结构研究
.....刘振, 成杨, 杨培迪, 赵洋, 宁静, 杨阳 (250)

基于色差系统的工夫红茶茶汤亮度的量化评价方法研究
.....王家勤, 姚月凤, 袁海波, 江用文, 李佳 (259)

香茅草挥发物及其主要成分对 3 种茶树病原真菌的抑制性研究
.....杨文, 刘惠芳, 陈瑶, 苏生, 李天兴, 刘垚果, 周玉锋 (269)

以发酵类茶为例的基于可比性的中国茶叶出口竞争力研究
.....管曦, DOAN BA TOAI, 何文丽, 童耀南, 袁婷, 谢向英 (279)

[期刊基本参数] CN33-1115/S*1964*b*16*146*zh*P*¥20.00*2000*14*2020-04

Journal of Tea Science

Vol. 40, No. 4

April, 2020

Contents

- Research Progress of Tea Aroma Based on CiteSpace Visual Analysis
.....YIN Xia, HUANG Jian'an, HUANG Jing, et al (143)
- The Inhibitory Role and Mechanism of White Tea Extracts on Pulmonary Fibrosis Induced by Nano-sized SiO₂ in Rats.....PARK Soomi, KIM Eunhye, CHEN Xinghua, et al (157)
- Effects of “*Eurotium cristatum* Loose Tea” and “*Eurotium cristatum* Powder” on the Expressions of JAK2/STAT3 Inflammation and Phosphorylated Proteins in Lung Tissue of Passive Smoking Mice
.....ZENG Hongzhe, HUANG Xiangxiang, YU Lijun, et al (165)
- Study on Soil Selenium Content and Its Influencing Factors in Typical Tea Garden of Fujian Province
.....YU Wenquan, WANG Feng, CHEN Yuzhen, et al (173)
- Acidification Characteristics and Nutrient Contents in Soils of Tea Plantation and Adjacent Woodland in Subtropical Region.....LIN Cheng, CHEN Zicong, WU Yiqun, et al (186)
- Study on the Changes of Physical and Chemical Components during the Frying Process of Green Tea by Computer Vision.....WU Xun, LIU Fei, CHEN Zhiwei, et al (194)
- Estimation of Greenhouse Gas Emissions from Fertilization, Production and Transportation of Synthetic Nitrogen for Tea Garden in Typical Region of China
.....WANG Feng, CHEN Yuzhen, WU Zhidan, et al (205)
- Effects of Different Types of Water Quality on the Sensory Properties and Main Chemical Compositions of Longjing Tea Infusions.....GONG Zhiping, YIN Junfeng, CHEN Gensheng (215)
- Study on the Characteristic Aroma Components of Jasmine Tea
.....AN Huimin, OU Xingchang, XIONG Yifan, et al (225)
- The Changes of Metabolites during the Withering Process of White Tea Based on HILIC LC-QqQ MS Method.....CHEN Xiang, TIAN Yueyue, ZHANG Lixia (238)
- Genetic Diversity and Structure of Chengbudong Tea Population Revealed by nSSR and cpDNA Markers
.....LIU Zhen, CHENG Yang, YANG Peidi, et al (250)
- A Quantitative Method for Brightness Evaluation of Congou Black Tea Infusions Based on Color Difference Analysis.....WANG Jiaqin, YAO Yuefeng, YUAN Haibo, et al (259)
- Volatile Components from *Cymbopogon citratus* and the Activity Research on Their Main Elements Against Three Fungal Pathogens of Tea.....YANG Wen, LIU Huifang, CHEN Yao, et al (269)
- Comparative Study on the Competitiveness of Chinese Tea Exportation Based on Fermented Tea
.....GUAN Xi, DOAN BA TOAI, HE Wenli, et al (279)