

CURRICULUM VITAE

Personal Information			
Name	Jihua Li	Gender	Male
Position Title	Professor		
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Research Interest			
<p>Particular research interest include: (i) tropical agricultural products processing technology and its industrialization promotion, (ii) comprehensive utilization of tropical agricultural by-products, (iii) the excavation and utilization of characteristic functional components from tropical agricultural. My group has reserached 15 core technologies such as continuous cold processing of tropical fruit powder, developed more than 320 products in 24 categories, and transformed 21 scientific and technological achievements into enterprises. The accumulated technical contract value exceeded 30 million yuan. Served with technology in 27 poor counties or cities and 16 modern agricultural industrial parks of tropical zone in China.</p>			
Education & Working Experience			
1. Education			
<ul style="list-style-type: none">● Ph.D. - Food Science and Engineering, Nanchang University, Sep. 2004 - Jul. 2007● Master - Food Science and Engineering, Nanchang University, Sep. 2002- Jul. 2004● Bachelor - Food Science and Engineering, Nanchang University, Sep.1998 - Jul. 2002			
2. Working Experience			
<ul style="list-style-type: none">● 2015 to Present: Researcher, Agricultural Products Processing Research Institute of Chinese Academy of Tropical Agricultural Sciences● 2010 to 2014: Associate Researcher, Agricultural Products Processing Research Institute of Chinese Academy of Tropical Agricultural Sciences● 2007 to 2009: Assistant Researcher, Agricultural Products Processing Research Institute of Chinese Academy of Tropical Agricultural Sciences			
Representative Result			



Undertaken more than 20 various scientific and technological projects, in recent years, and won 5 provincial and ministerial awards, in particular as the first completer won the first prize of the 2018 Hainan Science and Technology Progress Award. Achieved fruitful results whose 216 papers and 3 monographs were published, 52 patents were authorized. 2 PhD graduate students and 25 master graduate students were trained by him. Being awarded the honorary titles of Guangdong "Special Support Plan" for Science and Technology Innovation Young Top-notch Talents, and Hainan Province "Leading Talents", who made significant contributions to the technological progress of tropical agricultural products processing and the rural revitalization in tropical zone.

1. Articles in Refereed Journals

(1) Wen Xia, Jun Chen, Dong ning He, et al. Changes in physicochemical and structural properties of tapioca starch after high speed jet degradation[J]. Food Hydrocolloids, 2019, 95(10):98-104.

(2) Xiaoyi Wei, Yihong Wang, Jihua Li, et al. Effects of temperature on cellulose hydrogen bonds during dissolution in ionic liquid[J]. Carbohydrate Polymer, 2018, 201, 387-391.

(3) Wen Xia, Dong ning He, Yunfei Fu, et al. Advanced technology for nanostarches preparation by high speed jet and its mechanism analysis[J]. Carbohydrate Polymer, 2017, 176, 127-134.

(4) Jihua Li*, Yihong Wang, Xiaoyi Wei, et al. Homogeneous isolation of nanocelluloses by controlling the shearing force and pressure in microenvironment[J]. Carbohydrate Polymer, Carbohydrate Polymer, 2014, 113, 388–3935.

(5) Xiao Gong, Ningli Qi, Xiaoxi Wang, et al. Ultra-performance convergence chromatography (UPC2) method for the analysis of biogenic amines in fermented foods-main[J]. Food Chemistry, 2014, 162(11):172-178.

2. Books

(1) Qinghuang Wang. Processing Principle and Technology of Tropical Crop Products[M]. Science Press.2012.

(2) Lijing Lin, Jihua Li. Research and Development of Galangal[M]. China Agricultural Science and Technology Press.2016.

(3) Wei Zhou, Yuan yuan. Show You the Processing of Tropical Agricultural Products - Useful and Interesting Science Knowledge[M]. China Agriculture Press.2016.

3. Patents

(1) Jihua li, Suixin Wang, Liangkun Liao, Xiaoyi Wei, Lihong Cui, Ljing Lin. A method

for establishing pyrolysis fingerprints of dalbergia wood and its application[P]. Guangdong: CN106770752B,2019-12-03.

(2) Jihua li, Wei Zhou, Yupo Cao, Ljing Lin, Zheng Peng. A method for preparing essential oil microcapsules[P]. China: CN103861537A, 2014-06-18.

(3) Jihua li, Xiaoyi Wei, Jiacui Chen, Yongfu Tang, Maofang Huang, Tiaokun Fu. A method for preparing nanocellulose by homogeneous process[P]. China: CN102505546A, 2012-06-20.

(4) Jihua li, Yongfu Tang, Jiacui Chen, Weixue Zhao. A method for preparing lutein nano liquid[P]. China: CN102329520A, 2012-01-25.

(5) Jihua li, Yuan yuan. A method for preparing natural taste-changing candies by miracle fruit[P]. China: CN102302076A, 2012-01-04.

4. Standards

(1) Q/GDFX 0001S-2019, Galangal Extract[S].Guangdong: Jihua Li, Liangwu Huang, Xiaobing Huang, et al. 2019.

(2) Q/GDFX 0002S-2019, Galangal Drinks[S].Guangdong: Jihua Li, Liangwu Huang, Xiaobing Huang, et al. 2019.

(3) Q/HNJH 1115-2016, Agilawood Essential Oil[S] Hainan: Jihua Li, Lihong Cui, Suixin Wang, et al. 2016.

(4) Q/HNJH 1029-2016, Dalbergia Wood Essential Oil[S]. Hainan: Jihua Li, Suixin Wang, Lihong Cui, et al. 2016.

(5) Q/TXWH 0001-2016, Huanghuali Wood Essential Oil[S]. Hainan: Jihua Li, Lihong Cui, Suixin Wang, et al. 2016.

5. Projects

(1) Key technologies in characteristic tropical and subtropical fruits processing research and demonstration - fruit powder of characteristic tropical fruits such as miracle fruit continuous cold processing technology research and demonstration (Special Scientific Research Fund of Agriculture Public Welfare Profession)

(2) Development of bagasse nanocellulose-based mask material based on liquid homogeneous texture restructuring technology (“984” project of the Ministry of Agriculture and Rural Affairs)

(3) Construction of Guangdong Provincial Modern Agriculture (Tropical Agricultural Products Processing and Testing) Industrial Technology Research & Development Center (Guangdong Provincial Key Laboratory Construction)

(4) Guangdong Modern Agricultural Industrial Technology System Innovation Team Building Project with Agricultural Products orientated (Construction of Guangdong Provincial Modern Agricultural Technology Innovation Alliance)

(5) Research on molecular imprinting extraction technology of high-purity quebrachitol from natural rubber processing wastewater (Key Science and Technology Program of Hainan Province)

6. Awards

(1) Research & development and application of key technology for tropical rare fruits processing (first prize of Hainan Scientific and Technological Progress Award in 2018, 1st completer)

(2) Innovation and application of key technologies for the immobilization of characteristic tropical plant essential oil (Scientific and Technological Innovation Promotion Achievement Award in Agricultural Products Processing Industry in 2017, 1st completer)

(3) Research and demonstration of key technologies for industrialization of galangal (second prize of Hainan Science and Technology Award in 2014, 3rd completer)

(4) Chitosan and its derivatives green fabrication technology and application (second prize of Hainan Science and Technology Award in 2014, 5th completer)

(5) Promotion and application of key technologies and equipment invention for the industrialization of galangal (third prize of Guangdong Agricultural Technology Promotion Award in 2019, 1st completer)