

CURRICULUM VITAE

Personal Information			
Name	Chen Qing	Gender	Male
Position Title	Professor		
Institute	Environment and Plant Protection Institute, China Academy of Tropical Agricultural Sciences		
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Address	No.4 Xueyuan Road, LongHua District, Haikou city, Hainan		
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Research Interest			
<p>Intelligent monitoring and sustainable management of pests Insect physiology, biochemistry and molecular biology</p>			
Education & Working Experience			
Title	Time	organization	
Research assistant	07.1995 -02.2001	Environment and Plant Protection Institute, China Academy of Tropical Agricultural Sciences	
Research associate	02.2001-07.2008	Environment and Plant Protection Institute, China Academy of Tropical Agricultural Sciences	
Associate professor	07.2008-01.2014	Environment and Plant Protection Institute, China Academy of Tropical Agricultural Sciences	
Deputy director	04.2010-08.2011	Planning and Infrastructure Division, China Academy of Tropical Agricultural Sciences	
Director of Science and Technology Division	08.2011-08.2015	Rubber research Institute, China Academy of Tropical Agricultural Sciences	
Professor (Forth class)	01.2014-12.2016	Environment and Plant Protection Institute, China Academy of Tropical Agricultural Sciences	
Professor (Third class)	01.2017 to now	Environment and Plant Protection Institute, China Academy of Tropical Agricultural Sciences (Elected as Political Consultative Conference member of Hainan Province since 11.2017)	



Representative Result

Five representative papers (As first or corresponding author):

1. Density threshold-based acaricide application for the two-spotted spider mite *Tetranychusurticae* on cassava: from laboratory to the field. *Pest Management Science*, 2019, doi:10.1002/ps.5366
2. Overproduction of superoxide dismutase and catalase confers cassava resistance to *Tetranychuscinnabarinus*, *Scientific Reports*, 2017, 7, 40179; doi: 10.1038/srep40179
3. Trait inheritance in pepper (*Capsicum* spp.) cultivars identified as resistant to green peach aphid (*Myzuspersicae*), *Plant Breeding*, 2020, 01: 1-7
4. Effects of resistant and susceptible rubber germplasms on development, reproduction and protective enzyme activities of *Eotetranychussexmaculatus* (Acari: Tetranychidae), *Experimental and Applied Acarology*, 2016, 69:427-443
5. Reference gene validation in *Eotetranychussexmaculatus* (Acari: Tetranychidae) feeding on mite-susceptible and mite-resistant rubber tree germplasms. 2020, doi: 10.1007/s10493-020-00542-x-APPA-D-20-00037R1

Five representative books (As Chief editor):

1. Insect pest Atlas of five islands in Yongle Islands, China Agricultural Science and Technology Press, 2020
2. Manual for scientific application of commonly used green insecticides, China Agricultural Science and Technology Press, 2019
3. Research and application of whole course green control of important pests of off-season pepper and watermelon in Hainan Province, China Agricultural Science and Technology Press, 2017
4. Study on sustainable development strategy of modern agricultural industry in China: Cassava, China Agricultural Press, 2016
5. General survey of invasive pests and its safety monitoring technical scheme, China Agricultural Press, 2011

Five representative patents (As leading person):

1. Chinese patent: A method of trapping coleoptera pests in field. Patent No. ZL201210556721.1
2. Chinese patent: A feeding device for experimental population of cassava green mite. Patent No. 201720537975.7
3. Chinese patent: A trap device for underground pests of cassava. Patent No. 201220144259.X
4. Chinese patent: A trap device for controlling bark beetles in tropical areas. Patent No.201620452040.4
5. Chinese patent: A field trap device for coleoptera pests. Patent No. ZL201220707838.0

Representative technical regulation (As first author):

Technical regulations for the identification of cassava-germplasm resistance to pests. China Agriculture Standard, NY/T. 2445–2013 (2013)

Five representative research projects (As Principal Investigator):

1. The modern agricultural industry technology system: cassava insect pest management special fund, financial support: RMB 7,000,000 Yuan, from 2011 to 2020
2. National financial project “Nanfeng project, Phase II”: Investigation and assessment of typical island pests in South China Sea, financial support: RMB 2,200,000 Yuan, from 2018 to 2020
3. Sub project of National Key Research and Development Project: Integrated research on control technology of cassava pests by reducing pesticide application and increasing application efficiency, financial support: RMB 400,000 Yuan, from 2018 to 2020
4. National sparking plan project: Demonstration of integrated control technology for underground pests of off season solanaceous fruits vegetables in Hainan province, financial support: RMB 600,000 Yuan, from 2015 to 2016
5. Special Fund for Agro-Scientific Research in the Public Interest: Research and demonstration of new technology for prevention and control of dangerous pests of fruits and vegetables from Taiwan, financial support: RMB 2,140,000 Yuan, from 2009 to 2013

Five representative science and technology awards (As Principal Investigator):

1. First prize of Hainan Science and Technology Transformation Award (2017): Integration and demonstration of green control technology for important pests of off-season pepper and watermelon in Hainan province, Certificate No. 2017-Z-1-R-009
2. Second prize of China Agricultural Science and Technology Award (2015): Research and demonstration on green integrated control technology of several important pests in tropical melons and vegetables, Certificate No. KJ2015-R2-034-01
3. Second prize of Hainan Science and Technology Award (2012): Research and demonstration on key technologies of green control of underground pests in cassava, melons and vegetables, Certificate No. 2012-J-2-R-259
4. Third prize of Hainan Science and Technology Award (2011): Development, utilization and demonstration of aphid resistant pepper cultivars, Certificate No. 2011-J-3-R-408
5. Third prize of Hainan Science and Technology Award (2011): Study on abamectin resistance of *Helicoverpa armigera* and demonstration of its control technology, Certificate No. 2011-J-3-R-392