

方荣祥著作、论文、专利及获奖目录

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论文：

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120. Fang Wang†, Lijuan Lian†, Yunfeng Liu, Yuman Zhang, Rongxiang Fang* & Qinglin Liu*
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SCIENCE CHINA Life Sciences doi: 10.1007/s11427-016-0082-1
121. Xiaoguang Song#, Hongyan Guo#, Ge Zhang, Yao Wu, Guiling Wang, Xiaoying Chen*, Rongxiang Fang*
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PLoS Pathogens 14: e1006909, 2018

125. Jinhong Kan#, Lin An #, Yao Wu, Jia Long, Liyang Song, Rongxiang Fang*, Yantao Jia*

A dual role for proline iminopeptidase in regulating bacterial motility and host immunity

Molecular Plant Pathology doi.org/10.1111/mpp.12677 2018

专 利：

1. 国际专利

R.X. Fang, J.L. Wu, X.Y. Chen.

Enhanced protein production in higher plants by N-terminal fusion of a ubiquitin or a cucumber mosaic virus coat protein peptide.

International Application Number: PCT/SG98/00103, 11 December 1998.

International Publication Number: WO 00/36129, 22 June 2000.

2. 国内专利

方荣祥 王新国 张国华 肖成祖 刘传暄

转基因胡萝卜生产的霍乱疫苗及其方法

申请号：99119505.1 申请日期：1999.9.1

公开号：CN1286120A 公开日期：2001.3.7

3. 国内专利

方荣祥 王建龙 黄 勋 徐卫辉 刘宗旨

一种植物维管束特异表达的 Angrp1 基因启动子及其应用

申请号：01118526.0 申请日期：2001.5.30

公开号：CN1388246A 公开日期：2003.1.1

授权号：ZL01118526.0 授权公告日：2003.12.17

授权公告号：CN1131311C 主分类号：

4. 国内专利

方荣祥 贾洪革 陈晓英

一种用于去除转基因植物中选择标记基因的方法

申请号：200410049705.9 申请日期：2004.6.24

公开号：CN1712530 公开日期：2005.12.28

授权号：ZL200410049705.9 授权公告日：2007.5.2

授权公告号：CN1313610C 主分类号：C12N15/11

5. 国内专利

郝小江, 方荣祥, 李艳梅, 陈晓英, 李顺林, 何红平

抗病毒药物及其制备方法和应用

申请号：200510010936.3 申请日期：2005年7月26日.

公开号：CN1903192 公开日期：2007年1月31日

授权号：ZL200510010936.3 授权公告日：2009年3月18日

授权公告号：CN 100469364C 主分类号：A61K31/365(2006.01)I

6. 国内专利

陈晓英, 于翠梅, 方荣祥

一种胡萝卜液泡转化酶II基因启动子及其应用

申请号：200610065167.1 申请日期：2006.03.23

公开号：CN1831129 公开日期：2006.09.13

授权号：ZL200610065167.1 授权公告日：2008.05.07

授权公告号：CN100386436C 主分类号：C12N15/29(2006.01)I

7. 国内专利

方荣祥, 陈晓英, 郭红艳

一种利用RNA干扰技术培育抗虫性提高的转基因植物的方法及其专用DNA片段

申请号：201010034319.8 申请日期：2010.01.15

公开号: CN101851622A 公开日期: 2010.10.06
授权号: ZL201010034319.8 授权公告日: 2012.10.10
授权公告号: CN101851622B 主分类号: C12N15/113(2010.01)I

8. **国内专利**

方荣祥、张玉满、陈晓英、刘青林

ChNRRa 蛋白或其编码基因在调节植物开花时间中的应用

申请号: 201210137795.1 申请日期: 2012.05.04

公开号: CN103382485A 公开日期: 2013.11.06

授权号: ZL201210137795.1 授权公告日: 2015.10.28

9. **国内专利**

方荣祥、张玉满、陈晓英

OsNRRa 蛋白或其编码基因在调节植物开花时间中的应用

申请号: 201210137820.6 申请日期: 2012.05.04

公开号: CN103382483A 公开日期: 2013.11.06

授权号: ZL201210137820.6 授权公告日: 2015.11.06

10. **国内专利**

方荣祥、贾燕涛、陈晓英

培育抗病水稻的方法及其专用载体和启动子

申请号: 201210004213.2 申请日期: 2012.01.09

公开号: CN103194484A 公开日期: 2013.07.10

授权号: ZL201210004213.2 授权公告日: 2015.05.27

11. 方荣祥, 陈晓英, 张玉满

种子盾片及叶细脉特异启动子 PC2 及其应用

申请号: 201310712090.2 申请日期: 2013.12.20

公开号: CN104726452A 公开日期: 2015.06.24

授权号: ZL201310712090 授权公告日: 2017.07.07

12. 方荣祥, 陈晓英, 张玉满

淀粉胚乳特异非表达启动子 NSE 及其应用

申请号: 201310712099.3 申请日期: 2013.12.20

公开号: CN104726453A 公开日期: 2015.06.24

授权号: ZL201310712099.3 授权公告日: 2017.06.20

13. 方荣祥, 贾燕涛, 郭萍

水稻抗病负调控基因 RIR1 及其应用

申请号: 201410020232.3 申请日期: 2014.01.16

公开号: CN104788549A 公开日期: 2015.07.22

授权号: ZL201410020232.3 授权公告日: 2018.02.23

14. 方荣祥, 陈晓英, 张玉满

OsGLP2-1 蛋白及其编码基因在调控种子休眠中的应用

申请号: 201710144114.7 申请日期: 2017.03.10

获奖情况

序号	获奖项目	获奖名称	获奖时间
1	花椰菜花叶病毒基因组	中科院科技进步二等奖	1987年
2	猪口蹄疫基因工程疫苗的研制	中科院科技进步二等奖	1987年
3	抗烟草花叶病毒的转基因烟草的培育	中科院科技进步二等奖	1990年
4	转苏云金杆菌杀虫蛋白基因的烟草及其抗虫性研究	中科院科技进步一等奖	1991年
5	利用基因工程培育的抗TMV和CMV的双抗烟草及大田试验	中科院科技进步一等奖	1993年
6	转基因抗花叶病NC 89烟草纯合系的选育和应用	河南省科技进步二等奖	1993年
7		何梁何利“科学与技术进步奖”	2005年
8		所长奖教金特别	2006年
9		所长奖教金优秀奖	2012年
10		中国科学院微生物研究所伊品奖教金	2013年
11		中国植物病理学会终身成就奖	2016年

国际会议大会报告 (* 报告人)

- ★ 1. R. Zhou, Z. Zhang, Q. Wu, R. Fang*, K. Mang, Y. Tian and G. Wang.
Large-scale performance of transgenic tobacco plants resistant to both tobacco mosaic virus and cucumber mosaic virus. (**Invited speaker**)
3rd International Symposium on the Biosafety Results of Field Tests of Genetically Modified Plants and Microorganisms
November 13-16, 1994. Monterey, California, USA.
- 2. Rong-Xiang Fang*
Development and Application of Virus-Resistant Transgenic Plants (**Plenary Lecture**)
5th Pacific Rim Biotechnology Conference and BioExpo '96
November 12-15, 1996. Seoul, Korea.