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1. 个人简介：

1995-1999 南京农业大学　　学士学位
1999-2002 南京农业大学　　硕士学位
2002-2006 中国科学院植物研究所　博士学位
2006-2007 新加坡国立大学　　博士后
2007-2010 美国得州理工大学　　博士后
2011.3-　南京农业大学园艺学院　教授，博士生导师

2. 研究方向与承担项目：

研究领域为观赏植物遗传育种与分子生物学，主要从事菊花新基因挖掘、分离与功能鉴定，生物技术育种等研究工作。先后主持国家自然科学基金 4 项(No.31171987、31372100、31572159、31872146) 、教育部新世纪优秀人才支持计划（NCET-12-0890）、江苏省自然科学基金面上项目（BK2012773）和南京农业大学高层次人才引进项目等。

3. 学术兼职：

担任 Plant Molecular Biology、Molecular Breeding、Plant Cell Report 等 SCI 杂志审稿人。中国园艺学会青年分会常务理事及副秘书长，中国菊花研究会、江苏省园艺学会等会员。

4. 荣誉称号：

先后入选“教育部新世纪优秀人才” 、江苏省“青蓝工程”中青年学术带头人、江苏省“双创计划”人才和江苏省“333 高层次人才培养工程”培养对象，荣获“大北农青年学者奖”。

5. 科研成果：

在 Plant Cell、PloS Genetics、Plant Journal、Plant, Cell and Environment、BMC Plant Biology、BMC Biology、BMC Genomics、Plant Science 和 Plant Cell Report 等国际知名刊物发表 SCI 论文 30 余篇。获授权国家发明专利 6 项，2 个菊花品种通过江苏省农作物新品种鉴定（第 1 完成人），参与获得省部级奖项 5 项。

部分发表文章（*通讯作者）：

1) Yanan Liu, Hong Chen, Qi Ping, Zixin Zhang, Zhiyong Guan, Weimin Fang, Sumei Chen, Fadi Chen, **Jiafu Jiang***, Fei Zhang*. The heterologous expression of CmBBX22 delays leaf senescence and improves drought tolerance in Arabidopsis. **Plant Cell Reports** https://doi.org/10.1007/s00299-018-2345-y(*Co-corresponding author)

2) Jing Sun, Peipei Cao, Lijun Wang, Sumei Chen, Fadi Chen, **Jiafu Jiang***.The loss of a single residue from CmFTL3 leads to the failure of florigen to flower. **Plant Science** 276 (2018) 99-104

3) Qi Yuyin, Liu Yanan, Zhang Zixin, Gao Jiaojiao, Guan Zhiyong, Fang Weimin, Chen Sumei, Chen Fadi, **Jiang Jiafu***. The over-expression of a chrysanthemum gene encoding an RNA polymerase II CTD phosphatase-like 1 enzyme enhances tolerance to heat stress. **Horticulture Research**（2018）5:37.

4) Peilei Cheng, Bin Dong, Heng Wang, Peipei Cao, Tao Liu, Yanan Liu, Jiaojiao Gao, Yuan Liao, Weimin Fang, Sumei Chen, Fadi Chen, **Jiafu Jiang***. A Transcriptomic Analysis Targeting Genes Involved in the Floral Transition of Winter-Flowering Chrysanthemum. J **Plant Growth Regul**. (2018) 37:220-232

5) Peilei Cheng, Jiaojiao Gao, Yitong Feng, Zixin Zhang, Yanan Liu, Weimin Fang, Sumei Chen, Fadi Chen, **Jiafu Jiang***. The chrysanthemum leaf and root transcript profiling in response to salinity stress. **Gene**. (2018) 674:161-169

6) Jing Sun, Heng Wang, Liping Ren, Sumei Chen, Fadi Chen and **Jiafu Jiang***. CmFTL2 is involved in the photoperiod- and sucrose-mediated control of flowering time in chrysanthemum. **Horticulture Research** (2017) 4, 17001

7) Dong B, Wang H, Liu T, Cheng P, Chen Y, Chen S, Guan Z, Fang W, **Jiafu Jiang***, Chen F*. Whole genome duplication enhances the photosynthetic capacity of Chrysanthemum nankingense. **Mol Genet Genomics**. 2017 Dec; 292(6):1247-1256. (*Co-corresponding author)

8) Dong B, Deng Y, Wang H, Gao R, Stephen GK, Chen S, **Jiafu Jiang***, Chen F*. Gibberellic Acid Signaling Is Required to Induce Flowering of Chrysanthemums Grown under Both Short and Long Days. **Int J Mol Sci.** 2017 Jun 12;18(6): E1259(*Co-corresponding author)

9) Mao Yachao, Sun Jing, Cao Peipei , Zhang Rong , Fu Qike, Chen Sumei, Chen Fadi, **Jiang Jiafu***. Functional analysis of alternative splicing of the FLOWERING LOCUS T orthologous gene in Chrysanthemum morifolium. **Horticulture Research**. 2016, 3: 16058.

10) Liping Ren, Tao Liu, Yue Cheng, Jing Sun, Jiaojiao Gao, Bin Dong, Sumei Chen, Fadi Chen and **Jiafu Jiang***. Transcriptomic analysis of differentially expressed genes in the floral transition of the summer flowering chrysanthemum. **BMC Genomics** (2016) 17:673 (**IF, 4.40**)

11) Jiaojiao Gao, Jing Sun, Peipei Cao, Liping Ren, Chen Liu, Sumei Chen, Fadi Chen, and **Jiang Jiafu***. Variation in tissue Na^+ content and the activity of SOS1 genes among two species and two related genera of Chrysanthemum. **BMC Plant Biol**. 2016; 16: 98 **(IF, 3.94)**

12) Bin Dong, Haibin Wang, Aiping Song, Tao Liu, Yun Chen, Weimin Fang, Sumei Chen, Fadi Chen, Zhiyong Guan* and **Jiafu Jiang***. miRNAs Are Involved in Determining the Improved Vigor of Autotetrapoid Chrysanthemum nankingense. **Frontiers in Plant Science**, 2016, 7: 1412. (*Co-corresponding author; IF, 3.948)

13) WangHaibin, Qi Xiangy, Chen Sumei, Fang Weimin, Guan Zhiyong, Teng Nianjun, Liao Yuan, **Jiang Jiafu***& Chen Fadi*. Limited DNA methylation variation and the transcription of MET1 and DDM1 in the genus Chrysanthemum (Asteraceae): following the track of polyploidy. **Frontiers in Plant Science**, 2015, 6: 668. (*Co-corresponding author; IF, 3.948)

14) Ren Liping, Sun Jing, Chen Sumei, Gao Jiaojiao, Dong Bin, Liu Yanan, Xia Xiaolong, Wang Yinjie, Liao Yuan, Teng Nianjun, Fang Weimin, Guan Zhiyong, Chen Fadi*, **Jiang Jiafu***. A transcriptomic analysis of *Chrysanthemum nankingense* provides insights into the basis of low temperature tolerance. ***BMC Genomics***, 15:844, **2014** (*Co-corresponding author; IF, 4.40)

15) Sun Jing, Ren Liping, Cheng Yue, Gao Jiaojiao, Dong Bin, Chen Sumei, Chen Fadi*, **Jiang Jiafu***. Identification of differentially expressed genes in *Chrysanthemum nankingense* (Asteraceae) under heat stress by RNA Seq. ***Gene***, 552: 59-66, **2014** (*Co-corresponding author; IF, 2.08)

16) Zhao Min, Song Aiping, Li Peiling, Chen Sumei, **Jiang Jiafu***, Fadi Chen*. A bHLH transcription factor regulates iron intake under Fe deficiency in chrysanthemum. ***Scientific Reports***, 4, 6694, **2014** (*Co-corresponding author; IF, 5.08)

17) Huiyun Li, Sumei Chen, Aiping Song, Haibin Wang, Weimin Fang, Zhiyong Guan, **Jiafu Jiang***, Fadi Chen**. RNA-Seq derived identification of differential transcription in the chrysanthemum leaf following inoculation with Alternaria tenuissima. ***BMC Genomics.*** 15:9, **2014** (*Co-corresponding author; IF, 4.40).

18) Wang Haibin, **Jiang Jiafu***, Chen Sumei, Fang Weimin, Guan Zhiyong, Liao Yuan, Chen Fadi*. Rapid genomic and transcriptomic alterations induced by wide hybridization: Chrysanthemum nankingense x Tanacetum vulgare and C. crassum x Crossostephium chinense (Asteraceae). ***BMC Genomics***. 14: 902, **2013** (*Co-corresponding author; IF, 4.40).

19) Liu Peng, Chen Sumei, Song Aiping, Zhao Shuang, Fang Weimin, Guan Zhiyong, Liao Yuan, **Jiang Jiafu***, Fadi Chen*. A putative high affinity phosphate transporter,CmPT1, enhances tolerance to Pi deficiencyof chrysanthemum. ***BMC Plant Biology***. 14:18, **2014** (*Co-corresponding author; IF, 3.94)

20) **Jiafu Jiang**, Bangshing Wang, Yun Shen, Hui Wang, Qing Feng, Huazhong Shi. The Arabidopsis RNA binding protein with K homology motifs, SHINY1, interacts with the C-terminal domain phosphatase-like 1 (CPL1) to repress stress-inducible gene expression. ***PLoS Genetics***. 9(7): e1003625, **2013** (IF, 9.44).

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22) Li J[§], **Jiang JF**[§], Qian Q[§], Xu Y, Zhang C, Xiao J, Du C, Luo W, Zou G, Chen M, Huang Y, Feng Y, Cheng Z, Yuan M, Chong K. Mutation of rice BC12/GDD1, which encodes a

Kinesin-like protein that binds to a GA biosynthesis gene promoter, leads to dwarfism with impaired cell elongation. ***The Plant Cell.*** 23: 628–640, **2011** (§Co-first author; IF, 9.396).

23) Baek Daek§, **Jiang Jiafu**§, Chung Jung-Sung§, Wang Bangshing, Chen Junping, Xin Zhanguo, Shi Huazhong. *AtHKT1* Gene expression regulated by a distal enhancer element and DNA methylation in promoter plays an important role in salt tolerance. ***Plant Cell and Physiology***. 52(1): 149~61. **2011**(§Co-first author co-first author)
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28) **Jiang JF**, Han Y, Xing L, Xu Y, Xu Z, Chong K. Cloning and expression of a novel cDNA encoding a mannose-specific jacalin-related lectin from *Oryza sativa*. ***Toxicon***. 47(1): 133~139，**2006**. (IF, 2.128).
29) Xu M§, **Jiang JF**§, Ge L, Xu Y, Chen H, Zhao Y, Bi Y, Wen J, Chong K. *FPF1* transgene leads to altered flowering time and root development in rice. ***Plant Cell Reports***. 24: 79~85，**2005**.(§Co-first author).