

1

210095

+86-25-84395917 (Tel

hxl@njau.edu.cn (E-Mail

1982

1986-1987

1998

2008.05

-2008.06

2010.03-2010.05

33

1982-1998

/

1999

/

1992.11-1996.08

1996.09-2000.09

2000.10-2001.02

2001.03-2013.11

2013.12-

1998.12-2001.01

2011.03-2012.05

2005-2013

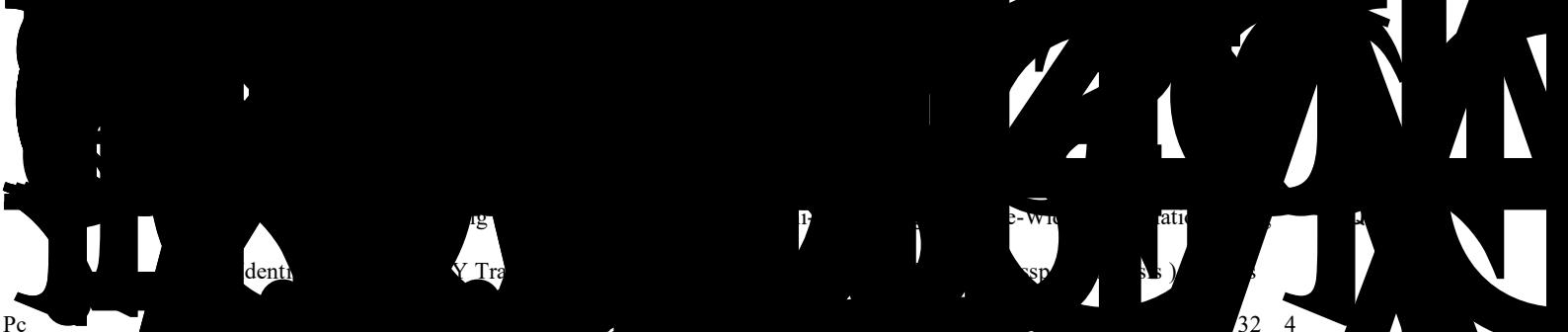
2006  
2005  
2005 1  
2014  
1 2015  
( ) 1 2007  
1 2013  
1 1991 2005  
2007 2007  
2007  
2014.01  
(31330067)  
2018.12 288.0 BE2013429  
2013.06 2016.12 100.0 CARS-25-A-12  
[2008] 10 2008.01 2020.12 910.0  
2014.01 2017.12 2000.0  
2014 37 2014.05.06  
  
2 ISBN 7-81050-332-4/S 2 1998.06  
ISBN 7-5345-4435-5 2004.10  
( ) ISBN 7-5345-4417-3 2004.12  
ISBN 7-04-018644-6 2006.02 2 ISBN 7-04-019134-2  
2006.05 ( ) ISBN 978-7-5618-5012-1  
2014.06

- 1 Fangling Jiang, Feng Wang, Zhen Wu, Ying Li ,Gongjun Shi, Jingding Hu , . Components of the Arabidopsis CBF Cold-Response Pathway Are Conserved in Non-heading Chinese Cabbage. Plant Mol Biol Rep, 2011, 29:525~532 DOI 10.1007/s11105-010-0256-3
- 2 Tongkun Liu, , Jingyi Zhang , Yuping Song ,Shuning Zhang, Ying Li\*.A cDNA Clone of BcHSP81-4 from the Sterility Line (Pol CMS) of Non-heading Chinese Cabbage (*Brassica campestris* ssp. *chinensis*). Plant Mol Biol Rep,2011, 29:723-732 DOI 10.1007/s11105-010-0285-y
- 3 Chao Chen, , Hongxin Zhang,Guilan Wang, Limin Tian. Induction of *Anthurium andraeanum* “Arizona” tetraploid by colchicine in vitro. Euphytica, 2011, 181:137~145 DOI 10.1007/s10681-010-0344-3
4. Jinyan Wang, , and Xuedong Yang. Identification of conserved microRNAs and their targets in Chinese cabbage (*Brassica rapa* subsp. *pekinensis*). Genome, 2011, 54: 1029~1040
- 5.ZHANG Jun-ping, , YU Tian LI Ying and DONG Hai-yan. Response Surface Optimization of *Nigella glandulifera* Freyn Seed Oil Yield by Supercritical Carbon Dioxide Extraction.Journal of Integrative Agriculture 2012,11 1 151~158
6. Hai-Tao Peng, Li Wang, Ying Li, Yan-Xiao Li, Wei Guan, Yang Yang, Xiao-Hai Xu, . Differential gene expression in incompatible interaction between turnip mosaic virus and non-heading Chinese cabbage. Eur J Plant Pathol 2012,132:393~406 DOI 10.1007/s10658-011-9885-0
7. Dong Xiao, Ning-Wen Zhang, Jian-Jun Zhao, Guusje Bonnema and .Validation of reference genes for real-time quantitative PCR normalisation in non-heading Chinese cabbage. Functional Plant Biology, 2012, 39, 342–350 <http://dx.doi.org/10.1071/FP11246>
8. Feng Wang Jun Tang Zhen Wang Shuming Wang Fangling Jiang Ying Li. A novel cold-inducible gene from Pak-choi (*Brassica campestris* ssp. *chinensis*), BcWRKY46, enhances the cold, salt and dehydration stress tolerance in transgenic tobacco. Mol Biol Rep, 2012,39 4553~4564, DOI 10.1007/s11033-011-1245-9
9. Xuedong Yang Feifei Sun Aisheng Xiong Feng Wang Min Kong Qian Wang Jinyan Wang Wei Dai Xiudong Xia .BcNRT1,a plasma membrane-localized nitrate transporter from non-heading Chinese cabbage. Mol Biol Rep,2012,39:7997-8006, DOI 10.1007/s11033-012-1646-4
- 10.Tongkun Liu Ying Li Changwei Zhang Yu Qian Zhen Wang . Overexpression of FLOWERING LOCUS C, Isolated from Non-Heading Chinese Cabbage (*Brassica campestris* ssp. *chinensis* Makino), Influences Fertility in Arabidopsis. Plant Mol Biol Rep,2012,30:1444-1449 DOI 10.1007/s11105-012-0469-8

11. Jingyi Zhang, Changwei Zhang, Yan Cheng, Li Qi, Shumin Wang and . Microtubule and male sterility in a gene-cytoplasmic male sterile line of non-heading Chinese cabbage. *J Sci Food Agric* 2012, 92: 3046–3054
12. Jinyan Wang, Xuedong Yang, Haibin Xu, Xiaoyuan Chi, Min Zhang, . Identification and characterization of microRNAs and their target genes in *Brassica oleracea*. *Gene*, 2012, 505:300~308
13. Liu TK (Liu, Tongkun); Li Y (Li, Ying); Ren J (Ren, Jun); Qian Y (Qian, Yu); Yang XD (Yang, Xuedong); Duan WK (Duan, Weike); . Nitrate or NaCl regulates floral induction in *Arabidopsis thaliana*. *BIOLOGIA*, 2013, 68(2): 215-222, DOI: 10.2478/s11756-013-0004-x
14. J. Y. WANG, X. M. SONG, Y. LI and . In-silico detection of EST-SSR markers in three *Brassica* species and transferability in *B. rapa*. *Journal of Horticultural Science & Biotechnology*, 2013, 88 (2):135–140
15. Haitao Peng, Shuyan Li, Li Wang, Ying Li, Yanxiao Li, Changwei Zhang, . Turnip mosaic virus induces expression of the LRR II subfamily genes and regulates the salicylic acid signaling pathway in non-heading Chinese cabbage. *Physiological and Molecular Plant Pathology*, 2013, 82:64-72
16. T. LIU, Y. LI, J. REN, C. ZHANG, M. KONG, X. SONG, J. ZHOU, and . Over-expression of BcFLC1 from non-heading Chinese cabbage enhances cold tolerance in *Arabidopsis*. *BIOLOGIA PLANTARUM*, 2013, 57(2): 262-266
17. T. Liu, C. Zhang, L. Qi, F. Sun and . Cloning and Expression Analysis of a CMS Related Gene BcCoi1 from *Brassica campestris* ssp. *chinensis*. *Russian Journal of Plant Physiology*, 2013, 60 (1):124–130
18. Taiyun Wei, Changwei Zhang, , He'le`ne Sanfac, Aiming Wang\*. The SNARE Protein Syp71 Is Essential for Turnip Mosaic Virus Infection by Mediating Fusion of Virus-Induced Vesicles with Chloroplasts. PLOS Pathogens| www.plospathogens.org, May 2013|Volume 9|Issue 5|e1003378
19. Xiaoming Song, Ying Li and . Genome-wide analysis of the AP2/ERF transcription factor superfamily in Chinese cabbage (*Brassica rapa* ssp. *pekinensis*). *BMC Genomics*, 2013, 14:573, doi:10.1186/1471-2164-14-573
20. Dong Xiao, Jian J. Zhao , Ram K. Basnet, Dunia P.D. Carpio, Ning W. Zhang, Johan Bucher, Ke Lin, Feng Cheng, Xiao W. Wang and Guusje Bonnema\*. The *Brassica rapa* FLC homologue FLC2 is a key regulator of flowering time, identified through transcriptional co-expression networks. *Journal of Experimental Botany*, 2013, 64 (14): 4503-4516

21. Ge TT, Wang L, Zhang AF, Liu TK, Wang JJ, , Li Y\*. S haplotype identification by PCR-RFLP in doubled haploid lines and implications in the hybrid breeding of non-heading Chinese cabbage (*Brassica campestris* L. ssp. *chinensis* Makino). Indian J Genet Plant Breeding, 2013, 73(4):400-404
22. Ren J, Chen ZW, Duan WK, Song XM, Zhou J, Liu TK, Wang JJ, , Li Y\*. Comparison of ascorbic acid biosynthesis in different tissues of three non-heading Chinese cabbage cultivars. Plant Physiol Bioch, 2013, 73:229-236
23. Ren J, Gao H, Zhou J, Liu TK, , Li Y\*. Molecular cloning and expression pattern analysis of ascorbate oxidase in non-heading Chinese cabbage (*Brassica campestris* ssp. *chinensis*). Russ J Plant Physl 2013, 60 6 756-763
24. Wang L, Ge TT, Peng HT, Wang C, Liu TK, , Li Y\*. Cloning and expression analysis of EXO70A1 gene in Non-heading Chinese cabbage (*Brassica campestris* ssp. *chinensis* Makino) J Integr Agri, 2013, 10.1016/S2095-3119(13)60580-8
25. Wang L, Peng HT, Ge TT, Liu TK, , Li Y\*. Identification of differentially accumulating pistil proteins associated with self incompatibility of non-heading Chinese cabbage. Plant Biology, 2013, doi:10.1111/plb.12016
26. Wang XH, Song YP, Ren J, Liu TK, , Li Y\* Response of biomass and photosynthesis in non-heading chinese cabbage to excess copper. J Anim Plant Sci, 2013, 23(6):1659-1665
27. Jun Tang, Feng Wang, Zhen Wang, Zhinan Huang, Aisheng Xiong and . Characterization and co-expression analysis of WRKY orthologs involved in responses to multiple abiotic stresses in Pak-choi (*Brassica campestris* ssp. *chinensis*). BMC Plant Biology, 2013, 13:188
28. Dong Xiao, Huange Wang, Ram Kumar Basnet, Jianjun Zhao, Ke Lin,

31. Xiao-Ming Song, Tongkun Liu, Wei-Ke Duan, Qing-Hua Ma, Jun Ren, Zhen Wang, Ying Li, .  
Genome-wide analysis of the GRAS gene family in Chinese cabbage (*Brassica rapa* ssp. *pekinensis*). *Genomics*,  
2014, 103:135–146
32. Jing Zhuang, Jian Zhang, , Feng Wang, Ai-Sheng Xiong\*. Transcriptomic, Proteomic,  
Metabolomic and Functional Genomic Approaches for the Study of Abiotic Stress in Vegetable Crops. *Critical  
Reviews in Plant Sciences*, 2014, 33:225–237
33. J. S. ZHENG, S. N. ZHANG, C. Z. SUN and . Karyotype analysis of autotetraploidy in *Brassica  
rapa* ssp. *chinensis*. *Journal of Horticultural Science & Biotechnology*, 2014, 89(1): 23–28
34. H.-T. PENG, Y.-X. LI, C.-W. ZHANG, Y. LI, and . Chloroplast elongation factor BcEF-Tu  
responds to turnip mosaic virus infection and heat stress in non-heading Chinese cabbage. *BIOLOGIA  
PLANTARUM*, 2014, 58 (3): 561-566
35. Weike Duan, Xiaoming Song, Tongkun Liu, Zhinan Huang, Jun Ren, , Ying Li\*. Genome wide  
analysis of the MADS box gene family in *Brassica rapa* (Chinese cabbage). *Mol Genet Genomics*, DOI  
10.1007/s00438-014-0912-7
36. Ying Li, Tongkun Liu, Weike Duan, Xiaoming Song, Gongjun Shi, Jingyi Zhang, Xiaohui Deng, Shuning  
Zhang, . Instability in mitochondrial membranes in Polima cytoplasmic male sterility of *Brassica rapa*  
ssp. *chinensis*. *Funct Integr Genomics*, 2014, 14:441–451
37. Xiaoming Song , Ying Li , Tongkun Liu, Weike Duan, Zhinan Huang, Li Wang, Huawei Tan and .  
Genes associated with agronomic traits in non-heading Chinese cabbage identified by expression profiling. *BMC  
Plant Biology*, 2014, 14:71
38. Wang, Xuehua; Zhang, Shuo; Hu, Die; Zhao, Xiaojun; Li, Yan; Liu, Tongkun; Wang, Jianjun; ; Li,  
Ying\*. BcPMI2, isolated from non-heading Chinese cabbage encoding phosphomannose isomerase, improves  
stress tolerance in transgenic tobacco. *Molecular Biology Reports*, 2014, 41 (4)
39. Hongbing Song, Xiaoming Song , Huanhuan Liu,Tongkun Liu, Ying Li , . cDNA Clones and  
Expression Analysis of cpHSC70 and mtHSC70 in Non-Heading Chinese Cabbage. *Plant Mol Biol Rep*, 2014,  
32:531–540
40. Xiao-Ming Song, Zhi-Nan Huang, Wei-Ke Duan, Jun Ren, Tong-Kun Liu, Ying Li,  
Genome-wide analysis of the bHLH transcription factor family in Chinese cabbage (*Brassica rapa* ssp. *pekinensis*).  
*Mol Genet Genomics*, 2014, 289:77–91



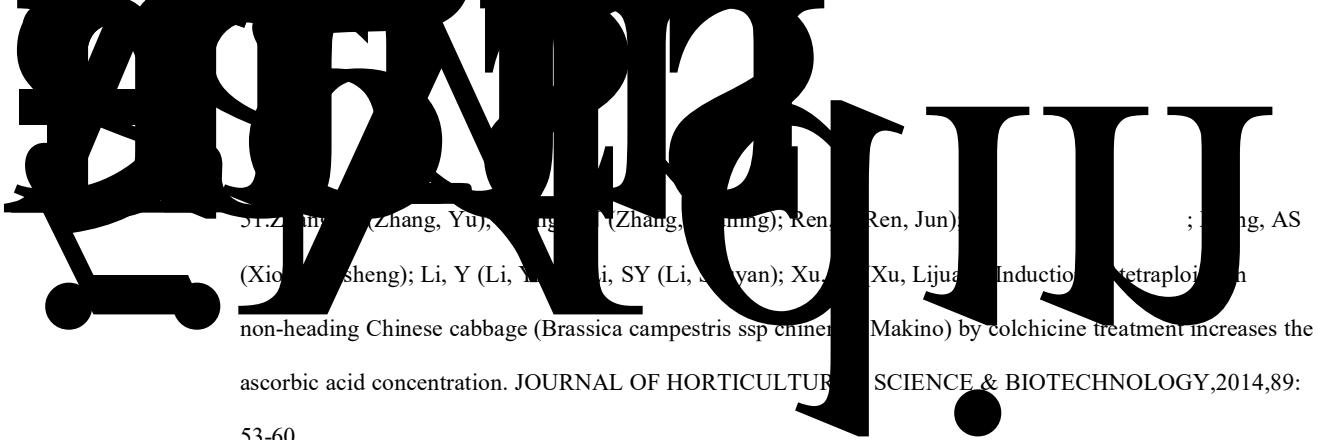
781-795

42. Tongkun Liu, Wei Dai, Feifei Sun, Xuedong Yang, Aisheng Xionghw +X . Cloning and characterization of the ~~Chinese~~ ~~non-heading~~ Chinese cabbage. *Acta Physiol Plant*, 2014, 36:815–823

43. Wang L, Wang C, Ge TT, Wang JJ, Liu TK, , Li Y\* Expression analysis of self-incompatibility-associated genes in non-heading Chinese cabbage. *Genetics and Molecular Research*, 2014, 13(3):5025-5035

44. Sun CZ, Wang L, Hu D, Ali Ramuli Maquina Riquicho, Liu "K@A" P , Li Y\*. Proteomic analysis of non-heading Chinese cabbage infected with Hyaloperonospora parasitica. *Proteomics*, 2014 98 15-30

45. Yanxiao Li , Changwei Zhang, Xiaoming Sheng , Shanwu Lv



51.Zhang, Y.; Tang, Z.; Wang, P.; Ren, J.; Xiong, A.S.

(Xiao-Ming); Li, Y.; Li, Y.; Li, S.Y.; Xu, L.J. Induction

non-heading Chinese cabbage (*Brassica campestris* ssp *chinensis* Makino) by colchicine treatment increases the ascorbic acid concentration. *JOURNAL OF HORTICULTURE SCIENCE & BIOTECHNOLOGY*,2014,89: 53-60.

52. Zhi-Sheng Xu,Hua-Wei Tan, Feng Wang, , Ai-Sheng Xiong\*.CarrotDB:a genomic and transcriptomic database for carrot. *DATABASE THE JOURNAL OF BIOLOGICAL DATABASES AND CURATION*, 2014, 1–8

53. Zhen Wang , Jun Tang, Rong Hu , Peng Wu , , Xiao-Ming Song<sup>1</sup> and Ai-Sheng Xiong. Genome-wide analysis of the R2R3-MYB transcription factor genes in Chinese cabbage (*Brassica rapa* ssp. *pekinensis*) reveals their stress and hormone responsive patterns. *BMC Genomics*,2015,DOI 10.1186/s12864-015-1216-y.

54. Feifei Sun , Zhen Wang , Xinyu Maoc, Changwei Zhang, Dongsheng Wanga, Xia Wang, Xili .Overexpression of BcGS2 gene in non-heading Chinese cabbage (*Brassica campestris*) enhanced nitrogen GS activity and total amino acid content in transgenic seedlings. *Scientia Horticulturae*,2015, 186:129–136

55. Jin-shuang Zheng, Cheng-zhen Sun, Dong Xiao, Shu-ning Zhang, Guusje Bonnema, . Karyotype variation and conservation in morphotypes of non-heading Chinese cabbage. *Plant systematic and evolution* 2015 DOI 10.1007/s00864-064-6177-7

enomia with Phys Hu, Zhen Wang, Peng Wu, Jun TangM .Identification and abiotic stress analysis of calmodulin-binding transcription activator/signal responsive genes in ~~mn~~

60. Aisong Zengb, Yuanyuan Yan, Jiyong Yan, Lixiao Song, Bing Gao, Jianqi Li, , Ying Li  
Microspore embryogenesis and plant regeneration in Brussels sprouts (*Brassica oleracea* L. var. *gemmaifera*).  
*Scientia Horticulturae*, 2015, 191: 31–37
61. Zhen Wang, Dahua Jiang, Changwei Zhang, Huawei Tan, Yanxiao Li, Shanwu Lv, , Xiaoyan Cuid.  
Genome-wide identification of turnip mosaic virus-responsive microRNAs in non-heading Chinese cabbage by high-throughput sequencing. *Gene*, 2015, 571:178-187. doi.org/10.1016/j.gene.2015.06.047
62. Cheng Wang, Weike Duan, Ali RamuliMaquina Riquicho, Zange Jing, Tongkun Liu, , Ying Li\*. Genome-wide survey and expression analysis of the PUB family in Chinese cabbage (*Brassica rapa* ssp. *pekinensis*). *Mol Genet Genomics*. DOI 10.1007/s00438-015-1075-x
63. Zhinan Huang, Jun Tang, Weike Duan, Zhen Wang, Xiaoming Song and . Molecular evolution,characterization, and expression analysis of SnRK2 gene family in Pak-choi (*Brassica rapa* ssp. *chinensis*).*Front. Plant Sci.*, DOI 10.3389/fpls.2015.00879
64. Xiaoming Song, Weike Duan, Zhinan Huang, Gaofeng Liu, Peng Wu, Tongkun Liu, Ying Li & . Comprehensive analysis of the flowering genes in Chinese cabbage and examination of evolutionary pattern of CO-like genes in plant kingdom. *Scientific Reports* ,5:14631. DOI: 10.1038/srep14631
65. Hua-Wei Tan, Xiao-Ming Song, Wei-Ke Duan, Yan Wang, and . Genome-wide analysis of the SBP-box gene family in Chinese cabbage (*Brassica rapa* subsp. *pekinensis*). *Genome*, 2015, 58: 463–477, dx.doi.org/10.1139/gen-2015-0074