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| Ma, C., H. Wang, A. J. Macnish, A. C. Estrada-Melo, J. Lin, Y. Chang, M. S. Reid and C.-Z. Jiang (2015). **Transcriptomic analysis reveals numerous diverse protein Marondedze Marondedze transcription factors involved in desiccation tolerance in the resurrection plant *Myrothamnus flabellifolia***. Horticulture Research 2: 15034. DOI: 10.1038/hortres.2015.34 | | [www.nature.com/articles/hortres201534](http://www.nature.com/articles/hortres201534) |
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| Li, Z. T., K.-H. Kim, S. A. Dhekney, J. R. Jasinski, M. R. Creech and D. J. Gray (2014). **An optimized procedure for plant recovery from somatic embryos significantly facilitates the genetic improvement of *Vitis***. Horticulture Research 1: 14027. DOI: 10.1038/hortres.2014.27 | | [www.nature.com/articles/hortres201427](http://www.nature.com/articles/hortres201427) |
| Fang, W.-P., L. W. Meinhardt, H.-W. Tan, L. Zhou, S. Mischke and D. Zhang (2014). **Varietal identification of tea (*Camellia sinensis*) using nanofluidic array of single nucleotide polymorphism (SNP) markers**. Horticulture Research 1: 14035. DOI: 10.1038/hortres.2014.35 | | [www.nature.com/articles/hortres201435](http://www.nature.com/articles/hortres201435) |
| Zhu, Y., G. Fazio and M. Mazzola (2014). **Elucidating the molecular responses of apple rootstock resistant to ARD pathogens: challenges and opportunities for development of genomics-assisted breeding tools**. Horticulture Research 1: 14043. DOI: 10.1038/hortres.2014.43 | | [www.nature.com/articles/hortres201443](http://www.nature.com/articles/hortres201443) |
| Chagné, D., D. Dayatilake, R. Diack, M. Oliver, H. Ireland, A. Watson, S. E. Gardiner, J. W. Johnston, R. J. Schaffer and S. Tustin (2014). **Genetic and environmental control of fruit maturation, dry matter and firmness in apple (*Malus* × *domestica* Borkh.)**. Horticulture Research 1: 14046. DOI: 10.1038/hortres.2014.46 | | [www.nature.com/articles/hortres201446](http://www.nature.com/articles/hortres201446) |
| Weng, K., Z.-Q. Li, R.-Q. Liu, L. Wang, Y.-J. Wang and Y. Xu (2014). **Transcriptome of *Erysiphe* *necator*-infected *Vitis* *pseudoreticulata* leaves provides insight into grapevine resistance to powdery mildew**. Horticulture Research 1: 14049. DOI: 10.1038/hortres.2014.49 | | [www.nature.com/articles/hortres201449](http://www.nature.com/articles/hortres201449) |
| Liu, T., Y. Qian, W. Duan, J. Ren, X. Hou and Y. Li (2014). ***BcRISP1*, isolated from non-heading Chinese cabbage, decreases the seed set of transgenic *Arabidopsis***. Horticulture Research 1: 14062. DOI: 10.1038/hortres.2014.62 | | [www.nature.com/articles/hortres201462](http://www.nature.com/articles/hortres201462) |
| Wang, B., H.-W. Tan, W. Fang, L. W. Meinhardt, S. Mischke, T. Matsumoto and D. Zhang (2015). **Developing single nucleotide polymorphism (SNP) markers from transcriptome sequences for identification of longan (*Dimocarpus* *longan*) germplasm**. Horticulture Research 2: 14065. DOI: 10.1038/hortres.2014.65 | | [www.nature.com/articles/hortres201465](http://www.nature.com/articles/hortres201465) |
| Hayes, R. J., M. A. Trent, M. J. Truco, R. Antonise, R. W. Michelmore and C. T. Bull (2014). **The inheritance of resistance to bacterial leaf spot of lettuce caused by *Xanthomonas* *campestris* pv. *vitians* in three lettuce cultivars**. Horticulture Research 1: 14066. DOI: 10.1038/hortres.2014.66 | | [www.nature.com/articles/hortres201466](http://www.nature.com/articles/hortres201466) |
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| Wyatt, L. E., S. R. Strickler, L. A. Mueller and M. Mazourek (2015). **An acorn squash (*Cucurbita* *pepo* ssp. *ovifera*) fruit and seed transcriptome as a resource for the study of fruit traits in *Cucurbita***. Horticulture Research 2: 14070. DOI: 10.1038/hortres.2014.70 | | [www.nature.com/articles/hortres201470](http://www.nature.com/articles/hortres201470) |
| Foster, T. M., J.-M. Celton, D. Chagné, D. S. Tustin and S. E. Gardiner (2015). **Two quantitative trait loci, *Dw1* and *Dw2*, are primarily responsible for rootstock-induced dwarfing in apple**. Horticulture Research 2: 15001. DOI: 10.1038/hortres.2015.1 | | [www.nature.com/articles/hortres20151](http://www.nature.com/articles/hortres20151) |
| Antanaviciute, L., N. Šurbanovski, N. Harrison, K. J. McLeary, D. W. Simpson, F. Wilson, D. J. Sargent and R. J. Harrison (2015). **Mapping QTL associated with *Verticillium* *dahliae* resistance in the cultivated strawberry (*Fragaria* × *ananassa*)**. Horticulture Research 2: 15009. DOI: 10.1038/hortres.2015.9 | | [www.nature.com/articles/hortres20159](http://www.nature.com/articles/hortres20159) |
| Estrada-Melo, A. C., Chao, M. S. Reid and C.-Z. Jiang (2015). **Overexpression of an ABA biosynthesis gene using a stress-inducible promoter enhances drought resistance in petunia**. Horticulture Research 2: 15013. DOI: 10.1038/hortres.2015.13 | | [www.nature.com/articles/hortres201513](http://www.nature.com/articles/hortres201513) |
| Donoso, J. M., I. Eduardo, R. Picañol, I. Batlle, W. Howad, M. J. Aranzana and P. Arús (2015). **High-density mapping suggests cytoplasmic male sterility with two restorer genes in almond × peach progenies**. Horticulture Research 2: 15016. DOI: 10.1038/hortres.2015.16 | | [www.nature.com/articles/hortres201516](http://www.nature.com/articles/hortres201516) |
| Xiong, J.-S., J. Ding and Y. Li (2015). **Genome-editing technologies and their potential application in horticultural crop breeding**. Horticulture Research 2: 15019. DOI: 10.1038/hortres.2015.19 | | [www.nature.com/articles/hortres201519](http://www.nature.com/articles/hortres201519) |
| Payne, A. C., G. J. J. Clarkson, S. Rothwell and G. Taylor (2015). **Diversity in global gene expression and morphology across a watercress (*Nasturtium* *officinale* R. Br.) germplasm collection: first steps to breeding**. Horticulture Research 2: 15029. DOI: 10.1038/hortres.2015.29 | | [www.nature.com/articles/hortres201529](http://www.nature.com/articles/hortres201529) |
| Amrine, K. C. H., B. Blanco-Ulate, S. Riaz, D. Pap, L. Jones, R. Figueroa-Balderas, M. A. Walker and D. Cantu (2015). **Comparative transcriptomics of Central Asian *Vitis* *vinifera* accessions reveals distinct defense strategies against powdery mildew**. Horticulture Research 2: 15037. DOI: 10.1038/hortres.2015.37 | | [www.nature.com/articles/hortres201537](http://www.nature.com/articles/hortres201537) |
| Olsen, A., H. Lütken, J. N. Hegelund and R. Müller (2015). **Ethylene resistance in flowering ornamental plants – improvements and future perspectives**. Horticulture Research 2: 15038. DOI: 10.1038/hortres.2015.38 | | [www.nature.com/articles/hortres201538](http://www.nature.com/articles/hortres201538) |
| Pitino, M., C. M. Armstrong and Y. Duan (2015). **Rapid screening for citrus canker resistance employing pathogen-associated molecular pattern-triggered immunity responses**. Horticulture Research 2: 15042. DOI: 10.1038/hortres.2015.42 | | [www.nature.com/articles/hortres201542](http://www.nature.com/articles/hortres201542) |
| Roberts, D. J., D. J. Werner, P. A. Wadl and R. N. Trigiano (2015). **Inheritance and allelism of morphological traits in eastern redbud (*Cercis* *canadensis* L.)**. Horticulture Research 2: 15049. DOI: 10.1038/hortres.2015.49 | | [www.nature.com/articles/hortres201549](http://www.nature.com/articles/hortres201549) |
| Hu, Y., Q. Wu, S. A. Sprague, J. Park, M. Oh, C. B. Rajashekar, H. Koiwa, P. A. Nakata, N. Cheng, K. D. Hirschi, F. F. White and S. Park (2015). **Tomato expressing Arabidopsis glutaredoxin gene *AtGRXS17* confers tolerance to chilling stress via modulating cold responsive components**. Horticulture Research 2: 15051. DOI: 10.1038/hortres.2015.51 | | [www.nature.com/articles/hortres201551](http://www.nature.com/articles/hortres201551) |
| Damerum, A., S. L. Selmes, G. F. Biggi, G. J. J. Clarkson, S. D. Rothwell, M. J. Truco, R. W. Michelmore, R. D. Hancock, C. Shellcock, M. A. Chapman and G. Taylor (2015). **Elucidating the genetic basis of antioxidant status in lettuce (*Lactuca* *sativa*)**. Horticulture Research 2: 15055. DOI: 10.1038/hortres.2015.55 | | [www.nature.com/articles/hortres201555](http://www.nature.com/articles/hortres201555) |
| Zhou, L., T. Matsumoto, H.-W. Tan, L. W. Meinhardt, S. Mischke, B. Wang and D. Zhang (2015). **Developing single nucleotide polymorphism markers for the identification of pineapple (*Ananas* *comosus*) germplasm**. Horticulture Research 2: 15056. DOI: 10.1038/hortres.2015.56 | | [www.nature.com/articles/hortres201556](http://www.nature.com/articles/hortres201556) |
| Muranty, H., M. Troggio, I. B. Sadok, M. A. Rifaï, A. Auwerkerken, E. Banchi, R. Velasco, P. Stevanato, W. E. van de Weg, M. Di Guardo, S. Kumar, F. Laurens and M. C. A. M. Bink (2015). **Accuracy and responses of genomic selection on key traits in apple breeding**. Horticulture Research 2: 15060. DOI: 10.1038/hortres.2015.60 | | [www.nature.com/articles/hortres201560](http://www.nature.com/articles/hortres201560) |
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| Luby, C. H., H. A. Maeda and I. L. Goldman (2014). **Genetic and phenological variation of tocochromanol (vitamin E) content in wild (*Daucus carota* L. var. *carota*) and domesticated carrot (*D. carota* L. *var. sativa*)**. Horticulture Research 1: 14015. DOI: 10.1038/hortres.2014.15 | | [www.nature.com/articles/hortres201415](http://www.nature.com/articles/hortres201415) |
| Feng, F., M. Li, F. Ma and L. Cheng (2014). **Effects of location within the tree canopy on carbohydrates, organic acids, amino acids and phenolic compounds in the fruit peel and flesh from three apple (*Malus* × *domestica*) cultivars**. Horticulture Research 1: 14019. DOI: 10.1038/hortres.2014.19 | | [www.nature.com/articles/hortres201419](http://www.nature.com/articles/hortres201419) |
| Dutt, M., S. A. Dhekney, L. Soriano, R. Kandel and J. W. Grosser (2014). **Temporal and spatial control of gene expression in horticultural crops**. Horticulture Research 1: 14047. DOI: 10.1038/hortres.2014.47 | | [www.nature.com/articles/hortres201447](http://www.nature.com/articles/hortres201447) |
| Yamamoto, M. and T. Nishio (2014). **Commonalities and differences between *Brassica* and *Arabidopsis* self-incompatibility**. Horticulture Research 1: 14054. DOI: 10.1038/hortres.2014.54 | | [www.nature.com/articles/hortres201454](http://www.nature.com/articles/hortres201454) |
| Yang, T., H. Peng and G. R. Bauchan (2014). **Functional analysis of tomato calmodulin gene family during fruit development and ripening**. Horticulture Research 1: 14057. DOI: 10.1038/hortres.2014.57 | | [www.nature.com/articles/hortres201457](http://www.nature.com/articles/hortres201457) |
| Shim, D., J.-H. Ko, W.-C. Kim, Q. Wang, D. E. Keathley and K.-H. Han (2014). **A molecular framework for seasonal growth-dormancy regulation in perennial plants**. Horticulture Research 1: 14059. DOI: 10.1038/hortres.2014.59 | | [www.nature.com/articles/hortres201459](http://www.nature.com/articles/hortres201459) |
| Liang, Y.-C., M. S. Reid and C.-Z. Jiang (2014). **Controlling plant architecture by manipulation of gibberellic acid signalling in petunia**. Horticulture Research 1: 14061. DOI: 10.1038/hortres.2014.61 | | [www.nature.com/articles/hortres201461](http://www.nature.com/articles/hortres201461) |
| Ordaz-Ortiz, J. J., S. Foukaraki and L. A. Terry (2015). **Assessing temporal flux of plant hormones in stored processing potatoes using high definition accurate mass spectrometry**. Horticulture Research 2: 15002. DOI: 10.1038/hortres.2015.2 | | [www.nature.com/articles/hortres20152](http://www.nature.com/articles/hortres20152) |
| Schiller, D., C. Contreras, J. Vogt, F. Dunemann, B. G. Defilippi, R. Beaudry and W. Schwab (2015). **A dual positional specific lipoxygenase functions in the generation of flavor compounds during climacteric ripening of apple**. Horticulture Research 2: 15003. DOI: 10.1038/hortres.2015.3 | | [www.nature.com/articles/hortres20153](http://www.nature.com/articles/hortres20153) |
| Liu, M., H.-l. Tian, J.-H. Wu, R.-R. Cang, R.-X. Wang, X.-H. Qi, Q. Xu and X.-H. Chen (2015). **Relationship between gene expression and the accumulation of catechin during spring and autumn in tea plants (*Camellia* *sinensis* L.)**. Horticulture Research 2: 15011. DOI: 10.1038/hortres.2015.11 | | [www.nature.com/articles/hortres201511](http://www.nature.com/articles/hortres201511) |
| Wang, G.-L., F. Xiong, F. Que, Z.-S. Xu, F. Wang and A.-S. Xiong (2015). **Morphological characteristics, anatomical structure, and gene expression: novel insights into gibberellin biosynthesis and perception during carrot growth and development**. Horticulture Research 2: 15028. DOI: 10.1038/hortres.2015.28 | | [www.nature.com/articles/hortres201528](http://www.nature.com/articles/hortres201528) |
| Yuan, H., J. Zhang, D. Nageswaran and L. Li (2015). **Carotenoid metabolism and regulation in horticultural crops**. Horticulture Research 2: 15036. DOI: 10.1038/hortres.2015.36 | | [www.nature.com/articles/hortres201536](http://www.nature.com/articles/hortres201536) |
| Zhuang, W., Z. Gao, L. Wen, X. Huo, B. Cai and Z. Zhang (2015). **Metabolic changes upon flower bud break in Japanese apricot are enhanced by exogenous GA4**. Horticulture Research 2: 15046. DOI: 10.1038/hortres.2015.46 | | [www.nature.com/articles/hortres201546](http://www.nature.com/articles/hortres201546) |
| Yin, J., X. Chang, T. Kasuga, M. Bui, M. S. Reid and C.-Z. Jiang (2015). **A basic helix-loop-helix transcription factor, *PhFBH4*, regulates flower senescence by modulating ethylene biosynthesis pathway in petunia**. Horticulture Research 2: 15059. DOI: 10.1038/hortres.2015.59 | | [www.nature.com/articles/hortres201559](http://www.nature.com/articles/hortres201559) |
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| Burgess, P. and B. Huang (2014). **Growth and physiological responses of creeping bentgrass (*Agrostis* *stolonifera*) to elevated carbon dioxide concentrations**. Horticulture Research 1: 14021. DOI: 10.1038/hortres.2014.21 | | [www.nature.com/articles/hortres201421](http://www.nature.com/articles/hortres201421) |
| Zhou, L., H. Xu, S. Mischke, L. W. Meinhardt, D. Zhang, X. Zhu, X. Li and W. Fang (2014). **Exogenous abscisic acid significantly affects proteome in tea plant (*Camellia* *sinensis*) exposed to drought stress**. Horticulture Research 1: 14029. DOI: 10.1038/hortres.2014.29 | | [www.nature.com/articles/hortres201429](http://www.nature.com/articles/hortres201429) |
| Stanton, K. M. and M. V. Mickelbart (2014). **Maintenance of water uptake and reduced water loss contribute to water stress tolerance of *Spiraea* *alba* Du Roi and *Spiraea* *tomentosa* L**. Horticulture Research 1: 14033. DOI: 10.1038/hortres.2014.33 | | [www.nature.com/articles/hortres201433](http://www.nature.com/articles/hortres201433) |
| Shin, S., J. Lv, G. Fazio, M. Mazzola and Y. Zhu (2014). **Transcriptional regulation of ethylene and jasmonate mediated defense response in apple (*Malus domestica*) root during *Pythium* *ultimum* infection**. Horticulture Research 1: 14053. DOI: 10.1038/hortres.2014.53 | | [www.nature.com/articles/hortres201453](http://www.nature.com/articles/hortres201453) |
| Berdeja, M., P. Nicolas, C. Kappel, Z. W. Dai, G. Hilbert, A. Peccoux, M. Lafontaine, N. Ollat, E. Gomès and S. Delrot (2015). **Water limitation and rootstock genotype interact to alter grape berry metabolism through transcriptome reprogramming**. Horticulture Research 2: 15012. DOI: 10.1038/hortres.2015.12 | | [www.nature.com/articles/hortres201512](http://www.nature.com/articles/hortres201512) |
| Qiu, W., A. Feechan and I. Dry (2015). **Current understanding of grapevine defense mechanisms against the biotrophic fungus (*Erysiphe* *necator*), the causal agent of powdery mildew disease**. Horticulture Research 2: 15020. DOI: 10.1038/hortres.2015.20 | | [www.nature.com/articles/hortres201520](http://www.nature.com/articles/hortres201520) |
| Xu, X., T. Passey, F. Wei, R. Saville and R. J. Harrison (2015). **Amplicon-based metagenomics identified candidate organisms in soils that caused yield decline in strawberry**. Horticulture Research 2: 15022. DOI: 10.1038/hortres.2015.22 | | [www.nature.com/articles/hortres201522](http://www.nature.com/articles/hortres201522) |
| Ma, Y., J. Wang, Y. Zhong, F. Geng, G. R. Cramer and Z.-M. Cheng (2015). **Subfunctionalization of cation/proton antiporter 1 genes in grapevine in response to salt stress in different organs**. Horticulture Research 2: 15031. DOI: 10.1038/hortres.2015.31 | | [www.nature.com/articles/hortres201531](http://www.nature.com/articles/hortres201531) |
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| Lurie, S. and R. Pedreschi (2014). **Fundamental aspects of postharvest heat treatments**. Horticulture Research 1: 14030. DOI: 10.1038/hortres.2014.30 | | [www.nature.com/articles/hortres201430](http://www.nature.com/articles/hortres201430) |
| Marondedze, C., C. Gehring and L. Thomas (2014). **Dynamic changes in the date palm fruit proteome during development and ripening**. Horticulture Research 1: 14039. DOI: 10.1038/hortres.2014.39 | | [www.nature.com/articles/hortres201439](http://www.nature.com/articles/hortres201439) |
| Doerflinger, F. C., W. B. Miller, J. F. Nock and C. B. Watkins (2015). **Variations in zonal fruit starch concentrations of apples – a developmental phenomenon or an indication of ripening?** Horticulture Research 2: 15047. DOI: 10.1038/hortres.2015.47 | | [www.nature.com/articles/hortres201547](http://www.nature.com/articles/hortres201547) |

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