



Volume 288, 15 October 2021

ISSN 0304-4238


# SCIENTIA HORTICULTURAE

Jeonbuk National University

ISSN : 0304-4238

Scientia Horticulturae

VOL.2021 NO.288

 WILL JOURNAL INC.



0304-4238(20211015)2021:288:1-W



Abstracted/Indexed in: Current Contents (A, B & ES), Research Alert, SciSearch, Science Citation Index; BIOSIS (Previews), Biological Abstracts; CAB Abstracts; Current Awareness in Biological Sciences (CABS); Geobase, Ecological Abstracts; EMBiology; PASCAL. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®

Overexpression of the glucosyltransferase gene <i>BoaUGT74B1</i> enhances the accumulation of indole glucosinolates in Chinese kale H. Zheng, C. Zhang, Y. Wang, W. Zhou, J. Chen, X. Yan, Z. Li, S. Huang, M. Li, Y. Tang, H. Li, Q. Wang, F. Zhang and B. Sun (China)	110302	Xylem, phloem and transpiration flows in developing strawberries A. Winkler, G. Hurtado and M. Knoche (Germany)	110305
The selection of superior late-leaving genotypes of Persian walnut ( <i>Juglans regia</i> L.) among seedling originated trees based on pomological characterizations H. Kavosi and A. Khadivi (Iran)	110299	Near freezing temperature storage alleviates cell wall polysaccharide degradation and softening of apricot ( <i>Prunus armeniaca</i> L.) fruit after simulated transport vibration K. Cui, L. Yang, C. Shu, J. Liu, Z. Zhu, Z. Yang, X. Zhu and W. Jiang (China)	110296
Vertical microclimate heterogeneity and dew formation in semi-closed and naturally ventilated tomato greenhouses D. Jerszurki, T. Saadon, J. Zhen, N. Agam, E. Tas, S. Rachmilevitch and N. Lazarovitch (Israel)	110271	Melatonin treatment delays senescence and improves antioxidant potential of sweet cherry fruits during cold storage Y. Sharafi, A. Jannatizadeh, J.R. Fard and M.S. Aghdam (Iran)	110304
Optimization of culture medium for the <i>in vitro</i> germination and histochemical analysis of <i>Passiflora</i> spp. pollen grains M.d.S. Ferreira, T.L. Soares, E.M.R. Costa, R.L.d. Silva, O.N.d. Jesus, T.G. Junghans and F.V.D. Souza (Brazil)	110298	An orthogonal design of light factors to optimize growth, photosynthetic capability and metabolite accumulation of <i>Anoectochilus roxburghii</i> (Wall.) Lindl. M. Chen, X. Zeng, Y. Liu, H. Zhang and Q. Hu (China)	110272
Comprehensive transcriptome-based characterization of differentially expressed genes involved in carotenoid biosynthesis of different ripening stages of <i>Capsicum</i> Q.-H. Li, S.-P. Yang, Y.-N. Yu (China), A. Khan (Pakistan), P.-L. Feng, M. Ali, D.-k. Shao, Y.-Y. Wang, R.-X. Zhang, W.-X. Gai, R. Han, X. Ma, Q.-G. Hou and Z.-H. Gong (China)	110311	The effects of nanographene oxide on the morpho-biochemical traits and antioxidant activity of <i>Lepidium sativum</i> L. under <i>in vitro</i> salinity stress P. Golkar, M. Abdollahi Bakhtiari and M. Bazarganipour (Iran)	110301
Low tunnels with shading meshes: An alternative for the management of insect pests in kale cultivation F.d.S. Ponce, D.A. Trento, C.A.d.L. Toledo, D.T. Antunes, M.R. Zanuzo, R. Dallacort, R.C. Oliveira and S. Seabra (Brazil)	110284	Identification and specific expression patterns in flower organs of <i>ABCG</i> genes related to floral scent from <i>Prunus mume</i> R. Hao, S. Yang, Z. Zhang, Y. Zhang, J. Chang and C. Qiu (China)	110218
Variation and inheritance of the degree of style branching in hybrids of <i>Iris dichotoma</i> × <i>I. domestica</i> J. Gao, W. Cai, Y. Xiao, F. Yu, Y. Zheng and X. Bi (China)	110303	Comparative RNA-seq analysis reveals candidate genes associated with fruit set in pumpkin W. Luo, Y. Li, Y. Sun, L. Lu, Z. Zhao, J. Zhou and X. Li (China)	110255
Increased pH-mediated alleviation of copper-toxicity and growth response function in <i>Citrus sinensis</i> seedlings L.-Y. Cai, J. Zhang, Q.-Q. Ren, Y.-H. Lai, M.-Y. Peng, C.-L. Deng, X. Ye, L.-T. Yang, Z.-R. Huang and L.-S. Chen (China)	110310	Changes in soluble and non-cellulosic carbohydrates composition and calcium content during stem tip cuttings propagation and production of <i>Eustoma grandiflorum</i> X. Wu, L. Wang (China) and M.S. Roh (MuanKorea)	110216
Comparative transcriptome analysis reveals candidate genes for leaf color formation in a thermo-sensitive leaf-color mutant generated by carbon-ion beam in green wandering Jew ( <i>Tradescantia fluminensis</i> ) R. Liu, X. Dong, M. Zhang, Y. Qu, W. Jin, X. Li, L. Zhou, L. Yu and W. Li (China)	110300	Supplemental calcium improves freezing tolerance of spinach ( <i>Spinacia oleracea</i> L.) by mitigating membrane and photosynthetic damage, and bolstering anti-oxidant and cell-wall status K. Min (USA, South Korea), B. Liu (USA, PR China), S.-R. Lee (South Korea) and R. Arora (USA)	110212
Transcriptomic analysis reveals a role of phenylpropanoid pathway in the enhancement of chilling tolerance by pre-storage cold acclimation in cucumber fruit B. Wang, C. Wu, G. Wang, J. He and S. Zhu (China)	110282	Can the transcriptional regulation of <i>NHX1</i> , <i>SOS1</i> and <i>HKT1</i> genes handle the response of two pomegranate cultivars to moderate salt stress? Salt-tolerance of two pomegranate cultivars A. Calzone, L. Cotrozzi, E. Pellegrini, G. Lorenzini, C. Nali (Italy) and F. Maathuis (UK)	110309

Contents continued on inside back cover

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

ScienceDirect



0304-4238(20211015)288;1-L

