

O.M. HEIDE, J.A. STAVANG and A. SØNSTEBY: Physiology and genetics of flowering in cultivated and wild strawberries – a review	1–18
YU-YING WANG, HUI-NI XU, XIA WU, LI-MEI CHEN and KUN-ZHI LI: Identification and evaluation of excess nitrate-responsive genes in celery (<i>Apium graveolens</i> L.) roots	19–28
CINDY TONG, STEVEN J. MCKAY, JAMES J. LUBY, RANDOLPH BEAUDRY, CAROLINA CONTRERAS, JACQUELINE F. NOCK and CHRISTOPHER B. WATKINS: Using mixed-effects models to estimate the effect of harvest date and its interactions with post-harvest storage regime on apple fruit firmness	29–36
JUAN KAN, JUN LIU and CHANG HAI JIN: Changes in cell walls during fruit ripening in Chinese ‘Honey’ peach	37–46
Z.A. KAHRIZI, M. JAFARKHANI KERMANI, M. AMIRI, S. VEDADI and Z. HOSSEINI: <i>In vitro</i> radio-sensitivity of different genotypes and explants of rose (<i>Rosa hybrida</i>)	47–52
E. MACEDO, C. VIEIRA, D. CARRIZO, S. PORFIRIO, H. HEGEWALD, B. ARNHOLDT-SCHMITT, M.L. CALADO and A. PEIXE: Adventitious root formation in olive (<i>Olea europaea</i> L.) microshoots: anatomical evaluation and associated biochemical changes in peroxidase and polyphenol oxidase activities	53–59
JUDIT DOBRÁNSZKI and JAIME A. TEIXEIRA DA SILVA: <i>In vitro</i> shoot regeneration from transverse thin cell layers of apple leaves in response to various factors	60–66
A. RIBAS-AGUSTÍ, P. BOUCHAGIER, E. SKOTTI, D. ERBA, C. CASIRAGHI, C. SÁRRAGA and M. CASTELLARI: Effects of different organic anti-fungal treatments on tomato plant productivity and selected nutritional components of tomato fruit	67–72
M. SHOOROUEI, M. LOFTI, A. NABIPOUR, A.I. MANSOURI, K. KHERADMAND, F.G. ZALOM, E. MADADKHAH and A. PARSAFAR: Antixenosis and antibiosis of some melon (<i>Cucumis melo</i>) genotypes to the two-spotted spider mite (<i>Tetranychus urticae</i>) and a possible mechanism for resistance	73–78
M.H. AMINIFARD and S. MOHAMMADI: Efficacy of plant essential oils to control post-harvest decay of sweet cherry (<i>Prunus avium</i> L.) fruit	79–84
J. ZHANG, G.D. ESSELINK, D. CHE, M. FOUGÈRE-DANEZAN, P. ARENS and M.J.M. SMULDERS: The diploid origins of allopolyploid rose species studied using single nucleotide polymorphism haplotypes flanking a microsatellite repeat	85–92
NASIM AKHTAR: Temporal regulation of somatic embryogenesis in guava (<i>Psidium guajava</i> L.)	93–102
S. SINGH, S.R. SHARMA, P. KALIA, P. SHARMA, V. KUMAR, R. KUMAR, B.L. MEENA, S. KUMAR and T.R. SHARMA: Screening of cauliflower (<i>Brassica oleracea</i> L. var. <i>botrytis</i> L.) germplasm for resistance to downy mildew [<i>Hyaloperonospora parasitica</i> Constant (Pers.:Fr)Fr.] and designing appropriate multiple resistance breeding strategies	103–109
F. GIUFFRIDA, C. CASSANITI and C. LEONARDI: The influence of rootstock on growth and ion concentrations in pepper (<i>Capsicum annuum</i> L.) under saline conditions	110–116