

## >> Review

- 425** Genotyping-by-Sequencing: a Promising Tool for Plant Genetics Research and Breeding  
| Yong Suk Chung, Sang Chul Choi, Tae-Hwan Jun, and Changsoo Kim

## >> Research Reports

### Cultivation Physiology

- 432** The Interaction between Mycorrhizal Inoculation, Humic Acids Supply and Elevated Atmospheric CO<sub>2</sub> Increases Energetic and Antioxidant Properties and Sweetness of Yellow Onion  
| Marcelle Michelotti Bettoni, Átila Francisco Mogor, Volnei Pauletti, and Nieves Goicoechea
- 441** Supplemental Lighting with LEDs Improves the Biochemical Composition of Two *Valerianella locusta* (L.) Cultivars  
| Olga Długosz-Grochowska, Renata Wojciechowska, Michał Kruczek, and Anna Habela
- 450** Characterization of Trichome Morphology and Aphid Resistance in Cultivated and Wild Species of Potato  
| Kwang-Soo Cho, Min Kwon, Ji-Hong Cho, Ju-Sung Im, Young-Eun Park, Su-Young Hong, In-Taek Hwang, and Jin-Ho Kang
- 458** Mild Water Deficit Increases the Contents of Bioactive Compounds in Dropwort  
| Ji-Yoon Lee and Myung-Min Oh

### Protected Horticulture

- 467** Growth and Bioactive Compounds as Affected by Irradiation with Various Spectrum of Light-emitting Diode Lights in Dropwort  
| Yu-Min Jeon, Ki-Ho Son, Sang-Min Kim, and Myung-Min Oh

## Postharvest Technology

- 479** Effects of Methyl Jasmonate on Physicochemical Qualities and Internal Browning of 'Queen' Pineapple Fruit during Cold Storage  
| Panida Boonyaritthongchai and Suriyan Supapvanich

## Genetics and Breeding

- 488** Chromosomal Characterization Based on Repetitive DNA Distribution in a Tetraploid Cytotype of *Chrysanthemum zawadskii*  
| Abigail Rubiato Cuyacot, Ki-Byung Lim, Hyun Hee Kim, and Yoon-Jung Hwang
- 495** Effects of Hydropriming and Explant Origin on in vitro Culture and Frequency of Tetraploids in Small Watermelons  
| Phanna Phat, Ho-Jong Ju, JaeJong Noh, JeongHyeon Lim, MunHo Seong, HyongGwon Chon, JuHyung Jeong, SungWhan Kwon, and TaeBok Kim
- 503** In vitro Regeneration of *Abelmoschus esculentus* L. cv. Wufu: Influence of Anti-browning Additives on Phenolic Secretion and Callus Formation Frequency in Explants  
| Muhammad Irshad, Bizhu He, Shuang Liu, Sangeeta Mitra, Biswojit Debnath, Min Li, Hafiz Muhammad Rizwan, and Dongliang Qiu

## Others

- 514** Evaluation of Bioactive Compounds in Different Tissues of Sprouting Okra  
| Seung Ho Jeon, Young Son Cho, and Il Rae Rho