

Invited Review

- Distinct Self-recognition in the *Prunus* S-RNase-based Gametophytic Self-incompatibility System
.....D. Matsumoto and R. Tao 289

Original Articles

- Differences in Physiological Characteristics and Gene Expression Levels in Fruits between Japanese Persimmon (*Diospyros kaki* Thunb.) ‘Hiratanenashi’ and Its Small Fruit Mutant ‘Totsutanenashi’
.....T. Habu, H. Yamane, I. Naito, S. Nishiyama, A. Nonaka, T. Kawai, H. Yamada and R. Tao 306
- An Inheritance Model for Heptachlor Exo-epoxide Transport in Summer Squash (*Cucurbita pepo* L.)
.....K. Sugiyama, D. Kami, T. Muro, T. Otani, N. Seike and S. Namiki 315
- Productive Differences between Male and Female Plants in White Asparagus Production Using the Rootstock-planting Forcing Culture Technique
.....A. Uragami, R. Ueno, A. Yamasaki, K. Matsuo, T. Yamaguchi, H. Tokiwa, T. Takizawa, H. Sakai, T. Ikeuchi, S. Watanabe, K. Matsunaga, M. Kuniyama, H. Kitazawa and S. Motoki 322
- Aluminum Ions Are Involved in Purple Flower Coloration in *Camellia japonica* ‘Sennen-fujimurasaki’
.....N. Tanikawa, H. Inoue and M. Nakayama 331
- Quantitative Evaluation of the Contribution of Four Major Anthocyanins to Black Flower Coloring of Dahlia Petals
.....A. Deguchi, F. Tatsuzawa, M. Hosokawa, M. Doi and S. Ohno 340
- Conversion of Abaxial to Adaxial Petal in a *Torenia* (*Torenia fournieri* Lind. ex Fourn.) Mutant Appeared in Selfed Progeny of the Mutable Line “Flecked”
.....T. Niki, K. Sasaki, M. Shikata, T. Kawasaki-Narumi, N. Ohtsubo and T. Nishijima 351
- Growth and Flowering of *Doritaenopsis* Queen Beer ‘Mantefon’ as Affected by Different Potting Substrates
.....H. J. Kim, J. Kim, D. L. Yun, K. S. Kim and Y. J. Kim 360
- Chromosome Doubling in *Limonium bellidifolium* (Gouan) Dumort. by Colchicine Treatment of Seeds
.....S. Mori, T. Yamane, M. Yahata, K. Shinoda and N. Murata 366
- Analyses of Coloration-related Components in *Hydrangea* Sepals Causing Color Variability According to Soil Conditions
.....M. Kodama, Y. Tanabe and M. Nakayama 372
- Mutant *PI/GLO* Homolog Confers the Hose-in-hose Flower Phenotype in Kurume Azaleas
.....K.-S. Cheon, A. Nakatsuka and N. Kobayashi 380

Erratum

- Announcement of Apology and Revision 388
- Author Instructions 389