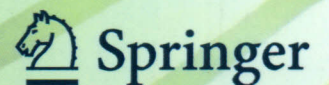


80

Journal of Plant Biochemistry and Biotechnology

Society for
Plant Biochemistry and
Biotechnology

LB
5/6/18



Journal of Plant Biochemistry and Biotechnology

Volume 27 · Number 2 · April–June 2018

REVIEW ARTICLE

- Biology of *B. sorokiniana* (syn. *Cochliobolus sativus*) in genomics era**
P.K. Gupta · N.K. Vasistha · R. Aggarwal · A.K. Joshi 123

ORIGINAL ARTICLES

- Cloning and molecular characterization of a ferulate-5-hydroxylase gene from water chestnuts (*Trapa bicornis* Osbeck.)**
F. Zhang · F. Wang · D. Li 139
- Identification of functional flavonol synthase genes from fragrant wild cyclamen (*Cyclamen purpurascens*)**
Y. Akita · S. Kitamura · R. Mikami · H. Ishizaka 147
- Genome-wide identification and abiotic stress responses of *DGK* gene family in maize**
Y. Gu · C. Zhao · L. He · B. Yan · J. Dong · Z. Li · K. Yang · J. Xu 156
- Anti-VEGFR2 nanobody expression in lettuce using an infectious *Turnip mosaic virus* vector**
M. Mirzaee · M. Jalali-Javaran · A. Moieni · S. Zeinali · M. Behdani · M. Shams-Bakhsh · M. Modarresi 167
- Cloning, antibody production, expression and cellular localization of universal stress protein gene (*USPI-GFP*) in transgenic cotton**
S. Hassan · T.R. Samiullah · M. ur Rahman Ansari · B. Rashid · T. Husnain 175
- Extraction, purification and characterization of a novel cysteine protease from the latex of plant *Vallaris solanacea***
S. Somavarapu · S. Vemula · I.B. Reddy 186
- Real-time PCR assay for rapid, efficient and accurate detection of *Paramyrtetium roridum* a leaf spot pathogen of *Gossypium* species**
R.L. Chavhan · V.R. Hinge · U.S. Kadam · B.B. Kalbande · P.K. Chakrabarty 199
- Development and validation of multiplex-PCR assay for simultaneous detection of rare alleles of *crtRB1* and *lcyE* governing higher accumulation of provitamin A in maize**
R.U. Zunjare · R. Chhabra · F. Hossain · V. Muthusamy · A. Baveja · H.S. Gupta 208

- The maize *brevis plant1* is a type II inositol polyphosphate 5-phosphatase**
Y. Chen · Q. Cai · S. Hao 215

- Isolation and characterization of a 3-hydroxy-3-methylglutaryl coenzyme A reductase 2 promoter from *Salvia miltiorrhiza***
P. Szymczyk · R. Grąbkowska · E. Skała · M. Żebrowska · E. Balcerczak · A. Jeleń 223

SHORT COMMUNICATIONS

- Physiological, biochemical, antioxidant and growth characterizations of gibberellin and paclobutrazol-treated sweet leaf (*Stevia rebaudiana* B.) herb**
S. Hajjhashemi 237
- Arabidopsis thaliana* *DHS2* (*AT4G33510*) gene promoter is highly wound responsive and requires a part of the first exon sequences for its function**
R.K. Raipuria · V. Kumar · K.N. Guruprasad · S.R. Bhat 241

Further articles can be found at link.springer.com

Indexed/abstracted in *Science Citation Index Expanded (SciSearch)*, *Journal Citation Reports/Science Edition*, *SCOPUS*, *Chemical Abstracts Service (CAS)*, *Google Scholar*, *CSA*, *CAB International*, *Biological Abstracts*, *BIOSIS*, *CAB Abstracts*, *Elsevier Biobase*, *Food Science and Technology Abstracts*, *Global Health*, *Indian Science Abstracts*, *OCLC*, *SCImago*, *Summon by ProQuest*

Instructions for Authors for *J. Plant Biochem. Biotechnol.* are available at www.springer.com/13562.