

# ALLELOPATHY JOURNAL

Volume 41

Number 2

July 2017

## SPECIAL ISSUE : INVASIVE PLANTS

**Editorial** 153

### RESEARCH PAPERS

**Bao-Ming Chen, Hui-Xuan Liao, Wei-Bin Chen, Hui-Jie Wei and Shao-Lin Peng (China).** Role of allelopathy in plant invasion and control of invasive plants 155

**J.G. Liu, H.X. Liao, B.M. Chen and S.L. Peng (China).** Do the phenolic acids in forest soil resist the exotic plant invasion? 167

**H. Shao, X.W. Zheng, C.X. Han, Y.X. Hu, A. Eminniyaz and C. Zhang (China).** Potential allelopathic effects of fungus *Aspergillus flavus* isolated from *Solanum rostratum* Dunal. invaded soil 177

**J.F. Sun, Y.L. Liao, W.W. Zhang, H. Zhang, X.Y. Wang, J.H. Chen, P. Huang, Z.C. Dai and D.L. Du (China).** Allelopathic effects of *Solidago canadensis* L. between the leaf litter and green leaf 189

**F.R. Li, S.C. Liang, M. Li and L.L. Duan (China).** The effects of N deposition on allelopathic potential of invasive plant *Spartina alterniflora* Loisel 201

**C.X. Han, F.C. Shao, J.W. Guo, Y.X. Hu, C. Zhang and H. Shao (China).** Indirect allelopathic effects of *Xanthium italicum* Morretti on soil properties and microbial communities 211

**H.Y. Zhang, S.S. Qi, Z.C. Dai, M. , Zhang, J.F. Sun and D.L. Du (China).** Allelopathic potential of flavonoids identified from invasive plant *Coryza canadensis* on *Agrostis stolonifera* and *Lactuca sativa* 223

**W.Y.Xie, N.Y. Hu, Y.N. Yu, Z.J Niu and X. Li (China).** Resistance of plant community to exotic invasive *Mikania micrantha* through allelopathy of multiple species 239

**W. Li, S.Q. He, X.P. Cheng, and W.H. Song (China).** Role of allelopathy in plant invasions in natural conditions 249

**J.B. Niu, R.L. Wang, C.Y. Chen, L.H. Jia, Y.Y. Song and R.S. Zeng (China).** Over-expression of *OsCPS2* and *OsCPS4* enhanced allelopathic potential in rice (*Oryza sativa*) 259