

ALLELOPATHY JOURNAL

Volume 36

Number 2

October 2015

REVIEW PAPERS

- VLADIMIR CABOUN and JACOB JOHN (Slovakia)** 133
Allelopathy research methods in forestry
- T. CHEN, S. LIN, L.K. WU, W.X. LIN and D.A. SAMPIETRO (China)** 167
Soil Sickness : Current Status and Future Perspectives

RESEARCH PAPERS

- T. CHEN, J. LI, L.K. WU, S. LIN, J.H. WANG, Z.F. LI, Z.Y. ZHANG and W.X. LIN (China)** 197
Effects of continuous monoculture of *Achyranthes bidentata* on microbial community structure and functional diversity in soil
- H.C. HONG, Y.J. DAI, W. XIN, Z.F. LIN, C.L. HE, T. WANG, Z.F. LI (China)** 213
Effects of continuous monoculture of *Achyranthes bidentata* on diversity of soil bacterial community
- F. A. CHATTHA, M. A. MUNAWAR, M. ASHRAF, S. KOUSAR, M. U. NISA and QURAT-UL-AIN (Pakistan)** 225
Plant growth regulating activities of coumarin-3-acetic acid derivatives
- J. GMERK and B. POLITYCKA (Poland)** 237
Enhanced lignification and root growth inhibition induced by ferulic and *p*-coumaric acids
- JIN-GANG LIU, BAO-MING CHEN and SHAO-LIN PENG (China)** 247
Abscisic acid contributes to the invasion resistance of native forest community
- E. PANNACCI, D. PETTOROSSO, L. REGNI and F. TEI (Italy)** 257
Allelopathic potential of mugwort (*Artemisia vulgaris* L.) to control the Italian ryegrass (*Lolium multiflorum* Lam.) in winter wheat
- C.Z. WANG, D.J. ZHANG, J. ZHANG, T.W. JI, Z.Q. TANG and Y.Y. ZHAO (China)** 273
Allelopathic effects of volatile compounds from *Eucalyptus grandis* on *Vigna radiata*, *Raphanus sativus* and *Lactuca sativa*
- Z.X. XU, Y. ZHANG, Y. YAO, H.M. LI and L. LI (China)** 283
Allelopathic effects of *Casuarina equisetifolia* extracts on seed germination of native tree species
- NIVAS DESAI and D. K. GAIKWAD (India)** 293
Allelopathic effects of leaf litter leachates of mangrove *Excoecaria agallocha* L. on rice seedlings
- J.Y. ZHANG, L.J. LIN, L. YANG, X. RUAN, X.J. LI, C.D. PAN, H. ZHANG, G. WANG and Q. WANG (China)** 303
Comparative allelopathic potentials of American chestnut (*Castanea dentata*) and Chinese chestnut (*C. mollissima*)
- AMIT SINGH, DEEPTI SINGH and N.B. SINGH (India)** 315
Allelopathic activity of *Nicotiana plumbaginifolia* at various phenological stages on sunflower