

# ALLELOPATHY JOURNAL

Volume 37

Number 1

January 2016

## RESEARCH PAPERS

- L. DJURDJEVIĆ, G. GAJIĆ, S. JARIĆ, O. KOSTIĆ, M. MITROVIĆ, LJ. OBERAN and P. PAVLOVIĆ (Serbia)** 1  
Allelopathy of plants from Deliblato Sands-Serbia I. Allelopathic influence of *Festuca vallesiaca*
- J.R. QASEM (Jordan)** 19  
Allelopathy of Stinking Mayweed (*Anthemis cotula* L.): The Phenomenon and Experimentation
- L. S. DIAS, ISABEL P. PEREIRA and ALEXANDRA S. DIAS (Portugal)** 31  
Allelopathy, seed germination, weed control and bioassay methods
- H. WANG, Y.S. XIE, X.Y. SHE, Q.L. JIANG, Y.L. ZHANG, Y.L. YANG and J.F. CHUAI (China)** 41  
Autotoxocity and Allelopathic effects of *Artemisia sacrorum* L. on dominant spp (*Stipa bungeana*, *Stipa grandis*, *Thymus mongolicus* and *Leymus secalinus*) of steppe from Loess Plateau, China
- A. A. ALMARIE, A. S. MAMAT, Z. WAHAB and I. H. RUKUNUDIN (Malaysia)** 55  
Chemical composition and phytotoxicity of essential oils isolated from Malaysian plants
- E. GRAÑA, C. DÍAZ-TIELAS, D. LÓPEZ-GONZÁLEZ, M. J. REIGOSA and A. M. SÁNCHEZ-MOREIRAS (Spain)** 71  
Histolocalization of aldehyde accumulation in citral-treated *Arabidopsis thaliana* roots
- X. S. ZHANG, X. L. JIAO, J. DU, J. X. YANG, C. H. JI and W. W. GAO (China)** 77  
The impact of phenolic acids on the growth of American ginseng
- KAVITA YADAV, NIMISHA AMIST and N. B. SINGH (India)** 91  
Interactive effects of wheat residue and cadmium on growth and metabolism of *Vigna radiata* L.
- M. SAFWAN ISHAK, B. S. ISMAIL and NORNASUHA YUSOFF (Malaysia)** 109  
Allelopathic potential of *Leucaena leucocephala* (Lam.) de Wit on the germination and seedling growth of *Ageratum conyzoides* L., *Tridax procumbens* L. and *Emilia sonchifolia* (L.) DC
- J. ZHANG, SALAHUDDIN, L. JI, L.X. YANG, H.R. WANG and L.X. YOU (China)** 123  
Effects of larch (*Larix gmelinii*) phenolic acids on manchurian ash (*Fraxinus mandshurica*) soil microbial community structure
- P. JIANG, D. F. ZHENG, W. TIAN, N. N. DU, X. ZHANG and A. L. ZHANG (China)** 137  
Identification of allelochemicals in *Chrysanthemum indicum* L. and their fungicidal potential against *Sclerotium rolfii* Sacc. and *Atractylodes macrocephala* Koidz.
- CRISTIAN ALBERTO ESPINOSA-RODRÍGUEZ, GUSTAVO VALENCIA-DEL TORO, S.S.S. SARMA and S. NANDINI (México)** 147  
Allelopathic activity and chemical analysis of crude extracts from the macrophyte *Egeria densa* on selected phytoplankton species