

RESEARCH PAPERS

- ZHANG ENPING, ZHANG SHUHONG and LI LIANGLIANG (China)** 1
Effects of tomato (*Solanum lycopersicum* L.) plant part extracts, root exudate and tomato grown soil extract on seed germination and seedling growth of tomato
- HAIYAN SUN and YAN WANG (China)** 11
Potential allelopathic effects of allelochemicals in aqueous extracts of leaves and root exudates of *Capsicum annuum* on vegetable crops
- Y.L. YIN, B.L. ZHOU and Y.P. TANG (China)** 23
Effects of three allelochemicals on *Verticillium dahliae* antagonistic microbes in eggplant rhizosphere
- Z. J. WU, Z. K. XIE, L. YANG, R. Y. WANG, Z. H. GUO, Y. B. ZHANG, L. WANG and H. R. KUTCHER (China)** 35
Identification of autotoxins from root exudates of Lanzhou lily (*Lilium davidii* var. *unicolor*)
- XINGANG ZHOU, FENGZHI WU and WENSHENG XIANG (China)** 49
Effects of vanillin on rhizosphere microbial communities of cucumber (*Cucumis sativus* L.) seedlings
- H. Q. LI, L. L. ZHANG, X. W. JIANG and Q. Z. LIU (China)** 61
Allelopathic effects of phenolic acids on the growth and physiological characteristics of strawberry plants ^{us}
- H. SHAO, R.S. ZENG, R.L. WANG, B.C. ZHANG and C. ZHANG (China)** 77
Selective phytotoxicity of xanthinin and xanthatin from invasive weed *Xanthium italicum* Morretti on test plants
- GUOQING WANG, KE YUAN, SHU ZHANG and RUILONG WANG (China)** 87
Influence of *Mikania micrantha* wilt virus on growth, reproduction and allelopathic potential of its host
- ROZBEH FARHOUDI and DONGIJIN LEE (Korea)** 97
Allelopathic potential of sunflower (*Helianthus annuus*) water extracts to reduce the pendimethalin herbicide dose to control *Chenopodium album* in corn (*Zea mays*)
- L. DJURDJEVIĆ, G. GAJIĆ, S. JARIĆ, O. KOSTIĆ, M. PAVLOVIĆ, P. PAVLOVIĆ and M. MITROVIĆ (Serbia)** 109
Effects of seasonal dynamics of phenolics in oak forest on truffles (*Tuber macrosporium* Vitt.)
- E. LATKOWSKA, E. CHRAPUSTA, B. BOBER, A. KAMINSKI, M. ADAMSKI and J. BIALCZYK (Poland)** 129
Allelopathic effects of epiphytic lichen *Hypogymnia physodes* (L.) Nyl. colonization on the spruce (*Picea abies* (L.) Karst.) bark
- J. A. NIELSEN, R. D. FREW, P. A. WHIGAM, R. M. CALLAWAY and K. J. M. DICKINSON (New Zealand)** 139
Germination and growth responses of co-occurring grass species to soil from under invasive *Thymus vulgaris*