

**ARTICLES**

- Review of advances in the thin layer chromatography of pesticides: 2008–2010** 557  
Joseph Sherma
- Adsorption and desorption processes of MCPA in Polish mineral soils** 569  
Tadeusz Paszko
- Development of competitive immunoassays to hydroxyl containing fungicide metabolites** 581  
Kevin C. Gough, Shila Jarvis and Ben C. Maddison
- Investigation on gene transfer from genetically modified corn (*Zea mays* L.) plants to soil bacteria** 590  
B. L. Ma, Robert E. Blackshaw, Julie Roy and Tianpei He
- Pesticide risk assessment: A study on inhalation and dermal exposure to 2,4-D and paraquat among Malaysian paddy farmers** 600  
Mohd Rafee B. Baharuddin, Ismail B. Sahid, Mohamad Azhar B. Mohd. Noor, Norela Sulaiman and Fadzil Othman
- Effects of different treatments on soil-borne DDT and HCH dynamics and plant uptake** 608  
Huashou Li, Weifeng Ling and Chuxia Lin
- Effects of the synthetic pyrethroid insecticide, permethrin, on two estuarine fish species** 615  
Lindsey M. Parent, Marie E. DeLorenzo and Michael H. Fulton
- Mycobiota and mycotoxins in bee pollen collected from different areas of Slovakia** 623  
Miroslava Kačániová, Miroslav Juráček, Róbert Chlebo, Vladimíra Kňazovická, Miriam Kadasi-Horáková, Simona Kunová, Jadža Lejková, Peter Haščík, Ján Mareček and Milan Šimko
- Production of a refined biooil derived by fast pyrolysis of chicken manure with chemical and physical characteristics close to those of fossil fuels** 630  
Carlos M. Monreal and Morris Schnitzer

**(Continued on inside back cover)**

## Contents continued

- Improved xenobiotic-degrading activity of *Rhodococcus opacus* strain 1cp after dormancy** 638  
Inna P. Solyanikova, Andrej L. Mulyukin, Natalja E. Suzina, Galina I. El-Registan  
and Ludmila A. Golovleva
- Hair as a marker for pesticides exposure** 648  
Charlotte Smith-Baker and Mahmoud A. Saleh