

Decomposition of different litter fractions in a subtropical bamboo ecosystem as affected by experimental nitrogen deposition TU Li-Hua, HU Hong-Ling, HU Ting-Xing, ZHANG Jian, LIU Li, LI Ren-Hong, DAI Hong-Zhong and LUO Shou-Hua	685
Modeling carbon dynamics in paddy soils in Jiangsu Province of China with soil databases differing in spatial resolution XU Sheng-Xiang, SHI Xue-Zheng, ZHAO Yong-Cun, YU Dong-Sheng, WANG Shi-Hang, ZHANG Li-Ming, C. S. LI and TAN Man-Zhi	696
Estimating soil erosion in Northeast China using ^{137}Cs and $^{210}\text{Pb}_{\text{ex}}$ YANG Yu-Hong, YAN Bai-Xing and ZHU Hui	706
Soil phosphorus distribution as affected by irrigation methods in plastic film house YANG Li-Juan, ZHANG Yu-Long, LI Fu-Sheng and J. H. LEMCOFF	712
Grass cover influences hydrophysical parameters and heterogeneity of water flow in a sandy soil L. LICHNER, D.J. ELDRIDGE, K. SCHACHT, N. ZHUKOVA, L. HOLKO, M. ŠÍR and J. PECHO	719
Effect of cobalt-doped framework on formation of todorokite from layered manganese oxides with $\text{Mg}^{2+}/\text{Co}^{2+}$ ions as template CUI Hao-Jie, LIU Fan, TAN Wen-Feng and FENG Xiong-Han	730
Application of the SCS-CN model to runoff estimation in a small watershed with high spatial heterogeneity XIAO Bo, WANG Qing-Hai, FAN Jun, HAN Feng-Peng and DAI Quan-Hou	738
Effects of nitrogen and phosphorus fertilization on soil pH-plant productivity relationships in upland grasslands of northern Greece S. D. VERESOGLOU, O. K. VOULGARI, R. SEN, A. P. MAMOLOS and D. S. VERESOGLOU	750
Systematic studies of nitrogen loss from paddy soils through leaching in the Dongting Lake area of China JI Xiong-Hui, ZHENG Sheng-Xian, SHI Li-Hong and LIU Zhao-Bing	753
Recovery and leaching of ^{15}N-labeled coated urea in a lysimeter system in the North China Plain LI Gui-Hua, ZHAO Lin-Ping, ZHANG Shu-Xiang, Y. HOSEN and K. YAGI	763
Soil properties and wheat growth and nutrients as affected by compost amendment under saline water irrigation A. M. MAHDY	773
Soil fertility indices of citrus orchard land along topographic gradients in the Three Gorges area of China WU Dian-Ming, YU Yuan-Chun, XIA Li-Zhong, YIN Shi-Xue and YANG Lin-Zhang	782
Spatio-temporal variability of soil salinity in alluvial plain of the lower reaches of the Yellow River—A case study LI Kai-Li, CHEN Jie, TAN Man-Zhi, ZHAO Bing-Zi, MI Shu-Xiao and SHI Xue-Zheng	793
Antioxidative responses and metal accumulation in invasive plant species growing on mine tailings in Zanjan, Iran M. M. A. BOOJAR and Z. TAVAKKOLI	802
Influences of long-term fertilizer and tillage management on soil fertility of the North China Plain NIU Ling-An, HAO Jin-Min, ZHANG Bao-Zhong and NIU Xin-Sheng	813
Information for Contributors to PEDOSPHERE	i
Index to Volume 21, 2011	v