#### China - Vetiver related research papers 2017

**Research on manufacturing technology of vetiver particle board.** Journal of Inner Mongolia Agricultural University, 31(3) 2010,7 Wang Xin, Zhou Dingguo, Zhao Qing College of Wood Industry, Nanjing Forestry University, Nanjing 210037, China

**Physicochemical properties and correlation of roots of 25 herbaceous plants** Grass Science 34(3) 2017.3 Ye Chao, Guo Zhonglu, Cai Chongfa, Yan Fengling, Ma Zhonghao Soil and Water Conservation Research Center, Huazhong Agricultural University, Wuhan 430072, China

**Planting scheme and effect evaluation of vetiver in lake revetment** Journal of Yangtze River Scientific Research Institute, 34(11) 2017 Liu Chuanshun, Lu Xiaoyi, Wang Calligraphy, Chen Yimeng, Hua Chengpu State Key Laboratory of Water Resources and Hydropower Engineering Science, Wuhan University Wuhan 430072

**Analysis of hydraulic and mechanical properties of ecological slope**: experimental study Journal of Geotechnical Engineering, 39(10) 2017 Cheng Peng, Li Jinhui, Song Lei Harbin Institute of Technology Shenzhen Graduate School, Guangdong Shenzhen 518055

**Research progress on ecological benefits of sloping hedgerow technology** Modern Agricultural Science and Technology 2017 12-12 2017 Lin Chunlei, Chen Ruojun, Zhang Bohao, Li Zhuang, Zhang Jihui Southwest Forestry University, Kunming, Yunnan 650224

### Study on the effect of planting vetiver on wave erosion on the shore of Donggang Lake

Journal of Wuhan University (Engineering Edition), 50(4) 2017 Cui Min, Liu Chuanshun, Chen Yimeng, Zhang Lu. State Key Laboratory of Water Resources and Hydropower Engineering Science, Wuhan University, Wuhan, Hubei 430072

**Restoration efficiency and action pathway of Indian mustard and vetiver on Pbcontaminated soil Environmental Science Research**, 30(9) 2017 Chen Youyuan, Lu Shuang, Hui Hongxia, Di Yuli, Sun Ping College of Environmental Science and Engineering, Ocean University of China, Qingdao 266100, China

Effects of vetiver on detoxification enzyme and acetylcholinesterase of larvae of Spodoptera frugiperda L. Plant Protection, 43(6) 2017 Lu Yanhui, Liang Qi, Zheng Xusong, Wang Guorong, Lv Zhongxian Institute of Plant Protection and Microbiology, Zhejiang Academy of Agricultural Sciences, Hangzhou 310021

Brief Introduction to the Growth Strategy of Vetiver Grass in Electrolytic Manganese Residues China Horticultural Digest 2017(10) 2017 Wang Jiazhen, Hu Wanming, Peng Changjuan,

ZHU Xu-gang College of Biological and Agricultural Science and Technology, Zunyi Normal University, Zunyi 536005, China

# Resin adsorption technique for the determination of heavy metal lead in the roots of vetiver by photospectroscopy and optical spectroscopy, 37(5) 2017 Wang Haiyang, Wu Zhijing, Jiang Lixia,

Hey, Liu Yande Institute of Opto-Electronics Technology and Application, East China Jiaotong University, Nanchang 330013, China

Root characteristics of vetiver and crabgrass and their effects on erosion resistance of purple soil on slopes. Acta Physica Sinica, 26(7) 2017 Wang Runze, 谌 芸, Li Tie, Peng Shilei, Key Laboratory of the Three Gorges Reservoir Region's Eco-Environment, Ministry of Education, College of Resources and Environment, Southwest University, Chongqing 400715, China

704784686@qq.com

**Chemical constituents and antioxidative and antibacterial activities of vetiver oil** Food Industry, 38(1) 2017 Peng Yan\*, Cai Wenning, Xiao Shenghong, Chen Huaxu College of Life Science and Technology, Lingnan Normal University (Zhanjiang 524048)

**Application of green prevention and control integration technology on rice** Agricultural Technology Service 2017.21 2017 Ding Feng Hangzhou Xiaoshan District Institute of Agricultural Science and Technology, Hangzhou, Zhejiang 311251, China

**Comparison of Selective Tendency of Different Geographic Populations of Chilo suppressalis on the Entrapment Plant Vetiver Grass,** Journal of Plant Protection, 44(6) 2017 Lu Yanhui, Bai Qi, Zheng Xusong, Lu Zhongxian Institute of Plant Protection and Microbiology, Zhejiang Academy of Agricultural Sciences, Hangzhou 310021, China

**Different vegetation roots on the reinforcement effect of riverbank slopes** China Hydropower and Electrification, 9/150 2017.9 Yu Nenghai, Zhou Lei Wang Guolin Shanghai Hai Waterproof Engineering Co., Ltd., Shanghai 200940

**Optimization of biogas production by combined anaerobic fermentation of kitchen waste and vetive**r Xinjiang Agricultural University Academic Report, 40(6) 2017 Zhao Liying, Zheng Zheng Wang Ya, Yin Xing, Zhang Feiyang, Li Bing, Li Yuying Key Laboratory of Ecological Safety of the Water Source Area of the Middle Route of the South-to-North Water Transfer Project of Henan Province, College of Agricultural Engineering, Nanyang Normal University Nanyang 473061

**Different planting years and growing seasons of vetiver on coal gangue hills** Comparison of Total Nitrogen Content and Its Distribution Ratio Plant Resources and Environment Journal 26(3) 2017 Liu Hanyu, Cheng Hao, Hao Jun, Chen Chao, Wang Rui. College of Animal Science, Guizhou University, Guiyang 550025

Effects of herbaceous roots on the characteristics of unsaturated soil in the old channel of the Yellow River. Water Resources and Hydropower Technology Progress, 37(1) 2017.1 Zhang Weiwei, Jiang Chaohua, Cheng Xing, Ling Cheng, Jin Qiu College of Coastal and Offshore Engineering, Hohai University, Nanjing 210098

Research on the Mechanism of Synergistic Slope Protection of Vetiver Grass-Micro Piles Science and Engineering, 17(31) 2017 Deng Yousheng, Peng Kai, Wang Lu, Zhou You School of Civil Engineering and Environment, Hubei University of Technology, Wuhan 430068, China

**Tensile mechanical properties of herbaceous roots in the earth-rock mountain slopes** China Soil and Water Conservation Science, 15(4) 2017 Ouyang Qianchao, Wei Yang, Zhou Xia, Zhang Chaobo College of Hydraulic Science and Engineering, Taiyuan University of Technology, Taiyuan 030024, China

## Straw cover and vetiver hedgerows on soil enzyme activity in red soil slope farmland

**Effects of microbial community structure**, Chinese agricultural science, 50(23) 2017 Cheng Yanhong, Huang Ouru, Wu Lin, Huang Shangshu, Zhong Yijun, Sun Yongming, Zhang Kun, Zhang Xinliang Jiangxi Red Soil Research Institute, Jiangxi 331717

Slope treatment technology and cost indicators for real estate projects Residential and real estate, May 2017 2017 2017 Lin Fengling

**Research on Ecological Prevention and Control Measures for Jianli Donggang Lake Collapse River Management**, 2017.18 2017 Liu Chuanshun, Lu Xiaoyi, Mao Beiping School of Water Resources and Hydropower, Wuhan University, 430070, Wuhan

**Ecological and economic value of vetiver** — **High-tech and industrialization**, April 2017 issue No. 251 ? 2017 Henan Research Laboratory, Institute of Agricultural Economics, Chinese Academy of Management, Research Office of Henan Socialist New Countryside Construction Promotion Association, Henan Provincial Committee of the China Democratic League

**The effect of spraying on host plants on the selectivity of Ophiopogon japonicum**, Journal of Plant Protection, 44(1) 2017 Liang Qi, Lu Yanhui, Wang Guorong, Zheng Xusong, Lu Zhongxian Institute of Plant Protection and Microbiology, Zhejiang Academy of Agricultural Sciences, Hangzhou 310021, China

### Application Practice of Green Control Technology for Rice Stem Borer in Zhejiang

**Province China Plant Protection Guide** 37(11) 2017 Zheng Xusong, Lu Yanhui, Zhong Liequan,

Huang Xianfu, Chen Haibo, Yao Xiaoming, Lv Zhongxian Institute of Plant Protection and Microbiology, Zhejiang Academy of Agricultural Sciences, Hangzhou, Zhejiang 310021

**Research progress on ecological restoration technology of lead and zinc tailings** Guangdong Chemical 2017.1 2017 Xia Xiaodong, Fang Xiaohang, Li Jie, Tang Cuiwen School of Environmental and Municipal Engineering, Lanzhou Jiaotong University, Gansu, Lanzhou 730070

Vetiver roots in the soil of the highway slope Distribution characteristics Journal of Applied Basic and Engineering Science, 25(1) 2017 Li Zhenyu, Wang Lifeng, Xiao Hongbin, Wang Yilei, Yang Hui. School of Civil Engineering and Mechanics, Central South University of Forestry and Technology, Changsha 410004

Application of vetiver on the flood control embankment of Changshu section of the Yangtze River Jiangsu Water Conservancy 201709 2017 Xu Jianzhong Changshu City Yangtze River Embankment Management Office, Suzhou 215500

**Mechanism of trapping plant vetiver on lethality of Chilo suppressalis larvae** China Agricultural Sciences 50(3) 2017 Lu Yanhui, Gao Guangchun, Zheng Xusong, Institute of Plant Protection and Microbiology, Zhejiang Academy of Agricultural Sciences, Hangzhou 310021, China

**Research progress on vegetation slope protection technology** Sichuan Cement, 201703 2017 Zhu Xiaolong, Wang Haixiang Jiangsu Institute of Architecture and Technology, Xuzhou, Jiangsu 221116

Six Plant Species Response to Salt Stress and Desalination Potential Hydroponics Experimental Research Wetland Science, 15(4) 2017 Cheng Xianwei, Liang Yinxiu, Zhu Hui, Chen Xin, Yan Baixing, Zhou Qingwei, Yu Xiangyu Northeastern Geography and Agricultural Ecology of Chinese Academy of Sciences Institute, Changchun 130102, China chengxianwei@iga.ac.cn

**Evaluation of stress response of 2 crops to phthalate pollution** Journal of Jiangxi Agricultural University, 39(5) 2017 Zhang Ming, Ouyang Wei, Nanjing Institute of Environmental Sciences, Ministry of Environmental Protection, Nanjing 210042, China Oyy0723@ 163.com

**Research and application of vetiver grass ecological engineering in landfill regreening** Agricultural Technology Service 34(10) 2017 Huang Dongbing, Peng Lixia, Shi Xinxin Guangdong Vocational College of Ecological Engineering, Guangzhou 510520, China

The best field layout for the control of rice stem borer by the entice plant vetiver

**Plant Protection** 43(6) 2017 Zheng Xusong, Lu Yanhui, Zhong Liequan, Huang Xianfu, Xu Fasan, Yao Xiaoming, Institute of Plant Protection and Microbiology, Zhejiang Academy of Agricultural Sciences, Hangzhou 310021, China