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 Pb-contaminated 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 vetiver 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 ② 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 Lieguan, Huang Xianfu,

Xu Fasan, Yao Xiaoming, Institute of Plant Protection and Microbiology, Zhejiang Academy of Agricultural Sciences, Hangzhou 310021, China

Vetiver Grass related papers published in Chinese Journals during 2016.

Remediation mechanism of "double-resistant" bacteria-Vetiver grass on lead-cadmium complex contaminated soil Journal of Applied and Environmental Biology, 22(5) 2016 Yang Xueyan, Jiang Daihua, Shi Jinna, Huang Weiquan, Huang Chengtao, Li Wei College of Agriculture, Guangxi University, Nanning 530004** Dhjiang2008@gxu.edu.cn

Research and analysis of slope geology and disaster management technology Resource Information and Engineering, 31(5) 2016 Zhou Xinzheng

Effects of Different Climate Types and Growth Regulators on the Reproductive Plants of Different Plants Hubei Agricultural Sciences, 55(19) 2016 Han Zhiqiang, Gao Zerui, Yin Gengyun, Wu Yusong, Wang Kuiping Yunnan Zhongyan New Material Technology Co., Ltd., Kunming 650106,ynkmychzq@sina.com

Effects of hedgerows with different growth years on soil erosion and soil organic matter of purple soil in sloping farmland. Three Gorges Ecological Environment Monitoring, 1(1) He Binghui, Chen Jingjing, Xiang Minghui, School of Resources and Environment, Southwest University, Key Laboratory of the Three Gorges Reservoir Region Ecological Environment Ministry of Education, Chongqing 400715 Hebinghui@swu.edu.cn

Effects of Different Growth Stages and Nitrogen Fertilizer Levels on Volatile Constituents of Rice Aphid-trapped Plant Vetiver Grass Chinese Journal of Biological Control, 32(5) 2016 Lu Yanhui, Gao Guangchun, Zheng Xusong, Wang Guorong, Lu Zhongxian. Institute of Plant Protection and Microbiology, Zhejiang Academy of Agricultural Sciences, Hangzhou 310021, China, luyanhui4321@126.com

Effects of different planting years of vetiver on the distribution of heavy metals in coal gangue matrix

Journal of Coal, 41(12) 2016 Chen Chao, Liu Hanyu, Hao Jun, Zhao Lili, Cheng Wei Guizhou University, College of Animal Science, Guizhou Guiyang 550025 Gzgyxgc3855218 @ 163. com

Study on Soil and Water Conservation and Management Model of Farmland in Southern Slope of Dabie Mountain China Soil and Water Conservation 2016.8 2016 Ouyang Shuguang, Zheng Yong, Zhu Xinwu Wang Xiaoqun Institute of Soil and Water Conservation and Farmland Water Resources, Huanggang City, Huanggang 438000, China

Effects of straw cover and vetiver hedgerow on water-stable aggregate

composition and organic carbon content in red soil. Journal of Ecology, 36(12) 2016 Cheng Yanhong, Wu Lin, Sun Huijuan, Zhong Yijun, Sun Yongming, Zhang Xinliang, Huang Shangshu, Huang Ouru, Jiangxi Red Soil Research Institute, National Red Soil Improvement Engineering Technology Research Center, Nanchang 330046

The female moth of Dioscorea opposita Thunb. EAG and behavioral responses. Journal of Applied Entomology, 53(1) 2016 Wang Guangli, Fu Xiaogang, Han Xiaoxia, Zhang Yiyao, Wei Hongyi
College of Agronomy, Jiangxi Agricultural University, Nanchang 330045, China

Effects of Cover and Grass Fence on Peanut Growth and Soil Properties in Red Soil Slope Farmland. Journal of Agricultural Machinery, 47(4) 2016 Zheng Haijin, Yang Jie, Huang Pengfei, Wan Jialei, Wang Lingyun, Zhao Jiading. Key Laboratory of Soil Erosion and Prevention in Jiangxi Province, Nanchang 330029

Migration and transformation characteristics of cadmium in soil-Vetiver system Journal of Ecology, 36(11) 2016 Ma Wenchao, Liu Yuan, Sun Xiaocan, Chen Jinping, Wei Hong

Key Laboratory of the Three Gorges Reservoir Region's Eco-Environment, Ministry of Education, College of Life Sciences, Southwest University, Chongqing 400715, China

Effect of root distribution on shear strength of root-soil composite. Journal of Central South University of Forestry and Technology, 36(8) 2016 Chen Mingda, Xiao Hongbin, Zhang Chunxiao, Li Zhenyu, Zeng Juanjuan, He Bin, Xie Jiayou Central South University of Forestry and Technology

School of Civil Engineering and Mechanics, Changsha 410004, China

Study on Selection of Vegetation Restoration Suitable Plants in the Pollution Area of Lead and Zinc Tailings in Hunan Province. Value Engineering 2016/17 2016 Sun Wei, Wang Qiong, Zhang Wang, Wu Liangliang, Zhou Lianbi. Beijing Research Institute of Mining and Metallurgy, Beijing 100160, China

Effects of hydroponic liquids on the growth of vetiver. Agricultural Technology Services 33(13)

2016 Liu Yan, Peng Xiaodan, Li Yang Agriculture and Animal Husbandry Bureau of Qixingguan District, Bijie City, Guizhou Province, Bijie 551700, China

Under rainfall infiltration conditions Analysis on the slope protection effect of herbaceous plants in the ancient Yellow River China Rural Water and Hydropower, 2016.11 2016

Zhang Weiwei, Wu Yubai, Ji Jianzhong, Chen Da, Jin Qiu, Huang Mingyi College of Port and Coastal Engineering, Hohai University, Nanjing 210098, chenda@ hhu.edu.cn.

Discussion on Construction Technology and Existing Problems of Straw Brick Wall

Sichuan Building Materials, 42 (9) 2016 Jiang Hao, Zhu Yanyang College of Civil Engineering, Jilin Jianzhu University, Jilin, Changchun 130118

Absorption and enrichment characteristics of heavy metals in dominant plants of coal gangue

Journal of Soil and Water Conservation, 30(2) 2016 Wu Hanfu, Tian Ling, Weng Guiying, Li Jinhui, Deng Hongjiang Department of Chemistry and Chemical Engineering, Liupanshui Normal University, Liupanshui 553004, Guizhou

Comment on "Fantastic Forage Vetiver Research and Application

"This bookGrass Science, 33(2) 2016 Wang Suomin, Cui Yannong) Lanzhou University College of Grassland Agriculture Science and Technology Gansu Lanzhou 730020

Steep slope roots in the Three Gorges reservoir area - Soil composite impact resistance

Journal of Ecology 36(16) 2016 Hei, He Binghui, Lian Caixia, Liu Zhipeng, Peng Shilei College of Resources and Environment, Southwest University, Chongqing 400715, China

Study on the Application of Vetiver Grass Protection Technology in the Lower Slope of Shaoguang Expressway Chinese and foreign roads 36 (6) 2016. Wang Lijun, Chen Qiang,

Wang Shiguang, Lu Yi China Road and Bridge Engineering Co., Ltd., Beijing 100011

Analysis on construction method of dam slope protection for water conservancy and hydropower project Heilongjiang Science and Technology Information 2016.5 2016

Lin Feng. Yilan County Water Affairs Bureau, Harbin, Heilongjiang Province, Yilan 154800, China

Analysis on construction method of dam slope protection for water conservancy and hydropower project Heilongjiang Science and Technology Information 2016.12 2016

Zuo Luo, Chen Ran Henan Water Resources Investment Group Co., Ltd., Zhengzhou, Henan 450002, China

Simulation study on adaptability of water level change in single-mixed planting of litter and grass in reservoir fallout Beijing Water Affairs 2016 Phase 1 2016 Li Jiansheng, Zheng Yuehua, Feng Ziyuan, Yang Xianjie. Guangdong Water Resources and Electric Power Survey and Design Institute Guangzhou 510635

Soil and water conservation measures for soil active organic carbon in red soil slopes

Effect of enzyme activity Journal of Soil Science 53(2) 2016 Huang Shangshu, Cheng Yanhong, Zhong Yijun, Huang Ouru, Sun Yongming, Wu Lin, Zhang Xinliang, Xu Yan Jiangxi Red Soil Research Institute, Jiangxi Jinxian 331717

Remediation of polycyclic aromatic hydrocarbons contaminated soil by beet and pasture intercropping. Journal of Agricultural Environmental Science 35(6) 2016 Wang Jiaojiao, Hu Shibin, Wei Liqiong, Chai Qinqin, Liu Jinbo, Wang Jiaying, Yang Wenxiao. College of Resources and Environment, Northwest A&F University, Yangling, Shaanxi 712100, China 1224008792@qq.com

A review of soil ecotoxicology research Environmental Research and Monitoring 29(4)

2016 Liu Min, Wu Huamin, Li Xiufeng, Xie Huimin Jiangxi Environmental Monitoring Center Station, Nanchang 330000, China

Effects of Stabilized Treatment of Arsenic Contaminated Soil on Plant Biomass and Arsenic Accumulation Journal of Eco-Environment, 25(9) 2016 Chen Zhiliang, Huang Ling, Zhao Shuhua, Sang Yanhong, Jiang Xiaoyu, Dai Yu, Wang Xin South China Institute of Environmental Sciences, Ministry of Environmental Protection, Guangdong 510655 Chenzhiliang@scies.org

Study on Single Pulling Friction Characteristics of Root-Soil Interface of Vetiver Grass

Jiangsu Science and Technology Information 2016.26 2016 Zhang Chunxiao, Chen Mingda

School of Civil Engineering and Mechanics, Central South University of Forestry and Technology, Changsha, Hunan 410004

Mechanical Experimental Study on the Principle of Soil Solidification of Vetiver Root System

Henan Science and Technology 2016.9 2016 Lu Zhengxun, Shi Xinwei, Li Shiwei. Henan Institute of Hydraulic Research, Henan Zhengzhou 450002

Study on the contact characteristics and resistance model of vetiver root system and soil

Journal of Water Ecology 37(4) 2016 Xia Zhenduo, Zhang Lun, Chen Yi, Xue Hailong Xu Wennian School of Civil Engineering and Architecture, China Three Gorges University, Yichang, Hubei 443002

Comparative study on restoration of eutrophic lake water by vetiver and windmill grass floating bed

Urban Environment and Urban Ecology 29(4) 2016 Long Wei, Zhang Hui, Xu Xiaojun Kunming University of Science and Technology School of Environmental Engineering Yunnan Kunming 650504 12508414@qq.com

Lateral expansion and direct shear test of vetiver grass for reinforcing expansive soil with different water content Chinese Journal of Geotechnical Engineering 38 (Supplement 2)

Zhou Cheng, Lu Yongzhen, Huang Yuehua State Key Laboratory of Hydraulics and

Mountain River Development, College of Hydropower, Sichuan University, Chengdu 610065, China

Study on Ecological Revetment Structure and Efficiency in Subtropical Rainy Area

Take Qianmen River as an example, Journal of Heilongjiang Ecological Engineering Vocational College 29(6) 2016 Tang Van Tai, Li Kuipeng, Tran Ngoc Binh, Nguyen Nhu Anh

School of Civil Engineering, Southeast University, Nanjing, Jiangsu 210096

Application Practice of Grass Planting Technology in Subgrade Slope Protection Chinese and foreign entrepreneurs 2016 Li Fulu Haidong Highway Engineering Construction Company of Qinghai Province, Haidong 810600, China

Root Characteristics and Fertilization Effect of Different Root Sizes of Vetiver Grass in Purple Soil Region Journal of Grass Industry 25(2) 2016 Hey, He Binghui, Lian Caixia, Liu Zhipeng

College of Resources and Environment, Southwest University, Chongqing 400715, China