

Vol.A: NETWORK ENGINEERING AND INFORMATION SOCIETY

The Development of E-city and Its Engineering Practice in Shanghai

Yan Junqi

The Research and Application of Concurrent Engineering Development for Automobile Products Based on the Platform of Auto-types in CIMS

Yi Jinggang, Yao Yongqiang, Liu Jiangtao, Xu Pengyun, Bai Qinghua, Gao Xiyin

Information Society: What, Why and How? Definition, Rationale, and Approaches

Zhong Y.X.

Configuration-based Reporting for Enterprise Applications

Ni, Q.F., Yarlaggadda, P. and Lu, W.F.

Extraction of the Fuzzy Rules about the Productivity Factor of China

Guo Haixiang, Li Jinling, Zhu Kejun

E-commerce in the Chemical Industry

Wei Jianhua, Liang Haihua

The Improvement of CORBA-based Workflow Management System

Liu Xiaofeng, Wang Xuping

Management Pattern of Developing for a Large Scale GIS Software Engineering Based on Enterprise Framework: Using the Case of DOSCIS

Bi, S.B., Lu, G.N., Xu E, and Chen J.M.

A Study on Technology Monitoring Based on Text Mining to Support Science and Technology Management

Yuan Junpeng, Zhu Donghua, Li Junfeng

Research on the Agent-based Logistics System Modeling and Simulation

Yang Hongqiao, Gan Renchu, Liu Yushu

Presentation of Public Video Switching Network of China Unicom

Tian Wenke, Li Xiaoming

Science, Education and Information in a Changing World

Professor Sergey P.Kapitza

Service of E-advertisement Delegation Platform

Sheau-Yu, Shen, Say Jau Chang, Chia-Lin Chou, Chuang Pai, Chi Shi Liu and San-Wei Sun

e-Government vis-a-vis Logistics Industry in the Hong Kong Special Administrative Region

Sou, G.

A New Kalman Filter and Its Application in GPS-based Vehicle Navigation System

Han, B.M.

A Deployment Paradigm for Reuse-based Software Development Process

Wang Shaofeng, Zhu Zhi, Han Junwei

Simulation in Semiconductor Manufacturing

Jiang Xinhua, Wang Zhongjie, Wu Qidi

A Rule-based Expert Fault Diagnosis System For Auto Wire Bond Machine

C.F.Tan, D.Sivakumar, M.H.Shafie, M.R.Osman, N.Ismail and A.Abdullah

Information Resource Integration for Electric Power Enterprises

Luo Chenglian

Developing Digital Aerospace to Build the Advanced Aerospace Corporation in the World

Yang Haicheng, Hou Junjie, Liu Haibin

The Hidden Benefits of Sustainable Systems:Sustainability as a Driver for Innovation

James Bradfield Moody

Effects of Pen Size on Human Performance on Hand-held Devices

Xiangshi Ren, Masafumi Ogasawara and Taishi Kato

Sustainable Management of Highly Complex Engineering Networks and Systems

David J Fisk

The Key Technology of 4G: MIMO-OFDM

Gong Chun, Chen Wei

A CORBA-based Approach for Conducting Trusted E-commerce Transactions

Bhawani S Chowdhry, Muhammad Y Sial

Research on Equipment Grid Platform for Resource Sharing

Wang Yuexuan, Liu Lianchen, Wu Cheng

National High-tech Research on Grid Technology in China

Qian Depei

The Design of a New Subsystem Based on PROFIBUS for Wide-area Sewage Quality Online Auto- monitoring System

Zeng Dehuai, Xie Cunxi, Jiang Liangzhong

Study on Network Communication of the Simulation and Online Assistance System of HTR-10

Zhou J. , Dong Y.J.

Comparison of Four Input Devices for Pointing Task by Applying SH-model

Jing Kong, Xiangshi Ren, Fumiaki Takeda

Investigating the Optimal Size of Handwriting Character Input Boxes:Do Users Prefer Rectangular or Square Boxes?

Xiangshi Ren, Taishi Kato

Building Digital Access to Biology Teaching Resources

Yolanda S.George and Linda B.Akli

A Dynamic Urban Taxi Management System Based on GSM Navigation Technology

Bian K., Han B.M., Chen W.J.

Defining the IT Curriculum: The Results of the Past 2 1/2 Years

Barry M.Lunt, Joseph J.Ekstrom, Edith A.Lawson, Reza Kamali, Jacob Miller, Sandra Gorka, Han Reichgelt

Comparison of Various Construction Schemes of Broadband Multi-service Platform

Gao Yun, Zhang Guanyuan

GPS:Emerging Technologies and Its Potential Applications in Civil Engineering

Santhi K.R., Senthil Kumaran G., Prof.V.K.Srivastava and Albert Butare

Collaborative Web-based Instruction in Engineering Education

Elleboudy, A.M.

Engineering of Web InfoMall:The Chinese Web Archive

Huang Lian'en, Yan Hongfei, Li Xiaoming

Addressing the Gender Gap in the Digital Divide:Highlighted Practices Worldwide

Suzanne G.Brainard, Ph.D. and Priti N.Mody

Women into IT:Non-traditional Pathways

Shirley M.Malcom, Jolene Jesse, and Yolanda S.George

Virtual Engineering Libraries and the Millennium Goals

William Rourke, Peter Greenwood, Karlson Hargroves, Iman A.Maaly and David Thom

CR-oriented Research on Complex PCM Modeling Based on PFSC for SP

Jiang, Z.Q., Feng, X.L., Zong X.W. and Ding, Y.C.

Unmanned ET Gravimeter Data Acquisition System

Zhang Xianlin and Zhang Cheng

The Long-range Analysis and Resource-sharing of Large-scale Electron Microscope

Xu, Zening, Zhang, Xiaojun, Yu, Xiaoguang and Wu, Guoyan

Design of Ad Hoc Network Architecture for Tactical Communication

Wang Haitao, Song Lihua

A Research on the Model of Service Quality for Web Server

Huang Guimin and Yang Minfu

Analysis and Design of Intrusion Detection Module Based on IPv6in Linux Kernel

Liu Chan and Li Zhihui

A New Lattice-coding Algorithm for Digital Signal Processing

Qian Zhengxiang, Yang Yi, Zhang Shenhao and Jin, Jicai

A New CDMA-based Multi-channel MAC Protocol for Mobile Ad Hoc Networks

Hai Jiang, Yun Gao, Guanyuan Zhang and Shixin Cheng

A Study on Web-based Multimedia Referral Patient Records Management

Chen, T.S. and Chung, W.Q.

The Application of Van der Pol Chaotic System in Secure Communication

Yang Fubao, Yan Xinping and Li Taosheng

The Technologies of Wireless Networked Smart Sensor-An Overview

Li-biao Tong, Wen-jun Lu and Jian Wang

A STEP-based Approach of Direct Slicing of CAD Models for Layered Manufacturing

Zhou, M.Y., Li, J.

Application of Remote Sensing Technology on Oil Field Environment Monitoring

Xiaoge Zhu, Wuyi Yu and Youyan Zhang

Base on CIMS's Enterprise Distribution Network Design

Tian Qing, Miao Lixin, Zheng Li, Xu Qingqing

Improvements of Genetic Programming

Wu, X.J., Luo, X.F., and Xue, H.F.

Deformation Analysis Based on Wavelet and Its Application in GPS Dynamic Monitoring for High-rise Buildings

Shengxiang Huang and Jingnan Liu

Development and Application of WEBGIS-based Oil Production Engineering Information System

Liu Jing, Liu Quan

Implementation of Spectrum Analysis Based on DDC & FFT

He, L., Zhang, X. and Qin, K.Y.

Requirement Analysis and Layout Design of the Clock Synchronization Network in Electric Power Communication System

Wang Zhi Ming, Gao Yun, and Zhang Frank

The Key Consideration of Designing a Universal Application Information Platform of the Third-Part Logistics Corporations

Yang Tianjun, Yang Xiaoguang

Technical Framework and Industrial Application of Steel Enterprise MES

YingJie Bi

Research and Development of Soft Data Bus in Enterprise Information System

Dingshan Li

Intelligent Control Method for BOF Steelmaking Process

TAO, J., CHEN, Z.G., QIAN, W.D, and Wang, X.

Applications of DGPS in Scheduling Rescue Vehicles for Traffic Accidents

Huang Tongyuan, Han Fengqing, Wang Yue and Shao Guifang

Design and Implementation of Combination of Hospital Outpatient Service System and Medical Insurance Charge System

Wang Xinghui, Gong Yincheng and Zhuang Yongzhi

A New Electronic Voting Protocol Based on the Schnorr Blind Signature Protocol

Zhan Li and Peng Liu

Swarm Intelligence and Its Application in BPR

Kang Qi, Wang Lei, An Jing, Wu Qidi

Application Study of Data Mining in the Network Education

Zhu Yangqing

In-flight Absolute Radiometric Calibration Experiment of CBERS-1CCD Sensor at Dunhuang Test Site

Guo Jianning, Min Xiangjun, Gu Yingqi, Wang Zhimin, Fu Qiaoyan

Supply Chain Inventory Control: Solutions and Methods

Liu Y.K., Zhang X.P., Miao L.X., Shi W.

The Study of the E-mail Marketing Strategies

Long Wen, Ou Jun

Research the Architectures of the Next Generation Network

Zhang Huanjiong, Xu Qianfang, Zhong Yixin

The Virtual Organization Model for Data Grid

Xie Chao, Jin Hai, Li Shengli, Wu Song, Hu Rong

A Study on an All-IP 3G Network Based upon Softswitch Technology

Zhang Xiao

A Novel Method of Face Modeling Based on Correlation of Phase and Feature

Xing Y.J., Pan Y., Sun J.

Multi-agent-based Multi-attribute Negotiation for Supply Chain Coordination in Large-scale Construction Project

Wang Y.W., Xue X.L., Li X.D., Shen Q.P.

The Research on Congestion Control Mechanism of Streaming Media Transmission in the IP Networks

Wang X.G.

A Practical Technology of Image Compression and Encoding in Telemedicine System

Liu Boqiang, Wang Mingshi, Li Yongsha, Liu Zhongguo

Investigation on Basic Framework of Integrated CAD/CAM/CAT System

Wen H.Z., Jia S.H.

Power Market Experiment Engineering Research

Ye Qing, Zhang Li, Shen Yujuan

Research on Technique of Intelligent Ultrasonic Pipeline Pig for Signal Processing

Dai Bo, Zhang Huiping, Sheng Sha, Xie Zhurong

A New Method to Cope with Geometric Data Loss of Tessellated Surfaces in CIM Systems

Dong-Yoon Lee, Su-Jin Kim, Hyun-Chul Kim, Sung-Gun Lee and Min-Yang Yang

Development of the Large-scale Computer Vision Coordinate Measurement Technology

Yu Z.J., Wang Q.Z., Ma J.W., Che R.S., Li Z.H., Li J.Z., Tian W.

An Approach for Auto Focusing Based on Image Analysis

Li Feng, Xu Peifeng

Rough Sets Theory Approach for Network Intrusion Detection Feature Selection and Model Generation

Zhang Lianhua, Yu Lang, Bai Yingcai

Agile-manufacturing-oriented Enterprise Management System and Its Application in Iron&Steel Supply Chain for Baosteel

Li Qingyu

The Study on Push-based Personalized Information Service Model and Its Application in Collaborative Commerce

Liu 1 Xinyu, Li Qingyu

Voice-over Internet Protocol Application in Statistics Service-Computer Aided Telephone Interviewing Systems in SIP Networks

Wong Io-Kuan, Guo Zhen - Sheng

A Car Black Box System

Calvin Lo, Io-Kuan Wong, Wei-Ji Chen

An Important Application of Internet for Organizing International Congress of Mathematicians

Jin Yafen

Future Sensor Network With Bluetooth Technology

Un Pok, Choi, Wei Ji Chen

Conversion Candidate Display Styles for Japanese Input on Input Efficiency

Kinya Tamura, Xiangshi Ren

The Role of Computer Information Security Education in China

Li Li, Zong Fujian, Li Xiuhua

Power Line Communication as a Means for Disaster Monitor Under Coal Mine Well

Wang Wenxing, Yang Gongxun, Wang Wenhua, Li Xiangzhen

Research Trend and Commercial Condition on NGN

Liu Min, Guo Caili, Feng Chunyan, Zeng Zhimin

The Study of Self-acting Diagnosis Methods of Oil-bearing Sand Impairment Type Based on Genetic-BP Amalgamated Network

Wang Xuefei, Xu Shaohua

Three Gorges Project Management System (TGPMS) & Its Applications

Jin Heping

Neural Network Fuzzy control Based on Clustering Analysis

Xin Zhibin

Tourist Platform Based on GSM in Macao

Baomin Han, Kai Bian, Weiji Chen

Vol.B: BIOLOGICAL ENGINEERING AND HEALTH CARE

A Survey of Road Traffic Injuries

Zhengguo Wang

Biomedical Engineering Applications to Modern Medicine

Frize M, Walker RC, Yang L, Herry C, and Catley

Physical Fields and Radiations of a Human: New Methods for Early Non-invasive Medical Diagnostics

Yuri V. Gulyaev

Role of Computational Biofluid Mechanics for the Prevention of Atherosclerosis

Verdonck P

A New Evaluation Technique of Metabolic Efficiency and the Application for Prevention and Cure of Diabetes

Jiang GT and Shang ZG

Mapping of Inner Thermal Field Based on Surface Temperature Distribution

Shan ZG, and Jiang GT

Mobile Base Station Transmitters Installations Arouse Human Health Concerns

Lloyd M, and Sesay S

Finding Keywords for Intergenic and Gene Regions for Human Genome Fkingtrhg

Qiao YH, LIU JL, Zeng CG, and Zeng YJ

Analysis for the Suspect Specific Epileptic EEG by Wavelet

Wang H, and Jiang GT

Application of Temporal Subtraction to Digital Chest Radiograph of SARS

Bai M and Peng MC

Analysis of the Spectral Texture Features Based on CT Images of Hepatic Fibrosis

Liu, X.L., Zhou, P., Li, X.D., Wang, L. and Tong, L.Z

The Application of High Voltage Static Air Purifier to Clear Dust and Kill Bacteria in Center Air-condition System

Zheng XH, Wang RZ, Xu XM, Jin XQ, Gu B, Chen Y, Zhao LP

Representation of Solutions by Mechanical Engineering for the Prevention and Control of Health-Problems Due to Lack of Exercise and Wrong Posture while Sitting

Gisela Schon

Simulation of Solute Transport in Extracellular Matrix

Li ZY and Wang W

The Stability of Nano Hydroxyapatite Sol Synthesized by Homogeneous Precipitation Method

Li SP, Bauer I, and Wang YF

Modeling Cell-substratum Adhesion: Molecular Simulation and Continuum Mechanics Approach

Fang, N., Xiao, T., Chan, V., and Liao, K.

Graft Copolymers of poly (D, L-lactide) Macromonomers and N-vinyl Pyrrolidone

Luo BH and Zhou CR

Tissue Engineering Materials:Injectable Hydrogel and Preshaping Porous Scaffold

Ding JD, Wu LB, Zhang H, Zhu W, Zhang JC, Jing DY, Duan SF, Wang Z, Graeter S, Yu L, Sun JG, Huang JH, Ji SC, and Zhang H

Studies of Chitosan Coatings Chemisorbed on Silicone Rubber via Silane Reactions

Ji SC, Shen X, Xu Z, and Gu Q

Synthesis of Collagen-GAGs Bioactive Matrices for Tissue Engineering

Ren L and Zhang QQ.

The Improvement of Blood Compatibility and Mechanical Property of Polyurethane in the Presence of Multiwalled Carbon Nanotubes

Meng J, Kong H, Yang ZB, and Xu HY

Simulation of Fluid-solid Interaction within Extracellular Matrix

Li ZY, Wang W and Parker KH

Hydrolysis of Dicalcium Phosphate Dihydrate to Hydroxyapatite Whiskers under Hydrothermal Condition

Wang YF, Bauer I, and Li SP

How to Develop Tissue Engineering?

Liu YG and Zhou CR

Evaluation of Medical Polyacrylamide Hydrogel using Flow Cytometry

Fan CX, Xi TF, Wan ZY, Kang Xx, Wang Yj, and Wang

ICA Application to Recovery Plasma Input Function from PET Dynamic Image

Huang XR, Zhou Y, and Bao SL

Low-intensity Ultrasound Induces Angiogenesis in Rats

Barzelai S, and Scheinowitz M

Development of an Extendable HRV Analysis Toolbox

Xie Yfang, and Zhang ZG

Detection of the R Wave Peak of QRS Complex Using Neural Network

Reaz Mbi, and Lee Sw

The Demand Model for Maintenance under Time Restrictions during Invalidation of Medical Equipment

Ge Y, Qian SS, and Deng HB

Exploration on the Classification Methods of Medical Devices

Yu Hong-Liu

Sustainable Development of Medical Device Industry in China: New Demands to Compound Talents of Physics and Medicine

Wang ZB, Bai J, Li FQ, Zhou L, Chen WZ, Yin NG, and Li J

The $f(a)$ Singularity Spectrum Analysis of the ST Segments of 12-lead ECG

Wang J, Ning XB, Xu YL, Ma QL, Chen Y, and Li DH

Future Key Technologies for Healthcare

Becks T, and Liess E

A Modeling and Linear Control to a Rotor in a Heart Pump

Chang Y, Wu SC, Liu YJ, Joeng HH, and Yang JH

Essential Healthcare Technology Package: A New WHO Methodology and Tool for Integrated Healthcare Technology Planning and Management

Heimann P, Issakov A, Chen J, Chen Y, Judd T, and Shereshevsky O

Circuit Design for Neural Signal Recording with Cuff Electrode

Wang HL, LüXY, Wang ZG, Wang YF, and Zhang, H

Applying of Hyperthermia in Limb Salvage Surgery for Bone Tumor

Fan QY, Ma BA, Zhou Y, Zhang MH, Shen WA, and Li Z

Real-time ECG Monitor-system Based on Embedded Ethernet Technique

Ma XF, Ning XB, Hong W, Wan HY, Hou FZ, and Wang LW

Non-invasive, Continuous Real-time Monitoring of Wrist Blood Pressure During Anesthesia and Operation

Lu WM, Sumei Zhang, Feng Xu, Heping Li

An Intelligent System for Experimental Waveform Review and Analysis

《CIMS 论文的天地》制作

Peng Y, Hu XG, Fan BL, and Yang ZB

A Detection System of the Pulse Wave Based on the AOTF Technique

Liu YL, Li G, Lin L, Wang Y, Li XX

An Algorithm for Automatically Detecting the Pulse Waveform of Radial Artery

Diao Y, Wu SC, Liu YJ, and Zhang S

The Application of SPC in Medical Equipment Quality Control

Deng HB, and Ge Y

Study on the Method and System of Noninvasive Temperature Estimation Using Ultrasound

Ren XY, Wu SC, and Zeng Y

The Leading Role of Engineers in Assuring the Medical-Electrical Equipment Safety

Lin YS, and Zhang J

The Method and Approach of Verifying the Dealers Qualification Via Internet

Wang M, and Ge Y

PC-based Multiparameter Monitoring System

Du FF, Wu SC, Bai YP, and Chang Y

The Electrocardiogram Tele-transmission System Based on Embedded Modem

Han XQ, Wu SC, Li ZJ, Zou B, and Chai JH

The Development of Embedded ECG Monitor

Hou LY, Wu SC, Du X, Bai YP, Chang Y

Design of Portable Cardiovascular Hemodynamic Parameters Detecting Instrument Based on μ C/OS-II Embedded Operation System

Du X, Wu SC, Hou LY, Chang

The Development of a Multi-Channel Speech Analysis System

Yang JM, Li YX, and Huang YW

An Intelligent System in Intravenous Anesthetics Based on ATmega128

Chen YK, Zhang XA, Zhang YW, and Lu YH

Hardware Design of the Anorectal EMG Biofeedback Instrument

Hong, Wei, Ning, Xinbao, Ma, Xiaofei.

The Construction Principle and Management Requirements of Etiological Microbiology BSL-3 Laboratory

Li Jinsong

Design of a Remote Manipulative Cardiac Pacemaker

Wang LW, Ning XB, Wan HY, and Li QG

1,4-Dihydropyridines as Gene Delivery Agents for Treating Gene Damages

Kristaps Mekss

Construction of Engineered E.coli system for the Overproduction of Soluble Heparinase I

Chen Y, and Xing XH

The Restructuring of Glycoprotein D of Herpes Simplex Virus 1 (HSV-1) for Cyto-reductive Therapy of Malignant Gliomas in Humans

Zhou GY, Kamiyama H, and Roizman B

Wrist Pulse Waveform Variability Analysis

Wang L, Xu LS, Wang KQ, and Cheng Shi

Determination of Spectrum Characteristic of Near Infrared Radiated by Indirect Moxibustion

Yang HY, Xiao YC, Liu TY, Gu XJ, and Xia JS

Healthcare Technology and Health Systems-Global Challenges and Response from a WHO Perspective

Issakov A.

Effective GIS-T Design Framework for Intelligent ITS Operations

Feng Y, Li SM, and Chang ECP

Digital Human Body—Human Body System Digital Science

Bi Siwen

Quality Assurance in Digital Medical Image Environment

Qi JW

An Splitting Algorithm for Touching Blood Cell Images

Wang WX, and Wu SY

A Java-based Teleconsultation System

Tang LH, Wang DJ, and Wang H

A Practical Technology of Image Compression and Encoding in Telemedicine System

Boqiang Liu, Mingshi Wang, Yongsha Li, Zhongguo Liu

An XML-based Framework for Heterogeneous Biomedical Databases

Wei WQ, Chen XW, Guo LS, and Zhang ZG

Wavelet Analysis of Brain Potential Induced by Transcranial Magnetic Stimulation in Cortex

Wang H, Yan SY, Yu CY, Yu QW, Zhao CH

Cell-molecule Amusement Park

Wan R

Vol.C: TRANSPORTATION AND SUSTAINABLE MEGA-CITIES

Risk Management—Now More Than Ever

Patricia D.Galloway, P.E., PMP., CPEng., MRICS

A Proposed Model for a Sustainable Engineering Consulting Firm

Gue, See-Sew & Tan, Yean-Chin

Comments and Suggestions on Advance in Science and Technology of Construction Cause from the Perspective of Sustainable Development

Prof.Wang Tiehong

Strategic Vision for the Transportation System of New Beijing

Quan Yongshen

Japan's Challenge for Reduction of Traffic Congestion and Accident

Eiki Aramaki

Transportation Strategies for Sustainable Mega Cities

Ata M.Khan

Out of the tunnel—Into the Future

Haro Bedelian

European Approaches to Sustainable Urban Transport

Mike McDonald

No Regret Land Use-transport Strategies to Meet the Foreseen Future Stages of Economic Development, Urbanisation and Automobiliation

Yoshitsugu Hayashi

Sustainable Development of China on Model of Urban Transportation System

Guo Chen, Kusayanagi Shunji

Urbanization in Developing Countries:Urban Centers Vs National Transportation Network;Case Study for Nepal

Padma Bahadur Shahi, Yoshitaka Aoyama, and Dai Nakagawa

Sustainable Development of Baotsteel Project Transportation

Wang Huaizhong

Dynamic Assignment Decision Model for Keeping order After Fluctuation

Chen Tao, Chen Senfa, Zhou Zhenguo

New Model for Traffic Roadway for Sustainable Mega-cities

Dong Guoliang

Research on the Benefit of One-Way Traffic Network

Pei, Y.L., Yi X.M.

Calculation of Urban Motor-vehicles Environmental Carrying Capacity and Its Application

Wei Zhenlin, Shen Jinsheng, Huang Ailing

A Sustainable Travel Modal Choice for Beijing: Policies and Strategies

Wu Haiyan, Liu Ronghui, and Zhang Rui

Dynamic Traffic Assignment Based on Travel Time Reliability

Xiong Z.H., Shao C.F., Xian K., Yao Z.S.

Transportation structure model for sustainable development in Beijing

Shi Jing, Yang Lang, Jiao Pengpeng

A "Gap Analysis" of the Management of Municipal Infrastructure in South Africa

Wall, Kevin

Public Transport For Sustainable Mega-cities in Developing Countries

Malini, E., Victor, D.J.

On New-type Urban Over-head Public Transit Network

Ren Hai

Research on R & B Trip Mode of Public Transit of Mega-cities in China

Wei Zhonghua, Wang Haizhong, Du Huabing, Ren Futian

Which Is Better? Steel or Reinforced Concrete Bridges: A Life Cycle Assessment-based Comparison

Joyce Jiehong Zhang, Paul Gauvreau

Transport System of for Eastern Region

Prof. Gennady P. Turmov

Development of Geotechnical Engineering in Malaysia—A Consultant's Perspective

Tan, Yean-Chin

Economic Evaluation of Grade Separation Schemes to Replace Signalized Intersections

V Thamizh Arasan and Somasekhar Sahoo

Design and Construction of Wanxin Bridge, China

Zhang Zhe, Teng Qijie, Qiu Wenliang, Chen Jun

Discussion about the Underground Transportation of the Numerical Underground City

Han Xuanjiang

To Intensify the Earlier-stage Management of Urban Road Construction Projects and Improve Investment Benefits

Hao Xuehua, Shang Quanli, Yang Haiying, Zou Nanchang

Concept Design of Urban Bridges

Hu Zhijian, Liu Hong, Xiao Qi

First BRT System in China, New Mode of Public Transport A rapid public transport system for the South Axial Road in Beijing

Liu Guisheng, Liu Yong, Liu Xuanyi

Sustainable Development in the Project Management of the Tsing Ma Bridge in Hong Kong

Ir Dr Lau, C.K.

The Key to Solve Beijing Traffic Problems

Lu Huapu

New Progress of the Monitoring Technology and Dynamic Design in Tunnelling

Ma Shiwei, Mei Zhirong

Technique of Comprehensive Geological Predication in Yuanliangshan Tunnel

Qi Chuansheng

Crosswalk Capacity at Signalized Intersection in Beijing

Sun Zhiyong

Application of Dual-pole Fuzzy Pattern Recognition Model to Bridge Engineering

Zhang Zhe, Wang Huili, Huang Cailiang, Shi Lei

Land Development Pattern of Public Traffic Priority—Transit Oriented Development

Wang Jingyuan, Wang Wei, Cheng Lin

Study on the Planning and Building of Metropolitan Integrated Passenger Hub

Kefei Yan, Ya Wen, Heping Zhou, Xu Cui

Design and Construction of Suspension Bridges Stiffened by pc Slab Girders in China

Hsu Gongyi, Shu Sili, Yang Jin, prof

The Structure and Sustainable Development of Urban Transportation Infrastructure

Zhou Jun, Liu Yisheng

Mine Method Constructing of the Jiaozhou Bay Subsea Tunnel in Qingdao

Zhou Shuming, Xiao Guangzhi, Wang Ning, Tan Zhiwen

The Application Research on Low-medium Speed Maglev Train for Beijing Capital Airport Rail Project

Zhou Zhengquan

Traffic Noise Model for Suburban Interrupted Flow

Pamanikabud, P.and Pali, K.

Study on Key Issues to Shanghai Highway Transportation Informatization and Intelligentization

Ruhua Zhang, Xiaoguang Yang, Qingfeng Wu, Cunbao Zhang, Sufeng Wu

Automatic Vehicle Classification Instrument Based on Multiple Sensor Information Fusion

Weiming Liu, Xueping Zhao and Youlong Wu

Basic Theory and Research Prospects of Experimental Traffic Engineering

Yang Xiao-guang, Sun Jian

The Method of Sub-area Static Decomposition of Traffic Signal Control System

Yu Quan, Shi JianJun, Ren Futian

Research and Application on Traffic Share Information Platform for Beijing-Tianjin-Tanggu Expressway

Dong Pingru, Shu Zhiqiang, Chen Haiyun, Wang Hao

Analysis of Traffic Noise on GIS

Tansatcha, M. and Pamanikabud, P.

Link Travel Time Estimation Based on Integration GPS-GIS

Keliang Ding, Xiaohua Tong Peng Chen, and JinziLiu

Research on Low-cost Beidou.Loran-C Navigation System for Land Vehicle Positioning

Liang Yong, Deng Fang-lin

Key Issues in an Integrated GPS-GIS Methodology for Travel Time Estimation

Tong Xiaohua, and Chen Jianyang

Shanghai Rail Cab—A Smart Traffic System for the Mobility of Tomorrow

Prof.Dr.-Ing.Jürgen Gausemeier, Prof.Dr.-Ing.Joachim Lückel and Dipl.-Wirt.-Ing. Christian Bruszies
3 MBA

Wind Tunnel Testing of Low Consumption Vehicle Consomini

Michel Perraudin

Development of Hybrid Power Train for Fuel Cell City Bus in China

Gao D.W., Jin Z.H.and Lu Q.C.

Modeling and Experiment of Coaxial Two-wheeled Electric Scooter

LI Hang, SUN Hou-fang, HAN Jian-hai, CHANG Chun-yang, LI Ji-shun, ZHOU Yan-wei

The Contemplation on Some Issues about the Jumping-development of Tianjin Railway Hinge

Qiao Yanhong, Zhu Zhiwu

Simulation Researches of Induction Motor Control Strategies for EV/HEV Applications

Chin K.J., Lu Q.C.and Gao D.W.

Review of R & D and Market Predication of Hybrid Electric Vehicle for Green Transportation

Liqing SUN and Jie CHEN

Optimization on Parameters and Analysis on Dynamics Performance of High-speed Electric Locomotive

Wang, K.Y. and Meng, H.

Application of Energy Conservation Technique and Noise Abatement in Rolling Stock

Zhang, Dahua Chen, Xin

The Design of the Cool Storage Transportation Container

Junying Zhang, Xuelai Zhang, Ai'qing Fu

Controlled Rectification and Steady Voltage Technology of Nd-Fe-B Permanent-magnet Generating Set on the Vehicle

Zhang Xueyi

Pedestrian—The Neglected Road User

Malini, E. and Victor, D.J.

Harmonious Combination of Traffic Capacity and Architect Art—Innovative Design of the 3rd Macau-Taipa Bridge, Macao

Xu Gongyi

Engineers, the Environment and the Society

MR.Hemant Laxman Deshpande

A Discussion on Personal Development related to Gross Sustainable Development (GSD) in Scientific Approach

Mr.Subhasis Basu, Department of Chemical

Humanized Traffic Environment Design

Guo Liang

Environmental Problem Caused by Urbanization

Yuheng Chen, Yong Zhao

The Application of CBERS Data in Disaster Monitoring and Environmental Protection

Guo Jianning, Li Xingchao

A Framework Design for Post-earthquake Emergency Resource Transportation

Liang, X., and Li, W.

The Study and Trend of the Technology of Accident Reconstruction

Ding Tongqiang, Li Jiang

The Study of Urban Road Traffic Safety System Sustained Development Evaluation Method

Yang Tianjun, Yang Xiaoguang, Pan Hanzhong

A Fuzzy Method to Real-time Forecast of Incident Queue for Incident Management System

Zheng Lili, Peng Guoxiong

Research on Investment Criterion on Transportation Facility

Chen Xiaoguan

Study on the Techniques of Exterior Wall External Insulation with Cast-in-place Concrete to Super High Residential Buildings

Hao Lai, KeMing Lai

Research on solidify P Stabilizer Reinforced Soil Performance

Peng Bo, Li Wenying, Dai Jingliang

A Experimental Study on the Creep Feature of High Performance Concrete

Su Jun, Jiang Cangru

Experimental Analysis of Shear Repair for Reinforced Concrete Beams with Prestressed GFRP Plate Bonding

Wang Xingguo, Zhou Chaoyang, Zeng Xiantao, Ding Ya-hong

Reuse the Used Dry Battery, Betterment the Earth Net of Electrical Power Substation

Luan guojun

The Energy SuperGrid

Grant, P.M.

Sanitary and Environmental Engineering:Relevance and Concerns

Asean Eng.Corazon de los Reyes Romero BSCE, BSSE, MSSE, F.PSSE

New Design Method of the Space-varying Rigidity and Iso-settlement on Group Piles—New Breakthrough of Pile Foundation Design

Xiangfu Chen, Wei Chen

Developing Intermodal Transit System and an Application in China

Jing Teng, Xiaoguang Yang, Ming Zhao

A Sketched Sustainable Transportation System Model

Jianquan cheng, Frank le Clercg, Loek Kapoen, Luca Bertolini

Vol.D: ENVIRONMENT PROTECTION AND DISASTER MITIGATION

Evaluation on Chemical Binders to Reduce Fugitive PM10 for Exposure Area

Yu-Min Chang, Chih-Mei Chou and Kuo-Tung Su

Distribution of Cadmium Species in Soils Related to GAP of Sichuan Produced Ligusticum Chuanxiong Hort and Glycine Max (L) Merr.As Potential Phytoremediation

Deng Tianlong, Liao Mengxia, Jia Minru

Study on the Regeneration of Waste Lubricating Oil by Extraction-Flocculation Method

Ding Fuchen, Yi Yufeng, Liu Duoqiang, Wang ying, Ji Dekun

Experimental Research on the Combustion Performance of Micronized Coal

Jin Jing, Fan Junjie, Chen Zhanjun

A Theoretical Solution to a Key Problem in the Designing of Low NOx Pulverized-coal Burners

Li Fengrui, Xiao Baolan

Study of The Production of Poly (Aluminum Chloride) from High Aluminum-containing Cement and Its Property

Li Fengting, Zhao Yan, Zhang Bingru, Li Xia

Influence of Sinter Raw Mix on Sinter Dust Emissions at Baosteel

Liu Yinghao, Sha Gaoyuan, Hua Fengqing

Research on Simulation and Structure Optimizing of MSW Compaction Device

Lii Chuanyi, Yang Xianhai

Difference between two-way-made activated carbons in microstructure and desulphurization capacity

Wang Nanfang, Hua Jian, Yin Huaqiang, Cheng Yan, Li Yuan, Huang Lihua

A Study on the Establishment of China's System of Environmental Report

Wang Jie, Sun Xiaocheng

Integrated Treatment—Optimum Choice for Municipal Solid Waste

Wen Yibo, Li Zihuang

A Study on the Character of Heavy Metals from Municipal Solid Waste Incinerator Fly Ash in China

Wang Wei, Wan Xiao, Ye Tunmin, Gao Xingbao

Solid Waste Management in Japan

Nobuo TAKEDA

Research on Technology of Plastic Separating from Domestic Waste

Yang Xianhai, Lu Chuanyi

The Living Wastes Sealed Completely, Negative Pressure, Attracting, and Concentration Processing Unit and Systems

Zhou Yinghan, Wu Jing

Research on Bacteria Removal from Waste Water by Using High Gradient Magnetic Field

Zong Yanbing, Mo Zhiying, Yan Yenan, Li Lijian, Cang Daqiang, Li Lingzhen

Use of Bioindicators as Early Warning System for Air Pollution Due to Automobile Exhaust Pollutants

Uma S.Gaikwad, Chandrashekhar D.Ranade and Jayant M.Gadgil

Desiccant Cooling and Dehumidification: A Sustainable Way of Heating Ventilation and Air Conditioning

Daou K., Wang R.Z., Xia Z.Z.

Selection of Sites for Location of Industries Using an Expert System

Kabbashi, A.N, Fakhru'l-Razi.A, Suleyman.A.M and Salamin M J.E

Solid Waste Management: Methods & Prospects

Er Ajay Kumar Agrawal, Mrs Mukul Mukherjee

Engineers, the Environment and the Society

MR.Hemant Laxman Deshpande

New Variant of Diesel Engine Modification with Porous Heat Activator.

Chae Jae Ou, Lee Dae Yup, Valentine Poutchkov, Yong-hwan Kwak

The Application of FEMLAB in Modeling Soil Vapor Extraction

Lian Zhao and Richard G.Zytner

Shifting Paradigms of Environmental Management in the Manufacturing Industries

Dr M.P.Sukumaran Nair

Interaction Effects of Hydrogen Sulfide and Ammonia on Anaerobic Digestion of Swine Manure

Hongde, Zhou, Prudence, W.Cheung and Roger Hacker

Grey Water Recycling System for a Community of 404 Houses

Ricardo Gasca, and Juan Luis Gasca.

Bioremediation in the Management of Hazardous Wastes

Srinivasan S.V and Murthy D.V.S

Bacterial Degradation of Distillery Effluent Enhanced the Phyto-remediation Potential of *Spirodela polyrrhiza* (L.)

Tarun Gupta., Ram Chandra, Seema Singh and Yogendra K.Gupta

Utility of Photocatalytic Titanium Dioxide

Wataru Inamoto

Enhancing Degradation Process of Toxic Wastewater with Immobilized Biotechnology

Lei Yutao, Luo Jianzhong, Xu Ming

Experimental Study of Organic Wastewater Treated by Two-Phase Anaerobic

Li D.W, Yin, G.Z, LiQ

Combination of Activated Carbon Fiber Adsorption with Electrokinetics for Drinking Water Purification

Li Fuzhi, Zhang Xihui, Zhu Shuai

Chemical Acid Removal Technique for High Naphthenic Acid Crude Oil

Li Shihong, Zhang Zhichuan

Prediction of Vapour Pressures of Dioxin Congeners

Li Xianwei, Etsuro Shibata, Eiki Kasai, Takashi Nakamura

Technology of CDQ Residual Heat Reclamation and Its Application in Baosteel

Liao Libao

Composting Technology for Municipal Solid Waste Treatment in China

Liu Hongliang, Xi Beidou

Development and Cost Analysis of MBR for Wastewater Treatment and Reuse in China

Zheng Xiang, Liu Junxin

Study on a New Process for Treating Polished Wastewater

Luo Jianzhong, Xu Ming, Lei Yutao

Recovering of CO from Yellow Phosphorus Tail Gas with the Pressure Swing Adsorption Process in the Lower Pressure Range

Ping Ning, Wang Xueqian, Hans-Jorg Bart, Youchang Xie and Hao Yang

Design and Research of Incinerator for Medical Wastes of Infectious Diseases

Qian Huiguo, Yuan Anmin, Qi Yuefang

Cleaner Production and Circular Economy-new Strategy for Environment and Development

Qian Yi

Design and Calculation of a Novel Coal-bed Gas/Air Automatically Mixing Control Unit and Its Application

Qiao Anping, Gao Feng, Li Yunqing

Research and Development of Insoluble Sulfur at Present

Qiu Zumin, Xie Fengxia, Xie Xinliang

Research of Agricultural Utilization to Steel Slag

Ren Yusen, Zhang Hongwei, Gu Deren

A Study on the Movable Domestic Garbage Disposal Device in the Reservoir Area of Three Gorges

Song Fuzhong, Li Shuqing, Qi Chaoshu, Zhong Lina, Wu Yichun

Analysis for the Removal Effect of Dissolved Organic Matters of O₃/BAC Process from the View of Molecular Weight Distribution

Wang Li, Gao Naiyun, Zhu Bin, Dong Bingzhi

Development of Landslide Controlling Technique in China

Wang Gongxian

Cyanide-Removing Treatment of Washing Water from Large Blast Furnace Gas

Wang Guanghua, Yan wen

Nickel-catalyzed Carbonization of Coal Tar Pitch to Produce Electromagnetic Shielding Material

Wang G.H., Li Y.C., Chen F.F. and Suzuki T.

Degradation Model of Phenol and Concentration of OH Based on TDE Treatment Method

Wang Lizhang, Yang Yanwu, Zhang Yanqiu

Removal of Toluene Vapor in a High Performance Biotrickling Filter

Wang Liping, Wu Guangqian, Zhou Min

Biosorption of Reactive Brilliant X-3B by Dried Activated Sludge

Wang Xuejiang, Zhao Jianfu, Xia Siqing, Chen Ling

The Contamination of Polycyclic Aromatic Hydrocarbons (PAHs) in a River

Wang Zhansheng, Liu Guangquan, Lin Renzi, Sun Weilin, Deng Hao, Huang Huaizeng

Research on Rotary Granular Bed Deduster for Removing Dust by Fluidization

Wang Z.L., Kang C.

Indoor Air Quality Evaluation Methods in Rural West China

Wei Quanyuan, Dong Renjie, Xiao Junhua, Shi Zhengxiang

Pilot-scale Application of a Nitrifying Suspended Media Bioreactor in Treatment of Micro-polluted Potable Water

Xia Siqing, Xu Bin, Hu Chenyan, Gao Tingyao, Gao Naiyun

Preparation of a Novel Morphology Nano-fibrous Catalyst for Olefin Hydrogenation

Yu Jianxiang, Liu Taiqi, Zhao Shaochun

Research on Environmental Load of the Product Life Cycle

Yuan Anmin, Qian Huiguo

Studies on Circulated Utilization of Calcium-Desulfurizing Agents Mainly Composed by Industry Waste in Desulfurization of Sinter Gas

Zhang Chengzhong, Liu Lizhong, Meng Jie, Xu Liang, Du Liwei, Wu Jitian, Liu Zhongcheng

Optimization of operational parameters in a submerged membrane bioreactor

Zhang Chuanyi, Yuan Limei

Study of Cyanobacterial Control By Ultraviolet Irradiation

Zhang Guangming, Ma Bozhi, Wu Minsheng, Wang Bo

Study on Mutagenicity of Drinking Water for City

Zhang Jin ping, Xu Zu xin

A New Anti-surge Control System of Turbo-compressor

Zhang Junbao

AAO (Anaerobic/Anoxic/Oxic) Process Modeling Based on Artificial Neural Network

Zhang Yan, Wang Lei, Huang Manhong, Li Yongmei, Gu Guowei, Wu Qidi

Sustainable Landfill-Recycling of Aged Refuse in Closed Landfill

Zhao Youcai

Study on the Nonaqueous Cleanliness Dyeing Technology by Supercritical CO₂

Zheng L.J., Ma D.X.

Exploration and Practice for a Comprehensive Solution to Pollution of Lift Noise and Vibration

Zhuang Jiajie

Approach to Air Quality Improvement: Necessity of Improving Fuel Quality for Clean Emission Vehicles

Akio Yasuda, Toshiaki Tanaka and Yukihiro Tsukasaki

Recent Trends in the Use of Membrane Processes to Produce High Grade Industrial Water from Municipal Effluent

S.Mcguigan, G.Leslie, P.Sham

The Design and Application of a Pulse-jet Baghouse Equipped in the Dust Removal System for a Dry-extinguishing Coke Process

Hu Xueyi, Bo Yiyun

Deformation Analysis for the Deep-seated Rockmass in the Ship-lock Slope of the Three Gorges Project

Guo Zuojie, Cao Guangjing, Yu Sanda

Risk Assessment Based on Prospect Theory for Groundwater Protection

Chia Shun“Rocky”Shih, G.Alberto Arroyo and Anna M.Doro-on

Environmental Aspects of Radioactivity Risks Originated From Electrical Nuclear Activity

Lerner, G.L.S.

Environmentally Sustainable Business Through Innovative Technology

David Palermo

Evaluating Environmental Risks Under An Expert System In Major Construction Projects In Puebla-Mexico

Pedro, María-Sánchez

The United Nations Human Development Index and Safety at Work

Cezar Benoliel

TGP and Environmental Impact Assessment

Dai Huichao, Wang Rushu

Optimal Selection of Ecological Engineering Techniques in Regional Environmental Planning

Guo H.C., Liu Y., Wang L.J., Fan Y.Y.

Impact Evaluation of Qinghai-Tibet Railway Construction on Plateau Eco-environment

Hou W.H., Wang J.C., Wang X.Z.

A New Recognition of Stability of the Slope of Cut

Jiang Chenguang, Wang Jiming, Jiang Zhongping, Pan Jiren, Wang Zhaowen, Pan Yueming

Entironment Benefits Analysis of the Comprehensive Development and Reconstruction on the Upper Reaches of the Hai River in Tianjin

Huang Haoyun, Li Juan

A Study on Engineering Treatment of Abnormal Geological Hazard Problem in Seti River Site of Nepal

Li Yusheng, Wang Shitian, Xu Qiang

Study on the Soil Background Values in Shanghai Chemical Industry Park

Li Yuqing, Zhao Jianfu, Chen Ling

Study on the Comprehensive Safety Assessment of Rock and Soil Fill Dam by Using Fuzzy Evaluation

Peng Hui, Wang Congfeng, Zhang Zhenhua

Current Situation of Radiation Safety in China

Shang Zhaorong

The Design of Zhangjiajie's Environment Safety Management Information System

《CIMS 论文的天地》制作

Tang Yunsong

Analysis of Future Water Quality in the Huangpu River, Shanghai, Using Developed Two-dimensional Mathematical Models

Xu Zuxin, Yin Hailong

Principles of Sustainable Forestry Development in Yellow River Delta Region

Zhang J.F., Xing S.J., Zhang X.D., Zhou J.X., Xi J.B., Song Y.M.

Supervision of Radioactive Source in China

Zhou Qifu

Pollution Characterization, Prevention and Control Strategy/Approach for Ambient Air Particulate Matter in Northern Chinese Cities

Tan Zhu

The Current Status of Research on Health Impact of Electromagnetic Radiation

Ph.D Xu Zhengping

The Study of Risk Management and Risk Assessment

(Mechanical Engineering) Shinichi Toyama Member of The Institute of Professional Engineers, Japan

The Evaluation for City Greening Land Construction to Mitigate the Heat Island Effect in Shanghai

Ding Jincai, Ye Qixin, Zhao Hongmei

The Research and Prevention of Debris Flow Disaster along Chinese Railways

Wei Hong, Li Chaoan, Shen Shouchang, Tan Bingyan

Prediction and Disaster Analysis on Shiliushubao Landslide Mass in Three Gorges of Yangtze River

Meng Yongdong, Tian Bin

Stability Analysis and Treatment for Expressway in Karst Area

Wang J.C., Hou W.H., Wang X.Z.

A Tropical Cyclone Center Locating Technique using Satellite Imagery

Yao Zuqing, Yang Yinming

Environment Protection and Disaster Mitigation

A.K.M.Khurshidul Anwar

Engineers' Role Towards Disaster Management

Engineer Mumtaz Hussain

Parametric Modeling for Natural Disaster Mitigation and Management

Prof.Pavan Totla

Small Satellite Constellation and Its Performance for Disaster and Environment Monitoring

Prof.Bai Zhaoguang, Prof.Yu Dengyun, Dr.Yang Fang

Study on the Entering Reservoir Water Quality Recovery Technology in Huangbai River Drainage Basin

Cai Yizhou, Peng Hui, Tian Bin, Liu defu

Coupled Seepage and Stress Fields in the Xietan Landslide at Three Gorges of Yangtze River

Chai J.R., Li S.Y.

Technology and Prospect of Chinese Seawater Resources Utilization

Du Bilan, Hou Chunyang

Ruins on Dams by Earthquake and Countermeasures in China

Gao Jianguo, Jia Yan

Work for Earthquake Resistance and Earthquake Disaster Prevention in the Three Gorges Projects

Hu Xing'e, Wang Yongxi

Development of the Systems Engineering for Reduction Geological Hazard

Huang Zhenping, Xiao Qingzhu, Zhao Jinping

A Risk Assessment of Ecotoxicological Effects of Pesticides on Aquatic Environment in China and Beyond

Li Xueqin, Jin Songheng, Xu Ligen

Slope Engineering and Associated Anchoring Technique in Construction of Expressways in Mountainous Areas of Fujian, China

Liao Xiaoping, Zhu Benzhen

The Image Analysis of Discontinuity Spacings Distribution in Rock

Liu Minghao, Wang weixin, Jin Wenbiao

The Assessment and Analysis of The Damage Caused by TC and the Countermeasures of Disaster Control

Lou Liyin, He Jing

Functions & Effects of Non-woven Cloth in Matrix Protection of Ecological Restoration Projects of Barren Land

Lou Zhiping, Xu Ligen, Lou Chengcheng, Tan Yifan, Huang Chengyi

Photocatalysis Degradation for Aniline in TiO₂/Bentonite by UV Irradiation

Lu Weiqi, Zhang Jun Ming, Liu Yilu, Chen Xin, Kuang Juzhi

On the Application of GEG Technique to Erosion Prevention of the Soil Slopes along Long Distance Pipelines

Wang Hong, Liu Xiaofeng

Meteorological Satellite FY-1 and Its Applications

Wang Jinhua, Dong Yaohai

Life Housing

Wang Qingchun, LI Ziming

Discussion of Comprehensive Appraising Methods of Regional Ecological Environment

Wang Wanbin, Zhang Kunshu and Kang Zuowen

The Effects of Plant Species Diversity on Stability, Hydrological Processes, Aesthetic Value, Vegetation Maintenance, of Slope
Eco-engineering

Wang Zhenhong, Mu Biao, Yang Jiansong

Technique for Roof-turf Establishment and Management

Xu Ligen, Qin Bocai, Li Xueqing, Ma Boying

Typhoon Disaster Impacts on Public Safety of Shanghai and Its Mitigation Strategy

YangQiuzhen, XuMing, DuanYihong, YingMing

The Disappearance of the Wetland on the Periphery of Hohhot Having the Influence and Countermeasure on the Ecological
Environment

Yi Shuran, Yi Qiusheng

The Plastic Solution for Built-in Depth of Pile with Prestressing Anchor in Landslide

Zhang Jun, Men Yuming, Chen Zhixin

A Case Study of Debris Flow Mitigation of No.3 Valley at Shitou

Cheng-Sheng Chang, Kelvin K.S.Chou, Shun-Min Lee

Case Study of Damage Distribution in Southern Hyogo Prefecture Earthquake and Application for Urban Earthquake Disaster
Prevention

Kouji Ishikawa and Feng Shaokong

Ocean ice forecasting services for safety of maritime transport

Pentti M Ikki

The forecast and warning of disastrous weather in China

YAO Xuexiang

Ecological Treatment Technologies of urban rivers

Xu Zuxin

Vol.E: AGRICULTURAL ENGINEERING AND FOOD SECURITY (disk2)

Agriculture and Food Security in China in the New Period

Academician Lu Liangshu

Food Security and Safety:The Role of Agricultural Engineering

Bill A.Stout

Population and Food Production:Prospects and Challenges for Asia

Gajendra Singh

ICT Evolution and Technology Innovation for Sustainable Agriculture

Wang Maohua

The Factors Influencing the Creation and Management of Sustainable Russian Agriculture

Prof.Boris Aleksandovich Runov, Prof.Yarji, Fedorovich Lachuga

Analysis of Development and Strategy for Agricultural Information Technology

Prof.Mei Fangquan

Fishery, Sustainable Development and Ecological Economy

Zhou Yingqi

Reputation Crisis and Binary Structure of Food Eco-labeling in China—How Do They Shape Business Model of Organic Food Companies?

Meng Juanjuan

Organic Farming—An Approach to Agricultural Sustainability and Food Safety

Li Debo

Engineers and Sustainable Food security—Challenges and Prospects

Engineer Mumtaz Hussain

The Agricultural Extension Education:Paradigm Shift, Curriculum Response

Mehrdad Otroshi

Agricultural Mechanization Strategies and Chances in Shanxi Province after China Joined the WTO

Feng Feiyan, Guo Yuming, Qin Gang

Renewable Biomass Technologies for Energy and Material

Kitani, Osamu, and Roy, Kingshuk

Phytotechnology:A New Mechanisation System for the Information Age

Simon Blackmore

Wireless Sensors in Agriculture and Food Industry—Recent Development and Future Perspective

Zhang Naiqian, Wang Ning and Wang

The Application of Fuzzy Logic in Programs for Mastitis Detection in Dairy Herds

Kaufmann, O., Koehler, St.

Environmental Wastewater Treatment and Reuse in the Egyptian Desert

Ahmed El-Araby, Essam Wassif

Eco-friendly Rubberized Cotton Fabric Roller Development for Cotton Roller Gins

Dr.G.Vijayan Iyer

Engineering Innovations for Precision Agriculture in ILARS at University of Illinois

Lei Tian

Monitoring National Food Security Using Satellite Remote Sensing

Yang Bangjie

Influencing Factors of the Content of Ammonia Nitrogen in Anaerobic Fermentation Slurry Produced from Pig Dejecta

Zhang Quanguo, Fan Zhenshan

Research on Biological Enzymatic Degumming Technology for Kenaf Fiber

Zheng Laijiu, Du Bing, Huang Xiubao

Study on the Rhythm of Thermoregulatory of Growing Pigs Housed Individually within a Humid and Warm Environment

Wang Kaiying, Coen M Hogenboom, R.Geers

Research on Cylinder Electrostatic Seed Separating Machine

Kang Min, Yu Denyuan

The Development of a New Type of Magnetic Field Sensor Used for Detecting Magnetic Marks

Zhang Bin, Chen Zhiqing

Overcoming Environmental Problems Utilizing Microbial Amendments in Organic Wastes

S.P.Yadav

Oil Palm Resources Exploitation and Utilization—A Malaysian Experience

Wong Keng Chew, Boyd Linjungan and Chan Chew Kong

The Agrometeorological Service of the Weather Online

Xiefei Zhi, Joachim Klassen

Rehabilitation of the Natural Resources Conservation Service Small Watershed Dams

Arthur M.Brake, P.E.

Agro-bioenvironmental Engineering and Control Technology—Facility Horticulture of Georgia

Kajga Nadiradze

The Design of Controlling Algorithm for 4WAD Robot Based on Electromagnetic Navigation

Yu Shufeng, Zhang Bin

Development of Robotic Packing System for Cucumber

Zhou Zengchan, Long Zhiqiang, Bu Yunlong, Wu Jianhong, Zhu Yongwen

Design and Application of Animal Shed Environment Intellectual Control System

Zhang Xiaowen, Yang Renquan, Cheng Cunren

Developing Photosynthetic Model for Greenhouse Lettuce

Hu Y.G., Li P.P., Wang X.H.

Review of Designs of Screen Filters Applied in Micro-irrigation System

Liu Zuoxin, Liang Haijun, Yin Guanghua, and Li Guifang

Application and Development Trends of Quarantine Greenhouse

Yang Renquan, Zhou Zengchan, Wang Gang, Tian Zhen

Study on the Network Platform of IT Application in Production and Business Management for Agriculture Enterprises

Liu Shihong

Research and Development of XR-BZQ Suction Spore Trap

Xia Ling, Zhang Xiuhua

Development of a Compact Mountain Orchard Grass Mower

Dong Xiaoying

Traceability of Food Products the Role of Engineering

Yoav SarigIn cooperation with

Ensuring Food Safety for the Entire Food Chain

Dr.Yen-Con Hung

Traceability and Certification in the Feed and Food Production Chain

Stepken, A., Gerbl-Rieger, S.and V lkening, M.

Suggested Procedures for Applying Carbon Dioxide (CO₂) to Control Stored Medicinal Plant Products from Insect Pests

Mohamed Youssri Hashem

Chinese Food Safety and Process Control on Food Chain

Li Huailin, You Anjun

Study on Energy-saving and High Performance Technologies for Storing Fruit and Vegetable

Li Lite

Effects of Elevated CO₂ on Processing Quality Characteristics of Two Winter Wheat Genotypes under CGC Experiment System

Bai Li-ping, Tong Cheng-feng, Lin Er-da, Yang Li, Rao Min-jie, Lu Zhi-guang

Biomechanics Analysis on the Lodging Resistance of Wheat

Ying Yan, Guo Yuming

Elimination of Nitrofurans from Tissue of Food-producing Animals by Electron Irradiation

Liu Zhitao, Zhang Huayi

Investigate the Water Soluble Pectin of Peach by AFM during Controlled Atmosphere Storage

Yang H.S., An H.J., Feng G.P., Li Y.F., and Lai S.J.

Effect of High-voltage Electrostatic Field (HVEF) on the Post Harvest Quality and Relative Conductivity of Cucumber

Dan Yang, Li Lite, Zhang Gang

Characterization of Microorganisms in Producing Natural Fermented Rice Noodles

Lu Z.H., Li L.T., Min W.H. and Tatsumi, E.

Experiment and Study on Mechanical Shaping Technique for Credit Tea

Tian Boping, Sun Qiumei and Wu Dongsheng

Effect of High Energy Ultrasound on Pericarp Browning and Storage Quality of Harvested Litchi Fruit.

Huaqiang Dong, Yueming Jiang, Jianbo Huang, Lichao Lin

The Application of Transglutaminase in Yoghurt

Ma Wei, Jiao Yue-Hua, Zhang Lanwei

Survival Rate Influence Shock Treatment to Intestinal Probiotics during Freezing

Li Chun, Zhang Lanwei

Development of Monitoring and Traceability System for Pork Production

Xie Jufang, Lu Changhua, Li Baoming, Wang Lifang, Shi Yong, Xue Qikui, Li Baosheng

Fluidized Bed Drying Kinetics of Osmo-dehydrated Blueberries

Dong Quan, Michèle Marcotte, Chen Zongdao

An Experimental Study of Hard Roasted Millet Processing Technological Parameters

Du Wenliang, Tuya

Postharvest Handling and Storage of Loquat Fruit

Lin Hetong, Chen Shaojun, Xi Yufang, Lin Jiaofen, Zhao Yunfeng

Study on the New Coir-based Medium for Soilless Culture:Physical and Chemical Properties

Wang Jun, Zhu Guopeng, Huang Hongkun, Liu Shizhe

Tissue Distribution and Residue Elimination of Oxytetracycline in Grass Carp (*Ctenopharyngodon idellus* L.)

Zhang Qizhong, Li Xuemei, Hu Kai, Zhu Xiangwei

Use of Wood Vinegars in Hydroponic Lettuce Production

Chen Jie, Xu Zhihao, Xu Lihong

Techniques of Keeping the Ginger Sauce in Good Stability and Fresh Color

Zhang Shuping, Qiu Jinyuan, Wang Tao, Wang Chunhua, Chen Shunsheng

The Psychrotrophic Bacteria from Raw Milk and the Lipase Characters

Ren Jing, Wang Fang, Zhang Lanwei

Vol.F-A: RESOURCES AND ENERGY (disk2)

Environmental Aspects of Radioactivity Risks Originated from Electrical Nuclear Activity

Lerner, G.L.S.

Sustainable Mineral Development—Meeting Global Minerals Hunger in the New Millennium

《CIMS 论文的天地》制作

Ajoy K.Ghose

On Sustainable Development of Nonferrous Metal Mineral Resources in Yunnan Province in China

Li Zhiqun, Chen Yaoguang, Li Weizhong, Zheng Qing'ao, Wang Weixian

Metallogeny of the Hierarchical Metallogenic System of Metallogenic Provinces—a Metallogenic System of Sustainable Supply of Solid Mineral Resources

Pei Rongfu, Li Jinwen, Mei Yanxiong

Machine Vision of Froth in Mineral Processing

Wang Weixing

Mineralization of Oilotic Sulfide and its Relation to Submarine Exhalation Pulsation in Middle Proterozoic in East Hebei

Xia Xuehui, Yan Fei, Yuan Jiazhong

How to Be a Good University Research Engineer

Li Zheng

Make Use of Forest Resource Legally and Promote Continuous Dealing with Forest Resource

Li Jihui

Forest Eco-tourism Development and New Growth of Economy

Wu Zhi-wen

Biomass and Energy Production of Casuarina Equisetiofolia Plantations in the Southeast of China

Zhang Qinghai, Ye Gongfu, Lin Yiming

Some Remedial Measures to Face Future Water Crisis

A.JAGADEESH

Management and Construction of the Three Gorges Project

Cao Guangjing, Dai Huichao

A Study of Marine Mechanical Vapor Compression Desalination Plant

Chen J.Z., Li G.H., Wu G., Huang S.Y.

The Three Gorges Project and Its Eco-environment Protection

Chen Yongbo

TGP Achieved its Targets and China West Resources Sustainable Development

Dai Huichao, Yin Tingwei, Li Jun

Research on the System of Digital Monitor.Control and Dispatching for Water Resource

Ding Jie, Cao NianHong, Li HouJun

Sustainable Use of Water Resources—Indian Experiences

Er.G.L.Rao, Dr.S.Nagabhushana Rao, Er.N.Eswarappa

Selection of Urban Flood Control Standard by Flood Frequency and Economic Index

Gong Jinjing, Lian Jijian

Economizing On Water Implementing Quantitating Management for Enterprise Water Use Quota

Jing Xiangquan, Liu Jirong, Lu Xianzhong, Tang Zuhua, Li Shiming

Rain Water Harvesting for Ground Water Recharging—A Case Study of Delhi, the Capital of India

K.B.Rajoria, V.K.Sharma, and Subhash Chandra

Solution Suggested for Achieving Tianjin's Sustainable Development of Water Resources

Li Huijie, Li Shugen, Wang Jian, Zou Nanchang

The Cascaded Dispatching Automation System of the Three Gorges

Li Xiaobin, Xiao Ge, Li Yonghong, Yao Feng, Liu Yu, Xiong Guangya, Wang Yanjie, Huang Chunlei, Zuo Zhenlu

Comment on Torricelli's Vacuum Pipe Flow

Lin Weiyi

The Relationship of Water Resource Utilization Between the Middle Route of South-to-North Water Transfer Project and the Middle and Lower Basins of the Hanjiang River

Liu Bingjun, Shao Dongguo

Development and Utilization of Water Resources in Jinsha River Basin

Liu Zuxiong

A Comparative Study of PAR and SARIMA Models and Their Performance in Seasonal Flow Forecasting of the Ganges River

Mohammad S.Mondal, Saleh A.Wasimi

Ballast Water Separator Performance for Solid Particulate Removal

Omar.O.Badran and Mazen.M.Abu-Khader

Impropriety and Conservatism:Calculation Methods for Soil Nail Forces for Retaining and Protection of deep Pit

Peng Liangquan

Indirect Reuse of Wastewater for Drinking by Restoring a Lake, (Including Mitigation of Methane in Anaerobic Treatment) which was Fed with Untreated Wastewater Using Combination of UASB Reactor and Natural Purification Systems with Mitigation of Green House Gas-A Case Study of Madivala Lake in Bangalore

D.N.Ravi Shankar, Dr Venkataraman, M.N.Thippeswamy, S.M.Ramakrishna

An Investigation of the Franchising Option for Water Services in South Africa

Wall, Kevin, and Davis, Archer

Component Disassembled Forecasting Method of Hydrologic Time Series Based on Maximum Entropy Spectra Analysis (MESA)

Wang Dong, Zhu Yuansheng, Pan Shaoming, Zhu Qingping, Wu Jichun

Analysis for the Removal Effect of Dissolved Organic Matters of O3/BAC Process from the View of Molecular Weight Distribution

Wang Li, Gao Naiyun, Zhu Bin, Dong Bingzhi

Technical Breakthroughs in the Construction of TGP

Zhang Chaoran

Groundwater Sustainability in the Northern of China

Zhang Guanghui, Fei Yuhong, Nie Zhenlong, Shen Jianmei, Wang Jinzhe

Optimal Sustainable Designs for Onsite Sewage Treatment

Anna M.Doro-on, Chia Shun"Rocky"Shih, and G.Alberto Arroyo

Effects of Water Stress on the Nutritional Changes in Maize (Zea mays) Grains

Bai Liping, Sui Fanggong, Ge Tida, Yang Li, Lu Yinyan, Zhou Guangsheng

China's Safe Culture Construction and Systematic Science of the Earth

Guo Chunqing, Wang Hongtao

Estimating Rangeland Cover and Yield Using Digital Data in the Arid and Semi-arid Areas

Hossein Arzani, Gordon White.King and Borus Forster

Efficient Analysis on Soil Water Conditioner of Zeolite in Loess Soil

He Xiubin, Huang Zhanbin

Unveiling Wealth Creation Mystery——A Fundamental Shakeup in Economics

Hong Ngit Ming

Rural Poverty Alleviation and Sustainability by Valorisation of Rural Wastes—A Case Study in India

Dr.M.P.Chowdiah, Dr.M.Chowde Gowda

The Use of Soil Surface Properties in Rangeland Capability Assessment through Landscape Function Analysis

S.A.Rezaei, Robert J.Gilkes, David Tongway and Hosain Arzani

Study on Sustainable Use of Land in Hebei Province of China

Shang Yanrui, Wang Wei

The Security of Development and Utilization of Karst Rock Mountains in Guilin City

Wang Hongtao, Zeng Honghu

On Urbanization and Soil and Water Loss in Urban Areas

Wang Jinjian, Xing Xianshuang, Li Xuele, LiuXia

On the Index System for the Land of Coal Mining Goaf Developing-Utilization Potential Assessment

Wu Lixin, Jiang Yun

Popularization of Land Science and Technology

Xu Jian

Improving the System of Sustainable Land Resources Use and Administration

Li Yao

Study on Cultural Technologies and Salt-resistance of *Nitraria sibirica* in Coastal Areas with Serious Salt-affected soil

Zhang J.F., Xing S.J., Zhou J.X., Zhang X.D., Xi J.B. and Song Y.M.

Land Acquisition System Reform in China——Problems & Answers

By Zhang Xiaoling

A Preliminary Study on Economic Development and Protection of Land Resource

Zheng Weiyuan

Analysis on Change of Cultivated Land Area and its Countermeasure of Sustainable Use in Sichuan Province

Zhou Jieming Peng Wenfu

Low Temperature Separation and Dry Gas Transmission

Chen Zuoli, Tang Xiaoyong

Present Situation and Prospect of Development of China Oil and Natural Gas Industry

Dong Xu

Key Technology Prospects for CNPC in the Early 21st Century

Fang Chaoliang, He Yanqing, Wang Jingmei

Technology Approach and Measures for Sustainable Supply of Oil and Gas Resources

Hou X.R., Liu G.H., Liu S.C and Liu Y.X

Research & Application of Fluid Percussion-rotary Drilling Technology in Oil & Gas Well

Hu Guoqing, Xu Xuejun, Zhang Wenhua

The Current Situation and Prospect on the Chinese Oil Steel Pipe

Ji Lingkang, Li Helin

Technical Study of Horizontal Well Used for Low Permeability and Abundance Oilfield Exploitation

Shengzhu Ji, Jian Zhang, Xitao Wang, Zhao Dongmei

The Integrated Application of Seismology and Other Related Technologies in the Exploration and Exploitation of Daqing Peripheral Oilfield

Luo Zhonghua, Kang Dequan, Yao Zhenzhen, Gao Xingyou, Yang Zhisheng, Peng Chenwen, Ji Baojun, Han Xianghui

The Horizontal Directional Drilling Construction of China Petroleum Pipeline

Lei Zhangbin, Liu Yanhui, Guo Qingquan

Horizontal Well Drilling Technology of Multi-steps Thin Gas Reservoir

Li Dengqian, TanPing, Tuo Boming

Development Direction of Pipeline In-line Inspection in China

Li Liyun, Jiang Xiaohong and Fu Guiying

The Effect of Microfractures on Hydraulic Fracturing Treatments in Low Permeability Reservoirs

Li Peichao, Wu Zengzhi, and Song Zhenyun

Chemical Acid Removal Technique for High Naphthenic Acid Crude Oil

Li Shihong, Zhang, Zhichuan, Yuan Dong

Research on Gather Power Seismic Source of Petroleum Seismic Prospecting

Li Wenbin, Yang Dongmei, Wang Xiaoming

Implementing Resource Replacement Strategy to Achieve Oilfield's Sustainable Development

Li Yang

Drilling & Completion Technology of Underground Gas Storages in China

Liu Fei, Liu Yanping, Wen Qinghe and Dong Deren

Research and Application of High-precision 3D Seismic Comprehensive Interpretation Technology

Liu jun, Lu jun, Qin Wenming

Chinese Oil Saving Economy and Oil Supply Security

Liu Keyu, Shan Weiguo

Study on Synthetic Process of PEN.I.:Optimization on the Transesterification Process of DMN with EG

Liu Naiqing, Qiao Qian

Method for Calculation of Porosity in Fractured Igneous Rock Reservoir

Luo Li, Yao Shengxian, Xiong Fujun

Promoting Sustainable Development of Oil and Gas Resources in Western China by Advancing Geophysical Technologies

Qian Rongjun

Design and Calculation of a Novel Coal-bed-Gas/Air Automatically Mixing Control Unit and Its Application

Qiao Anping, Gao Feng, Li Yunqing

Methods of Natural Gas Reservoir Identification and Evaluation in Erods Basin

Qin X.Y., Xiao L.Z. and Zhang Y.Z.

Strategies of High Profitable Development for Low Beneficial Gas Reservoirs in Shandong Province

Sheng Ruyan, Zhang Zonglin, Li Lei

The CPP in Innovation and Development

Su Shifeng

Pore Geometry Influences Water Flooding Efficiency of Sandstone Reservoir in Daqing Oilfield, Songliao Basin, Northeast of China

Sun H.Z., and Wang Y.X.

Improving Light Products Yield, an Important Way to the Sustainable Development of Petroleum

Sun Lili

Matched Processing Techniques of Commingled Production of Sets Lower Rich and Permeable Layers

Wang Dejin, Zhu Xiufeng, Hou Weiqian

Oil Shale—Prospects Of Assistant Energy Out Of Petroleum

Wang Guangyu, Li Ruihong, Wu Chenglong, Wang Junliang

Researching & Testing of Casing Drilling Technology

Wang Li, Zhang Fengmin, Zhang Jinan, Yang Ligu

Fluid Type Identification in Fractured Reservoir

Wei Bin, Zhang Fengshan, Lu Yuzhou, Yang Huizhu, Zheng Junmao

Sustainable Development of SINOPEC's Catalysts and Processes for Xylenes, Styrene and Acrylonitrile Production

Xie Zaiku, Yang Weimin, Wang Rongwei, Guan Xingya

An Efficacious Method of Increasing The Success Ratio of Exploration for Lithologic Oil Reservoirs—A Case of Odors Basin

Xin Zhengwen, Li Jingqun and Sun Hu

Welding Technology and Equipment in West to East Gas Pipeline Engineering

Xue Zhenkui, Yang Tianbing

Study on High-effective Development of Low-amplitude, Thin Interbedding, Edge-Water and Bottom-Water Reservoirs in Luliang Oilfield

Yang Shengzhen

A Type of ABS Resin with Special Purpose

Zhang Chunying, Liu Lihong, Wang Shuo

Development of Newtype Downhole Choke and its Application in Oil and Gas Wells

Zhang Jinde

Cause of Casing Damage and Detection Technology in China

Zhang Y.Z., Xiao L.Z.

OTA Technology for Full-Range FCC Gasoline Sulfur Removal and Olefins Reduction

Zhao Leping, Fang Xiangchen, Hu Yongkang, Guo Hongchen

Challenges and Technical Strategy of China's Oil and Gas Field Development

Han Dakuang

Development of Oil and Gas Pipelines in North East Asia

R.Kandiyoti

Preparation of Ethylene from Waste Polymer by Catalytic Pyrolysis

Wu Derong, He Kun and Ma Zifeng

Renewable Energy and Hydropower

Yeh, C.H.

The Application of Parabolic Trough Technology under Jordanian Climate

Omar Badran

Ballast Water Separator Performance for Solid Particulate Removal

Omar.O.Badran, Mazen.M.Abu-Khader.

Design of a Novel Adsorption Refrigeration Truck Air Conditioner Driven by Exhaust Gas

K. Wang, J. Y. Wu, F. L. Kong, L. W. Wang

Solar Assisted Heat Pump Systems for Residential Use

Kuang, Y.H. and Wang, R.Z.

Substitutes for Hazardous Substances Mentioned in RoHS Directive

Li Xiaoxin and Zhu Dongsheng

Solar Adsorption Ice Maker and Water Heater Hybrid System Using Heat Pipe and Flat Plate Dual Collector

Luo H.L., Wang R.Z., Dai Y.J

Studying of HTAC for Very Low Heat Value Gas and Regenerative Burners Structure

Rao Wentao

Preparation of a Novel Cooling Phase Change Material Based on Sodium Sulfate Decahydrate for Protective Clothing

Shi Qisong, Liu Taiqi, Chu Jinfang, Li Tanqiu, Yang, Donghui

Estimating Solar Absorptance of an Open Water Pond

Tang Runsheng, Xia Chaofeng

The Practicing and Study on the Recovery and Utilization of the Coal Gas in the Beitai Steel Corporation

Tao Ziyu, Zou Changding

Design, Construction and Operational Aspects of Paddy Husk Fired Furnaces for Drying and Entomological Activities

Upul Kumara MAS, Wijayarathne LKW, Senanayake DP and Palipane KB

Triple SHREE—need of the Hour for Planet Earth

Venkateswara Rao Pulugurta

Study of Adsorption Ice-maker Driven by the Exhausted Heat of Diesel Engine

Wang S.G., Wang R.Z., Wu J.Y., Wang L.W.

Design of Hybrid Energy System of Solar-powered Air-conditioning and Floor Heating in Ecological Building

Zhai X.Q., Dai Y.J., Wang R.Z., Wu J.Y., Xu Y.X., Deng L.H.

A New Discussion on Gravity Field—Gravity is the Most Abundant, Environment-protecting, and the Cheapest New Energy in the Earth

Zheng Guojun

Development and Innovation of Systematic Energy-saving Technology in Baosteel

Dr.Zou Kuan

The Application Of Shallow Hydrogeothermal Energy In Areas Of Low Enthalpie

Klaus-Dieter Balke, Yan Zhu

Vol.F-B: POWER AND ENERGY (disk2)

The Construction of the Three Gorges Project and the Sustainable Development of China's Economy

Lu Youme:

Development Tendency and Prospect of Clean Coal Technology

Dr.Tohru Sema

Impact of Clean Air Regulations on German Power Stations

Helmut Weiler

Dry Cooling—the Best Support for Water Saving

Dr.Raimund Witte

Modern Steam Turbines for Ultra Supercritical Steam Power Plants

Deckers, M., Wichtmann, A. and Ulm, W.

Gas Turbine Application and Technology Development in Power Generation Systems

Alan Walker

800MW Supercritical Coal Fired Boiler Technology in China Suizhong Power Plant

Zou Haifeng, Li Zhishan, Liu Zhongqi, Yan Hongyong, Zhang Yuanliang, Wang Lei, SuiZhong

Application of Wet FGD Technology in Power Plants

Hu Xiuli

Desulphurization of Flue-gas and Utilization of Its Byproducts in Thermal Power Plant

Wang Qi

Seawater Desalination, Prospering Industry of the Twenty First Century

Zhang Jianli

Ice Thermal Storage Technology in DHC

Ye Shuiquan, Fan Qing

Ancillary Evaporative Cooling System of Direct Air-cooled Power Station

Zeng Miao, Ye Shuiquan, Chen Yonglin, Li Xiongfeng, Dong Xingjie

Brief Discussions about Recovery of Sulfur Resources from Desulfurization

Xiao Youguo, Liu Jing

Energy-saving Applications of the Three-level Inverter

Yang Zhiyong, Zhao Zhengming

Strategies for Power Industry Growth: X Sustainable Development with New Technology

Lin Cunzeng

The Strategic Study on NO_x Control of Fossil-fueled Power Plants in China

Wang Siyong

Strategy of Pumped Storage Power Station Development in Deregulating Environment

Peng Quangang, Su Wenbin

Ultra-supercritical Coal-fired Power-generation Technology is the Preferential Choice for China to Develop Clean Coal Technology at Present

China Power Investment Corporation

Flue Gas Desulfurization Development in China Coal-fired Power Plants

Liu Yi, Du Yungui, Wang Fangqun

Situation and Future of De-SO₂ and De-NO_x Technologies Applicable to China's Coal-fired Power Generations

China Power Investment Group Company

Research and Application of Hot-air-ignition for Pulverized Coal Boiler

Beijing Guo LiNeng High-tech Co., Ltd

Main Measures for Sustainable Development in China Datang Corporation

Chen Jilu

Water Conservation and Materials Protection in Power Plant

An Hongguang

The Operation and Improvement for Homemade Good-sized CFB boiler

China Datang Corporation

Design and Operation for the Direct Air-cooling Unit in Yungang Power Plant

Li Sanhu, Zhang Jibin

Experience Introduction of Heze Power Plant 300MW Unit CCS

Hou Dianlai, Hu Haopeng, LüShengli

Discussing Significance on Developing Large Scope Direct Dry Cooling Unit in China

Wang Xiuying

Control Technology of Fine Particles in Flue Gas and Application of Fabric Filters in Thermal Power Plants

Xiao Baoheng

The Research on Wastewater Treatment, Reuse and Zero-discharge Technology in Thermal Power Plants

Zhu Fahua, Xiao Ping, Xu Zhiqing, Wang Sheng

IGCC and Future Electric Power

Xu Shisen

NO/N₂O Formation and Destruction Mechanism and an Experimental Study Regarding the Effects of CO on NO Reduction Reaction with Char-C

Jiang M.H., Gao H.P., Wang Y.M.

Green Coal-based Power Generation in the Future

Jin Langchuan

New-type Industrialization and the Development Trend of the Electric Power Industry and Power Generation Technologies of China

Wei Shirang

Application and Development of Wastewater Reuse Technique in Thermal Power Plant

Yang Baohong, Wang Zhengjiang, Wang Jing, Xu Zhen, Jiang Qi

Analysis on Problems Affecting Automatic Control of Circulating Fluidized Bed Boilers (CFBB)

Wang Shaoshan

Study on Reliability Growth Model Verification and Prediction for Coal Mills of Coal-fired Power Plant

Zhang Yong, Cao Xianchang

Researches on A New Automatic Measuring System for the Boiler Cold Test and Relative Methods

Zhang Qing, Wang Xianfeng

Application of Plasma Ignition Technology for Pulverized Coal Boiler in Power Plant

Zhang Xiaoyong, Wang Yupeng, Tang Hong, Liu Peng

Application of Neural Network in Optimizing Operation Parameters of Power Plant

Ma Liquan, He Wanqing, Kun He

Coal Cleaning Technology and Power Development in China

Jin Donglai, Xu Hong, Cui Zhiqiang

Deregulation in Japanese Energy Sector and Its Technology Trends

Mr. Tetsui Suetoshi

Speeding up Nuclear Power Construction to Realize Sustainable Energy Development in China

Wang Binghua

An AC/DC Real-time Simulation System and Its Applications in Studying China Southern Power System

Hong Chao, Rao Hong, Klaus Bergmann, Franz Karlecik Maier, Marcos Pereira

Power Application of High Temperature Superconductivity

Hou Bo

Implementation of PWM Control in VSC-based HVDC Power Transmission Systems

Peng Ling, Ruan S.Y., Li G.J., Sun Y.Z.

Comparative Assessment of Alternative Electricity-generating Systems in China: Under the Background of Electricity Deficiency

Zhang Shuwei, Liu Deshun

Design and Assessment of PSS with Sound Adaptability as System Expanded from Local to Nationwide Interconnection

Zhu Fang, Liu Zenghuang, Zao Hongguang, Chu Liu

The Key Factor to Guarantee Power Grid Safety of China—Preventing the Large-scale Pollution Flashover

Su Zhiyi, Fan Jianbin, Li Qingfeng

A Modern High Power Electronics Laboratory for FACTS and HVDC Equipment

Tang Guangfu, Zhu Jialiu, Wen Jialiang, Zha Kunpeng, Yang Xiaonan

The Steady State Performance Analysis and Simulation Model of Static Synchronous Series Compensator

Zhao Jianjun, Guo Jianbo, Zhou Xiaoxin

The Development & Implementation Experience of Cpri EMS/SCADA Systems

He Jiang, Zhou Jingyang, Wang Wen, Fu Shutu, Pan Yi

Strengthen the Research on Reliability Evaluation of the Electric Network and Recovery of the System- wide Disaster of Large Electric Network

Lin Han, Xu Ting

Study and Application of Ace Regulate Policy Based on Control Performance Standard

Lin Jinghuai, Hu Binqi

Research on AC/DC Hybrid System Stability in China Southern Power Grid

Jing Yong

The Applications of Guangzhou Pumped Storage Power Station (GPS) in Guangdong Electric Power Grid

Liu Guogang, Liu Yong, Tang Yusheng

An Improved Neural Network Method for Solving Economic Load Dispatch in Power Systems

Yuan Xiaohui, Yuan Yanbin

Research on Portable Protect Gaps for Live Work and Insulation Coordination

Hu Yi, Wang Linong

Control of a new 500 kvar Static Var Generator

Chen Tong, Xu Xianming, Wang Heping, Wang Xiaohong

A Security Assurance Architecture for Electric Power Information System

Yu Yong; Lin Weimin; Yu Gang

Constructing a Unified Communication Resource Platform for Power Enterprises

Yang Wenqing, Zheng Yi

The Development of New Series Microprocessor-based Protective and Monitoring Device

Wang Shanxiang, Li Gang, Zhou Shaoliang, Deng Feng, Zhang He, Liu Hui

Comparison of Various Construction Schemes of Broadband Multi-service Platform

Gao Yun, Zhong Guanyuan

A New CDMA-based Multi-channel Mac Protocol for Mobile Ad Hoc Networks

Jiang Hai, Gao Yun, Zhang Guanyuan, Cheng Shixin

Soft-switch-based Next Generation Power Communication System

Bu Xiande, Guo Jinghong, Gao Yun, Zhang Guanyuan

A Fast Load Shedding Algorithm Based on Integral Sensitivity

Bi Zhaodong, Wang Jianquan, Han Zhenxiang

The Current Situation and Prospect of Live Working Technologies for Power Networks Maintenances

Lu Shouyin, Li Bingqiang

The Application of Automatic Generation Control (AGC) in East China Power System

Wang Dexing, Yang Libing

Application of Wide Area Measurement System in East China Power Grid

Zhang Qiping, Cao Lu, Li Gang, Cen Zonghao

Study of Increasing 500kV Transmission Line Capacity of East China Electric Power Grid

Zhang Qiping, Qian Zhiyin

Development of Microcomputer-based Relaying Protection in China

Yang Qixun

Study of the RTDS Application in Yangcheng Huaiyin TCSC Project

Zhao Xueqiang

To Develop State Diagnosis for Electric Power Equipments and Raise Reliability of System

Cao Xiaolong, Xu Yang, Zang Zhenbo, Liu Fang

Minimize Leakage of SF₆ Gas by Online Monitoring

Wang Chunming, Luan Kaining, Liu Hongbo, Li Ying

The Construction Mode of Rural Distribution Automation and Applications of Improving Reliability and Saving Energy

Su Shengxin

Installing Integrated Energy Systems in the United States

Ronald J.Fiskum

Digital Real-time Power System Simulator—ADPSS

China Electric Power Research Institute

Development of PLC Technology in China

Liu Jianming, Cui Wei

Information Resource Integration for Electric Power Enterprises

Luo Chenglian

Device Object Model on the Computer Supervisory Control System for Substation

Zhou Yefei, Ding Jie, Wang Yang, Chen Ailin

Research on the System of Digital Monitor/Control and Dispatching for Water Resource

Ding Jie, Cao Nianhong, Li Houjun

Application of Double-tube-socket Pneumatic Conveying Technology for Ash Handling System in Chinese Power Plants

Li Xiangyang

Design and Test of Damping Systems for Optical Ground Wires

Shen Qingfang, Wang Xufeng, Zhang Ye

Drawing-resistance Experimental Research on Influencing Factor of Bearing Capacity for Stub-angle- inserted Transmission Line Tower Foundation

Lu Xianlong, Cheng Yongfeng

The Lightning Fault Quick Location and Its Application

Zhao Wenguang, Zhang Ping, Wu Weining, Wu Xia, Zhang Qin, Chen Jiahong, Wen Yinping

Analysis of the Lightning Location System Calculation Precision

Wu Weining, Zhao Wenguang, Chen Jiahong, Zhang qin, Zhang Ping, Zhang Ruifang, Wen Yinping

Prospect and Expectation of the Development of UHV Transmission Technology in China

Wan Qifa, Wu Weining, Chen Yong

Electromagnetic Disturbance Phenomena in 500kV Substation

Wu Xiong, Zhang Guangzhou, Sun Zhusen, Hao Yuguo

Transmission Tower Testing Station in China

He Changhua

Scientifically Looking upon the Environmental Impact of Power Transmission Lines;Sufficiently Attaching Importance to Informational Propagation for the Public

Yang X.C.

A Comprehensive Simulation Training System for the Regional Power Network

Jiao Jin, Ding feng, Jiang Yong

Transformer Winding Video Probe Technology and Application Research

Liu Lianrui, Ma Jixian, Liu Shaoyu, Wang Heng

Future Palm Energy Supply Micro Combustion Engine

Wang Wen

Survivability and Emergency Control of Electric Power Systems in a Market Environment

Nikolai I. Voropai

The State of the Art of Electric Vehicles

C.C.Chan

Technology Development Trends in the Field of Power Transmission Controls

Andreas Matthé

Optimal Reactive Power Planning Considering Contingencies

Li, F., Chebbo A.

An Electricity Market Operation System Suited to Multiple Operation Models

Song Yanmin, Cao Rongzhang, Yang Zhenlin Hu Jun, Tu Mengfu

Research, Development&Deployment of NAS Battery Energy Storage System

Yoshiharu Tachibana

The Energy SuperGrid

Grant, P.M.

Environmental Aspects of Radioactivity Risks Originated From Electrical Nuclear Activity

Lerner, G.L.S.

High Efficient Steam Turbines for Advanced Nuclear Power Plants

Wichtmann, A., Ulm, W. and Feldmüller, A.

Energy for the Poor—A Priority of Developing World

Pradeep Chaturvedi

Study on the Clean Power Generation in China

Fu Rong, Deng Jianli, Bai Jianhua

The Current Status of Wind Power Developments in China and Abroad & the Wind Power Development of Longyuan

Yang Xiaosheng, Yuan Yuqi, Gui Bo

The Thinking of Tianjin Developing Wind Power Generation

Yin Lifeng, Bao Jingling, Yang Jing, Shi Zhiling

Design of Cylindrical Blade with Involute Contour

Yan Jing, Bao Yan

EDF Nuclear Fleet Evolution and Perspectives for Renewal Regarding the Public Acceptance

Didier Cordero

Nuclear Energy and the Future: Security, Supply and Sustainability

Romney B. Duffey

Stator Frame Distortion: Living with Alkaline Aggregate Reaction (AAR) on the Concrete Structures of Hydro-electric Dams; A Case Study of at Kpong Hydroelectric Station, Ghana

Johnson Hlordjie

Optimizing the Use of Water Resources at Hydroelectric Stations: A Case Study of Akosombo Generating Station, Ghana

Ing Johnson Hlordjie

Successful Performance of the Demonstration Plant of a Seawater Pumped-storage Power Plant

Tani, J. and Kashiwayangi, M.

3D Nuclear Reactor Simulator—An Application of Monte Carlo Simulation Techniques

Hussain Hyder Ali Khowaja, Mohd. Noman Saeed

Vol.G: ECOLOGICAL MATERIAL AND GREEN MANUFACTURING (disk2)

Crossing "Environmental Mountain"—On the Increase and Decrease of Environment Load in the Process of Economic Growth

Lu Zhongwu, Mao Jiansu

Dioxins and Recycling of Resources—I Fundamental Studies on Recovery of Resources and Energy in Consideration of Dioxins Formation

Katsukiyo MARUKAWA; Shigeta HARA, Hirotohi KAWABATA, Hideki ONO-NAKAZATO, Tateo USUI, Toshihiro TANAKA; Hongzhi Shi

A DEA-based Method for Evaluation of Product Green Degree

Liu Yingping, Gao Xinling, Lin Zhigui, Shen Zuyi

Life Cycle Assessment of Disposable EPS Fast Food Container and Comparison of Waste Disposal Scenarios

Lin Fengchun, Yang Kai

The Development of D&I Tinplate in China Based on Its Developing Technical Route in Europe

Wu Jun, Zhang Shiyun

Development of Ultra-fine Grain Steel with Good Comprehensive Properties in BX Steel

Jin Yuegui, Du Linxiu

Preparation of A Novel Cooling Phase Change Material Based on Sodium Sulfate Decahydrate for Protective Clothing

Shi Qisong, Liu Taiqi, Chu Jinfang, Li Tanqiu, Yang Donghui

High Performance Concrete—An Effective Solution for Sustainable Development of Infrastructures

Huang Pengfei, Xie Xiaoyun

Development of Environment-friendly Emulsion Coatings for Interior Wall

Zhang Liping, Zhang Qibin, Lin Zhu, Wang Xueying, Qin Yanlong

Green Engineering Material Choice by Using Seven-star-cobweb-chart Assessment Method

Xing Xizhe, Wang Lijun, Zheng Junhua

Promote Metallurgical Enterprises to Develop Continuously by Means of Effective Recovery and Utilization of Converter Gas

Zhao Chunmin, Li Xingyun, Pan Gagnon

The Challenges of Industrial Ecology in the New Century

Chan C.C.

Following the Way of Sustainable Development to Construct a Green Anshan Iron and Steel (Group) Corporation

Kang Fuping

The Hidden Benefits of Sustainable Systems:Sustainability as a Driver for Innovation

James Bradfield Moody

Some Strategic Problems on Green Manufacturing Practice

Liu Fei, Cao Huajun, He Yan

Development and Application of Advanced High Strength Sheet Steel for Auto-making

Zhu Xiaodong, Ma Zhaohui, Wang Li

National Research Council of Canada:Managing Innovation within a Framework for Sustainable Development

Fu, G.Z., Chan, A. and Minns, D.E.

Economic Theoretical and Quantitative Analysis on Effectiveness of Voluntary Agreements:A China Case Study

Huang Y.N., Guo Z.R., Zhang T.Z., Wang X.J.

Shifting Paradigms of Environmental Management in the Manufacturing Industries

Dr M.P.Sukumaran Nair

Research on Environmental Load of the Product Life Cycle

Yuan Anmin, Qian Huiguo

Investigations for an Automotive Life Cycle Engineering and Business Model

Holzhauer, R., Tiemann, R.C.

Toyota Green Manufacturing Activities

Ando, K. and Higuchi, M.

The Transformer Short-circuit Test and the High Power Laboratory in China—the Past,Present, and Future

He Yiyan, Wang Maosong

On the Structural Optimization and Clean Production in China's Steel Industry

Su Tiansen

Ecological Material and Green Manufacturing: Design and Technology for Metalworking Fluid Systems

Steven J. Skerlos, Kim Hayes, Peter Adriaens, Julie Zimmerman, Fu Zhao

Developing Pattern and Authentication System of Green Housing for Sustainable Development

Wen H.Z., Jia S.H.

Recent Development in Corrosion Resistance of Steel for Society

Cao Lijun

Green Manufacturing—New Strategy of Sustainable Development in Modern Petroleum Machinery Manufacturing Field

Yan Yonghong

Financial Appraisal System of Recycling Economy-oriented Enterprise

Wang Jie, Piao Hefu

Reputation Crisis and Binary Structure of Food Eco-labeling in China-How Do They Shape Business Model of Organic Food Companies?

Meng Juanjuan

The Research on the Metallurgy Enterprise Equipments Management Mode

Zhang Jiheng, Lu Zhongde

The Joining of Advanced Materials—New Challenge for Green Manufacturing

Wladyslaw K. Wlosinski

New Ideas of Development for Green Coaxial Pipeline Centrifugal Compressor Train Driven by High-Speed Variable Frequency Motor

Lu P.F., Dai J.Q., Ye D.F.

Green Manufacturing Techniques Used in Aluminum Alloy Profile Processing

Ying Ceo

Modeling and Experiment of Coaxial Two-wheeled Electric Scooter

Li Hang, Sun Houfang, Han Jianhai, Chang Chunyang, Li Jishun, Zhou Yanwei

The New Technology in the Automotive Industry by Using Tailor Welded Blanks

Qi Yan

Reuse the Used Dry Battery, Betterment the Earth Net of Electrical Power Substation

Luan Guojun

A Study of Environment-friendly GT-SC32 Epoxy Powder Coating

Wang Xueying, Zhang Qibin, Qin Yanlong, Zhang Liping, Lin Zhu, Xu Cuizhu

Study on Dyeing and Finishing Performance of Polycarboxylic Water-soluble Sulfur Black Dye on Cotton

Wang Wenli, Zhang Shufen, Yang Jinzong

Speed Regulation of Induction Motor Using Sliding Mode Control Scheme in Baosteel Heavy Plate Mill Electrical Equipment

Pei Ruilin, Cao Yusheng, Wang Yue, Hua Yahan, Yuan Xingzhong

Research on Forming Principle and Technological Application of Variable-data Rolling

Liu Junying, Liu Hongzhao, LüChuanyi

The Effect of Electric Pulse on Improving the Castings' Solidification Structure

Li Lingzhen, Cui Heng, Zong Yanbing, Cang Daqiang, Mo Zhiying

Studying of HTAC for Very Low Heat Value Gas and Regenerative Burners Structure

Rao Wentao

Study on Building a Prototype of Robot Used RV Reducer

Li Wei, Li Xia, Tang xiuying

Development of Steel LZ50 for Railway Vehicle Axle Billet at Benxi Iron and Steel

Chi Xiubin, Liu Chunming

The Optimizing of the Annealing Process of 05CuPCrNi

Kong Fanxin, Kang Haijun

Process Development and Practice Operation for Special Steel Production by Converter

Yan Fengyi, Tiao Liqun, Zhang Guiyu, Wang Rongwu

The Application of IC Chip Technology on the Electromagnetic Induction Lamp (Electrodeless Fluorescent Lamp)

Wang Baotong, Long Q.

Chitosan-Green Scale Inhibitor Used in Cool Recycle System

Kuang Juchi, Kuang Ruihu, Wu Rongxiu

Application of Negative Pressure Preheating on Tundish of Continuous Casting Machine

Cheng Nailiang, Zou Junsu, Chen Zhiping

The Study Condition of Heavy Rail's Straightening and Residual Stress

Song Hua, Fu Lihua, Xu Zening

Study on a Kind of Design System for Green Manufacturing Process

Jiang Z.G, Zhang H, DuQ.H

Prepared of Low Wear Rate 80 alumina Ceramic by Aluminosilicate Refractory Waste

Zhong Lianyun, Wu Bolin, Zhang Lianmeng

Reinforcement Mechanism of High Performance Soil Solidified Agent

Zhou Tonghe, Zheng Juanrong, Wu Jie

A New Green Environmental Light Source:HY Induction Electrodeless Fluorescent Lamp

Li W.D., Long Q., Zhang Q.L., Wang A, Q., Chen Y.M., Zuo C.L., Chen D.H.

Solutions to Successful Product Takeback

Ma Z.J., Dai Y.

Application of Process Synthesis: Design for Improved Resource Utilisation

Duncan M. Fraser

The Relationship between Design For Environment (DFE) and Design For Cost (DFC)

Chen Xiachuan

Industrial Tribology Design Aimed at Environment

Ji Ping

Simulation and Experiment on the High-pressure Pneumatic On-off Valve

Jia G.Z., Wang X.Y.

A New Method to Calculate the Bending Center of General Cross-section for Engineers in Modern Optimization Machine Design

Tang Xinyan

An Optimal Control Method of Facing Indoor Environment of Building

Chen Zhiqi

The Current Status and Developing Directions of the Equipment Management in the Domestic Civilian-run Enterprises

Hao Qifeng

Role of Resource Recovery of Waste Machinery and Electronic Products in Sustainable Development

Xu Binshi, Liu Shichan, Zhu Sheng, Yao Jukun, Xiang Yonghua

Smart Materials and Structures Overview

Sun Bohua

On-line Repair of Surface Damage of Smidth TE-750 K Gear Unit

Xu Su, Peng Xinbei, Li Guiquan

Design and Calculation of a Novel Coal-bed Gas/Air Automatically Mixing Control Unit and Its Application

Qiao Anping, Gao Feng, Li Yunqing

A Study of Ceramic-lined Compound Copper Pipe Prepared by SHS Process

Fu Hanguang and Fu Hanfeng

Non-contacting Sub-synchronous Shaft Speed Measurement Focused upon the Principle of Optical Mouse

Zhi, Shengke, Prof. Andrew Ball

The Centrifugal Pump with High Potential-ratio, Eliminated Disc Friction, Pressurized Vortex, and Its Combination Method

Jiang Zigang

The Innovation and Practice of the Device Maintenance Management Mode

Zhan Hengfa

Study on the Techniques of Exterior Wall External Insulation with Cast-in-place Concrete to Super High Residential Buildings

Lai Hao, Lai Keming

Study of Design for Remanufacturing

Zhu S., Cui P.Z., Yao J.K.

Development of Eco-materials for Circular Economy

Ryoichi YAMAMOTO

《CIMS 论文的天地》声明

本站免费向大家提供论文全文，本站论文除了特别说明的以外都是从作者手中征集得到的。

目前网上论文网站较多，有人非法转载本站论文，在此提出警告，本站保留对这类行为进行追究的权利。

本站镜像：

1、上海电信镜像：<http://www.cimspaper.com> <主站，付费空间，推荐访问>

2、虚拟域名：<http://xcchen.yeah.net>