TABLE OF CONTENTS

ENVIRONMENTAL SCIENCE AND ENGINEERING

Analysis on the Influencing Factors and Mechanism of Farmers’ Will to the Treatment of Livestock and Poultry Breeding Pollution —— Survey from 477 Farmers in Hunan Province .......................................................... 1
Mu-Rong Bin, Kong-Liang Wen

Comparative Study on Drying Characteristics of Sewage Sludge in Two Kinds of Indirect Heat Drying Equipment ......................................................................................... 9
Jie-Liang Chen, Zhen Deng, Wen-Di Chen, Lu-Kai Lyu, Fei Wang

An Improved Design of Pressure Relay Based on Optical Switch ........................................................................................................ 14
Shan Chen, Jun-Chun Ma, Feng Li, Xiao-Guang Yao, Da-Zhi Cao

Effects of Straw Incorporation and Reduction of Chemical Fertilizer on Soil Nutrients and Crop Yield in Farmland ........................................................................................................ 17
Zhu Chen, Jing-Jing Yue, Ya-Nan Yan, Hong-Xiang Hu, Yun-Fei Di, Hong-Xiang Hu

Size Structure of Phytoplankton Community and its Response to Environmental Factors in Spring and Summer in Xiamen Bay, China ........................................................................ 22
Ting-Ting Fu, Bao-Hong Chen, Wei-Dong Ji, Wen-Feng Chen, Hui Lin, Yong Luo, Kang Wang

Study on the Effect Influence Factors and the Optimal Operating Conditions to Treat the High Ammonia-Nitrogen Wastewater by SDMBR .............................................................. 32
Zhi-Tong Han, Bao-Chuan Qi, Ling Li, Yan Kong, Kun Han

Effect of Metal Ion on Ammonium Bicarbonate Solution Decomposed into Carbon Dioxide ......................................................................................... 38
Lu Hu, Hai-Feng Li, Mei Jin, Guo-Xian Yu

Adsorption of Chromium from Aqueous Solution Using Activated Carbon Coated Sand ................................................................................................. 42
Mei-Ling Huang, Shi-Quan Liu

Review of Research on In-vehicle Pollutants in China ................................................................................................................................. 47
Ming Li, Yue Xu, Chang-Hua Wei

Synthesis and Characterization of Surface Ion-imprinted Polymer Based on Mesoporous Silica SBA-15 for Selective Removal of Cu(II) from Aqueous Solutions ........................................................................ 50
Sheng-Fang Li, Lin Yang, Wei-Jun Song, Chun-Yan Sun

Wear Characteristic Study of the Flat Slipper of Shearer Considering Oblique Cutting ......................................................................................... 57
Hui Liu, Yan-Qi Kan, Peng-Fei Li, Chun-Hui Wang

Analysis of the Factors Affecting the Productivity of Fractured Horizontal Wells in Changji Low Mobility Tight Oil of Xinjiang Oilfield .......................................................................................... 62
Li-Feng Liu, Xin Wang, Qi-quan Ran

Ecological Stoichiometric Characteristics of Carbon, Nitrogen and Phosphorus in Urban Wetland in an Qinghai-Tibetan Plateau —— Taking Huoshaogou Wetland in Xining City as an Example ........................................................................ 69
Xiao-Jun Liu, Xu-Feng Mao, Xiao-Yan Wei

The Preparation of Color Glasses Using the Solid Waste Generated in Crystalline Silicon Cutting Process ......................................................................................... 74
Zhi Liu, Shi-Quan Liu

Research on Smelting Process and Submerged Arc Furnace for Silico-Calcium Alloy ................................................................................................. 78
Wei Lin

Process Performance and Kinetic Characteristic of Anaerobic Digestion Focusing on Swine Manure Content ......................................................................................... 81
Chun-Lan Mao, Xiao-Jiao Wang, Yong-Zhong Feng

Water Pollution Risk Assessment for Water Transfer Projects ........................................................................................................................ 85
Lan-Lan Song, Jian-Yun Zhang

Fast Pyrolysis Biomass Oil as the Substitute of Phenol for the Synthesis of Resol Resin as Wood Adhesive ......................................................................................... 90
Fu-Xia Sun, Fang Kong, Hong Sun, Zhe-Hui Wang

Removal Efficiency of Treat Biogas Slurry Using Ecological Filter-Artificial Wetland Combined System under Different Hydraulic Loading ........................................................................ 93
Renfeng Tu, Lang Lang, Jian-Bo Fan, Jiang Zhu, Lu Han

Nonlinear Simulation of Pre-Darcy Flow in CQZS Super-Low Permeability Reservoir ................................................................................................. 100
Qing-Yan Xu, Rong-Liang Guan, Cong Wu

The Application of Energy Tower Heat Pump Technology in Air Conditioning Engineering ................................................................................................. 102
Dong Yang, Hui-Chao Qi
Draft Genome Sequence of Acinetobacter Y1, a Heterotrophic Nitrifying and Aerobic Denitrifying Bacterium Isolated from Coke Plant Wastewater ................................................................. 106
Ting Yang, Ya Yang, Yu-Xiang Liu, Ze-Ying Liu

Simulation for Integrated Systems of Typical Coal-to-liquids Processes and Waste Energy Exploitation Based on Different Gasification Processes ................................................................. 110
Ge-Wen Yu, Xiao-Li Yang, Yan-Ming Wang

Interface Discharge Behaviour at Polypropylene Nanocomposites and Silicone Rubber under AC Voltage .................................................................................................................. 119
Jin-Shan Yu, Chun-Yan Hao, Jun-Ke Guo, Xin He, Xiang-Ying Yu

Effects of Land Consolidation Period and Tillage of Hollowed Villages on Soil Properties in Loess Plateau ........................................................................................................................................ 122
Wei-Hua Zhang, Zeng-Hui Ma, Lu Zhang

Removal of Cr3+ in Aqueous Solutions by Zeolite A/Activated Carbon Composite Synthesized from Elutriophile .......................................................... 125
Yong Zhang, Juan-Juan Ma, Hui-Gang Wang, Xing-Yu Cui, Feng Yu, Wen-Ping Cheng, Jing-Hong Ma

Leaching Characteristics of Vanadium with Assistant in Sulfuric Acid from Titano-Magnetite ................................................................. 130
Xiao-Bo Zhu, Wang Li, Wen-Zhong Li, Shen Tang

Permeability Acquiring and Application for Coal Reservoir .................................................................................................................. 136
Wen-Guang Zhao, Na Li, Chun-Lei Li

Evaluation Research on Intensive Land Use of Modern Agricultural Park ........................................................................................................ 139
Chun Yang, Lu Li, Wen-Kuan Chen

Research on Evaluation of Network Planning Based on Rough Set ........................................................................................................ 144
Xu Zheng, Yong Huang, Xiu-Wen Xiong, Da-Wei Huang, Kai Yuan, Min Xu

Research Progress in the Selective Adsorption of Removal of Heavy Metal Ions from Wastewater ................................................................. 148
Li-Li Ma, Qiang-Lin Xie, Qiang-Feng Yu, Nan-Chun Chen, Hui Xu

Study on Adsorption of Cd2+ by Manganese Modified Diatomite ........................................................................................................ 154
Hui Xu, Nan-Chun Chen, Qiang-Lin Xie, Li-Li Ma, Qiang-Feng Yu

Study on Separation/Enrichment of Bismuth using Microcrystalline Thymolphthalein Loaded with Diacetyldioixime ........................................................................................................ 157
Chang-Qing Tu, Xin-Rong Wen

Relationship between Glyoxylate Cycle and Nitrification Efficiency Based on Heterotrophic Nitrification Bacterium Acinetobacter sp.Y1 ........................................................................................................ 160
Yu-Qing Li, Yu-Xiang Liu

Biochemical Oxygen Demand Soft Measurement Based On LE-RVM ........................................................................................................ 164
Long Luo

Environmental Regulation Theory and Its Application ........................................................................................................................ 168
Li-Ping Wang

Competitive Adsorption of Heavy Metals Copper, Cadmium and Lead by Synthetic Zeolite ................................................................. 171
Xiao Zhang, Ting Cheng, Chen Chen

The Research of Using Fly Ash based Polymer Materials to Immobilize Iodine Ion ........................................................................................................ 178
Chen Chen, Rui-Yang Lv, Fan Feng, Ting Cheng

Reversible Capture of CO2 by Cucurbit[7]uril Absorbent .................................................................................................................. 182
Li Liu

ENVIRONMENTAL PROTECTION

Research on Hyperspectral Unmixing Oil Spill Monitoring ........................................................................................................................ 185
Can Cui, Ying Li, Hong-Ji Chen, Bing-Xin Liu, Jin Xu, Guan-Nan Li

Effect of Corona Discharge Treatment on Interface Discharge Behaviour between Polypropylene and Silicone Rubber ........................................................................................................ 190
Jun-Ke Guo, Chun-Yan Hao, Jin-Shan Yu, Li-Qiu Lu

Rebuild Strategy for Coastal Villages with Reasonable Expense - Renjiatai Trial ........................................................................................................ 193
Min-Min Guo, Li-Ting Zhou

Experimental Study on the Removal of Algae and Odor with the Combined Process of Potassium Permanganate and Powdered Activated Carbon ........................................................................................................ 196
Feng-Ping Hu, Wen-Jie Hu, Xiao-Jun Peng, Hong-Ling Dai

The Eco-Environmental Fragility Assessment of Ningdong Base .................................................................................................................. 200
Feng-Jun Li, Min Hu, Xiao-Le Guo

Overview of Pavement Materials and Operation Phases for the Minnesota Road ........................................................................................................ 206
Shuang Li, Zhen-Gang Feng, Xin-Jun Li, Fei-Long Li
## Heterogeneity and Controlling Factors of Oxfordian Stage Carbonate Reservoir of Odjarly Gas Field, Amu Darya Basin

Bing-Xiong Lu, Long-Hua Mo

- Page 209

## The Trace Element Characteristics of Shales from Upper Ordovician-Lower Silurian in Wuling

Zhen-Gang Liu, Chao Gai

- Page 214

## Depression: Implication for Block Amalgamation Time and Tectonic Setting

Yuan-Yuan Peng, Zhi-Hong Kang, Hui-Yu Han, Lei Zhou

- Page 217

## Research of a Novel Fluorescence Probe for Cu²⁺ and Its Applications in Environmental Analysis

Tian-Tian Su, Yan Liu, Yi-Min Zhu, Yan Liu

- Page 221

## Performance Study and Analysis of a 300MW High Backpressure Heat Supply Unit Condenser after Retrofit

Xue-Tong Wang, Yu-Feng Yan, Ang Song, Chun-Ling Liu

- Page 228

## Casing Damage Prevention and Control Technology of Super Heavy Oil Thermal Production Well - A Case Research of Du 84 block in Shu 1 Area, Liaohe Oilfield

Jia-Nian Xu, Hong-Li Liu

- Page 232

## Quantitative Analysis of Huangshui River Basin Landscape over Last Twenty Years using RS and GIS

Huan Yu, Rong-Xiang Du, He-Ping Tao, Bin-Tao Liu, Bo Kong

- Page 237

## Carbon Performance Evaluation Indicators based on Resource Value Flow

Cai-Ping Zhang, Ying Zhang

- Page 241

## The Preparation of Coating Material by Modified Asphalt Waterproof Roll Material

Su Zhao, Da-Ren Guan, Ruo-Nan Wang, Guang-Yi Ma

- Page 246

## Influence of Sandstone Layered Structure and Characteristics in Coal Overburden on Mining Subsidence

Yan-Jie Sun, Xiao-Guang Zhao, Shi-Jie Song, Wen-Jie Nie

- Page 252

## Detection and Analysis of Heavy Metals in Vegetables in Xinzhu Vegetable Base

Xiao-Guang Zhao, Bing Li, Meng-Di Gao, Yang Li

- Page 255

## Vertical Distribution of Wind-eroded Dust within 50m High at Minqin Dust Source Area in North-Western China

Duo-Qing Man, Shi-Zeng Liu, De-Lu Li, Zi-Zhu Yan, Qing-Zhong Zheng, Yin-Ke Li, Yuan-Yan Wang

- Page 262

## Vulnerability Assessment of Water Environmental System in Beijing-Tianjin-Hebei(BTH) Region

Xiao-Hua Yang, Yuan Xie, Bo-Yang Sun, Mei-Shui Li, Yi Ye, Yu-Qi Li

- Page 265

## Assessment of Atmospheric Environmental Quality in Baoji City

Yin-Qie Liu, Peng-Ying Shi, Yong-Gung Zhang

- Page 269

## A Review on Wastewater Treatments of Lead-Zinc Concentrator in China

Xu Dong, Si-Qing Liu, Hai-Lin Liu, Dan Wang, Yi Pei

- Page 272

## SS and CODremoval in Artificial Stone Wastewater using Coagulation Process

Ping Zhang, Lin-Feng Chen, Qi-Meng Zhang, Sheng-Min Wang, Qing-Liu Xie, Nan-Chun Chen

- Page 276

## A Study on Change and Difference of Provincial Fishery Efficiency in China

Bo Li, Lin Wang, Hui-Ling Qiao

- Page 279

## Removal Effect of CODcr Ammonia Nitrogen and Total Nitrogen of Rural Domestic Wastewater in Southern China by A²/O² Process

Li-Qiang Xu, Hai-Xia Yu, Jiang-Hua Yu, Huan Luo, Yuan-Long Zhang

- Page 286

## Analysis of Indoor Inhalable Particle Concentration under Variable Air Volume Air Conditioning System

Xin-Long Li, Yue-Wu Huang

- Page 290

## A Research for Reduction the Pollution in the Pretreatmentprocess of PAEs Inhuman Serum

Min Li, Cui-Qin Wu, Yong-Heng Chen, Jian Gong, Ying Li, Yi-Wen Zhong, Ying Nie, Liang-Zhi Xu

## RENEWABLE ENERGY AND SUSTAINABLE DEVELOPMENT

### Application of Chebyshev Polynomial in Annual Electricity Consumption

Lai-Bin Gao, Bo Wang

- Page 294

### Uncertainty of the Offshore Wind Energy Resource Assessment due to Long-term Variability

Bo Jiang, Ping-Ping Hou, Song Zhang, He Wu, Jie Ding

- Page 298

### Study on the Influence of the Operation of Multiple Wind Turbines on the Turbulent Kinetic Energy in the Atmospheric Boundary Layer

Fei Li, Ting-Ting Lu, Zheng-Ren Wu

- Page 304

### Effect of Different Thermochemical Pretreatments on Fuel Quality of Sewage Sludge

Zhen-Gang Liu, Chao Gai

- Page 308

### Application of Legendre Polynomial in Annual Electricity Consumption

Hui-Jie Jiang, Hong-Qin Zhang

- Page 313
Voltage Compensation for Solar Cell Array Comprising Multiple Strings
Hong-Ren Shen, Chang-Lin Tsai, Huirong-Liajou, Kuo-Deh Wu, Jin-Ching Wu, Cheng-Huan Chang

A Review of the Development of Nuclear Waste Treatment for China's Nuclear Power Industry
Yue Sha, Zhi-Ming Liu, Xian-Jun Lin, Rui-Zhi Wang

The Role of Renewable Energy in China's Sustainable Energy Transition
Xiao-Yang Sun, Bao-Sheng Zhang, Liang-Feng Zou, Rui-Zhi Wang

Sustainable Design of Waste Fabric and Contemporary Textile Materials
Fang Wang

Reviews of Resource Assessment on Tidal Current Energy of China
He Wu, Yu-Nan Wu, Yang Bai, Guo-Wei Wu

Operational Performance of a Combined TLP-type Floating Wind Turbine and Heave-type Floating Wave Energy Converter System
Meng-Ran Zhou, Ying Pan, Nan-Xin Ren, Ying Zhu

Calculation of Distributed Photovoltaic Grid Acceptance Capacity Considering Timing Characteristics of Photovoltaic Output
Xue Wang, Qiang Sun, Ying-Ting Ni, Qiang Yin

Kai Zhang, Xian-Jun Lin

Technology of New Energy Grid Remote Testing Based on Internet + Exploration
Yong Zhi, Chen Liang, Ren-Qing Bai, Wei Zheng, Xi-Chao Zhou

An Experimental Study of Shower Spray Properties and Shower Comfort
Wing-Kwong Chan, Ling-Tim Wong, Yang Zhou, Kwok-Wai Mui

Research on Medium and Long Term Energy Demand Forecast under New Urbanization
Bao-Guo Shan, Cheng-Long Zhang, Ding Ma

Magnetic Levitation Device for Harvesting Power-frequency Magnetic Field and Mechanical Energy
Wei He, Yue-Ran Lu, Chi-Wen Qu, Cheng-De Lin, Gao-Feng Che, Ji-Tao Zhang

Research on Optimal Adjustment Test for SCR Denitrification System in Coal-fired Power Plant
Ke Liu, Meng Zhang, Hai-Chao Wang, Li-Meng Zhang, Fan-Jun Hou, Qing-Chuan Zhao

Xi-Li Duan, Josh Roul, Stephan Ryan, Skylar Hodder, John Stamp

Energy, Environmental & Sustainable Ecological Development

Nonlinear Effects of Provincial Economic Growth on Environmental Pollution
Jian-Bao Chen, Qiong Xia, Zi-Jia Wan

Study on the Path Selection of Regional Development in Karst Mountainous Areas Based on Evaluation of Location Advantages—A Case of Panxian County, Guizhou
Qian Feng, Zhong-Fa Zhou, Quan Cheng, Yu-Ting Han

Paleoenvironment of Carboniferous Shales in Wuwei Basin
Hui-Yu Han, Zhi-Hong Kang, Yuan-Yuan Peng, Lei Zhou

Correspondence between Turning Points in Trend of Oil Price and Business Cycles in Japan
Koki Kyo, Hideo Noda

The Inverse Eigenproblem for Complementary Submatrix of Generalized Jacobi Matrices
Zhi-Bin Li, Yun-Fei Wang

Literature Review of the Implementation Evaluation on Land Use Planning
Guo-Hua Liu

Pricing Strategy of Remanufacturing Closed-loop Supply Chain Based on Subsidy and Carbon Tax Mechanism
Wen Liu, Hai-Yan Wang, Long-Gang Li, Jie Deng

Further Understanding of the Supply Source of Shaizhuhong Spring in the Central Weibei
Zhi-Yuan Ma, Mei-Jing Zhai, Yang Meng, Yong Xu

A Study of the Demand for Fiber Fabrics of Chinese Elderly Clothing Market
Fan-Tao Nie, Yu-Mei Cui

Meta-analysis of Psychological Interventions on Breast Cancer Patients’ Immune Function
Ling Qi, Jing Wang, Hong-Ling Zhang

Weather Conditions Associated with Corn Simulated Yield in the Corn Belt of Northeastern China during the Past Three Decades
Zeng-Hui Sun, Zhe Liu
Energy and Exergy Analysis of a Refrigeration System with Vapor Injection Using Reciprocating Piston Compressor ........................................... 436
Hao-Jie Tang, Shu-Xi Zheng, Yu-Tao Yang, Chao Wang, You-Xin Zhao, Su-Yan He

The Application of A3 Aerial Photography in Island Surveying and Mapping ........................................... 440
Ping Wang, Fan Yang, Zheng Wei, Ji-Sheng Zeng, Yu-Chao Sun

Design of an Ecological Immigrant Compensation Program for China's Nature Reserves ........................... 445
Xiao-Yan Wei, Xu-Feng Mao, Feng-Gui Liu

A Method for Automatical Extraction of Typical Disaster-bearing Targets from LiDAR Point Cloud in Coastal Zone ........................................... 449
Ping Wang, Zheng Wei, Yu-Chao Sun, Ji-Sheng Zeng, Fan Yang, Ling Tang

Research on Target Polarization Recognition and Classification Based on BP Neural Network ................... 453
Bang Wu, Qi Jia, Wei-Dong Xu, Xu-Liang Lv, Jiang-Hua Hu

Developing an Agent-Based Model to Explore the Impact of Social Networks on Building Occupant Energy Consumption ........................................... 456
Hui Xie, Tao-Tao Yin, Ya-Liu Wang

Study on Analysis Model of Key Influencing Factors of Urban Environment Livability .......................... 460
Hong-Xue Xu, Xi-Ying Guo, Xi-Ying Guo

The Research on the County's Development State of Cultural Industry in Guizhou Province .................. 465
Chang-Bing Yang, Mu Zhang

Research on the Basis Theoretical Questions of Environmental Finance ........................................... 470
Cai-Ping Zhang, Qian-Wen Wu

Analysis on Farmers' Accepting Willingness of Ecological Compensation of Non-commercial Forest in NFFP Area of China ——Taking Six Western Counties as an Example ........................................... 474
Ling Zhi, Yuan Zhang, Yan-Ming Xie, Qin Long, Xiao-Nian Guo

Dielectric Properties of Melt and Heat Treated K2O-Al2O3-SiO2-CaO-CuO-TiO2 Samples ....................... 480
Li-Yuan Zhang, Shi-Quan Liu

Futuristic Vision for Integrated Regional Planning in Syria : Cross-border Development Axes, Challenges, and Benefits ........................................... 483
Wan-Min Zhao, Tarek Rahmoun, Mayaa Hassan

To Solve the Problem of the Path Dynamic Interpolation and Jitter in the Simulation of Aircraft Flight Installed Beidou ........................................... 491
Xiu-Ying Zhao, Zhuang Xiong, Jing-Xin Xiao, Wen Xu

An Evolutionary Approach to Market Adoption of I-o-T ........................................... 495
Frank Lorne

Analysis of Wind Energy Resource Potentials in Nansha Guangzhou ........................................... 498
Huang Dong, Wilton Wai-Tung Fok

China Offshore Wind Power Costs and Environmental Impact Analysis ........................................... 503
Bo-Yang Sun, Xiao-Hua Yang, Jie-Ting Huang

Analysis of the 3D Simulation Reconstruction Method for Road Surface Roughness .......................... 506
Lan-Ying Zhao, Jing-Lan Yang, Li-Xu Chen, Jing-Bo Yu, Gang Mu

Discussion on Business Mode of Biogas Industry in Beijing ........................................... 511
Hui-Zhi Zhang, Lei Chen, Pan-Pan Yang, Bao-Rong Huang

ENERGY SCIENCE AND ENGINEERING

Function and Effects of L-cysteine on the Speciation Analysis of Mercury by High Performance Liquid Chromatography Coupled with on-line Cold Vapor Generation Atomic Fluorescence Spectrometry ........................................... 515
Xue-Jiao Nan, Xiao-Ping Yu, Ya-Fei Guo, Tian-Long Deng

Applications of Calorimetry in the Field of Thermodynamic Properties of the Aqueous Borate Systems ........................................... 519
Jing Li, Long Li, Ya-Fei Guo, Si-Si Zhang, Tian-Long Deng

Virtual Building Medol to Predict Hourly Cooling Load for District Buildings in Urban Planning ............. 523
Xiang Yuan, Wei-Ding Long

Oil Price and Firm Level Equity Return: A Panel Approach ........................................... 532
Suleman Sarwar, Chen Wei

An Approach to Energy Conservation for Large Scale Compute Systems ........................................... 539
Yong-Peng Liu, Wan-Qing Chi, Tong-Yan Liu

Fault Diagnosis Method for Heterogeneous Information Fusion of Permanent Magnet Generator Considering Classifier Performance and Weight of Evidence ........................................... 542
Xun Yin, Xin-Yan Zhang, Shao-Ran Wang, Lu-Lu Yang, Zhi-Wen Luo, Li-Wei Zhao
Experimental Study on the Combustion Performance of a New Biodiesel Named Curcas Oil
Diethylene Glycol Ether Ester ................................................................. 546
Yun Bai

Realization of an Antireflection Nanopore Array for Black Si Solar Energy Utilization ........................................... 549
Ze-Ping Li, Li-Hong Mei, Gang Xiong, Geng Wang

Experimental Study on Microwave Pyrolysis Characteristics of Microalgae Chlorella Vulgaris ..................................... 552
Chun-Xiang Chen, Zheng Cheng, Feng Chen

Experimental Study on Pyrolysis Characteristics of Oily Sludge from Oil Production Plant on North China Oilfield ................................................................. 555
Yu Zhou, Zhao-Quan Chen, Zheng Chang, Yin-Qi Feng, Yuan Li

Multi Objective Optimization on the Design of A Forced Circulation Solar Hot Water System ................................. 558
Qing-Long Kong, Feng-Xiang Zhu, Zheng Chang, Yin-Qi Feng, Yuan Li

Research on Ethanol-gasoline Blended Fuel in Automotive Gasoline Engine ............................................................. 562
Jing-Bo Yu, Shu-Lin Duan, Lan-Ying Zhao, Wen-Xiao Zhang

GaAs Solar Cells Application in Spacecraft Power System .................................................................................. 569
Fei Wang, Zhi-Gang Liu, Xiao-Feng Zhang, Hai-Tao Sun, Wei-Feng Guo, Wen-Li Lin, Wen-Jia Zhang, Qi Chen

Research and Comparison of Solid Spallation Targets in Accelerator Driven System(ADS) ........................................... 573
De-Peng Guo, Fei Xie, Jing Zhao

Author Index