Table of Contents

Preface, Sponsors and Committees	
Comparison of the Effectiveness of Enzyme and Portland Cement for Compressive Strengths of Stabilized Soils H.T. Peng, H.T. Su, X.P. Zhang and J. Wang	1
Analysis on Supervision System of Dairy Public Safety in China X.Y. Hao and P.X. Qi	5
Corrosion Inhibition of Aluminium Anode by CeCl ₃ in Simulated Seawater Y.H. Zhou, X.H. Guo and X.J. Han	11
Investigation of Lead and Cadmium Content of Plant Leaves along a Ring Road in Beijing P. Wang, C.C. Wang, L.L. Feng and X.J. Tian	17
Effects of Natural Organic Acids on Growth of Maize and Uptake of Chromium by Maize in Chromium Contaminated Soil G.L. Cheng, Z.F. Ma and Q.H. Wang	21
Plant Invasions in China: What Can we Learn from the Checklists of Alien Invasive Plants during 1998-2008? J.M. Feng, R.Y. Nan and Z. Zhang	25
The Treatment of Synthetic Organic Wastewater in a Novel Internal Circulation Impinging Stream Biofilm Reactor G.C. Li, J. Chen, S.L. Yu, T. Yang and J.Q. Sun	30
Study on Biological Sand Filtration System and Conventional Water Treatment in Micro-Polluted Source Water J.K. Zhang	35
Studies on Micro-Polluted Source Water Treatment by Ozone Combined Processes J.K. Zhang	40
Research on the Safety of Coal-Fired Power Plants Based on Entropy Weight and Fuzzy Comprehensive Evaluation W.J. Wang and L. Zhao	45
Cyclic Economy Eevel Evaluation for Thermal Power Plant Based on System Analysis W.J. Wang and L. Zhao	49
Matlab for Forecasting of Energy Consumption Based on BP Neural Network C.H. Tu, G.Y. Li and L. Zhao	54
Biodegradable Composites from Pinewood Sawdust and Polyvinyl Alcohol Adhesives G.C. Li, J. Chen, Q. Li and T. Yang	59
Influence of Soil Organic Carbon and Total Nitrogen of Soil under Different Plant Communities in Central Yunnan J.H. Shi, G.T. Meng, P.R. Li and L.P. He	64
Research on the Relationship between Economic Development and Environmental Quality Based on Environmental Kuznets Curve J.Y. Li, Y.J. Wei and P. Cheng	69
Modeling the Impact of Environmental Subsidies on Entry and Exit Infrastructure Projects L. Gong and J. Tian	74
Influence of Particle Size and Temperature on Gasification Performance Y. Feng, B. Xiao, K. Goerner and R. Naidu	78
Foreign Direct Investment and its Effect on Self-Reliant Innovation in Jiangxi X.H. Li and Y.G. Yu	84
Influence of Catalyst and Temperature on Gasification Performance Y. Feng, B. Xiao, K. Goerner and R. Naidu	90
3. W. Tang, Y.Z. Peng, L.C. Zhang and S.Y. Wang	96
Enhanced Nitrogen Removal of Low C/N Wastewater in a Subsequent Denitrifying Reactor Fed by Endogenous Carbon Source Generated from Primary Sludge Fermentation C.C. Wu, Y.Z. Peng, L. Zhang and S.Y. Wang	101
Preparation of Polyaniline Nanotubes and its Electrocatalytic Behaviors F.F. Tao and C.Q. Li	106

Management of City Solid Waste in China C.H. Song and W.B. Chen	110
Current Situation and Main Pollution Sources of Rural Water Environment in China Z.H. Liu	113
Biodegradability of Acrylic Retanning Agent DT-R548 with Medium and Large Relative Molecular Weight X.C. Wang, Y.Q. Fu, L.F. Ren and T.T. Qiang	117
Forbidden of Polybromodiphenyl Ether Fire Retardant and Current Situation of its Substitutions	
X.Y. Zhang and G.H. Wang Misususus Assisted Synthesis of CyO Nonceture turns in Lenis Liquids	122
Microwave Assisted Synthesis of CuO Nanostructures in Lonic Liquids J.G. Zheng and T. Yang	127
Study on the Startup of Internal Circulation Anaerobic Reactor in Treating Juice Wastewater	122
Z.J. Li, J.J. Chi, H. Hu and A.Y. Miao Calculation and Analysis of the Water Environment Capacity for the Yuanhe River in	132
Jiangxi Province, China M.L. Wang, B. Luo and W.B. Zhou	137
The Hydrolysis of Gelatin and its Treatment for Waste Drilling Fluid X.C. Wang, S. Zhang, L. Zhou and L.F. Ren	141
Modification of SNTHERM Albedo Algorithm and Response from Black Carbon in Snow S.Z. Dang and C.M. Liu	147
The Optimization Model of Eye Sickbed Reasonable Arrangement J.F. Liu	151
Effects and Sensitivity of Soot-Induced Snow Albedo Change on Snowpack S.Z. Dang and C.M. Liu	155
Effects of Soil Moisture Content on the Residual Strength of Two Plants Root-Soil Composites	160
D.D. Zhou, J. Liu, X.J. Yao, X. Zhang and N. Hu A Research on Job Satisfaction for Employees in Jiangxi	160
X.H. Guo and X.H. Li	165
Fuzzy Comprehensive Evaluation of Mine Production Business Status Based on AHP Y.C. Sun and T. Li	169
Variation of TTC-ETS Activity of Activated Sludge in SBR Process J.H. Wang, J. Yin, W.H. Song, Y.Z. Lin and X.L. Yu	174
Flow Pattern and Pressure Drop in Highly Concentrated Slurries Transportation Pipelines H. Lu, J. Yin, Y.X. Yuan, B. Wang, H.W. Chen and J.H. Wang	179
Theoretical Study on the Mechanism of CH + O ₂ Reaction X.D. Niu, H.W. Gao and H.S. Wang	183
Study on the Performance Efficiency of A ² /O Humic Activated Sludge System Operating in Low Temperature	
J. Yin, L. Wu, Y.J. Yu, J.K. Zhang, K. Zhao, W. Cui and L. Yu	187
Evaluate the Efficiency of Fenton Oxidation and the Coagulant Aids in Fenton-Flocculation Process	
X.L. Liu, C.L. Ouyang, Y.X. Bai, H.N. Song and S.F. Wang The Environmental Impact Assessment of Power Transmission Project Based on Fuzzy	191
Theory	105
H.R. Cui, D.F. Qiu and L. Chen The Use of Ecological Restoration Technology in Rural Areas' Sewage Treatment - With the Example of Jiangsu Taihu Lake Basin	195
L. Zhang, W.H. Zhang and J. Zhang Engry Comprehensive Evaluation on the Thornel Power Plants? Ability of Energy	201
Fuzzy Comprehensive Evaluation on the Thermal Power Plants' Ability of Energy Conservation and Emission Reduction H.R. Cui, L. Chen and D.F. Qiu	211
The Analysis of Water-Soluble Ions and Inorganic Elements in Atmospheric Particulates,	
Chancheng, Foshan, China Y.H. Liu, W.Y. Zhang, W.J. Xu, C. Wang and Q.R. Zhu	215
Influence of Water Physical and Chemical Performance by Magnetizing J. Yin, J.K. Zhang, L. Wu and X. Li	223

228
233
237
243
240
249
253
258
263
267
270
273
276
280
200
286
291
296
301
305
309
313
317