Table of Contents

Loose Nanofiltration Membranes Based on Interfacial 4-Diamino-6-Hydroxypyrimidine for Improving Permeation and Antifouling Performance	1
Jiang Yuan, Shuili Yu, Rongsheng Ning, Juxiang Chen, Xiaoyi Huang	
Aqueous Phase Co-Solvent-Assisted Preparation of High-Performance Polyamide Nanofiltration Membranes: Preparation, Performance and Mechanistic	2
Jingwen Tang, Chengling Bai, Shuili Yu	
A Study of the Approval Processes and Control Countermeasures Employed in the Context of Gas Reservoir Underground Storage Capacity	3
Huohai Yang, Mingjun Li, Yeqi Gong, Renze Li	
Characteristics of Vanadium and Nicle Distribution and Occurrence Form in the Ash of Petroleum Coke Gasification Slags	4
Liping Zhang, Xinmei Liu	
Research on the Preparation Technology of Pressureless Steamed PHC Piles	5
Yan Liang, Yuanhai Jiang, Long Xia, Mali Shen, Wenhe Zhou, Zhangliang Qi	
Pollution Characteristics of PFAS & PFOA in Waters of Poyang Lake Basins, Jiangxi Province	6
Wanlu Ren, Li Xu, Dong Li, Gaoping Xu	
The Constraint Ability of the Pore Enhances the Accessibility of Open Metal Sites and Enhances the Separation Ability of H_2/D_2	7
Fenglei Wang, Zining Wang, Chuanqin Xia, Lijian Ma	
TPE-XGBoost Breakdown Pressure Prediction Study Based on Physical Constraints	8
Huohai Yang, Mingzhou Zhang, Lulu Wang, Binghong Xie	
Injection-Mining Scheme Optimization of Underground Gas Storage Based on Agent Model	9
Huohai Yang, Lei He, Qinghui He	
Co-Effect of pH Control Agent and pH Value on the Physical Properties of ZnO Thin Films Obtained by Chemical Bath Deposition for Dye-Sensitized Solar Cells Applications	10
Mazabalo Baneto, Alphonse D. Gboglo, Kekeli N'konou, Bruno Grandidier	
Optimal Wind Resources Assessment in Costal Area of Lome Based on Genetic Algorithm	11
Adekunl éAkim Salami, Ayao Parfait Agbeto, Agbassou Guenoukpati	
The Study on Hydrogen Storage Control Strategies Coordinating Underground Structures and Ground Storage Tanks	12
Ziyu Zhang, Ziheng Wang	

Impacts of Pentachlorophenol (PCP) on Coral Reefs: Disruption of Coral-Symbiodiniaceae Symbiosis and Induction of Coral Bleaching in <i>Porites lutea</i> and <i>Montipora digitata</i>
Lan Luo, Yuanyuan Zhang
Experimental Assessment of Gas Warning Index for Low Temperature Oxidation of Lignocellulosic Biomass
Mengru Cai, Qin Cao, Jinhu Li
Study on the Temperature Rise Law and Spontaneous Combustion Mechanism of Lignite During Spring Railway Transportation
Guangxiang Cheng, Yang Wang, Mengru Cai, Jianhong Sun, Jinhu Li
Study on the Effect of Pre-Oxidation on the Spontaneous Combustion Characteristics of Coal16
Jianhong Sun, Jinhu Li, Zefeng Yang, Jinliang Li, Liangzhou Chen, Hui Zhuo, Qingsong Zhang, Wei Lu
Exploring the Works of Furniture Design Master Mies van der Rohe Through the Lens of Mathematical Geometry: A Study of the Barcelona Chair
Xitong Bao
Study on Virtual and Real Comfort Scenes in Rural Areas Based on Digital Footprint A Case Study of Xiaozhou Village in Guangzhou
Yifan Chen, Yao Liu
Nano Zero-Valent Zinc Immobilized on Pine Cone and Populous Leaf Biochars for Efficient Removal of Arsenite from Aqueous Solutions and Salt Lake Water
Israr Masood Ul Hasan, Li Bo, Niu Zhengrong, Gao Dandan, Zhang Yaoling, Muhammad Bilal Shakoor, Muhammad Zubair Nawaz, Yuyu Liu, Jinli Qiao, Nabeel Khan Niazi, Feng Haitao
Comprehensive Evaluation of Char Production Technology from Traditional Chinese Medicine Residue Based on Life Cycle Analysis
Qian Deng, Aijun Li
Climate and Heritage, Towards Urban Heat Island Mitigation
Maria Eugenia Martinez Mansilla, Marta Adriana Bustos Romero
Contribution of Geostatistical Estimation Techniques to the Characterization of the Water Quality of the Albian Groundwater in the Mzab Region (South Algerian)
Mansour Achour, Hadjira Benhedid