

Table of Contents

Study on the Pathogenesis of Diabetic Nephropathy	1
<i>Qi Jiang, Yingying Liu</i>	
Study on the Mechanism of Renal Interstitial Fibrosis	5
<i>Qi Jiang, Yingying Liu</i>	
Different Polarity Extracts of Semen Astragali Complanati Wine in Vivo Antioxidant Activity	9
<i>Xuehui Fan, Qingan Zhang, Chengrui Tian</i>	
The Liver Protection Effect of Different Polarity Fractions of Semen Astragali Complanati Wine on Mice	15
<i>Xuehui Fan, Qingan Zhang, Chengrui Tian</i>	
Trauma and Recovery in Wide Sargasso Sea	22
<i>Lin Liu</i>	
Research on Clinical Features of Symptomatic Epilepsy and the Risk Factors of Prognosis	26
<i>Kang Cao, Yongquan Zhang</i>	
Application Strategy of Laser Welding and Cutting Technology in Automobile Manufacturing	31
<i>Teng Wan</i>	
Discussions on the Prediction of Fatigue Life of Mechanical Structure and the Reliability Method	35
<i>Guoli Sun</i>	
Analysis on Clinical Features and Esophageal Motility in Elderly Patients with Gastro-Esophageal Reflux Disease	41
<i>Mengdie Shen, Shanshan Chen, Lina Meng</i>	

Investigation and Prevention of Intestinal Parasitic Infection in Children in Kindergarten in Baoshan City	46
<i>Yongmei Zhang</i>	
Performance Analysis of Rectangular Concrete-Filled Steel Tubular Column under Earthquakes	50
<i>Xinyu Mao, Kun Zhao</i>	
A Study on Risk Factors and Etiology of Female Infertility	55
<i>Lili Xuan, Xiaojun Liu, Jia Wang</i>	
Research on Relationship between Chlamydia Trachomatis Infection and Female Infertility	59
<i>Xiaojun Liu, Lili Xuan, Xiaofeng Wang</i>	
Progress in Diagnosis and Treatment of Upper Gastrointestinal Hemorrhage	63
<i>Ruizhi Hou, Yan Liu</i>	
Analysis and Treatment of Infection Factors of Incision in Acute Appendicitis	67
<i>Ruizhi Hou, Yan Liu</i>	
Research on the Status and Evaluation of Laparoscopic Colorectal Surgery	71
<i>Ruizhi Hou, Ruizhe Hou, Yan Liu</i>	
Research on Laparoscopic Surgery in the Treatment of Colorectal Cancer	75
<i>Ruizhi Hou, Ruizhe Hou, Yan Liu</i>	
Research on the Value of Ultrasound Diagnosis in Thyroid Gland Lesions	79
<i>Yan Liu, Xinying Li, Ruizhi Hou</i>	
Research Progress of Ultrasound Diagnosis in Early Breast Cancer	83
<i>Yan Liu, Xinying Li, Ruizhi Hou</i>	
The Value of Ultrasound in the Diagnosis of Children's Appendicitis	87
<i>Yan Liu, Ruizhe Hou, Ruizhi Hou</i>	
Ultrasonic Diagnosis and Differential Diagnosis of Acute Gastritis	91
<i>Yan Liu, Xinying Li, Ruizhi Hou</i>	

Aerobic Exercise Intervenes Cognitive Function Regression and Expression Mechanism of Hippocampal Mitochondrial DNA and Related Proteins in Aged Rats	95
<i>Yan Song, Jiege Jiao</i>	
Stress - strain Experimental Study on Cement Composite Soil Constitutive Model	99
<i>Chen Ronglin, Zeng Zhixing</i>	
The Harm of Microorganisms in Low Temperature Meat Products and Its Control Technology	105
<i>Lei Li</i>	
Study on Chemical Constituents and Antibacterial Activity of Volatile Oil from PrunusMume	109
<i>Yuqi Li, Teng Wu, Liangcheng Xie, Juan Hao, Tiantian Feng, Xuesong Zhang, Kaifang Wei</i>	
Study on the Preparation of Coal Water Slurry and Its Additives	116
<i>Zhang Yanmin, Guo Guozhe, Li Yi, Wang Lipeng, Zhang Lala</i>	
The Application of CAD/CAM in the Design of Industrial Products	122
<i>Hequn Liu</i>	
Discussions on Construction Technology of Supporting Frame Pedestal Base Steel Structure of High-rise Buildings	127
<i>Lei Han, Heng Zheng, Chuanhong Li</i>	
Composition Analysis of Essential Oil from Eleven Species of Cupressaceae in East China	132
<i>Lin Lejing, Fu Tao, Zhang Lijun</i>	
Analysis of the Clinical Value of Exhaled Nitric Oxide in Bronchial Asthma with Allergic Rhinitis	138
<i>Jing Sun, Weijun Cao, Xianying Gai, Xiaofang Wang</i>	
Analysis of Construction Control Technology in Construction of Long-Span Continuous Bridges	144
<i>Huakui Yang</i>	

Application of Microwave Promoted Chemical Reactions on Pharmaceutical Synthesis	149
<i>Ly Hongxia</i>	
Study on Stabilization Control System of Under Driven Ship	154
<i>Yuting Xu, Zhuoqing Zhang</i>	
Systematic Analysis of Clinical Efficacy of Acupuncture on Treating Pediatric Cerebral Palsy Dyskinesia	158
<i>Yujin Hou, Xiaosu Jie, Xin Guo, Yingying Zhang, Hua Shi, Yuanjun Lou</i>	
Research on Factors Affecting Laser Welding Quality of Automobile Body	162
<i>Zhang Jie, Ye Lan, Zou Jinhong</i>	
Research on Turbocharger Impeller Processing Technology	167
<i>Zou Jinhong, Zhang Jie, Ye Lan</i>	
Application of Glass Material in Architectural Landscape Design	173
<i>Hong Mao</i>	
Application Prospect of Large-scale Energy Storage Technology in Current Power System	177
<i>Gao Xueqian</i>	
Research on the Preparation of Poloxamer-based Strong Intensity Injectable In-Situ Gel	182
<i>Ningxia Xu</i>	
Focus on Digestive Tract Reconstruction of Laparoscopic Gastrointestinal Tumor Surgery	188
<i>Song Bin, Su Yanzhuo, Hu Haixia</i>	
Anatomic Variation of Celiac Axis Influencing the D2 Radical Resection for stal Gastric Cancer	194
<i>Song Bin, Hu Haixia, Du Juan, Su Yanzhuo</i>	
Design of a New Type of Transfer Device of Blowout Preventer and Fault Diagnosis and Analysis of the Rolling Bearing of Turbodrill	197
<i>Wang Xu</i>	

Study on Pressure and Velocity Characteristics of Double Chamber Self-excited Oscillating Nozzle under Different Second Chamber Length	202
<i>Xiaojun Zhang, Xiqing Li, Yang Miao</i>	
Numerical Investigation in Local Energy Loss Characteristic of U-bend Pipe with Deflector Structure	207
<i>Zhang Xiaojun, Yao Qiang, Miao Yang</i>	
Effect of Components in Chinese Sauerkraut Powder on Quality of Chinese Cantonese Sausage	212
<i>Heng Guo, Xiaona Qi, Anjun Liu</i>	
Multi-Scale Simulation of Trickle Bed Reactor's Liquid-Solid Mass Transfer	217
<i>Yixuan Yin, Zuoguo Yang</i>	
CoMo₂S₄/MoS₂ Heterostructure with High Catalytic Performance for Overall Water Splitting in Alkaline Medium	222
<i>Guo Peisheng, Wang Chengxin</i>	
Clinical Study on the Treatment of Metastatic Malignant Bowel Obstruction with Transgastric Intestinal Obstruction Catheter Arrangement Small Intestinal Enterostomy	228
<i>Song Bin, Du Juan, Hu Haixia, Su Yanzhuo</i>	
The Study of Complications of Intestinal Obstruction Catheter	233
<i>Song Bin, Du Juan, Hu Haixia, Su Yanzhuo</i>	
A Comprehensive Research on the Transporting Processes and Laws of Cu in Jiaozhou Bay	237
<i>Dongfang Yang, Hongmin Suo, Sixi Zhu, Ming Wang, Xiuqin Yang</i>	
Stages and Status of Vertical Transporting Process of Cd in Jiaozhou Bay	241
<i>Dongfang Yang, Qi Wang, Haixia Li, Xiaolong Zhang, Jun Ding</i>	
Research Progress on the Occurrence Mechanism of Renal Interstitial Fibrosis	245
<i>Qi Jiang, Yingying Liu</i>	
Clinical and Pathological Features of C3 Glomerulonephritis	249
<i>Qi Jiang, Yingying Liu</i>	

Interference process of secondary users in 5G cognitive radio networks	253
<i>Zeyu Yang, Zunwen He</i>	
Community Structure and Diversity of nirS-type Denitrifying Bacteria in Paddy Soils	261
<i>Zebin Chen, Xi Gao, Ti yuan Xia, Yuan Su, Jiani Liu, Lei Yu, Ding kang Wang, Shengguang Xu</i>	
Study on the Design Strategy of Electric Wheelchairs for People with Disabilities	268
<i>Yi Feng</i>	
Experimental Research on Casting Concrete of Composite Shear Wall with Steel Tubes and Filled Concrete	273
<i>Lili Hu, Xiaoqiang Gao</i>	
Comparative Research on the Performance Grading of RPRS Modified Asphalt	277
<i>Ning Li, Wei Huang</i>	
Research on the Ultraviolet Aging Performance of RPRS Modified Asphalt	282
<i>Ning Li, Wei Huang</i>	
Electrochemical Studies of Sulfur Dioxide Absorption and Desorption in Ionic Liquids	287
<i>Xuyan Mao, Maocheng Wu, Xiangyu Xu, Liang Jiang, Jie Yang, Zhongyu Du, Jianjun Li, Yuanyuan Zhang</i>	
Advances in Research of Dinoflagellates-lysing Bacteria and its Application Prospect in Aquaculture Ponds	293
<i>Guoliang Wen, Shasha Li, Xiaojuan Hu, Yu Xu, Yucheng Cao</i>	
Preparation Methods and Anti-hepatoma Effects of Difunctional Hyaluronic Acid Nano-micelle	298
<i>Guixiang Tian, Bo Zhang, Bo Lian, Xiaohui Qi, Zhiqin Gao, Jingliang Wu</i>	
Secrum microRNA-122 with HCC in chronic hepatitis C	305
<i>Qian Zhang, Yonggui Zhang, Ping Zhao, Jian Jiao, Jiangbin Wang, Wenqian Qi</i>	

3.0T 1H MRS in Assessing the Steatosis in Chronic Hepatitis C Patients	310
<i>Qian Zhang, Yonggui Zhang, Ping Zhao, Jian Jiao, Jiangbin Wang, Wenqian Qi</i>	
Health Education in the Application of Improved Breathing Exercises on Patients with Chronic Obstructive Pulmonary Ventilation	315
<i>Shuqin Song, Jingchun An, Xiuli Chen</i>	
Study on Preparation and Quality Standard of compound Antibacterial Gel of DianDaoSan	319
<i>Gao Ting, Long Guangchi, Xu Yunhua, Zeng Zuting, Yang Min</i>	
Research Progress of Nrf2 Signaling Pathway on Diabetic Nephropathy	325
<i>Jingbo Li</i>	
The Effects of Anhedonia, Stress and Neurotic Personality on the Incidence of Depression	329
<i>Xuemei Liang</i>	
Advances in Antithrombotic Treatment of Coronary Heart Disease Complicated with Atrial Fibrillation	333
<i>Zengming Qi</i>	
Research on the Risk Factors and Countermeasures for Hospitalized Patients with Neurology	337
<i>Xin Sui</i>	
Treatment Strategies for Complications of Urological Laparoscopic Surgery	341
<i>Maoli Sun</i>	
Study on the Influence of Construction Waste Composite Powder Material on Frost Resistance of Concrete	345
<i>Long Cai, Yong Dai, Huan Zeng</i>	
Lymphatic targeting drug delivery system and tumor treatment	348
<i>Yu Xiao</i>	
Clinical Characteristics Analysis on Acute Kidney Injury of Patients in Department of Critical Care Medicine	353
<i>Xiaoming Si, Feng Ke</i>	

Application of Health Education Combined with Psychological Nursing on Patients Receiving Cardiothoracic Surgery	357
<i>Qin Shen, Chuanxiu Wang</i>	
Clinical Effect and Safety Evaluation of Paroxetine and Sertraline Hydrochloride Used for Depression Treatment after Cerebral Stroke	361
<i>Fu Beibei, Meng Shuqing</i>	
Clinical Discussion on Contrast-induced Encephalopathy with Clinical Manifestation of Cerebral Hemorrhage	365
<i>Meng Shuqing, Fu Beibei</i>	
Design of an Anti-Chip Cover for Machine Tools	369
<i>Pang Yong</i>	
Design of a Chip Cleaning Mechanism for Machine Tool	377
<i>Pang Yong</i>	
Analysis of Therapeutic Effect of Cuff Repair with Arthroscopic Double Row Suture-bridging	389
<i>Yi Zou</i>	
Effect and Compact on Life Quality of the patients of Minimally Invasive Total Hip Replacement and Traditional Total Hip Arthroplasty	393
<i>Yi Zou, Yi Xu</i>	
Observation of the Effect of Salmon Calcitonin on Curing Chronic Obstructive Pulmonary Disease (COPD) with Osteoporosis	398
<i>Ping Gui, Xiaotao Wang</i>	
Discussion on the Application Value of Doctor-Nurse Integrated Mode to the Nursing in the Cardiothoracic Surgery	402
<i>Ling Zhu, Yingying Zhang</i>	
Clinical Observation of Minimally Invasive Surgery and Conservative Treatment for Ankle Degenerative Osteoarthropathy	406
<i>Bo Gou, Xiaotao Wang</i>	
Analysis of the Causes and Prevention of the Postoperative Infectio of the Oral and Maxillofacial Region Tumor	410
<i>Le Xiang, Wei Yu</i>	

Jiming Tan, Lijun Cui, Shoujun Qi, Xin He