Nonlinear dynamics analysis of reciprocating compressor systems with clearance in hospitals
Huicun Shen; Mengmeng Song; Shungen Xiao; Kunchieh Wang; Chiching Yang; Jifeng Liang
E101

Structure optimization calculation of quercetin compounds and study on the properties of europium rare earth complexes
Linlin Zhang; Yaxin Zhao; Yuanzuo Li; Yue Zhai; Ziran Zhou; Peng Lin; Yuguang Lv
E104

Developing cotton fabric for hospital environment – Industrial scale production
Chi-wai Kan; Jiachi Chiou; Ka-fu Yung; Kim-hung Lam; Li Li and Tao Hua
E106

Construction of large-scale heterogeneous molecular association network and its application in molecular link prediction
Hai-Cheng Yi; Zhu-Hong You; Wen-Zhung Huang; Zhen-Hao Guo; Yan-Bin Wang; Zhan-Heng Cheng
E106-2

Warp knitted fabric for rehabilitation products – wear trial
Chi-wai Kan; Mei-mui Simmy Chan; Yin-ling Lam; Man-yi Ho and Wan-ting Ngan
E107

Mechanical properties of pelvic holder made of warp knitted fabric for using as rehabilitation product
Chi-wai Kan; Mei-mui Simmy Chan; Yin-ling Lam; Man-yi Ho and Wan-ting Ngan
E108

The inspiration from Huang Di Nei Jing Su Wen
Rung-Sheng Chen; Yu-Chen Lee
E112

Developing a new collaboration model of medical device industry in Taiwan: taking Hsinchu biomedical science park for example
Ta-Chun Wen
E120
Creating a novel type of information database of military terminology: an example of U.S. Army medical and casualty evacuation
Liang-Ching Chen; Kuei-Hu Chang E122

Effect of reduction temperature on the antimicrobial efficacy of thermal-reduced nano-silver supported by titanium dioxide
Yen-Chi Chen; Kuo-Pin Yu E124

Biometrics and sports medicine intervention of students in tropical and subtropical regions
Dilxat-mamat; Difeng Fan; Wenting Hao E125

The family 36 carbohydrate binding module enhances the efficiency of feruloyl esterase to release ferulic acid from destarched wheat bran
Zhenshang Xu; Xinjun Zhao; Ting Wang E138

A novel kind of carbon dots for fluorescence sensitive detection of Fe$^{3+}$ in bovine serum albumin
Yan Liang E139

Effects of fermented seaweed on the proliferation and wound healing of skin fibroblasts
Ting Wang; Dong Yang; Zhenshang Xu E140

Screening strains with 1-aminocyclopropane-1-carboxylate (ACC) deaminase and their Effect of growth-promoting on germination of wheat seed under salt stress
Mei Wang; Jing Shi; Yu Xu; Yan Yang; Haitao Lin; Ni Li; Lihua Jiang E141

Study on the regional innovation efficiency of pharmaceutical manufacturing industry: a DEA approach
Hui Zeng; Wenli Tang; Guanghai Tang E146

Technology of the information analysis of the electro-seismo- and gyro-cardiosignals for non-invasive diagnosis of diseases
Vladimir M Achildiev; Yury K Gruzevich; Alla D Sedova; Vyacheslav M Uspensky E159

Medium access control (MAC) protocol for the health monitoring applications
Seong Cheol Kim E160

Extraction and separation of capsaicinoids from capsicum oleoresin using vesicles self-assembly system
Yanmin Lu; Bo Cui E163

Emotional communication using emoticons of children diagnosed with social communication
disorders
Eugene Kwon; Jieun Kwon  E164

Analysis of relationship between maker tendency and psychological variables
Jieun Kwon; Yuncheol Baek  E167

An energy efficient and cluster-based MAC protocol for medical emergency monitoring body sensor networks
Seong Cheol Kim  E175

Can protectionism improve the export comparative advantages of the U.S. trade in medicinal and pharmaceutical products?
Yu Hong; Yumeng Yang; Kexuan Yu; Aijing Hu; Hongwei Su  E246

LSTM-based loss sites prediction model for species identification using CO1 DNA sequences
Eunjeong Choi; Dongkeun Kim  E180

Temporal 3D LBP-CNN for sequential driver drowsiness assessment
Bin Huang; Renwen Chen; Wang Xu; Qinbang Zhou  E184

An Extension of DBSCAN to Detect POI in GPS Trajectory Datasets
Jinman Kim; Joongjin Kook  E185

Chinese electronic medical record named entity recognition algorithm based on transfer learning
Yi Li; Jianyi Liu; Ru Zhang  E196

Sequence analysis and species classification system for predicting seasons of massive 18S rRNA microorganisms
Eunjeong Choi; Dongkeun Kim  E201

Development of the stacked ensemble model for convenient emotion classification using respiratory signals
SeungJun Oh; DongKeun Kim  E205

Mathematical optimization of Lactobacillus plantarum B-7583 fermentation conditions on wheat flour for non-dairy probiotic beverage production
Viktor Panfilov, Boris Karetkin, Natalya Khromova, Ekaterina Kalugina, Irina Shakir  E217

How does Japan’s export promotion improve the comparative advantages in the export of medicinal and pharmaceutical products?
Yu Hong; Yumeng Yang; Kexuan Yu; Aijing Hu; Hongwei Su  E248
Stable landmarks localization on lateral facial bone X-ray via Bi-enhanced deep convolutional neural networks
Fudong Nian; Lei Xiu; Xia Chen; Gang Lv   E254

A DEMATEL based MCDM approach to promote the development of life logistics in Fuzhou
L.P. Chen; X.Y. XU; S.M. Ou   E218

Integrating 2-tuple fuzzy linguistic representation model with importance-performance analysis to reallocation the sports training resource for military cadets
Chao-Zheng Zheng; Kuei-Hu Chang; Wen-Ying Hsieh   E121

Research on Model Retrieval Algorithms Based on Semantic Segmentation
Weijia Zeng; Fang Qin; Can Wang; Jiawei Luo   E129

An Improved K-means Algorithm and its Application for Geological Disaster Monitoring System
Jianguo Wang; Linyao Xue   E130

An Optimization Algorithm of Data Access Storage in Cloud Computing Based on Distributed System
Lunqiang Ye   E136

Development of Gamification Elements for STEAM Education
Sojung Kwak; Jieun Kwon   E145

DEMATEL method for the medical reserve logistics service provider selection criteria: a perspective on sustainability
M.H. Yin; S.M. Ou   E219

The implementation of the enhanced personalized broadcasting services using an artificial intelligence technology
Seok-Pil Lee   E190

Integrity detection of pile foundation in high-rise buildings based on reflected wave method
Mingming Zong; Ruirong Zhou   E149

Detection and recognition of malignant data links in distribution network information physics system
Mei Li; Shiping Yang; Mingquan Zhang   E151

Research on hysteretic dynamic automatic control system based on dynamic matrix algorithms
Ruitao Liu; Liye Liu; Yanzong Dong; Xin Li   E153

Supervisory responsibility of disciplinary committees in colleges and universities in the construction of party style and clean government
Cognitive impairment monitoring system via long range (LoRa) low-power wireless communication using pH level
Lean Karlo S. Tolentino; Rosemarie Theresa M. Cruz; Evelyn Q. Raguindin  

Frequency domain response and stability analysis for mooring cables of submerged floating tunnel under stochastic hydrodynamic force
Canrong Xie; Hongyuan Dong; Zhiwen Wu  

Self-supervision or self-willed? study on the impact of organizational isolation on production deviance among remote employees
Z.M. Xiao; S.M. Ou  

Automatic extraction of user preferences with the information retrieval techniques
Seok-Pil Lee  

The Research of a Patent Data Analysis System
Junghoon Shin; Joongjin Kook  

Research on transformation and upgrading strategy of Chinese enterprises under the background of "Internet +"
Gang Long  

Granger causality of the Japanese relative GDP, tertiary sector share and the services imports
Yu Hong; Yumeng Yang; Kexuan Yu; Aijing Hu; Hongwei Su  

Construction of International Database of Cultural Heritage between Silk way countries
Ulsara Nematullakyzy Zhantore, Zhou XiaoHu  

A Study on Cyber-Sickness Symptoms of VR Users Using CNN Model and Statistics Methods
SeungJun Oh; DongKeun Kim  

Inverse sinogram via sinosiodal pattern matching
Hoon Yoo  

Research of Flexible Wearable Care System based on Liquid mental
Yufei Wang; Xiaofeng An; Jia Liu  

Cell Image Classification of Microscope Application with Deep Learning Technology
Kuo-Kun Tseng; Qi Jin; Charles Chen; Regina Fang-Ying Lin; Boxi Chen; Chunxin Zhang
Flexible and Efficient Sports Health Care System based on Liquid Metal
Xiaofeng An; Yufei Wang; Mingyu Zhang E282

Design of An Evaluation Model of English Teaching and Learning Effect
Jianxia Zhang E284

Research on the practice-oriented classroom teaching of pre-school education in higher vocational colleges
Ling Bai; Erden Prague; Jing Yang E301

Research on the mental health in the training model of excellent music teachers in primary schools under the background of "new normal school"
Yan Bai E302

Study on the factors of economic growth of inbound tourism in hainan based on grey correlation model
Rui Cai; Yiqi Wang E303

Application of the VR multimedia technology in display design art
Chen Chen E304

Integration and innovation of the foreign language teaching based on CALL
Chen Chen E305

Research on innovative path of eco-civilization education in higher vocational colleges under the ideological and political concept of curriculum
Genhong Chen E306

Research on classification method of linking course data in 3D animation teaching
Jiaojiao Chen E307

Design and research of the remote video teaching platform based on the cloud computing
Jun Chen E308

Correlation analysis between exchange rate volatility and oil price change based on COPULA function
Liang Chen E309

Research on the management of college students' education in the "micro-era"
Shanshan Chen E310
Research on integrated project delivery (IPD) based on building information modeling (BIM)
Weibing Chen; Junwu Wang; Chengfu Wang   E311

Research on the strategy of the cultural image transmission of cities along "the belt and road initiative" route under the background of the big data
Wei Chen   E312

Exploring the role and influence of the branding of campus reading in construction of scholarly campus
--- Taking the practice of reading branding in Fuzhou no. 8 middle school as an example
Xiangqi Chen   E313

Reflections on the critical thinking of high school Chinese writing based on big data platform
Xiangqi Chen   E314

Application of the intelligent mobile terminal in the medical oral English teaching
Xiaoli Chen   E315

Exploration on innovation and entrepreneurship education leading the reform of higher education
Yu Chen   E316

Research on the integration of humanistic care and psychological guidance in the ideological and political education in colleges and universities
Yuenan Chen   E317

Research on the influence of Russian vocal music on Chinese vocal music art
Hongjian Shan   E318

Research on public curriculum reform and curriculum model in higher vocational colleges based on data fusion mining
Fei Ding   E319

Research on fault diagnosis system of wind electric generating set
Chunmei Du; Changming Dai; Mingzhan Zhao   E320

Research on the power adjustment strategy and the computer control system of distributed photovoltaic power generation
Chunmei Du; Changming Dai; Qingfeng Yang   E321

Research on building the computer network platform to assist the college physical education and teaching model
Clothing fabric reengineering design from the perspective of analytical design aesthetics
Shan Fu

Analysis of the soil type traits and physicochemical properties in substations
Bing Gao; Wenbo Zhou; Minglei Wei

Effect of soil characteristics on the impulse grounding resistance of substation ground grids
Bing Gao; Zhengping Wang; Minglei Wei

Study on the evaluation method of substation soil to the corrosion performance of grounding grids
Bing Gao; Minglei Wei; Wenbo Zhou

Characteristics and influences of yuan literature under the influence of the ethnic integration
Chen Chen Gao

Research on the image segmentation method based on the computer graphics and image Morphology
Tinghong Gao

Research on the social worker participation in resolving the contradictions of letters and visits in tourism communities
Yiqing Gao

Study on the scientific connotation and time value of Xi Jinping’s targeted poverty alleviation thought
Yiqing Gao

Accessibility human-factor potential field and its application in maintainability layout visual design
Zhexue Ge; Chun Ye; Xu Luo; Yanmei Qiu; Yongmin Yang; Zhuqi Qi

Theoretical implementation of it security monitoring and pre-warning methodology with assistance of rough set and fuzzy mining model
Feifei Geng

Study on the sustainable livelihood of the sea-lost tangka
Yumei Guan

Protecting the original eco-culture of minority nationalities based on tourism ethics
Xiaobei Guo
Study on vowel pattern of Taijinaar dialect in Qinghai province
Mingming Han; Jirigalatu   E335

Quantitative study on the coordination degree of the county culture and economy in the development of the tourism industry in southwest minority areas
Shiwei Hu   E336

Study of the teacher discourse in college English classrooms based on the second language acquisition theory
Shen Hu   E337

Multi-attribute group decision of engineering project bid evaluation based on cloud model
Yungang Hu; Cunbin Li; Po Gao   E338

Risk element transmission model of construction project chain based on system dynamic
Yungang Hu; Li Cunbin   E339

The implication of Japan’s animation and comic tourist attractions to the Guangdong-Hong Kong-Macao great bay area
Huaiqu Huang   E340

Research of the potential impacts of the hub genes or pathways participated in female adolescent obesity based on the microarray analysis
Siyi Huang   E341

Research on the mechanism and spatial spillover effect of financial resource allocation on high-quality economic development
Chunchun Chen; Yanlong Huang; Xuhui Peng   E342

Influence of the technological progress of the metallurgical industry on the economic and social development
Yan Huang; Maofa Jiang; Ren Chen; Yan Liu   E343

Research on the dance movement simulation based on the virtual reality technology
Zhongyuan Huang   E344

Exploration and research on college students’ career planning
Haitao Ji   E345

Research on the model of e-commerce enterprise assistant decision-making system based on extension strategy generation system algorithms
Pei Jiang; Dongchen Wang   E346
Research on technical analysis of basketball match based on data mining
Junbiao Kang E347

Music teaching skills from the perspective of functional theory
Lili Kou E348

Optimization design of intelligent lighting system in architectural external environment art
Chong Lan E349

Analysis of the coupling and coordination degree between the financial system and the industrial structure -- based on the perspective of new structural economics
He Li; Qiwen Zhang E350

The advantages of information network technology-assisted English teaching in adaptive learning mode
Jing Li E351

Thinking and countermeasures of efficiency mechanism of human resource management under the background of data mining models
Ke Li E352

Application and development of the multimedia technology in the piano teaching in colleges and universities
Ke Li E353

A study on the impact of university on regional innovation ecosystem in Chongqing, China
Li Li E354

Study of the English situational teaching assisted by the multimedia network
Mengchu Li E355

Construction of mathematical model of ceramic culture inheritance information under the internet background
Minfang Li; Minyan Li E356

Research on land resource management optimization based on big data
Shuang Li E357

Development of garment engineering based on stereo vision technology and deep learning
Xiang Li; XiaLi E358
Macro-Research on the development of sports-dominated industry based on data model under economic transformation intelligent scenario  
Xiaoyong Li; Yongling Gui   E359

Research on the value of Xi Jinping's new era socialism with Chinese characteristics in the ideological and political courses  
Xu Li; Ying Li   E360

Research on the experimental teaching reform and practice of environmental engineering specialty  
Yunqin Li   E361

Parametric study of in-situ stresses in depleted reservoirs  
Zhonghui Li; Ruizhi Zhong; Yishan Lou; Jun Lu; Yafei Ni   E362

The impact of knowledge employees' psychological capital on their organizational employees' behaviors  
Zhuoran Li; Zhenfeng Ge   E363

Design of mobile entrepreneurial platform based on college creative market  
Bin Lin   E364

Construction of teaching system of art major in higher vocational colleges based on html intelligent teaching model  
Daxi Liu   E365

Study on the application value of calcium and vitamin d preparations in treating senile osteoporosis  
Feng Liu; Jun Liu; Mingyu Sun   E366

Ultrasound-guided epidural anesthesia combined with general anesthesia and perioperative levels of nitric oxide and substance P in cervical cancer surgery  
Hongwu Liu; Nan Zhang; Shuang Yang; Yinhua Ma; Wanwei Jiang   E367

Research on the multidimensional college students' ideological and political education based on the computer platform  
Jing Liu   E368

Construction and promotion strategy of "going out" mode of collaboration between vocational education and industry enterprises  
Junxia Liu   E369

Study on correlation analysis of family economic status and college students' cognitive ability based on copula function  
Xiangqian Liu; Wenfeng Chen; Xiaolan Fu   E370
Remote sensing monitoring of river runoff in the Qinghai tibet plateau
Hanyu Lu; Bo Chen; Tongliang Gong; Jing Wang; Jibiao Zong; Jianxin Sun; Lei ding Ding; Tian jian Lu   E371

Reform measures of marketing approaches of e-commerce enterprises from the perspective of big data
Kai Lv   E372

An analysis of the application of cooperative learning in English teaching in the context of online education
Fei Ma   E373

Design and application of the music education and training system based on the information technology
Na Ma   E374

Exploring the interdisciplinary connections in the field of synthetic biology
Omer Hanif; Xuefeng Wang; Donghua Zhu   E375

Practical research on promoting the training of excellent music professional talents by the pentathlon competition
Xiaoshuang Ma   E376

Study on the optimization of the production process of the computer renderings for interior design
Yilan Ma   E377

Livelihood capital and residents' sustainable livelihoods assessment in natural reserve areas
Yue Meng; Wenkuan Chen   E378

A green heart planning system for ecological data of Changsha, Zhuzhou and Xiangtan urban agglomeration based on 5G sensor network
Shangjian Mo; Shouyun Shen   E379

Research on coordination mechanism of regional economic and financial integration development in Beijing, Tianjin and Hebei
Ya Nie   E380

Research on the application of low carbon design concept in environmental art based on energy consumption model
Yuhan Niu   E381
Preliminary study on data archiving and archival preservation of archive data  
Yufei Pang; Xin Jing   E382

Modeling and analysis of online cultivation of cultural empathy ability in cross-cultural communication  
Xiaojuan Peng   E383

Research on the impact factors of users’ pleasure in urban open space  
Bing Qiu; Jie Gu; Fan Zhang; Ziyan Chen   E384

Simulation of the pipa performance movements based on the virtual reality technology  
Chang Ren   E385

Effectiveness evaluation of long short-term memory and traditional time series models  
Juan Shao   E386

The network information inner and outer bound for satellite broadcast relay channel  
Jie Shen; Qiang Lv   E387

Analysis on the integration of the ethnic music elements and the modern composition techniques  
Meng Shi   E388

Analysis of the performing art and skills of piano performances based on the aesthetic perspective  
Xiaoman Shi   E389

Analysis of the piano teaching assisted by computer multimedia technologies  
Lei Su   E390

Promotion of agricultural branding in China's county-level agricultural products in the background of internet  
Ran Su, Xiaowei Chen   E391

A three-dimension-English literature teaching model and learning community—a case study of English literature teaching reform at NWU  
Rui Su; Xingyu Du   E392

ZDP scaffolds in English literature symphonic learning  
Ru Su; Xingyu Du   E393

Consideration on the importance of teachers' professional development in the strategy of strengthening colleges by talents  
Dong Tang   E394
Wind power predictability based on approximate entropy and monte Carlo prediction
Ke Tang; Yuan Xie; Huangtian Tian E395

Research on the teaching model of Tai Chi training techniques based on the behavior recognition and capture
Minghuan Tang E396

Investigating the effects of acetabular defects on DDH hip joint mechanics using the three-dimensional finite element method
Fengde Tian; Dewei Zhao; Lin Guo; Liangliang Cheng; Ning An; Ruihu Hao; Changcheng Wang E397

Research on modeling and optimization of carbon emission risk prevention and control in power system
Xin Tian; Fuqiang Li; Xueliang Li; Long Zhao; Yuyue Zhang E398

Research on generalized demand-side resources quality assessment based on SVM
Xin Tian; Guangfeng Zhao; Jian Wu; Yuyue Zhang; Long Zhao E399

Sustainable development of the urban economy in china based on the STATA panel data
Rongming Wang E400

Waveform prediction and analysis of China’s securities index based on the grey theory
Rongming Wang E401

Information-based ecological teaching in English class in higher vocational colleges
Feifeng Wang E402

Research on visual art design method based on virtual reality
Hui Wang; Jinjie Zhao E403

Research on the role of the musical auditory perception in piano performances
Jinzhe Wang E404

Research and implementation of text classification of computer Chinese speech recognition result
Jing Wang E405

Quantitative analysis of the data of standardization of project auditing on project cost control
Shu Wang; Xiaohui Zhang E406

Indoor wayfinding of out-patient departments-based on BIM and VR technologies
Yisu Wang; Yun Tian   E407

High resolution remote sensing image measurement framework based on image calibration model

Yuzhen Wang; Zixu Wang   E408

Remote sensing photogrammetry data projection model based on visual model

Yuzhen Wang; Zixu Wang   E409

Social security, family pension and economic growth
Yuan Wang; Yingjun Huang   E410

A blind separation method for chaotic signals based on cat swarm optimization
Chun Wu; Xiaoyan Ma; Wenbo Wang   E411

Landscape architecture construction technology and maintenance measures
Manxia Wu   E412

Application of the microorganism in remediation of the heavy metal pollution in water resources
Xianhua Wu; Yadong Xue; Shukun Wang   E413

Research on the evaluation of the sports instrument research and development technology based on the D-S theory
Yanping Wu   E414

Similarities and differences between Chinese and western music history from the perspective of art
Yun Wu   E415

Research on modular curriculum design of entrepreneurship education in applied universities in Hainan province
Yao Xiao   E416

Protective effect of ulinastatin on postoperative cognitive dysfunction in elderly patients
Yun Xiao; Yuanfeng Zhang; Linxiao Wang; Wu Huang; Huifang Yun; Xianju Zhou; Zhuoyou Chen; Minghai Wang; Chengliang Zhang; Xia Chen   E417

Application analysis of micro video resources in football teaching
Yongli Xie; Xiaofei Cai   E418

Low carbon economic competitiveness statistic measure analysis under big data perspective
Ling Xin   E419

Role of evolutionary game in assisting deduction of Chinese decision-making under the background
of China-US trade friction
Yuanyuan Xiu; Rui Liang; Wei Cui  E420

Dynamic relevance between interest rate and exchange rate parity, the Sino-us interest spread and China's macroeconomic fluctuation
Can Xu; Jiaming Liu  E421

Discussion based on modern art design and ethnic cultural symbols
Dan Xu  E422

Research on the development and design of Hainan cultural tourism products based on virtual reality technology
Jia Xu  E423

The Relationship Between the Organizational Support, the Psychological Capital and the Job Performance of Gas Station Managers
Zhongzhu Xu  E424

Regional Differences and Analysis of Photovoltaic Power Generation in China
Jianfeng Xu; Qingren Cao  E425

Application of the Interaction Design in the Ceramic Product Design
Xiaozheng Xu; Ying Li  E426

Inheritance and Development of the Ceramic Glaze in the Modern Art and Craft of Pottery
Xiaozheng Xu  E427

Practical Exploration of the Virtual Simulation Experiment Teaching of Ceramic Art Design
Xiaozheng Xu  E428

Study on the Preparation and Properties of the Art Ceramic Materials
Xiaozheng Xu; Ying Li  E429

On the Education of Foreign Literature and Culture in the Context of the Cultural Confidence
Can Yang  E430

Therapeutic Effect of Different Chemoradiotherapy Modes on Advanced Non-small Cell Lung Cancer
Jiao Yang; Yalin Li; Wenjiao Shan; Heng Yuan; Yi Hao; Yan'e Chu  E431

Estimation and Research on Unknown Risk of Road and Bridge Tunnel Based on Random Walk Model
Liyuan Yang; Shuhong Zhao  E432
The Chinese Cultural Image of the Hahoe Village Fengshui in Korea
Linxi Yang; Kongmeng Li E433

On the Interaction and Integration of Ethnic Music Elements and the Modern Composition Techniques
Lingling Yang E434

Reflections on English Teaching in the Model of English Applied Talent Cultivation under the Background of Internet
Ni Yang E435

Training and Application of the Vocal Music Art Performance Technologies
Sanxia Yang E436

Research on Cross-cultural Adaptation of Foreign Students from Countries along the Belt and Road Initiative
Shuangshuang Ye E437

Some Legal Issues of Electronic Contract in the Internet Financial Environment
Quan Yuan E438

Study of Network Size Estimation Algorithm for Peer-to-Peer Network
Bin Zeng; Lu Yao E439

Low-carbon Environmental Protection Enterprises: A life Cycle Approach to Explore the Interconnections Between Dynamic Capital
Hongbo Zhang; Hongming Zhang E440

Control Method of Under-actuated Biped Robots Based on the Gait Switching
Jianrui Zhang; Yani Lu; Ning Mi; Yitong Sun; Hongbo Luo; Jinchang Guo E441

Research on the Gait Planning and the Balance Control of Biped Robot Running and Jumping
Jianrui Zhang, Zhaohui Yuan, Sheng Dong, Fuli Zhang, Muhammad Tariq Sadiq, Na Liang E442

Teaching Reform of Art Course in Preschool Education Major in Higher Vocational Colleges Based on Interactive Data Analysis
Li Zhang E443

English Teaching Reform of Computer Major Supported by the Mobile Learning
Nan Zhang E444
Research on the Java Programming Characteristics and Technical Analysis in the Computer Software Development
Shufeng Zhang   E445

Teaching Reform of Art Courses for Preschool Education Majors in Higher Vocational Colleges Based on Data Visualization Analysis
Wei Zhang   E446

Fuzzy Multi-index Comprehensive Evaluation Model of Green Landscape Architecture in Tropical Zone
Xiangyong Zhang; Jing Yu   E447

Construction of the Virtual Simulation Teaching Resources and the Sharing Platform in Colleges and Universities
Xiaofeng Zhang; Yabin Niu   E448

Exploration on the Innovation of Education Management in Colleges and Universities in the Big Data Era
Xun Zhang; Dayong Lin   E449

Talking about the Function and Emotional Expression of Color in the Design of Cultural and Creative Products
Yujia Zhang; Hong Xiang   E450

Research on the Approaches of Targeted Poverty Alleviation Management in Tourism
Zhuoye Zhang; Sixue He; Haiyan Ye   E451

Exploration of the Combination Path of the Computer Multimedia Technologies and the College English Teaching
Zisheng Zhang   E452

Research and Design of Autism Diagnosis and Classification Information System Based on Facial Expression Data and Artificial Intelligence Technology
Wang Zhao   E453

Research on the Bamboo Flute Performance Training Method Based on the Computer Platform
Xun Zhao   E454

Research on the Optimization Recognition and Modeling Simulation of the Bamboo Flute Timbre Rationality
Xun Zhao   E455
Application of Fragmented Teaching Mode in the Background of "Internet +" in the Teaching of Cross-border E-commerce Courses
Yanan Zhao E456

Research on the Music Vocal Music Teaching Model Based on the Computer Platform
Yutao Zhao E457

Numerical Simulation of Fluid Mud Flow along Channel of Lianyungang Port based on Improved 3D Suspended Sediment Model
Zhangyi Zhao; Qixiu Pang E458

On the Application of Traditional Folk Art Elements in Visual Communication Design
Ruhao Zhou E459

Research on the Traditional Chinese Medicine Therapy of Sports Fatigue of Middle and Long Distance Running Teams in Colleges and Universities
Yuanming Zhu E460

Teng'an Zou; Jingzi Deng; Haijun Xu; Xiang Zhang; Lei Zhang; Junhong Yang E461

Teng'an Zou; Jingzi Deng; Xiaojun Xu; Xiang Zhang; Haijun Xu; Junhong Yang E462

Exploring Several Key Elements in the Construction of Business English Linguistics
Hui Zuo E463

Study on the Theoretical System of Business English Linguistics
Hui Zuo E464

Diagnostic Analysis of Obstetric Ultrasound in Postmenopausal Vaginal Hemorrhage
Yunpeng Zuo; Li Zhang; Yaoxuan Xu E465

Application of Fetal Heart Ultrasound Screening in Congenital Heart Disease Detection
Yunpeng Zuo; Maosheng Gu; Ruijie Wang E466
Video Data Transmission Protocol for Vehicular Ad-Hoc Networks
Tao Zhang   E501

DFA-Petri Internet Model-Based IWD Optimal Scheduling of Overhead Travelling Cranes
Hui Yu   E502

Research on LEACH-Based Wireless Sensor Network Routing
Cang Wang; Shikun Zhang   E503

Research on Dynamic Domain Contour Line-Based Multi-target Surround Tracking Method
Huanhuan Zhang; Qinqin Cui   E504

MAC Protocol Based on Centralized Time Division Multiple Access in Medium and Small Local Area Networks
Yingxiong Nong   E505

Multichannel Collaborative Load Balancing-Based Routing
Lie Sun   E506

Distributed Hue Recognition-based WSNs Network k Connectivity Path Detection
Zixuan Yue; Wenqi Huo   E507

Research on the Power Allocation Algorithm for Lifetime Maximization
Rongyi He   E508

Random Parallel Community Detection Based on Greedy Local Path Re-interconnection
Huabing Wang; Chunrong Qiu; Yuzhu Cheng   E509

Collision Detection Method for Sports Ball Game in Virtual Reality Designed for User Experience
Bin Zhang; Dazhi Feng   E510

Joint Trajectory Tracking Prediction Based on Complex Number Weight Network
Lizheng Liu; Fangai Liu   E511

Underwater Sensor Network Opportunity Routing Based on Optimal Relay Level
Xiangtian Zheng; Haitao Ma; Guiwen Ren; Feng Yang; Ce Li   E512

A Method of Dividing Road Network Overlapping Blocks Based on Road Hierarchy Structure
Haiyan Wang   E513

Quantifiable Community Hidden Algorithm Considering Internal and External Equilibrium Security Gain
Wei Hou   E514
Research of Spread Routing Protocol for Delay Tolerant Networks
Wei Hou   E515

Selection Algorithm of Forwarding Node in Wireless Mesh Network
Huikai Zhao   E516

Current Pulsating Suppression Method for Direct Torque Control of Three Level Induction Motor
Xinxin Hu; Fengshou Liang   E517

Study on Control Simulation of Three-Phase VIENNA Rectifier Based on Miscellaneous Model Prediction
Xinxin Hu; Fengshou Liang   E518

The Research on Building Construction Quality Control System Based on Non-Linear SVM Algorithms
Huiqin Gao; Jingai Liu   E519

Evaluation of Resource Allocation Based on Cellular Neural Network under the Background of Big Data
Min Huang; Xinming Zhang; Haiyi Jia   E520

Prediction of Strength of Recycled Concrete under Big Data
Yue Yue; Shuyang Liu; Yingqian Zhang   E521

Signal Local Reconstruction Algorithms Based on Unsupervised Learning of Compressed Sensing Discrete Wavelet
Xiao-Li Ren; Jian-Wei Yang; Nai-Qian Li   E522

Multi-GPU Convolutional Neural Network Urbanization Quality Difference Evaluation Method
Yanyan Li   E523

Local SVDD for Large Scale One-class Problem
Zhigang Wang   E524

Multiple Instance Hashing with miGraph Kernel
Zhigang Wang   E525

3D Reconstruction Based on KAZE Quasi-Dense Match Algorithm
Jia-xi Zhang; Dan Li; Meng Zhang; Ming-feng Hong   E526
Evaluation Model Based on Affine Invariant Support Vector Machine Algorithm  
Ke Zhang; Meng Yang  E527

Prediction of Receptor-Drug Interactions Based on HMM-SVM Algorithm Data Mining  
Fujun Gao  E528

Relationship Model of Mental Health Based on GNG-SVM Algorithm  
Ke Zhang; Meng Yang  E529

A Secure and Efficient Key Management Scheme Design for WSNS  
Risheng Huang  E530

Seismic Analysis Model of First Overtaking Structural Bridges Based on Support Vector Machine-Simulated Annealing Method  
Qing-Qing Ma  E531

Real-time Software Online Test Method Based on Time Petri Net Model  
Tingting Rao; Caiquan Xiong; Mingli Wang  E532

Multi-Step Forward Machine Matching Model Based on Nonlinear System  
Haiyan Yu; Tao Su  E533

Intelligent Wheelchair Movement Control Based on Markov Chain Fuzzy Process  
Xun Gong  E534

Wind Turbine Yaw Control System Based on Fuzzy PID Adaptive Control Algorithm  
Yuhang Tan; Kangyou Liang; Baoliang Yang  E535

Ultimate Strain Analysis of Rock and Soil Foundation of Underground Tunnel  
Yu Zou  E536

Land Resource Sharing and Coordination Mechanism Based on Concept Drift Detection Classification  
Sanxi Ma  E537

Stochastic Optimal Power Flow Algorithm Based on Single Objective Optimization  
Limin Liu; Junyong Liu; Man Xie; Youbo Liu  E538

Finite Difference Forward Modelling with Attenuation Full Variation Under Consideration in 3D Seismic Exploration  
Delong Yu  E539

Athletes’ Physical Training Program Arrangement Based on the Model of Pruning Decision Tree
Dongbing Liu   E540

University Innovation and Entrepreneurship Performance Evaluation in Multi-data Format from the Perspective of Large Data
Benqiang Wang   E541

A Study on Game Strategies for Travel Choice between Government and People Based on Cumulative Prospect Theory
Qikai Qu; Fujian Chen; Xiaojian Zhou   E542

Industrial Chain Financial Risk Analysis Based on Convertible Curve Regression under Uncertain Conditions
Qianmei Chen   E543

WSNs Confidence Distance Bitmap Signal Source Estimation Based on Extended Three-Dimensional Pulse Ranging
Xiaobo Yin; Guangyu Xu   E544

Decision-Making for Unconventional Emergencies Based On GA-BP Algorithm
Leiwen Chen; Yingming Wang; Geng Guo   E545

Algae microscopic image texture template optimization based on cuckoo search algorithm
Jing Chen   E546

Smart city planning and construction based on multi-resolution wavelet analysis discovery technology
Jun Zhang; Jia Xu   E547

Advertising budget allocation strategy based on time slot stack deterministic search
Wenling Zhu   E548

Implementation of Hadoop optimization K-means parallel clustering algorithm
Suyu Huang; Lingli Tan   E549

Modeling and simulation experiment of Segway system based on MATLAB
Jianming Liu; Weihong Chen   E550

Semi-supervised Cop-Kmeans clustering analysis of language culture in English translation
Haiyan Yu; Tao Su   E551

A normative guidance model of basketball players’ movements based on local sorting ant colony optimization
Ye Yang; Haixiong Ye; Yaxin Cao; Meng Sun   E552
Research on engineering cost control based on genetic optimization algorithm for construction site of intelligentization
Hao Wang   E553

Analysis of mental health of college students based on fuzzy option relation
Hua Wang   E554

Damage identification algorithm of beam bridge structure based on curvature mode and strain mode
Hao Wang; Kun Ma   E555

MAC protocol of centralized time division multiple access based on threshold correction in internet of vehicles
Ze Wu   E556

Data integrity verification scheme for multilayer distributed private clouds resources in cloud computing environment
Gang Zhou; Gangshan Cai   E557

Research on an artificial immune system-based storage security detection
Gang Zhou; Gangshan Cai   E558

An empirical study on the relationship between investor sentiment and stock return forecast in emerging markets
Zi Huang   E559

Simulation of production strategy decision of chemical supply chain based on inventory classification
Junjun Gao; Shuo Wang   E560

Algorithm of contrast restriction self-adaption face recognition and based on raster model
Na Liu   E561

Intelligent measurement and control system of greenhouse environment based on the of hybrid incremental PID control
Lingyi Zhang; Yuming Shen   E562

Empirical analysis on the financial governance risk based on C-SVM data mining
Ying Wang   E563

Vector control of the pumped storage motor with constant-variable speed conversion based on the vector control
Xu Zhuang; Baojun Ge   E564
Facial feature detection based on the incremental image particle sharpening
Yan Wang; Ang Li; Shu-jun Chen; Xiu-mei Wang

Research on the sustainable supply chain management based on v-SVM assessment model
Hang Shen; An-min Liu

Research on the fault diagnosis of induction motor based on filter reasoning of the dynamic space
Faqi Yan; Shenzeng Luo; Yang Zhou

Planning strategy of the distinctive town based on the discrete rough set
Kui Deng; Liang Xu

Water quality surveillance of the aquaculture environment based on the dynamics particle filter model
Yanhong Shang; Jing Zhang

Design of beidou positioning intelligent shared logistics box system
Hongliang Ruan; Dongbo Yang; Yongning Wang

Emotional analysis of short text based on LDA three-way decision mixed topics vector model
Dexin Wang; Kuiyu Tang; Limin Wang

Rural spatial planning and construction management based on self-organizing neural network model
Yi Jin

Green building evaluation system based on data driven self-organizing neural network
Guo Kang

Real estate customer behavior analysis based on parallel ant colony clustering algorithm
Mei Du; Yanliang Yu; Xu Chen

Risk analysis of investment and trade behavior based on uncertain data clustering
Jun Chen; Zhongxin Yue

Analysis of agricultural supply chain with quantifiable complex network considering security grain
Hui Yang

Multi-robot SLAM multi-view target tracking based on panoramic vision in irregular environment
Ruiqi Wang; Ziqin Yuan; Xiangqi Meng; Guohua Chen

Path planning of flexible mechanical arm of discrete continuous attributes based on fuzzy clustering
Weichi Pei; Haiyang Long; Hongchao Ji
Multi-velocity Particle Swarm Optimization (MVPSO) model for warehouse supply chain coordination considering product recycling
Junjun Huang E579

Fuzzy logic guided parameters optimization in gEUD-based inverse treatment planning
Linhua Zhang; Sheng Zhang; Caiping Guo E580

Evaluation of innovation capability based on fuzzy C-means clustering of user evaluation criteria
Ping Zhu; Zhe Xu E581

Adaptive segmentation of focal points in CT hepatic tumor images based on texture feature PSO algorithm
Li Xu; Jinniu Bai E582

Dynamic analysis of flow field in non-contact wire mesh printing coating adhesive
Peibo Li; Peixing Li; Yanhui Guo E583

Routing optimization of wireless sensor networks based on distance model of real-time power consumption
Hui Li; Wenqing Xiong; Fei Dai E584

Evaluation research of professional courses based on big data feature graph fusing convolution neural network algorithm
Hai Li; Yingping Li E585

Character image building method based on graph model collaborative clustering recommendation in the era of big data
Gaonan Xu E586

Routing identification mechanism of wireless sensor networks based on improved artificial bees calculation
Baoguo Zeng; Yan Zeng E587

Emotional tendency recognition of self-media contents based on word relevance multidimensional time series
Limin Wang; Shuying Bai; Dexin Wang E588

Performance evaluation on low-carbon operation of enterprises under the ecological environmental protection regulations
Tongtong Wang; Xin Guo E589
An efficient and secure order-preserving encryption in cloud computing
Dongping Hu  E590

Hyper-competitive game theory era: A technological education determinants of university social responsibility
Ming-Yuan Hsieh  E600