

**2022 年第一、二季度
Ei Compendex 收录
沈阳工业大学论文统计**

沈阳工业大学图书馆学科服务组

2022 年 6 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2022 年 1 月 1 日至 2022 年 6 月 30 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author Afflication”字段；
- ④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

2、本次统计工作由图书馆学科服务组工作人员完成，统计结果若有不准确之处，请与我们联系更正。

联系人：刘英煜 商璐

联系电话：25496607

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一、2022 年第一、二季度 Ei (JA) 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) Accession number:EI 论文收录编号

(2) Title:论文题目

(3) Authors:作者英文姓名

(4) Source title: 论文来源

(一) 机械工程学院 (48 篇)

1. **Accession number:** 20223212552388
Title: Interphase elastic properties of carbon nanotube-epoxy composites and their application in multiscale analysis
Authors: Song, Zhaobo ; Li, Yunlong ; Carpinteri, Alberto; Wang, Shijie ; Yang, Bin
Source title: Materials and Design
2. **Accession number:** 20221812055997
Title: Dynamic response and time-variant reliability analysis of an eight-rod shock isolator
Authors: Liu, Hui-Zhen ; Huang, Xian-Zhen ; Yan, Ming ; Chang, Miao-Xin
Source title: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science
3. **Accession number:** 20221511947187
Title: Multi-physics field coupling and microstructure numerical simulation of laser cladding for engine crankshaft based on CA-FE method and experimental study
Authors: Wang, Lipeng ; Zhang, Dacheng ; Chen, Changzheng ; Fu, Hao ; Sun, Xianming
Source title: Surface and Coatings Technology
4. **Accession number:** 20222212177871
Title: Controllability of the elastic modulus and stiffness of magnetostrictive material spring element in a mechanical vibration system
Authors: Wei, Linru ; Lim, C.W. ; Liu, Huifang
Source title: International Journal of Mechatronics and Manufacturing Systems
5. **Accession number:** 20221511953783
Title: An energy-efficient method of laser remanufacturing process
Authors: Jiang, Xingyu ; Tian, Zhiqiang ; Liu, Weijun ; Tian, Guangdong ; Gao, Yun ; Xing, Fei ; Suo, Yingqi ; Song, Boxue
Source title: Sustainable Energy Technologies and Assessments
6. **Accession number:** 20222812356093
Title: Study on defect detection of morphological infrared images based on optimal multi-scale set
Authors: Kang, Shuang ; Chen, Changzheng ; Liu, Shi ; Zhou, Bo ; Tang, Wanru
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
7. **Accession number:** 20222512258161
Title: Theoretical and Experimental Investigation of a Rotational Magnetic Couple Piezoelectric Energy Harvester
Authors: Sun, Feng ; Dong, Runhong ; Zhou, Ran ; Xu, Fangchao ; Mei, Xutao
Source title: Micromachines
8. **Accession number:** 20220811702584
Title: Development and Performance Analysis of Pneumatic Soft-Bodied Bionic Flipper
Authors: Zhao, Wenchuan ; Zhang, Yu ; Lim, Kian Meng ; Luo, Jun ; Wang, Ning
Source title: Advanced Engineering Materials
9. **Accession number:** 20221311847204
Title: Research on Tribological Properties and Viscoelasticity of EPDM Rubber in the Main Drive Sealing System of Shield Machine

- Authors:** Sun, Qi ; Wang, Shijie ; Lv, Xiaoren
Source title: Journal of Tribology
- 10. Accession number:** 20223412590761
Title: Effect of load on the stick-slip phenomenon and wear behavior of EPDM
Authors: Sun, Qi ; Wang, Shijie ; Lv, Xiaoren
Source title: Polymer Testing
- 11. Accession number:** 20223512646782
Title: Preparation and Analysis of Artificial Muscle Fibers Based on Liquid Crystal Elastomers and Liquid Metals
Authors: Lu, Haiqing ; Wu, Xingli ; Zhang, Peng ; Ye, Chaochao ; Wei, Wenqing
Source title: Cailiao Daobao/Materials Reports
- 12. Accession number:** 20222012109332
Title: Research Progress of Intelligent Self-healing Materials
Authors: Zhang, Zhong ; Lyu, Xiaoren ; Yu, Helong ; Xu, Binshi
Source title: Cailiao Daobao/Materials Reports
- 13. Accession number:** 20220311465987
Title: Energy-efficient scheduling of flexible job shops with complex processes: A case study for the aerospace industry complex components in China
Authors: Jiang, Xingyu ; Tian, Zhiqiang ; Liu, Weijun ; Suo, Yingqi ; Chen, Keqiang ; Xu, Xiaowen ; Li, Zhiwu
Source title: Journal of Industrial Information Integration
- 14. Accession number:** 20221511958215
Title: Effect of carbide precipitation behavior at high temperatures on microstructure and mechanical properties of M50 steel
Authors: Yu, X.F. ; Zheng, D.Y. ; Yang, X.F. ; Wang, S.Y. ; An, M. ; Yan, G.B. ; Xia, Y.Z. ; Xing, F.
Source title: Journal of Materials Research and Technology
- 15. Accession number:** 20221011759651
Title: Research on stick - slip behavior and tribological properties of ethylene - propylene diene monomer under various wear velocity conditions
Authors: Sun, Qi ; Wang, Shijie ; Lv, Xiaoren
Source title: Polymer International

- 16. Accession number:** 20220211435910
Title: Event-triggered neuroadaptive output-feedback control for nonstrict-feedback nonlinear systems with given performance specifications
Authors: Yang, Di ; Liu, Weijun ; Guo, Chen
Source title: Nonlinear Dynamics
- 17. Accession number:** 20221211825960
Title: Dynamic Simulation of Laser Perforation Based on Dynamic Phase-Interface-Based Heat Source Model
Authors: Xu, Fangchao ; Wang, Zhidong ; Tong, Ling ; Xu, Zhe ; Sun, Feng ; Zhang, Xiaoyou
Source title: Zhongguo Jiguang/Chinese Journal of Lasers
- 18. Accession number:** 20222512254045
Title: Independent Cascade Control Method for Permanent Magnetic Levitation Platform
Authors: Zhao, Chuan ; Sun, Feng ; Pei, Wenzhe ; Jin, Junjie ; Xu, Fangchao ; Zhang, Xiaoyou
Source title: Xinan Jiaotong Daxue Xuebao/Journal of Southwest Jiaotong University
- 19. Accession number:** 20222512253898
Title: Micro-positioning Control of Magnetic Actuator for Electrical Discharge Machining
Authors: Xu, Chengcheng ; Xu, Fangchao ; Sun, Feng ; Zhang, Xiaoyou ; Jin, Junjie ; Luan, Boran
Source title: Xinan Jiaotong Daxue Xuebao/Journal of Southwest Jiaotong University
- 20. Accession number:** 20222512253938
Title: Mechanical Properties of Scroll Compressor with Permanent Magnetic Compliance Mechanism
Authors: Shi, Ce ; Xu, Fangchao ; Sun, Feng ; Jin, Junjie ; Tong, Ling ; Zhou, Qing ; Zhang, Xiaoyou
Source title: Xinan Jiaotong Daxue Xuebao/Journal of Southwest Jiaotong University
- 21. Accession number:** 20221611963940
Title: Research of permanent magnetic levitation system: Analysis, control strategy design, and experiment
Authors: Zhao, Chuan ; Sun, Feng ; Jin, Junjie ; Pei, Wenzhe ; Xu, Fangchao ; Oka, Koichi ; Zhang, Ming
Source title: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science
- 22. Accession number:** 20222212173250
Title: Effect of modified nano/Mg(OH)₂ on the flame retardancy and mechanical properties of NBR based on molecular simulation
Authors: Honglei, Yu ; Dexi, Wang ; Niansheng, Liu ; Yunlong, Li
Source title: Modelling and Simulation in Materials Science and Engineering
- 23. Accession number:** 20222012127510
Title: Permanent Maglev Platform Using a Variable Flux Path Mechanism: Stable Levitation and Motion Control
Authors: Sun, Feng ; Pei, Wenzhe ; Zhao, Chuan ; Jin, Junjie ; Xu, Fangchao ; Zhang, Xiaoyou

- Source title:** IEEE Transactions on Magnetics
- 24. Accession number:** 20223112528964
Title: Surface Roughness Prediction of Screw Belt Grinding Based on Improved Neural Network Algorithm
Authors: Dong, Hao-Sheng ; Yang, He-Ran ; Sun, Xing-Wei ; Dong, Zhi-Xu ; Liu, Yin
Source title: Surface Technology
- 25. Accession number:** 20222312206127
Title: Study on precision dicing process of SiC wafer with diamond dicing blades
Authors: Wang, Xue ; Yuan, Zewei ; Zhuang, Peng ; Wu, Tianzheng ; Feng, Shuang
Source title: Nanotechnology and Precision Engineering
- 26. Accession number:** 20222512260806
Title: Influence of fluid viscosity on metering characteristics of the turbine flowmeter
Authors: Sun, Xingwei ; Li, Yilin ; Yang, Heran ; Dong, Zhixu ; Wang, Haiyan
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 27. Accession number:** 20220211444119
Title: Influence factors of nonlinear stiffness of bolted flange connection structure under different loads
Authors: Wang, Kaiping ; Yan, Ming ; Sun, Ziqiang ; Su, Donghai ; Hui, Anmin ; Liu, Haichao
Source title: Hangkong Dongli Xuebao/Journal of Aerospace Power
- 28. Accession number:** 20222312206280
Title: Prediction of cutting force in ultra-precision machining of nonferrous metals based on strain energy
Authors: Wang, Ying ; Yuan, Zewei ; Wu, Tianzheng ; Yan, Heran
Source title: Nanotechnology and Precision Engineering
- 29. Accession number:** 20220211443852
Title: Vibration and stability analysis of vibration isolator with opposed disc springs of pre-tightening under boundary friction condition
Authors: Yan, Ming ; Hui, An-Min ; Sun, Zi-Qiang ; Zhang, Xiao-You ; Wang, Kai-Ping ; Liu, Hai-Chao
Source title: Zhendong Gongcheng Xuebao/Journal of Vibration Engineering
- 30. Accession number:** 20220711643066
Title: Dynamic characteristics analysis of wind power planetary spur gears' internal meshing under hybrid elasto-hydrodynamic lubrication
Authors: Ning, Zhiyuan ; Chen, Changzheng ; Kong, Xiangxi
Source title: Taiyangneng Xuebao/Acta Energetica Sinica
- 31. Accession number:** 20221511963210
Title: Wind turbine rolling bearing fault diagnosis method based on enhanced morphological filtering and third-order cumulant diagonal slice spectrum
Authors: Luo, Yuanqing ; Chen, Changzheng ; Zhao, Siyu
Source title: Taiyangneng Xuebao/Acta Energetica Sinica
- 32. Accession number:** 20223312577365
Title: Influence of characteristic parameters on the tribological properties of vein-bionic textured cylindrical roller thrust bearings

- Authors:** Zhao, Chao ; Long, Risheng ; Zhang, Yimin ; Wang, Yibing ; Wang, Yueyong
Source title: Tribology International
- 33. Accession number:** 20222612298165
Title: Effect of Vacuum Graded Quenching on Microstructure and Mechanical Properties of 8Cr4Mo4V Steel
Authors: Yu, Xingfu ; Wang, Shengyu ; Wang, Yupeng ; Yang, Shuxin ; Yang, Yu ; Su, Yong ; Feng, Xiaochuan
Source title: Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
- 34. Accession number:** 20223312579721
Title: Modeling and parameter identification integrated data and mechanism for verification system
Authors: Qiao, Jinghui ; Pan, Zhong ; Xiong, Ningkang ; Chen, Yuxi ; Li, Hongda
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 35. Accession number:** 20222512254873
Title: Analysis of the Dynamic Characteristics of the Multi-rod Impact Isolation Device
Authors: Liu, Huizhen ; Meng, Xiansong ; Liang, Song ; Yan, Ming
Source title : Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis
- 36. Accession number:** 20220411536242
Title: Numerical Simulation of Bolt Loosening Behavior and Critical Value of Aeroengine under Shear Load
Authors: Wang, Kai-Ping ; Yan, Ming ; Sun, Zi-Qiang ; Su, Dong-Hai ; Liu, Hai-Chao ; Hui, An-Min
Source title: Tuijin Jishu/Journal of Propulsion Technology
- 37. Accession number:** 20221511963218
Title: Secondary frequency regulation control of wind farm based on generalized predictive control
Authors: Liu, Yingming ; Wang, Shuqi ; Wang, Xiaodong
Source title: Taiyangneng Xuebao/Acta Energetica Sinica
- 38. Accession number:** 20223612685847
Title: Assessment of icing state of wind turbine blades based on WD-LSTM
Authors: Liu, Jie ; Yang, Na ; Tan, Yutao ; Sun, Xingwei
Source title: Taiyangneng Xuebao/Acta Energetica Sinica
- 39. Accession number:** 20221011745284
Title: Depth detection of spar cap defects in large-scale wind turbine blades based on a 3D heat conduction model using step heating infrared thermography
Authors: Zhang, X.Y. ; Zhou, B. ; Li, H. ; Xin, W.
Source title: Measurement Science and Technology
- 40. Accession number:** 20221411924770
Title: Mechanical Properties of Amide Functionalized CNT/NBR at Different Temperatures: A Molecular Dynamics Study
Authors: Ji, Longcheng ; Chen, Lijia ; Lin, Li ; Wang, Shijie
Source title: Polymers

- 41. Accession number:** 20221712027967
Title: Parameter optimization of magnetostrictive bistable vibration harvester with displacement amplifier
Authors: Liu, Huifang ; Zhao, Luyao ; Chang, Yunlong ; Shan, Guangkun ; Gao, Yifei
Source title: International Journal of Mechanical Sciences
- 42. Accession number:** 20222212182931
Title: The Impact of Prenitriding on the Microstructure and Mechanical Properties of the Carburized Surface Layer in a Martensitic Stainless Steel
Authors: Tian, Yong ; Song, Chaowei ; Wang, Bin ; Wang, Zhaodong ; Wang, Guodong ; Wang, Haojie
Source title: Steel Research International
- 43. Accession number:** 20222312197208
Title: Study on dip error compensation model of laser displacement sensor and its application in measurement of spiral curved surface profile
Authors: Dong, Zhixu ; Guo, Renjie ; Sun, Mengnan ; Xu, Wei
Source title: Optical Engineering
- 44. Accession number:** 20221011757027
Title: A New Feature Extraction Technique for Early Degeneration Detection of Rolling Bearings
Authors: Lv, Mingzhu ; Liu, Shixun ; Chen, Changzheng
Source title: IEEE Access
- 45. Accession number:** 20220811676309
Title: Effect of Quenching and Tempering Treatment on Microstructure and Mechanical Properties of CSS-42L Bearing Steel
Authors: Yu, Xingfu ; Shen, Xiangyang ; Wang, Shisu ; Su, Yong ; Zhao, Wenzeng ; Wei, Yinghua
Source title: Journal of Materials Engineering and Performance
- 46. Accession number:** 20222012104577
Title: Working characteristics of a magnetostrictive vibration energy harvester for rotating car wheels
Authors: Liu, Huifang ; Dong, Weiwei ; Chang, Yunlong ; Gao, Yifei ; Li, Wencheng
Source title: Review of Scientific Instruments
- 47. Accession number:** 20221011769216
Title: Effect of heat treatment on rotating bending fatigue properties of K417G nickel-base superalloy
Authors: Yu, Xingfu ; Wang, Shijie ; Zheng, Dongyue ; Shen, Xiangyang ; Li, Yanbin ; Liu, Weijun ; Su, Yong ; Liu, Fang
Source title: Journal of Alloys and Compounds
- 48. Accession number:** 20220911732011
Title: Study on the shock resistance characteristics of wire rope isolator with different structure parameters
Authors: Tian, Haonan ; Shan, Guangkun ; Yan, Ming ; Kong, Xiangxi
Source title : Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis

(二) 材料科学与工程学院 (142 篇)

1. **Accession number:** 20221912102538
Title: Synthesis and electrochemical properties of Co-free P2/O3 biphasic $\text{Na}_{1-x}\text{Li}_x\text{Ni}_{0.33}\text{Mn}_{0.67}\text{O}_2$ cathode material for sodium-ion batteries
Authors: Feng, Jie ; Luo, Shao-hua ; Cong, Jun ; Li, Kun ; Yan, Shengxue ; Wang, Qing ; Zhang, Yahui ; Liu, Xin ; Lei, Xuefei ; Hou, Peng-qing
Source title: Journal of Electroanalytical Chemistry
2. **Accession number:** 20221611992357
Title: Facile design and synthesis of Co-free layered O3-type $\text{NaNi}_{0.2}\text{Mn}_{0.2}\text{Fe}_{0.6}\text{O}_2$ as promising cathode material for sodium-ion batteries
Authors: Feng, Jie ; Luo, Shao-hua ; Dou, YuXin ; Cong, Jun ; Liu, Xin ; Li, Pengwei ; Yan, Shengxue ; Wang, Qing ; Zhang, Yahui ; Lei, Xuefei ; Gao, Jianbo
Source title: Journal of Electroanalytical Chemistry
3. **Accession number:** 20221011753734
Title: Improvement of Interface Bonding and Thermal Conductivity of Carbon-Fiber Reinforced Aluminum Matrix Composites with Sn-Cu Coatings
Authors: Zhou, Qiwen ; Qu, Yingdong ; Li, Guanglong ; Singh, A. ; Su, Ruiming ; Chen, Ruirun ; Zhou, Shan ; Zhao, Yu ; Yang, Fei ; Li, Rongde
Source title: JOM
4. **Accession number:** 20220511559629
Title: Effect of thermally induced B2 phase on the corrosion behavior of an $\text{Al}_{0.3}\text{CoCrFeNi}$ high entropy alloy
Authors: Shi, Z.J. ; Wang, Z.B. ; Wang, X.D. ; Zhang, S. ; Zheng, Y.G.
Source title: Journal of Alloys and Compounds
5. **Accession number:** 20221511940870
Title: Sol-gel synthesis of nano block-like ZnMn_2O_4 using citric acid complexing agent and electrochemical performance as anode for lithium-ion batteries
Authors: Cai, Kexing ; Luo, Shao-hua ; Cong, Jun ; Li, Kun ; Yan, Sheng-xue ; Hou, Peng-qing ; Song, Yapeng ; Wang, Qing ; Zhang, Yahui ; Liu, Xin ; Lei, Xuefei ; Mu, Wenning ; Gao, Jianbo
Source title: Journal of Alloys and Compounds
6. **Accession number:** 20223412594656
Title: Engineering structure constructed CoP anode with enhanced bulk phase diffusion ability for superior potassium-ion storage
Authors: Wang, Bo ; Yang, Lan ; Yuan, Fei ; Zhang, Di ; Wang, Huan ; Wang, Jian ; Wang, QiuJun ; Li, Zhaojin
Source title: Journal of Alloys and Compounds
7. **Accession number:** 20221712012639
Title: Metal-organic framework derived CoSe_2/N -doped carbon core-shell nanoparticles encapsulated in porous N-doped carbon nanotubes as high-performance anodes for sodium-ion batteries
Authors: Feng, Jian ; Luo, Shao-hua ; Lin, Yi-cheng ; Zhan, Yang ; Yan, Sheng-xue ; Hou, Peng-qing ; Wang, Qing ; Zhang, Ya-hui

- Source title:** Journal of Power Sources
- 8. Accession number:** 20222412212275
Title: Coral-Like Hierarchical Nanostructured ZnMn₂O₄/Mn₂O₃ Composites Synthesized by Zinc-Absent Method as a High-Performance Cathode Material for Aqueous Zinc-Ion Batteries
Authors: Cai, Kexing ; Luo, Shao-Hua ; Cong, Jun ; Li, Kun ; Yan, Sheng-Xue ; Hou, Peng-Qing ; Wang, Qing ; Zhang, Yahui ; Liu, Xin
Source title: Journal of the Electrochemical Society
- 9. Accession number:** 20220111416604
Title: Enhanced electron transfer and ion storage in phosphorus/nitrogen co-doped 3D interconnected carbon nanocage toward potassium-ion battery
Authors: Yuan, Fei ; Sun, Huilan ; Zhang, Di ; Li, Zhaojin ; Wang, Jian ; Wang, Huan ; Wang, Qiuju ; Wu, Yusheng ; Wang, Bo
Source title: Journal of Colloid and Interface Science
- 10. Accession number:** 20221411881706
Title: Synthesis and Optimization of ZnMn₂O₄ Cathode Material for Zinc-Ion Battery by Citric Acid Sol-Gel Method
Authors: Cai, Kexing ; Luo, Shao-Hua ; Cong, Jun ; Li, Kun ; Yan, Sheng-Xue ; Hou, Peng-Qing ; Wang, Qing ; Zhang, Yahui ; Liu, Xin ; Lei, Xuefei
Source title: Journal of the Electrochemical Society
- 11. Accession number:** 20220211438509
Title: Edge-enrich N-doped graphitic carbon: Boosting rate capability and cyclability for potassium ion battery
Authors: Wang, Bo ; Gu, Lin ; Yuan, Fei ; Zhang, Di ; Sun, Huilan ; Wang, Jian ; Wang, Qiuju ; Wang, Huan ; Li, Zhaojin
Source title: Chemical Engineering Journal
- 12. Accession number:** 20221211816441
Title: Alpha-to-gamma phase transformation self-reinforcing of Alumina Ceramic Slit Array in Nd:YAG Laser Cutting Based on Vapor-to-melt Ratio Controlling
Authors: Luo, Yonghao ; Zhang, Weiye ; Ning, Chenhong ; Zhu, Xiaowu ; Wang, Yueliang ; Lu, Bingwen ; Li, Yanhui ; Zhang, Xinyue
Source title: Ceramics International
- 13. Accession number:** 20220511567082
Title: Hierarchical porous carbon nanofibers with enhanced capacitive behavior as a flexible self-supporting anode for boosting potassium storage
Authors: Sun, Huilan ; Zhu, Weiqi ; Yuan, Fei ; Zhang, Di ; Li, Zhaojin ; Wang, Qiuju ; Li, Wen ; Wang, Huan ; Wang, Bo
Source title: Journal of Power Sources
- 14. Accession number:** 20220411514626
Title: Microstructure and mechanical properties of transition zone in laser additive manufacturing of TC4/AlSi12 bimetal structure
Authors: Jing, Zhicheng ; Liu, Xiangyu ; Li, Lin ; Wang, Wenbo ; Xu, Guojian ; Chang, Lili
Source title: Materials Research Express
- 15. Accession number:** 20221211805902

Title: An Assessment of the High-Temperature Oxidation Resistance of Selected Thermal Sprayed High Entropy Alloy Coatings

Authors: Zhang, Xiao ; Zhang, Nannan ; Xing, Bowei ; Yin, Shuo

Source title: Journal of Thermal Spray Technology

16. Accession number: 20220411508270

Title: Thermoelectric Properties of Mg-rich Mg₃Bi₂ Films Prepared by Magnetron Sputtering

Authors: Song, Guihong ; Li, Xiuyu ; Li, Guipeng ; Du, Hao ; Hu, Fang

Source title: Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research

17. Accession number: 20221411878593

Title: Corrosion Resistance and Passivation Behavior of CoCrFeNi-TiAl High-Entropy Alloy Coatings in Acidic Solutions

Authors: Xing, Bowei; Ding, Qi ; Jin, Bingqian ; Zuo, Xiaojiao ; Zhang, Nannan ; Yin, Shuo

Source title: Journal of Thermal Spray Technology

18. Accession number: 20221111784108

Title: Influence of Microstructure Evolution on the Electrochemical Corrosion Behavior of (CoCrFeNi)₉₄Ti_{1.5}Al_{4.5} High Entropy Alloy Coatings

Authors: Xing, Bowei ; Zuo, Xiaojiao ; Li, Qiannan ; Jin, Bingqian ; Zhang, Nannan ; Yin, Shuo

Source title: Journal of Thermal Spray Technology

19. Accession number: 20223112453225

Title: Controlling the anisotropy behaviour of 3D printed ceramic cores: From intralayer particle distribution to interlayer pore evolution

Authors: Li, Qiaolei ; Hou, Weiqiang ; Liang, Jingjing ; Zhang, Chaowei ; Li, Jinguo ; Zhou, Yizhou ; Sun, Xiaofeng

Source title: Additive Manufacturing

20. Accession number: 20220411515937

Title: Hierarchical Cu_{0.92}Co_{2.08}O₄@NiCo-layered double hydroxide nanoarchitecture for asymmetric flexible storage device

Authors: Wang, Xiaowei ; Sun, Yuchen ; Zhang, Wei-Chao ; Liu, Ji ; Wu, Xiang

Source title: Materials Today Sustainability

21. Accession number: 20222512256884

Title: Synthesis and electrochemical performance of nanosheet lamellar ZnMn₂O₄ anodes for Li-ion batteries by microwave hydrothermal method

Authors: Cai, Kexing ; Luo, Shao-hua ; Wang, Yuhe ; Cong, Jun ; Yan, Sheng-xue ; Hou, Peng-qing ; Song, Yapeng ; Teng, Fei ; Wang, Qing ; Zhang, Yahui

Source title: Ionics

22. Accession number: 20222712331438

Title: Investigation of Ti-substitution and MnPO₄ coating effects on structural and electrochemical properties of P₂-Na_{0.67}Ti_xNi_{0.33}Mn_{0.67-x}O₂ cathode materials

Authors: Feng, Jie ; Luo, Shao-hua ; Sun, Mengyao ; Cong, Jun ; Yan, Shengxue ; Wang, Qing ; Zhang, Yahui ; Liu, Xin ; Mu, Wenning ; Hou, Peng-qing

Source title: Applied Surface Science

23. Accession number: 20220411499906

- Title:** PPy decorated α -Fe₂O₃ nanosheets as flexible supercapacitor electrodes
Authors: Xia, Qing ; Xia, Tong ; Wu, Xiang
Source title: Rare Metals
- 24. Accession number:** 20223312567656
Title: Numerical simulation of an external cusp magnetic field on the welding arc
Authors: Liu, Dan ; Zhao, Honglei ; Shi, Lei ; Chang, Yunlong
Source title: AIP Advances
- 25. Accession number:** 20222012124639
Title: Evolution of yield behavior for AA6016-T4 and DP490 - Towards a systematic evaluation strategy for material models
Authors: Du, Kai ; Huang, Shaohui ; Li, Xiaoqiang ; Wang, Haibo ; Zheng, Wentao ; Yuan, Xiaoguang
Source title: International Journal of Plasticity
- 26. Accession number:** 20221311852061
Title: Strengthening behavior of AlCoCrFeNi(TiN)_x high-entropy alloy coatings fabricated by plasma spraying and laser remelting
Authors: Jin, Bingqian ; Zhang, Nannan ; Yin, Shuo
Source title: Journal of Materials Science and Technology
- 27. Accession number:** 20221311850772
Title: Investigation on morphology of primary Mg₂Si in Al-20wt.%Mg₂Si composite with experiment and first-principle calculations
Authors: Liu, Tong-yu ; Zou, Xue ; Yang, Chao ; Pan, Ying ; Ren, Yu-yan ; Li, Ying-min
Source title: Materials Characterization
- 28. Accession number:** 20220211439296
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Title: A Contour Tracking Control Method of Direct Drive H-Type Platform Considering the Influence of Synchronization Error
Authors: Zhang, Kang ; Wang, Limei
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 72. Accession number:** 20220711642973
Title: Fault detection based on online sequential extreme learning machine using quantum evolutionary algorithm for pitch system
Authors: Li, Qiang ; Zhang, Yuxian
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
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Title: Surface Charge Characteristics of DC-GIL Insulator Under Multiphysics Fields: 3-D Modeling
Authors: Li, Xiaolong ; Wan, Mingde ; Zhang, Guangkuo ; Lin, Xin
Source title: IEEE Transactions on Dielectrics and Electrical Insulation
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Title: Power Information Integration Technology of Interleaved Parallel DC-DC Converters Based on MQAM
Authors: Guo, Hao ; Li, Yan ; Hou, Bingbing ; Jing, Yongteng
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

- 75. Accession number:** 20220411489042
Title: Nonsingular Terminal Sliding Mode Control Based on Adaptive Time Delay Estimation for Permanent Magnet Linear Synchronous Motor
Authors: Fu, Dongxue ; Zhao, Ximei ; Yuan, Hao
Source title: International Journal of Control, Automation and Systems
- 76. Accession number:** 20221611986198
Title: A detection method of magnetization signal of nanoparticles based on iterative compensation
Authors: Zu, Wannu ; Ke, Li ; Du, Qiang ; Wen, Kaicheng ; Wu, Ming
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
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Title: Analytical model of mechanical properties of carbon fiber magnetic powder film-level magnetic materials for high-speed motors
Authors: Wang, Zerun ; Zhang, Yue ; Wang, Tianyu ; Bai, Bin ; Zhang, Fengge
Source title: Energy Reports
- 78. Accession number:** 20223412613219
Title: Magnetostrictive biomechanical energy harvester with a hybrid force amplifier
Authors: Wang, Zerun ; Zhang, Yue ; Wang, Tianyu ; Bai, Bin ; Zhang, Fengge
Source title: International Journal of Mechanical Sciences
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Title: Two-Stage Robust Optimal Scheduling of “Nearly-Zero-Carbon Park” Considering the Synergy of Waste Disposal and Carbon Capture Gas-Fired Power Plants
Authors: Yao, Zongjun ; Zhang, Tieyan ; Zhao, Yan
Source title: Frontiers in Energy Research
- 80. Accession number:** 20220711643085
Title: Research on anomaly sensing method of yaw mechanism of wind turbine based on data analysis
Authors: Zhao, Lijun ; Xing, Zuoxia ; Liu, Yang ; Zhao, Chunyi ; Chen, Lei ; Li, Wei
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
- 81. Accession number:** 20221311837443
Title: Bi-level decision matrix based fault location method for multi-branch offshore wind farm transmission lines
Authors: Wang, Xiaodong ; Gao, Xing ; Liu, Yingming ; Wang, Ruojin ; Ma, Ning ; Qu, Meining
Source title: International Journal of Electrical Power and Energy Systems
- 82. Accession number:** 20222512240458
Title: Anti-inertial loading platform: New method of resisting inertia in transport
Authors: Lan, Tianxiang ; Yang, Guotian ; Ding, Xiying
Source title: Mechatronics

- 83. Accession number:** 20220511571485
Title: An Optimal Dispatch Framework of Electric and Heating Networks Based on Controllable Electric and Thermostatically Controlled Loads
Authors: Ma, Yiming ; Dong, Jian ; Zhou, Xiran ; Zhang, Guanfeng ; Wang, Haixin ; Yang, Junyou
Source title: Mathematical Problems in Engineering
- 84. Accession number:** 20222612287280
Title: Consensus Dispatch of Distributed Power Network Based on Multi-Access Edge Computing and Multi-Agent System
Authors: Wang, Liming ; Liu, Yingming ; Wang, Xiaodong ; Wang, Hanbo ; Guo, Guoxian
Source title: Frontiers in Energy Research
- 85. Accession number:** 20222612276216
Title: Dynamic dielectric properties of an antiferroelectric/ferroelectric mixed-spin (5/2, 3/2) Ising system under a time-dependent oscillating electric field
Authors: Chang, Chun-lu ; Wang, Wei ; Geng, Rui-ze
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- 86. Accession number:** 20221111775849
Title: A novel spoke-type PM motor with asymmetric rotor for low torque pulsation under MTPA control condition
Authors: Liu, Zeyu ; Hu, Yan ; Zhang, Bingyi ; Feng, Guihong ; Wu, Jiacheng
Source title: IET Electric Power Applications
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Title: Improved method in calculating the surface charge distribution of DC-GIL insulators with 3D geometry models
Authors: Li, Xiaolong ; Zhang, Guangkuo ; Jia, Junran ; Cao, Chen ; Lin, Xin
Source title: IET Science, Measurement and Technology
- 88. Accession number:** 20220411516833
Title: Electromagnetic design and thermal analysis of module combined permanent magnet motor with wrapped type for mine ball mill
Authors: Xu, Yingying ; Zhang, Bingyi ; Feng, Guihong
Source title: IET Electric Power Applications
- 89. Accession number:** 20221311836345
Title: Comparison and analysis of different rotor structures of double-stator permanent magnet synchronous motor
Authors: Wu, Jiacheng ; Hu, Yan ; Zhang, Bingyi ; Feng, Guihong ; Liu, Zeyu
Source title: IET Electric Power Applications
- 90. Accession number:** 20220411516807
Title: Research on efficiency optimal torque distribution of stator module combined permanent magnet synchronous machine
Authors: Xu, Yingying ; Zhang, Bingyi ; Feng, Guihong
Source title: IET Electric Power Applications

- 91. Accession number:** 20220911708661
Title: Research on rotor unbalance magnetic pull compensation method based on modular winding d-axis current injection
Authors: Zhang, Jiayu ; Zhang, Bingyi ; Feng, Guihong
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- 92. Accession number:** 20223612685791
Title: Data-driven adaptive optimization of wind turbine yaw parameters
Authors: Liu, Yingming ; Chen, Liang ; Wang, Xiaodong ; Xie, Hongfang
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 93. Accession number:** 20223212549716
Title: Magnetic properties of a mixed spin-3/2 and spin-2 Ising octahedral chain
Authors: Na, Xiao-Chen ; Si, Nan ; Zhang, Feng-Ge ; Jiang, Wei
Source title: Chinese Physics B
- 94. Accession number:** 20221311836407
Title: Magnetization changes with surface decorated in different ferrimagnetic nanoclusters
Authors: Si, Nan ; Lu, Zhao-Ming ; Liang, Ji-Yan ; Meng, Jing ; Zhang, Feng-Ge ; Jiang, Wei
Source title: Physica B: Condensed Matter
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Title: Research on the Influencing Factors of Motion Characteristics and Buffering of Electromagnetic Repulsion Mechanism of High Voltage Circuit Breakers
Authors: Yan, Hongkui ; Lin, Xin ; Xu, Jianyuan
Source title: Mathematical Problems in Engineering
- 96. Accession number:** 20220911739227
Title: Dynamic modeling for VSG cluster by using data-physical driven method
Authors: Li, Yunlu ; Ma, Guiqing ; Yang, Junyou ; Xu, Yan
Source title: Energy Reports
- 97. Accession number:** 20223412606591
Title: Detection of magnitude and position of rotor aerodynamic imbalance of wind turbines using Convolutional Neural Network
Authors: Xing, Zuoxia ; Chen, Mingyang ; Cui, Jia ; Chen, Zhe ; Xu, Jian
Source title: Renewable Energy
- 98. Accession number:** 20220911731964
Title: Adaptive Fuzzy Neural Network Time-Varying Sliding Mode Control for Permanent Magnet Linear Synchronous Motor
Authors: Wei, Huifang ; Wang, Limei
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 99. Accession number:** 20221612006026
Title: Fuzzy fractional sliding mode control of magnetic levitation system of linear synchronous motors
Authors: Lei, Cheng ; Lan, Yi-Peng ; Sun, Yun-Peng
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

(四) 信息科学与工程学院 (30 篇)

1. **Accession number:** 20220211438853
Title: A novel transfer learning model for traditional herbal medicine prescription generation from unstructured resources and knowledge
Authors: Liu, Zhi ; Luo, Changyong ; Fu, Dianzheng ; Gui, Jun ; Zheng, Zeyu ; Qi, Liang ; Guo, Haojian
Source title: Artificial Intelligence in Medicine
2. **Accession number:** 20222512260951
Title: Study on the defect location method of inner and outer wall of pipeline during high-speed magnetic flux leakage testing
Authors: Geng, Hao ; Xia, Hao ; Wang, Guoqing
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
3. **Accession number:** 20222812340217
Title: Dynamic discrimination and identification of weak faults in spindle system using PCA/D-S method and FUKL fusion algorithm
Authors: Wang, Wei-Ping ; Wang, Qi ; Yu, Yang ; Li, Ning
Source title: Zhendong Gongcheng Xuebao/Journal of Vibration Engineering
4. **Accession number:** 20220711633113
Title: Infrared small target energy distribution modeling for 2D subpixel motion and target energy compensation detection
Authors: Ma, Tianlei ; Wang, Jiaqi ; Yang, Zhen ; Ku, Yanan ; Ren, Xiangyang ; Zhang, Chengshuo
Source title: Optical Engineering
5. **Accession number:** 20223712737898
Title: Propagation Characteristics of Magnetic Tomography Method Detection Signals of Oil and Gas Pipelines Based on Boundary Conditions
Authors: Liu, Linlin ; Yang, Lijian ; Gao, Songwei
Source title: Sensors
6. **Accession number:** 20222612276810
Title: Spatial Propagation Law of Magnetic Memory Signals Detected by Using Magnetic Tomography Method
Authors: Liu, Linlin ; Yang, Lijian ; Gao, Songwei
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7. **Accession number:** 20222012123947
Title: Fault Identification of Machine Tool Spindle System Based on Attention Mechanism and Deep Learning Algorithm
Authors: Wang, Weiping ; Wang, Qi ; Yu, Yang
Source title: Binggong Xuebao/Acta Armamentarii
8. **Accession number:** 20222012112884
Title: Health Status Identification and Fault Time Prediction of MOSFET Device Based on LSTM-DHMM
Authors: Zhang, Ming-Yu ; Wang, Qi ; Yu, Yang
Source title: Tien Tzu Hsueh Pao/Acta Electronica Sinica

9. **Accession number:** 20220311460368
Title: A practical privacy-preserving communication scheme for CAMs in C-ITS
Authors: Yue, Xiaohan ; Zeng, Shuaishuai ; Wang, Xibo ; Yang, Lixin ; Bai, Shi ; He, Yuan
Source title: Journal of Information Security and Applications
10. **Accession number:** 20223712738083
Title: A Robust and Low Computational Cost Pitch Estimation Method
Authors: Wang, Desheng ; Wei, Yangjie ; Wang, Yi ; Wang, Jing
Source title: Sensors
11. **Accession number:** 20220911727638
Title: Semantic segmentation of point cloud via bilateral feature aggregation and attention mechanism
Authors: Wang, Xibo ; Cao, Shipeng ; Zhao, Huaici ; Liu, Pengfei ; Tai, Bingchang
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
12. **Accession number:** 20222012116888
Title: Research on the MFL signal enhancement algorithm
Authors: Yang, Lijian ; Zhao, Dongsheng ; Geng, Hao ; Huang, Ping
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
13. **Accession number:** 20223812750655
Title: Small-Diameter Tube Wall Damage-Detection Method Based on TE01 Mode Microwave
Authors: Shi, Meng ; Yang, Lijian ; Gao, Songwei ; Wang, Guoqing
Source title: Sensors
14. **Accession number:** 20222612286595
Title: Metal Surface Defect Detection Method Based on TE01 Mode Microwave
Authors: Shi, Meng ; Yang, Lijian ; Gao, Songwei ; Wang, Guoqing
Source title: Sensors
15. **Accession number:** 20221011751155
Title: Performance optimization of chaotic flow micromixer
Authors: Zhang, He ; Yang, Shuang ; Chuai, Rongyan ; Li, Xin
Source title: Guangxue Jingmi Gongcheng/Optics and Precision Engineering
16. **Accession number:** 20221511959497
Title: Personalized movie recommendation method based on ensemble learning
Authors: Yang, Kun ; Duan, Yong
Source title: High Technology Letters
17. **Accession number:** 20220911713324
Title: Design of Optical Thin-Film Filters for Multispectral Palmprint Image Acquisition Systems
Authors: Yu, Zhiqiang ; Fei, Shuguo ; Zhao, Shuaifeng ; Guo, Zhishuai
Source title: Guangxue Xuebao/Acta Optica Sinica
18. **Accession number:** 20222012112886
Title: Pit Defect Detection of Cylindrical Lithium Battery Based on Double Gaussian Texture Filtering Template and Extreme Point Weber Contrast
Authors: Guo, Shao-Tao ; Yuan, Wei-Qi
Source title: Tien Tzu Hsueh Pao/Acta Electronica Sinica

- 19. Accession number:** 20222212175091
Title: A research on the detection method of pit on the cylindrical lithium battery end surface
Authors: Guo, Shao-Tao ; Yuan, Wei-Qi
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 20. Accession number:** 20220211432782
Title: Surface segmentation of plate heat exchanger corrugated sheet based on discretization
 – Recognition strategy
Authors: Li, Shaoli ; Li, Dejian ; Bai, Shi ; Ding, Zhibo ; Yuan, Weiqi
Source title: Measurement: Journal of the International Measurement Confederation
- 21. Accession number:** 20222012117452
Title: Temperature Distribution Reconstruction Method for Acoustic Tomography Based on Compressed Sensing
Authors: Yan, Hua ; Wei, Yuankun ; Zhou, Yinggang ; Wang, Yifan
Source title: Ultrasonic Imaging
- 22. Accession number:** 20223312579647
Title: Research on surface defect detection method of ice scoop
Authors: Yuan, Weiqi ; Qi, Jianting
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 23. Accession number:** 20222612296806
Title: Experimental study of surface roughness on improving the tribological performance of sealing pairs in magnetorheological damper
Authors: Li, Shanshan ; Xiu, Shichao ; Song, Wanli ; Sun, Cong ; Yang, Heng
Source title: Smart Materials and Structures
- 24. Accession number:** 20220111431641
Title: Design Optimization of SensitivityEnhanced Structure for Fiber Bragg Grating Acoustic Emission Sensor Based on Additive manufacturing
Authors: Yu, Yang ; Liu, Bo ; Xia, Feng
Source title: Sensors
- 25. Accession number:** 20221611986384
Title: Quantization of pipeline magnetic flux leakage detection signal under load
Authors: Liu, Tong ; Liu, Bin ; Feng, Gang ; Lian, Zheng ; Yang, Lijian
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 26. Accession number:** 20222812342653
Title: Design of a novel fiber grating acoustic emission sensor based on coupling cone structure
Authors: Liu, Bo ; Yu, Yang ; Xia, Feng ; Li, Yuanxin
Source title: Measurement Science and Technology
- 27. Accession number:** 20223512630620
Title: Simulation and Design of a Balanced-Field Electromagnetic Technique Sensor for Crack Detection in Long-Distance Oil and Gas Pipelines
Authors: Yang, Lijian ; Li, Jiayin ; Zheng, Wenxue ; Liu, Bin
Source title: Energies

- 28. Accession number:** 20221011753200
Title: The Influence of the Unit Junction on the Performance of a Repetitive Structure Micromixer
Authors: Zhang, He ; Yang, Shuang ; Chuai, Rongyan ; Li, Xin ; Mu, Xinyu
Source title: Micromachines
- 29. Accession number:** 20220511562004
Title: Overload performance study and fabrication of the capacitive pressure-sensitive chip with linkage film
Authors: Chuai, Rongyan ; Yang, Yuxin ; Zhang, Bing ; Jiang, Guimin ; Zhang, He
Source title: Review of Scientific Instruments
- 30. Accession number:** 20221011745300
Title: Systematic investigation of spectral characteristics and sensing characteristics of microfiber knot resonator
Authors: Xia, Feng ; Liu, Bo ; Ying, Yu
Source title: Journal of Optics (United Kingdom)

(五) 管理学院 (19 篇)

1. **Accession number:** 20221211819318
Title: Carbon Emission Calculation and Influencing Factor Analysis Based on Industrial Big Data in the “double Carbon” Era
Authors: Zhang, Lu ; Yan, Yan ; Xu, Wei ; Sun, Jun ; Zhang, Yuanyuan
Source title: Computational Intelligence and Neuroscience
2. **Accession number:** 20221812049406
Title: A Grey BP Neural Network-Based Model for Prediction of Court Decision Service Rate
Authors: Zhao, Gang ; Shi, Huibin ; Wang, Jifa
Source title: Computational Intelligence and Neuroscience
3. **Accession number:** 20222112148192
Title: Forecasting agricultural product logistics demand by nonlinear principal component analysis and a support vector machine optimised by the grey wolf optimiser
Authors: Zhou, Xiaoye ; Zhu, Meilin ; Ma, Xiaoyun ; Zhong, Yu
Source title: International Journal of Internet Manufacturing and Services
4. **Accession number:** 20220211432408
Title: Security and Privacy Risk Assessment of Energy Big Data in Cloud Environment
Authors: Li, Zhiru ; Xu, Wei ; Shi, Huibin ; Zhang, Yuanyuan ; Yan, Yan
Source title: Computational Intelligence and Neuroscience
5. **Accession number:** 20221611973738
Title: Institutional Governance Influence Mechanism and Model of Regional Green Development in China
Authors: Xiao, Chunyue ; Sun, Jian
Source title: Scientific Programming
6. **Accession number:** 20222812339767
Title: An Intelligent Mechanism for COVID-19 Emergency Resource Coordination and Follow-Up Response
Authors: Sun, Hongyan ; Xu, Wei ; Yu, Yinyun ; Cai, Guiyang
Source title: Computational Intelligence and Neuroscience
7. **Accession number:** 20221111778158
Title: Research on influencing factors and multiple driving paths of intelligent transformation in China’ s manufacturing industry
Authors: Zhou, Jiazi ; Wen, Xin
Source title: Journal of Computational Methods in Sciences and Engineering
8. **Accession number:** 20220111427103
Title: Synergy and Correlation Optimization Analysis of Innovation System and Institutional Governance System from the Perspective of Cluster Ecosystem
Authors: Sun, Jian ; Zou, Hua ; He, Deyu
Source title: Mathematical Problems in Engineering
9. **Accession number:** 20221411921784
Title: Research on Dynamic Evaluation Modeling of Community e-Commerce Service Satisfaction under the Background of New Retail

- Authors:** Zhao, Yingzi ; Zhaoji, Yu.
Source title: Security and Communication Networks
- 10. Accession number:** 20222812350398
Title: Differential Game Analysis of Enterprises Investing in New Infrastructure and Maintaining Social Network Security under the Digital Innovation Ecosystem
Authors: Cui, Zhongping ; Liu, Xinyi ; Qin, Hao ; Ji, Huimin
Source title: IEEE Access
- 11. Accession number:** 20221611973424
Title: Data Fusion Model for High-Tech Products Marketing
Authors: Dai, Weidong ; Li, Tiexin
Source title: Wireless Communications and Mobile Computing
- 12. Accession number:** 20221812059231
Title: Dynamic Strategy Analysis of Emission-Reduction Technology Investment Based on Pricing Coordination Mechanism under Cost Subsidy Policy
Authors: Guan, Yue ; Hou, Qiang ; Sun, Jiayi
Source title: Mathematical Problems in Engineering
- 13. Accession number:** 20221411925173
Title: Optimal Charging Scheduling and Management with Bus-Driver-Trip Assignment considering Mealtime Windows for an Electric Bus Line
Authors: Jiang, Yang ; He, Tong
Source title: Complexity
- 14. Accession number:** 20221712007244
Title: Research on Subsidy Strategy of Shared Accommodation Platform under the Background of Big Data Based on Evolutionary Game
Authors: Xiao, Meng ; Zhai, Chang
Source title: Computational Intelligence and Neuroscience
- 15. Accession number:** 20223412602024
Title: Research on the Scheduling of Mobile Robots in Mixed-Model Assembly Lines Considering Workstation Satisfaction and Energy Consumption
Authors: Ma, Xiaoyun ; Zhou, Xiaoye
Source title: IEEE Access
- 16. Accession number:** 20223312566643
Title: Research on the Strategy Evolution of Knowledge Innovation in an Enterprise Digital Innovation Ecosystem: Kinetic and Potential Perspectives
Authors: Zou, Hua ; Ji, Huimin ; Qin, Hao ; Guo, Yongquan ; Yang, Xuanhu
Source title: IEEE Access
- 17. Accession number:** 20223112529986
Title: Multiobjective Lot Sizing and Scheduling of Multiproduct Switching Production in the Process Industry Considering Uncertain Market Information Under Mass Customization
Authors: Tang, Qi ; Wang, Yiran
Source title: IEEE Access
- 18. Accession number:** 20221511948767
Title: Supervision Strategy Analysis on Price Discrimination of E-Commerce Company in the Context of Big Data Based on Four-Party Evolutionary Game

Authors: Xiao, Meng

Source title: Computational Intelligence and Neuroscience

19. **Accession number:** 20221912078701

Title: Evolutionary Game Analysis of Debt Restructuring Involved by Asset Management Companies

Authors: Zhao, Danyu ; Song, Li ; Han, Liangliang

Source title: Complexity

(六) 理学院 (24 篇)

1. **Accession number:** 20220811679223

Title: Input-to-state stability and sliding mode control of the nonlinear singularly perturbed systems via trajectory-based small-gain theorem

Authors: Jin, Zhenghong ; Li, Jiawen ; Wang, Zhanxiu

Source title: Nonlinear Analysis: Hybrid Systems

2. **Accession number:** 20223612685971

Title: Wind turbine health state assessment based on stochastic combination weighting fuzzy evaluation

Authors: Li, Jinyou ; Li, Yuan ; Feng, Bing ; Xing, Zuoxia ; Xu, Zengjin

Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica

3. **Accession number:** 20220311487452

Title: One-step preparation and high-performance microwave absorption of Ni@CN/SiCN nano hybrids with multi-polarization resonance

Authors: Shi, Gui-Mei ; Li, Qian ; Quan, Shan-Yu ; Yu, Di ; Shi, Fa-Nian ; Zhang, Yan

Source title: Applied Physics A: Materials Science and Processing

4. **Accession number:** 20221211816056

Title: Insight into magnetic properties and magnetocaloric effect of an Ising-type polyhedral chain

Authors: Yang, Min ; Wang, Feng ; Wang, Wei ; Li, Bo-chen ; Lv, Jia-qi

Source title: Polymer

5. **Accession number:** 20222212164913

Title: Impedance-attenuation balance on Ni@CN/WO₃- δ ternary composites to enhance microwave absorption

Authors: Bao, Xiu-Kun ; Shi, Gui-Mei ; Yu, Di ; Zhao, Qian ; Wang, Xiao-Lei ; Shi, Fa-Nian

Source title: Journal of Materials Science: Materials in Electronics

6. **Accession number:** 20222612268666

Title: N-doped carbon nanofiber embedded with TiN nanoparticles: A type of efficient microwave absorbers with lightweight and wide-bandwidth

Authors: Yu, Di ; Shi, Gui-Mei ; Shi, Fa-Nian ; Bao, Xiu-Kun ; Li, Shu-Tong ; Li, Qian

Source title: Journal of Alloys and Compounds

7. **Accession number:** 20221011750948
Title: The synthesis and excellent peroxidase-like activity for the colorimetric detection of H₂O₂ of core-shell Fe/FeS₂@C nanoparticles
Authors: Zhao, Chen ; Shi, Gui-Mei ; Shi, Fa-Nian ; Wang, Xiao-Lei ; Li, Shu-Tong
Source title: Colloids and Surfaces A: Physicochemical and Engineering Aspects
8. **Accession number:** 20223612690275
Title: First-principles calculations to investigate elastic properties, ideal tensile strength and electronic properties of TiSi, Ti₅Si₃ and Ti₅Si₄
Authors: Liu, Yaxin ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
9. **Accession number:** 20221812046868
Title: Compensation and critical characteristics of the ferrimagnetic bilayer graphdiyne film with RKKY interaction
Authors: Li, Bo-chen ; Wang, Wei ; Lv, Jia-qi ; Yang, Min ; Wang, Feng
Source title: Applied Physics A: Materials Science and Processing
10. **Accession number:** 20221011767430
Title: Effect of structural vacancies on lattice vibration, mechanical, electronic, and thermodynamic properties of Cr₅BSi₃
Authors: Dong, Tian-Hui ; Zhang, Xu-Dong ; Yang, Lin-Mei ; Wang, Feng
Source title: Chinese Physics B
11. **Accession number:** 20222612265733
Title: Thermodynamic characteristics and magnetocaloric effect of a diluted graphdiyne monolayer with defects: A Monte Carlo study
Authors: Liu, Zhen-yu ; Lv, Dan ; Zhang, Fan ; Wang, Si-yu
Source title: Micro and Nanostructures
12. **Accession number:** 20222712313631
Title: The elasticity, anisotropy and thermodynamic properties of binary and ternary B - Sc compounds: First-principles calculations
Authors: Ma, Yue ; Zhang, Xudong ; Ma, He ; Guo, Hui ; Wang, Feng
Source title: Solid State Communications
13. **Accession number:** 20222612296009
Title: A test method for the normal interface bonding strength of laser cladding
Authors: Guo, Hui ; Zhang, Xudong ; Wang, Feng
Source title: Vacuum
14. **Accession number:** 20222412231846
Title: Insights into the anisotropic, electronic and magnetism properties of ternary TM₂Si₂Ys (TM = Cr, Fe, Co, Ni) silicides from the first-principles calculations
Authors: Chen, Xinyue ; Zhang, Xudong ; Guo, Hui ; Wang, Feng
Source title: Chemical Physics Letters
15. **Accession number:** 20223012398560
Title: T-S fuzzy observer-based adaptive tracking control for biological system with stage structure
Authors: Zhang, Yi ; Song, Yue ; Yang, Song
Source title: Mathematical Biosciences and Engineering

- 16. Accession number:** 20220111429356
Title: Dynamic magnetic properties of borophene nanoribbons with core-shell structure: Monte Carlo study
Authors: Gao, Zhong-yue ; Wang, Wei ; Sun, Lei ; Yang, Lin-mei ; Ma, Bao-yun ; Li, Peng-sheng
Source title: Journal of Magnetism and Magnetic Materials
- 17. Accession number:** 20222612276216
Title: Dynamic dielectric properties of an antiferroelectric/ferroelectric mixed-spin (5/2, 3/2) Ising system under a time-dependent oscillating electric field
Authors: Chang, Chun-lu ; Wang, Wei ; Geng, Rui-ze
Source title: Micro and Nanostructures
- 18. Accession number:** 20222812346873
Title: Spin-wave resonance frequency and low-temperature properties of an antiferromagnetic graphene-like bilayer system
Authors: Zhang, Fan ; Miao, Hai-ling ; Lv, Jia-qi
Source title: Physica B: Condensed Matter
- 19. Accession number:** 20222512262153
Title: Compensation characteristics and hysteresis loops of an edge-decorated graphene-like Ising multilayer nanoparticle
Authors: Liu, Zhen-yu ; Wang, Wei ; Wang, Si-yu ; Huang, Han ; Ma, Zheng-hao
Source title: Micro and Nanostructures
- 20. Accession number:** 20223012410348
Title: Effects of Mo nanoparticles addition on the evolution of microstructure in Cu₅₈Bi-xMo/Cu solder joints during aging
Authors: Yang, Linmei ; Lu, Xiaolong ; Mu, Guowan
Source title: Materials Today Communications
- 21. Accession number:** 20223712727310
Title: Electronic, elastic and thermodynamic properties of LaMgRe₄ (Re= Co, Ni, Cu): A first-principles study
Authors: Yang, Min ; Wang, Feng ; Wang, Wei ; Li, Bo-chen ; An, Ying
Source title: Vacuum
- 22. Accession number:** 20223212549716
Title: Magnetic properties of a mixed spin-3/2 and spin-2 Ising octahedral chain
Authors: Na, Xiao-Chen ; Si, Nan ; Zhang, Feng-Ge ; Jiang, Wei
Source title: Chinese Physics B
- 23. Accession number:** 20221311836407
Title: Magnetization changes with surface decorated in different ferrimagnetic nanoclusters
Authors: Si, Nan ; Lu, Zhao-Ming ; Liang, Ji-Yan ; Meng, Jing ; Zhang, Feng-Ge ; Jiang, Wei
Source title: Physica B: Condensed Matter

24. Accession number: 20221211830406

Title: Thermodynamic and magnetocaloric properties of an AnB_{60-n} fullerene-like structure under the applied magnetic field

Authors: Wang, Wei ; Li, Bo-chen ; Wang, Tong-lun ; Li, Qi ; Wang, Feng

Source title: Journal of Magnetism and Magnetic Materials

(七) 建筑与土木工程学院 (9 篇)

1. **Accession number:** 20223412609481
Title: Vibrations of composite structures: Finite element and analytical investigation
Authors: Farazin, Ashkan ; Zhang, Chunwei ; Abed, Azher M
Source title: Polymers and Polymer Composites
2. **Accession number:** 20220811700417
Title: A New Index of Energy Dissipation Considering Time Factor under the Impact Loads
Authors: Wang, Xuesong ; Guo, Lianjun ; Xu, Zhenyang ; Wang, Junxiang ; Deng, Ding ; Xu, Jinglong ; Hu, Zhihang
Source title: Materials
3. **Accession number:** 20221411908140
Title: One-dimensional electro- magneto-poro-thermoelastic wave propagation in a functionally graded medium with energy dissipation
Authors: Mirparizi, Mina ; Zhang, Chunwei ; Amiri, Mohammad Javad
Source title: Physica Scripta
4. **Accession number:** 20221812057228
Title: Effect of incorporation of rice husk ash and iron ore tailings on properties of concrete
Authors: Chen, Zhi ; Chen, Sili ; Zhou, Yuwan ; Zhang, Chengyu ; Meng, Tiantian ; Jiang, Shuangshuang ; Liu, Liwen ; Hu, Guiquan
Source title: Construction and Building Materials
5. **Accession number:** 20220211451037
Title: Study on collapse and movement of a boulder based on 3D discontinuous deformation analysis
Authors: Liu, Guo-Yang ; Meng, Hai-Yi ; Ning, Bao-Kuan ; Li, Shi-Bao
Source title: Yantu Lixue/Rock and Soil Mechanics
6. **Accession number:** 20223712727575
Title: Research on the Nucleation Mechanism and Early Warning Method of Strain Rockburst in Deep-Buried Tunnel Based on Microseismic Monitoring
Authors: Yu, Qun ; Bao, Chunyan ; Jin, Shengji ; Wang, Junxiang
Source title: Lithosphere
7. **Accession number:** 20220911736618
Title: Influence of torsional deformation on the electronic structure and optical properties of 1T-TaS₂ monolayer
Authors: Bao, Jinlin ; Yang, Lu ; Wang, Duo
Source title: Journal of Molecular Structure
8. **Accession number:** 20221011745284
Title: Depth detection of spar cap defects in large-scale wind turbine blades based on a 3D heat conduction model using step heating infrared thermography
Authors: Zhang, X.Y. ; Zhou, B. ; Li, H. ; Xin, W.
Source title: Measurement Science and Technology

9. Accession number: 20223712731039

Title: Effects of Lithium Slag on the Frost Resistance of Cement-Soil

Authors: Chen, Zhi ; Chen, Sili ; Liu, Liwen ; Zhou, Yuwan

Source title: Materials

(八) 经济学院 (1 篇)

1. Accession number: 20222812350398

Title: Differential Game Analysis of Enterprises Investing in New Infrastructure and Maintaining Social Network Security under the Digital Innovation Ecosystem

Authors: Cui, Zhongping ; Liu, Xinyi ; Qin, Hao ; Ji, Huimin

Source title: IEEE Access

(九) 人工智能学院 (7 篇)

1. **Accession number:** 20220911728661
Title: Investigation on Stability of Positive Singular Markovian Jump Systems with Mode-Dependent Derivative-Term Coefficient
Authors: Zhang, Di ; Du, Baozhu ; Jing, Yuanwei ; Sun, Xingjian
Source title: IEEE Transactions on Systems, Man, and Cybernetics: Systems
2. **Accession number:** 20222312196415
Title: Optimal innovation-based deception attacks with side information against remote state estimation in cyber-physical systems
Authors: Li, Yi-Gang ; Yang, Guang-Hong
Source title: Neurocomputing
3. **Accession number:** 20220311476251
Title: Optimal completely stealthy attacks against remote estimation in cyber-physical systems
Authors: Li, Yi-Gang ; Yang, Guang-Hong
Source title: Information Sciences
4. **Accession number:** 20222212170530
Title: ABDF 2 -Net: an adaptive bi-directional features fusion network for real-time detection of threat object
Authors: Wei, Yiru ; Zhu, Zhiliang ; Yu, Hai ; Zhang, Wei
Source title: Journal of Real-Time Image Processing
5. **Accession number:** 20220211436962
Title: Stochastic configuration networks with fast implementations
Authors: Tian, Zhongda ; Zhang, Haobo
Source title: Review of Scientific Instruments
6. **Accession number:** 20220511577802
Title: A novel network traffic combination prediction model
Authors: Tian, Zhongda ; Song, Pengfei
Source title: International Journal of Communication Systems
7. **Accession number:** 20223412614472
Title: A Neural Network-Based Approach to Multi-Attribute Group Decision-Making with Heterogeneous Preference Information
Authors: Zhang, Quan ; Li, Hongyu ; Lu, Xueting ; Wu, Chunliu
Source title: Scientific Programming

(十) 环境与化学工程学院 (28 篇)

1. **Accession number:** 20221611986782
Title: One-step hydrothermal synthesis of coordination polymers with high specific capacity and superior lithium storage properties
Authors: Tian, Li-Yan ; Wang, Peng-Fei ; Zhang, Yu-Hang ; Sun, Ping-Ping ; Yang, Gang ; Shi, Fa-Nian
Source title: Journal of Solid State Chemistry
2. **Accession number:** 20222612280338
Title: Tailoring the sp²/sp³ carbon composition for surface enhancement in Raman scattering
Authors: Li, Haining ; Yang, Bing ; Lu, Jiaqi ; Guo, Xiaokun ; Yu, Biao ; Xiong, Ying ; Huang, Nan ; Liu, Lusheng ; Xu, Ge ; Jiang, Xin
Source title: Applied Surface Science
3. **Accession number:** 20220211441456
Title: Degradation of Azo Dyes with Different Functional Groups in Simulated Wastewater by Electrocoagulation
Authors: Liu, Yang ; Li, Chenglong ; Bao, Jia ; Wang, Xin ; Yu, Wenjing ; Shao, Lixin
Source title: Water (Switzerland)
4. **Accession number:** 20221912071494
Title: Microstructural evolution of NiCoCrAlY coated directionally solidified superalloy
Authors: Zhan, Xin ; Wang, Dong ; Ge, Zhicheng ; Zhang, Yingjian ; Dong, Jiasheng ; Lou, Langhong ; Zhang, Jian
Source title: Surface and Coatings Technology
5. **Accession number:** 20220511577998
Title: Review on Defects and Modification Methods of LiFePO₄Cathode Material for Lithium-Ion Batteries
Authors: Chen, Shi-Peng ; Lv, Dan ; Chen, Jie ; Zhang, Yu-Hang ; Shi, Fa-Nian
Source title: Energy and Fuels
6. **Accession number:** 20222112144132
Title: Novel Simultaneous Removal of Ammonium and Sulfate by Isolated Bacillus cereus Strain from Sewage Treatment Plant
Authors: Mohammed Madani, Rayan ; Liang, Jiyan ; Cui, Li ; Elsalahi, Randa H. ; Ayode Otitoju, Tunmise ; Zhang, Dandan ; Song, Xiaoxiong ; Yongguang, Ma ; Liu, Shiyue
Source title: Water, Air, and Soil Pollution
7. **Accession number:** 20221411910253
Title: Facile preparation of a Lewis acidic copper 1,3,5-benzenetricarboxylate with nanopore confinement superiority effect for enhanced catalytic Claisen-Schmidt condensation
Authors: Liu, Nian ; Xu, Ge
Source title: Reaction Kinetics, Mechanisms and Catalysis
8. **Accession number:** 20223412594071
Title: Simultaneous removal of multiple PFAS from contaminated groundwater around a fluorochemical facility by the periodically reversing electrocoagulation technique
Authors: Liu, Yang ; Shao, Li-Xin ; Yu, Wen-Jing ; Bao, Jia ; Li, Ting-Yu ; Hu, Xiao-Min ; Zhao, Xin

- Source title:** Chemosphere
9. **Accession number:** 20221611992466
Title: Continuous cycling of carbon-based capacitive deionization systems: An evaluation of the electrode performance and stability
Authors: Geng, Cong ; Gao, Yingjun ; Ming, Hao ; Duan, Dongsheng ; Meng, Jing ; Gao, Weichun ; Shen, Xinjun ; Liu, Shiyue ; Lv, Jiayu ; Xi, Jingjun ; Zhao, Zhongyuan ; Guan, Yinyan ; Liang, Jiyan
Source title: Journal of Electroanalytical Chemistry
10. **Accession number:** 20220311487452
Title: One-step preparation and high-performance microwave absorption of Ni@CN/SiCN nanohybrids with multi-polarization resonance
Authors: Shi, Gui-Mei ; Li, Qian ; Quan, Shan-Yu ; Yu, Di ; Shi, Fa-Nian ; Zhang, Yan
Source title: Applied Physics A: Materials Science and Processing
11. **Accession number:** 20221912096889
Title: Effect of formaldehyde to phenol molar ratio on combustion behavior of phenolic foam
Authors: Tang, Kaihong ; He, Xiaofeng ; Xu, Guiqiu ; Tang, Xiaojun ; Ge, Tiejun ; Zhang, Ailing
Source title: Polymer Testing
12. **Accession number:** 2022181204602
Title: Preparation of a Ceramifiable Phenolic Foam and Its Ceramization Behavior
Authors: Tang, Kaihong ; Yu, Yang ; Xu, Guiqiu ; Tang, Xiaojun ; Zhang, Ailing ; Ge, Tiejun ; Li, Yongjiang
Source title: Polymers
13. **Accession number:** 20220811697625
Title: Enhanced photocatalytic degradation of imidacloprid and RhB by the precursor derived Bi_{12.7}Co_{0.3}O_{19.35} under different pH value
Authors: Liang, Fang ; Zhang, Yu-Hang ; He, Bing ; Yang, Jiao ; Shi, Qi ; Shi, Fa-Nian
Source title: Journal of Physics and Chemistry of Solids
14. **Accession number:** 20223212548897
Title: Static and dynamic magnetic behaviors of two trimer-decorated graphene-like nanoparticles
Authors: Hu, Jin-Qiu ; Jiang, Yi-Bin ; Jiang, Wei
Source title: Physica Scripta
15. **Accession number:** 20223212550884
Title: Magnetization plateaus and thermodynamic properties of a ferrimagnetic Kagome-like nanoparticle under an applied magnetic field
Authors: Shi, Kai-Le ; Jiang, Wei ; Si, Nan
Source title: Journal of Materials Science
16. **Accession number:** 20223612678196
Title: Sulfonated carboxymethyl debranched starch: Preparation, performance and application
Authors: Tang, Hongbo ; He, Qiumei ; Li, Yanping ; Liu, Xiaojun
Source title: Journal of Polymer Research
17. **Accession number:** 20222112157227

Title: Research on the removal of H₂S using dielectric barrier discharge combined with photocatalysis and the fate of sulfur in the reaction

Authors: Gu, Jingxue ; Shen, Xinjun ; Liang, Xu ; Zhou, Wei

Source title: Chemical Engineering and Processing - Process Intensification

18. Accession number: 20222212164913

Title: Impedance-attenuation balance on Ni@CN/WO₃- δ ternary composites to enhance microwave absorption

Authors: Bao, Xiu-Kun ; Shi, Gui-Mei ; Yu, Di ; Zhao, Qian ; Wang, Xiao-Lei ; Shi, Fa-Nian

Source title: Journal of Materials Science: Materials in Electronics

19. Accession number: 20222612268666

Title: N-doped carbon nanofiber embedded with TiN nanoparticles: A type of efficient microwave absorbers with lightweight and wide-bandwidth

Authors: Yu, Di ; Shi, Gui-Mei ; Shi, Fa-Nian ; Bao, Xiu-Kun ; Li, Shu-Tong ; Li, Qian

Source title: Journal of Alloys and Compounds

20. Accession number: 20221011750948

Title: The synthesis and excellent peroxidase-like activity for the colorimetric detection of H₂O₂ of core-shell Fe/FeS₂@C nanoparticles

Authors: Zhao, Chen ; Shi, Gui-Mei ; Shi, Fa-Nian ; Wang, Xiao-Lei ; Li, Shu-Tong

Source title: Colloids and Surfaces A: Physicochemical and Engineering Aspects

21. Accession number: 20222612265733

Title: Thermodynamic characteristics and magnetocaloric effect of a diluted graphdiyne monolayer with defects: A Monte Carlo study

Authors: Liu, Zhen-yu ; Lv, Dan ; Zhang, Fan ; Wang, Si-yu

Source title: Micro and Nanostructures

22. Accession number: 20221912071079

Title: Study on degradation characteristics of imazamox by Streptomycetaceae

Authors: Ge, Ling ; Wang, Xin ; Hou, Jia-Wen ; Ni, Zi-Jun ; Liu, Wen-Rui ; Bao, Jia ; Wei, Yu-Lian

Source title : Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes

23. Accession number: 20220511571211

Title: Preparation of Al₂O₃/PDA/Pebax membrane modified by (C₃NH₂MI_m)(PF₆) for improving CO₂ separation performance

Authors: Yan, Hailong ; Liu, Hongjing ; Li, Zhuo ; Yu, Dan ; Wei, Cunhua ; Gao, Yingjia ; Yao, Hui

Source title: Journal of Applied Polymer Science

24. Accession number: 20220711636451

Title: Novel 1, 3, 5-triazine derivative is a highly efficient inhibitor of corrosion of Q235 carbon steel in an acidic medium

Authors: Wei, Cunhua ; Xu, Ge ; Yu, Jin

Source title: Materials and Corrosion

- 25. Accession number:** 20221211817493
Title: Hybrid lithium salts regulated solid polymer electrolyte for high-temperature lithium metal battery
Authors: Zhang, Yu-Hang ; Lu, Mei-Na ; Li, Qian ; Shi, Fa-Nian
Source title: Journal of Solid State Chemistry
- 26. Accession number:** 20223612684631
Title: Study on degradation of alizarine reds in simulated dye wastewater by gas-liquid two-phase discharge plasma
Authors: Zhang, Siyu ; Shen, Xinjun ; Li, Jiaren ; Zhang, Jing
Source title: Chemical Engineering and Processing - Process Intensification
- 27. Accession number:** 20223212549716
Title: Magnetic properties of a mixed spin-3/2 and spin-2 Ising octahedral chain
Authors: Na, Xiao-Chen ; Si, Nan ; Zhang, Feng-Ge ; Jiang, Wei
Source title: Chinese Physics B
- 28. Accession number:** 20221311836407
Title: Magnetization changes with surface decorated in different ferrimagnetic nanoclusters
Authors: Si, Nan ; Lu, Zhao-Ming ; Liang, Ji-Yan ; Meng, Jing ; Zhang, Feng-Ge ; Jiang, Wei
Source title: Physica B: Condensed Matter

(十一) 石油化工学院 (4 篇)

- 1. Accession number:** 20220311466220
Title: Synthesis and characterization of ZnO nanoparticles in n-hexanol solution
Authors: Chen, Yan-Ming ; Gao, Jie
Source title: Materials Letters: X
- 2. Accession number:** 20223212550246
Title: Preparation of biacidic tin-based ionic liquid catalysts and their application in catalyzing coupling reaction between ethylene carbonate and dimethyl succinate to synthesize poly(ethylene succinate)
Authors: Zhao, Xiudan ; Guo, Liying ; Xu, Tiejun ; Wang, Haiyue ; Zheng, Rongrong ; Jiang, Zezhong
Source title: New Journal of Chemistry
- 3. Accession number:** 20223012400483
Title: Synthesis of novel Al₂O₃ nanoparticle organic hybrid materials for enhancing the CO₂-separation performance of prepared Al₂O₃-NOHMs/Pebax mixed matrix membrane
Authors: Qiu, Han-Yu ; Liu, Hong-Jing ; Liu, Xue-Li ; Yao, Hui
Source title: Materials Letters
- 4. Accession number:** 20220511571211
Title: Preparation of Al₂O₃/PDA/Pebax membrane modified by (C₃NH₂Im)(PF₆) for improving CO₂ separation performance
Authors: Yan, Hailong ; Liu, Hongjing ; Li, Zhuo ; Yu, Dan ; Wei, Cunhua ; Gao, Yingjia ; Yao, Hui
Source title: Journal of Applied Polymer Science

(十二) 化工过程自动化学院 (2 篇)

- 1. Accession number:** 20220211435910
Title: Event-triggered neuroadaptive output-feedback control for nonstrict-feedback nonlinear systems with given performance specifications
Authors: Yang, Di ; Liu, Weijun ; Guo, Chen
Source title: Nonlinear Dynamics
- 2. Accession number:** 20222612272028
Title: Modeling and Control of Wind Speed in Renewable Energy Power Generation and Wind Power Generation Systems
Authors: Shan, Junwei (1); Lu, Shixuan (2); Liu, Shu (3); Shi, Hang
Source title: Security and Communication Networks

(十三) 化工装备学院 (1 篇)

1. **Accession number:** 20223712728032

Title: Deep CNN for COPD identification by Multi-View snapshot integration of 3D airway tree and lung field

Authors: Wu, Yanan ; Du, Ran ; Feng, Jie ; Qi, Shouliang ; Pang, Haowen ; Xia, Shuyue ; Qian, Wei

Source title: Biomedical Signal Processing and Control

(十四) 其他: 未注明学院 (7 篇)

1. **Accession number:** 20223012406549
Title: An analytical method to calculate effective elastic properties of mapped rhombic dodecahedron structures fabricated with electron beam melting
Authors: Yu, Boning ; Li, Yuming ; Abbas, Boussad ; Li, Shujun ; Yu, Baoyi
Source title: Materials Today Communications
2. **Accession number:** 20223512659816
Title: Wireless Network Virtualization Resource Sharing considering Dynamic Resource Allocation Algorithm
Authors: Guan, Xueming ; Ma, Yaozhi
Source title: Advances in Multimedia
3. **Accession number:** 20222912363700
Title: Response Attenuation of a Structure Equipped with ATMD under Seismic Excitations Using Methods of Online Simple Adaptive Controller and Online Adaptive Type-2 Neural-Fuzzy Controller
Authors: Sabetahd, Rasoul ; Mousavi Ghasemi, Seyed Arash ; Vafaei Poursorkhabi, Ramin ; Mohammadzadeh, Ardashir ; Zandi, Yousef
Source title: Computational Intelligence and Neuroscience
4. **Accession number:** 20221611966251
Title: The Prediction and Analysis of Acoustic Metamaterial Based on Machine Learning
Authors: Sun, Yang
Source title: International Journal on Artificial Intelligence Tools
5. **Accession number:** 20222612287672
Title: Stability analysis of Xiluodu Hydropower Station right bank slope based on discontinuous deformation analysis method
Authors: Ma, Ke ; Li, Yu ; Liu, Guoyang ; He, Gang ; Sha, Chun ; Peng, Yilin
Source title: Engineering Computations (Swansea, Wales)
6. **Accession number:** 20221511948770
Title: Composition analysis of ceramic raw materials using laser-induced breakdown spectroscopy and autoencoder neural network
Authors: Lv, Zunji ; Yu, Hongxia ; Sun, Lanxiang ; Zhang, Peng
Source title: Analytical Methods
7. **Accession number:** 20221511945650
Title: Operator Behavior Analysis System for Operation Room Based on Deep Learning
Authors: Jia, Junying ; Yang, Haibo ; Lu, Xin ; Li, Mengkun ; Li, Yanbo
Source title: Mathematical Problems in Engineering

二、2022 年第一、二季度 Ei (CA) 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) Accession number:EI 论文收录编号

(2) Title:论文题目

(3) Authors:作者英文姓名

(4) Source title: 论文来源

(一) 机械工程学院 (6 篇)

1. Accession number: 20224012832339

Title: Zero-Power and Anti-Tilt Control of a 3-DOF Magnetic Levitation System with rotatable HEM

Authors: Zhao, Chuan ; Oka, Koichi ; Harada, Akinori ; Lin, James ; Sun, Feng

Source title: 15th International Conference on Motion and Vibration Control, MoViC 2020

2. Accession number: 20224012829179

Title: Data Processing in Internal-Combustion Engine Design Based on Neural-Fuzzy System

Authors: Tian, Guofu ; Sun, Shuhui ; Zhang, Ting

Source title: Lecture Notes in Electrical Engineering

3. Accession number: 20220911734115

Title: The shape optimization design of the guide plate of the modular AUV recovery device

Authors: Wang, Xuhui ; Zhang, Wei ; Lin, Yang ; Gu, Haitao ; Meng, Lingshuai ; Gao, Dongyong

Source title: Proceedings - 2021 6th International Conference on Automation, Control and Robotics Engineering, CACRE 2021

4. Accession number: 20223612687536

Title: Design and Motion Simulation of Dragonfly-like Wings

Authors: Su, Qimin ; Zhang, Zihao ; Zou, Qiaofeng

Source title: 2022 4th International Conference on Communications, Information System and Computer Engineering, CISCE 2022

5. Accession number: 20220911734110

Title: Conceptual design and implementation of an Arctic under-ice legged/gliding morphing robot

Authors: Meng, Lingshuai ; Zhang, Wei ; Lin, Yang ; Gu, Haitao ; Gao, Dongyong ; Su, Tsung-Chow

Source title: Proceedings - 2021 6th International Conference on Automation, Control and Robotics Engineering, CACRE 2021

6. Accession number: 20221211809398

Title: Calculation of power grid wind power acceptance capacity based on different dispatching methods

Authors: Sun, Feng); Zhang, Xianzhong ; Xu, Jianyuan ; Sun, Junjie ; Zeng, Hui ; Jia, Qi

Source title: Proceedings - 2021 International Conference on Power System Technology: Carbon Neutrality and New Type of Power System, POWERCON 2021

(二) 材料科学与工程学院 (1 篇)

1. Accession number: 20223112520347

Title: Calcium extraction and synthesis of precipitated calcium carbonate from Mg-rich dolomite

Authors: Jimoh, O.A. ; Okoye, P.U. ; Mathew, T.G. ; Hussin, H.B. ; Ariffin, K.S.

Source title: Materials Today: Proceedings

(三) 电气工程学院 (59 篇)

1. **Accession number:** 20223712714106
Title: Hybrid Scheduling Strategy Based on New Energy Consumption And Optimal Operation Cost
Authors: Zhao, Qingsong ; Yang, Anquan ; Ma, Hui ; Yao, Junbo ; Wang, Hailiang ; Yang, Chuyuan ; Fan, Liping
Source title: Proceedings of 2022 IEEE 5th International Electrical and Energy Conference, CIEEC 2022
2. **Accession number:** 20223212536187
Title: Harmonic Resonance Modal Analysis of Multi-inverter Grid-connected System
Authors: Li, Guanhua ; Wang, Ting ; Song, Yundong ; Wang, Liang ; Yan, Zheng ; Chen, Haoran ; Chen, Weidong
Source title: IET Conference Proceedings
3. **Accession number:** 20220211443361
Title: Research on sensorless control of PMSM using new constant speed reaching law
Authors: Zhang, Hanquan ; Zhang, Dongdong ; Zhu, Hongyu ; Zhao, Haisen ; Zhang, Yanli ; Li, Shenwang ; Shuang, Feng ; Wu, Thomas
Source title: Proceedings of SPIE - The International Society for Optical Engineering
4. **Accession number:** 20221812058669
Title: Study on Two Residual Flux Suppression Strategies of Current Transformer during Automatic Reclosing
Authors: Deng, Chenglin ; Deng, Chuanhai ; Wang, Han ; Zhong, Jianying ; Cai, Xinjing
Source title: Journal of Physics: Conference Series
5. **Accession number:** 20221812058856
Title: Influence of Charge Injection on Dynamic Characteristics of Space Charge in Polymer Thin Films under AC Stress
Authors: Deng, Chuanhai ; Wang, Han ; Xiao, Jieping ; Liu, Yuqi
Source title: Journal of Physics: Conference Series
6. **Accession number:** 20221111778316
Title: Research on the Coordination Control Strategy of Variable Speed Pumping Storage Unit and Multi-terminal Flexible and Straight System
Authors: Chen, Weidong ; Xu, Jianyuan ; Zhang, Xiaoheng ; Li, Xinwei ; Feng, Shichuan ; Chen, Haoran
Source title: 2021 11th International Conference on Power and Energy Systems, ICPES 2021
7. **Accession number:** 20220511567580
Title: Research on Transformer Winding State Identification Method Based on Frequency Domain Analysis and Multi-field Coupling
Authors: Jing, Yongteng ; Wang, Changyu ; Wang, Xiwen ; Li, Yan ; Li, Dongxue ; Ma, Qiang
Source title : 2021 3rd International Conference on Smart Power and Internet Energy Systems, SPIES 2021
8. **Accession number:** 20220511567585

Title: Winding Temperature Rise Field Synergy Analysis of Nano-two-phase Magnetic Fluid Transformer

Authors: Jing, Yongteng ; Cao, Jinglin ; Li, Yan ; Li, Dongxue ; Ma, Qiang

Source title : 2021 3rd International Conference on Smart Power and Internet Energy Systems, SPIES 2021

9. Accession number: 20221111778829

Title: DC Impedance Stability Analysis of DC Microgrid Supplying Power to Passive Network

Authors: Wei, Yitao ; Yang, Baoxin ; Zhong, Jianying; Zeng, Qiwu ; Xu, Jianyuan ; Yu, Gaole

Source title: 2021 11th International Conference on Power and Energy Systems, ICPES 2021

10. Accession number: 20221111778801

Title: Control Parameter Design of Three-Phase Grid Connected Inverter Based on LCL Filter

Authors: Zhong, Jianying ; Wei, Yitao ; Yang, Baoxin ; Cheng, Tiehan ; Xu, Jianyuan ; Yan, Zheng

Source title: 2021 11th International Conference on Power and Energy Systems, ICPES 2021

11. Accession number: 20220211445968

Title: Improved Control Method of Microgrid for the Better Dynamic Characteristics

Authors: Wang, Xuejie ; Ji, Yanchao ; Wang, Jianze ; Wang, Yuanjun ; Qi, Lei

Source title: Lecture Notes in Electrical Engineering

12. Accession number: 20224112865950

Title: Research on Identification Model of Weak Area of New Energy Grid Considering Operation Risk and Transient Stability Constraints

Authors: Yang, Libin ; Li, Chunlai ; Ma, Junxiong ; Liu, Shuo

Source title: Proceedings - 2022 Power System and Green Energy Conference, PSGEC 2022

13. Accession number: 20224112865950

Title: Research on Identification Model of Weak Area of New Energy Grid Considering Operation Risk and Transient Stability Constraints

Authors: Yang, Libin ; Li, Chunlai ; Ma, Junxiong ; Liu, Shuo

Source title: Proceedings - 2022 Power System and Green Energy Conference, PSGEC 2022

14. Accession number: 20224112865759

Title: Research on Frequency Control Model of Photovoltaic Plant Cluster Sending End Grid Considering Energy Storage Coordination

Authors: Li, Chunlai ; Yang, Libin ; Gao, Jin ; Liu, Shuo

Source title: Proceedings - 2022 Power System and Green Energy Conference, PSGEC 2022

15. Accession number: 20221111772099

Title: Investigation of Axial-Flux Permanent Magnet Machine with Strap-Wire and Segmented Magnet for Logistics Electric Vehicle

Authors: Zhang, Hang ; Zhou, Huijun ; Pei, Ruilin

Source title: Digests of the Intermag Conference

16. Accession number: 20221812058855

Title: Research on Protection Effects of Drainage Line on Secondary Cable in Substation

Authors: Gong, Lele ; Shen, Chen ; Fan, Lintao ; Cai, Xinjing

- Source title:** Journal of Physics: Conference Series
- 17. Accession number:** 20221812058853
Title: Safety Analysis of Secondary Cable in Substation during Power Frequency Short Circuit
Authors: Liu, Shengjun ; Yin, Yanzeng ; Qi, Hongbin ; Wang, Xuejia
Source title: Journal of Physics: Conference Series
- 18. Accession number:** 20221611964303
Title: Design and Analysis of a New Cooling Structure for Interior Permanent Magnet Synchronous Motor with Built-in Fan
Authors: Wang, Jin ; Chen, Lihui ; Yu, Zhanyang ; Wang, Zicheng ; Li, Yan
Source title: Journal of Physics: Conference Series
- 19. Accession number:** 20221812058854
Title: Research on Electromagnetic Interference of Lightning Current on Secondary Cable in Substation
Authors: Liu, Shengjun ; Yin, Yanzeng ; Qi, Hongbin ; Wang, Xuejia
Source title: Journal of Physics: Conference Series
- 20. Accession number:** 20224112865758
Title: Voltage stability control method of sending-end power grid based on combination of photovoltaic and storage
Authors: Li, Chunlai ; Li, Zhengxi ; Wang, Kai ; Deng, Chao
Source title: Proceedings - 2022 Power System and Green Energy Conference, PSGEC 2022
- 21. Accession number:** 20223712714486
Title: Mathematical Model of 12/14 Hybrid Stator Pole Type Bearingless Switched Reluctance Motor Based on Maxwell Stress Tensor Method
Authors: Xu, Zhenyao ; Huang, Cheng ; Yu, Siyang ; Wang, Huijun ; Yi, Tiehang ; Zhang, Zhihua
Source title: Proceedings of 2022 IEEE 5th International Electrical and Energy Conference, CIEEC 2022
- 22. Accession number:** 20223712714466
Title: Optimal Design of Hybrid Stator Pole Type Bearingless Switched Reluctance Motor with Simulated Annealing Particle Swarm Optimization Algorithm
Authors: Xu, Zhenyao ; Yu, Qingguo ; Wang, Huijun ; Zhang, Yue ; Yi, Tiehang
Source title: Proceedings of 2022 IEEE 5th International Electrical and Energy Conference, CIEEC 2022
- 23. Accession number:** 20220811697375
Title: Analytical Modeling for Magnetic Field Calculation of SPMSM Based on Equivalent Magnetic Network Method
Authors: Wang, Jin ; Zhang, Jialin ; Yu, Zhanyang ; Du, Jianmin ; Li, Yan
Source title: Journal of Physics: Conference Series
- 24. Accession number:** 20223712714557
Title: Research on Levitation Control of Stepped Rotor Type 12/14 Bearingless SRM
Authors: Xu, Zhenyao ; Fu, Jinyang ; Wang, Huijun ; Yi, Tiehang ; Zhang, Zhihua
Source title: Proceedings of 2022 IEEE 5th International Electrical and Energy Conference, CIEEC 2022

- 25. Accession number:** 20223712714913
Title: Study on the Influence of Rotor Eccentricity on the Characteristics of Hybrid Stator Pole Bearingless Switched Reluctance Motor
Authors: Xu, Zhenyao ; Zhou, Zhuhua ; Wang, Hao ; Wang, Huijun ; Yi, Tiehang ; Zhang, Zhihua
Source title: Proceedings of 2022 IEEE 5th International Electrical and Energy Conference, CIEEC 2022
- 26. Accession number:** 20220411535113
Title: Research on Virtual Inertia of AC/DC Hybrid Microgrids Based on the Firework Algorithm
Authors: Zhao, Qingsong ; Xu, Jianyuan ; Wang, Wende ; Sun, Feng
Source title: 2021 IEEE IAS Industrial and Commercial Power System Asia, I and CPS Asia 2021
- 27. Accession number:** 20223712741730
Title: Multi-Grouped Grid Map for Semantic-Aware Motion Planning of Mobile Robots
Authors: Yang, Guang ; Wang, Shuoyu ; Yang, Junyou ; Shi, Peng
Source title: 2022 IEEE International Conference on Mechatronics and Automation, ICMA 2022
- 28. Accession number:** 20223212536148
Title: Study on the Flexible Arc Elimination Method for Grounding Fault of Distribution Network Based on Single-phase Cascade H bridge
Authors: Wang, Ting ; Li, Guanhua ; Geng, Lina ; Jin, Xin ; Wang, Lang ; Chen, Weidong ; Yan, Zheng ; Chen, Haoran
Source title: IET Conference Proceedings
- 29. Accession number:** 20223212536148
Title: ANALYSIS OF DECOMPOSITION BY-PRODUCTS AND ITS FORMATION MECHANISM OF SF₆/N₂ MIXED GASES UNDER SPARK DISCHARGE
Authors: Ma, Fengxiang ; Feng, Ding ; Lin, Xin ; Xu, Jianyuan ; Ke, Yanguo ; Zhang, Jia ; Zhao, Hengyang
Source title: IET Conference Proceedings
- 30. Accession number:** 20221812060490
Title: Development and Clinical Evaluation of a Five-Fingered Myoelectric Prosthetic Hand with Pattern Recognition
Authors: Kuroda, Yuki ; Tsujimoto, Tatsuki ; Shimada, Takayoshi ; Yabuki, Yoshiko ; Bai, Dianchun ; Yamanoi, Yusuke ; Jiang, Yinlai ; Zhu, Jinying ; Yokoi, Hiroshi
Source title: LifeTech 2022 - 2022 IEEE 4th Global Conference on Life Sciences and Technologies
- 31. Accession number:** 20221912090976
Title: Modeling and Simulation Analysis of Transformer Hot Spot Temperature Based on Multi Physical Field Coupling Calculation and Temperature Rise Characteristics
Authors: Jing, Xu ; Shuxin, Liu ; Zhengwen, L.I. ; Chao, Wang ; Junci, Tang
Source title: 2022 4th Asia Energy and Electrical Engineering Symposium, AEEES 2022

- 32. Accession number:** 20223612683120
Title: Multi-robot Task Allocation for Nursing Home Based on Improved Particle Swarm Algorithm
Authors: Sun, Jin ; Zhao, Donghui ; Ren, Zhechen ; Yang, Zihao ; Liu, Houde ; Yang, Junyou
Source title : ICMLCA 2021 - 2nd International Conference on Machine Learning and Computer Application
- 33. Accession number:** 20221812047726
Title: Influence of Winding Placement on the Motor Copper Losses with High Frequency Power Supply
Authors: Wang, Yuqing ; Liu, Guangwei ; Xiong, Deming ; Wang, Jianqiao ; Zhang, Fengge
Source title: Lecture Notes in Electrical Engineering
- 34. Accession number:** 20221211809716
Title: Research on Multi-Objective Reactive Power Optimal Control Strategy of Multi-energy New Power System
Authors: Zhang, Qiang ; Bai, Enming ; Xu, Jianyuan ; Yuan, Peng ; Wang, Chao ; Liu, Wansong
Source title: Proceedings - 2021 International Conference on Power System Technology: Carbon Neutrality and New Type of Power System, POWERCON 2021
- 35. Accession number:** 20221211809716
Title: Transient dynamic analysis of 550kV high-speed breaking circuit breaker transmission system
Authors: Zou, Huancheng ; Lin, Xin ; Zhong, Jianying ; Tan, Shengwu ; Xu, Hua ; Xu, Jianyuan
Source title: IET Conference Proceedings
- 36. Accession number:** 20223712725371
Title: Research on arc extinguishing chamber electric field optimization and breaking characteristics of 252kV high-speed circuit breaker
Authors: Wang, Wenbo ; Gao, Kai ; Zhu, Qiunan ; Wang, Hanyao ; Liu, Pengfei ; Zou, Huancheng ; Geng, Zhenxin
Source title: IET Conference Proceedings
- 37. Accession number:** 20221611979648
Title: Modeling and Control of Photovoltaic Hydrogen Production System Adapting to Power Fluctuations
Authors: Han, Zijiao ; Yuan, Shun ; Wang, Jingyang ; Dong, Yannan ; Gao, Liu ; Yang, Yuqi
Source title : 5th IEEE Conference on Energy Internet and Energy System Integration: Energy Internet for Carbon Neutrality, EI2 2021
- 38. Accession number:** 20223312564532
Title: Low carbon and economic operation of integrated energy system considering electricity-thermal flexible load
Authors: Miao, Mingming ; Chen, Zhe ; Han, Tengda
Source title : Proceedings - 2022 2nd Asia-Pacific Conference on Communications

Technology and Computer Science, ACCTCS 2022

39. Accession number: 20221812052993

Title: Design of High Torque Density Motor with Permanent Magnet/Reluctance Hybrid Double Rotor

Authors: Li, Xiang ; Zhang, Zhaoyu ; Sun, Yujiang ; Yu, Siyang ; Zhang, Fengge

Source title: Lecture Notes in Electrical Engineering

40. Accession number: 20221912071440

Title: Study on Arc Characteristics in Zero Zone of C4F7N/CO2 Mixture

Authors: Li, Jing ; Li, Xue ; Liu, Shuxin ; Peng, Shidong ; Yu, Longbin

Source title: Lecture Notes in Electrical Engineering

41. Accession number: 20221111778622

Title: Research on System-Friendly Optical Storage DC Microgrid Sending-Out Control Strategy via MMC

Authors: Yang, Baoxin ; Wei, Yitao ; Zeng, Qiwu ; Xu, Jianyuan ; Zhang, Fan ; Huang, Minghao

Source title: 2021 11th International Conference on Power and Energy Systems, ICPEs 2021

42. Accession number: 20220911715422

Title: Current Situation and Potential of Seawater Desalination Loads to Consume Renewable Energy

Authors: Tang, Junci ; Chu, Shuai ; Zhang, Shitan ; Ge, Weichun ; Cui, Dai ; Liu, Chuang

Source title: Proceedings of the 33rd Chinese Control and Decision Conference, CCDC 2021

43. Accession number: 20222112134232

Title: Design of environmental monitoring system based on 4G Internet of things

Authors: Zhang, Shuo ; Yi, Yongfei ; Bai, Zhihui ; Xing, Zuoxia ; Song, Yundong

Source title: Journal of Physics: Conference Series

44. Accession number: 20222712306215

Title: Electromagnetic Design and Analysis of Low Speed Synchronous Motor with Dual-Stator and Permanent Magnet-Reluctance composite Rotor

Authors: Ding, Hui ; Wang, Yuxin ; Jin, Shi ; Zhang, Zhaoyu ; Yu, Siyang

Source title: Proceedings - 2022 5th International Conference on Power Electronics and their Applications, ICPEA 2022

45. Accession number: 20220811702522

Title: Differential Lightning Protection Analysis of 10kV Distribution Line under Different Working Conditions

Authors: Xu, Jie ; Liu, Jianing ; Tian, Ye ; Xu, Jianyuan

Source title: 2021 IEEE 2nd China International Youth Conference on Electrical Engineering, CIYCEE 2021

46. Accession number: 20220611587164

Title: Characteristics Analysis of a Novel Hybrid Rotor Type 12/14 Bearingless Switched Reluctance Motor

Authors: Qi, Yue ; Xu, Zhenyao ; Zhang, Yue

Source title: ICEMS 2021 - 2021 24th International Conference on Electrical Machines and Systems

- 47. Accession number:** 20220611587028
Title: Optimization Analysis of Rotor Structure Parameters on Permanent Magnet Assisted Reluctance Synchronous Motor
Authors: Luo, Hao ; Jin, Shi ; Zhang, Fengge ; Sun, Yujiang
Source title: ICEMS 2021 - 2021 24th International Conference on Electrical Machines and Systems
- 48. Accession number:** 20221211809313
Title: Study on multi-source coupled fault frequency defense method for new power system
Authors: Wang, Chao ; Chen, Weidong ; Xu, Jianyuan ; Li, Xinwei ; Zhang, Xiaoheng ; Tian, Yuan
Source title: Proceedings - 2021 International Conference on Power System Technology: Carbon Neutrality and New Type of Power System, POWERCON 2021
- 49. Accession number:** 20220511540253
Title: Structure Analysis of High Temperature Heat Storage Conductor Based on Thermal-Electricity-Magnetic Field Coupling
Authors: Chen, Lei ; Zhao, Xuzhang ; Zhao, Xinxin ; Jin, Yongqiang ; Xu, Tao
Source title : 2021 9th International Conference on Smart Grid and Clean Energy Technologies, ICSGCE 2021
- 50. Accession number:** 20222112134439
Title: Design of power measurement vector analysis tool
Authors: Zhang, Shuo ; Yi, Yongfei ; Sun, Mengxin ; Liu, Jinsong ; Liu, Yang
Source title: Journal of Physics: Conference Series
- 51. Accession number:** 20220811673712
Title: Core Loss and Deformation Computation in Permanent Magnet Linear Motors Considering the Effect of Stress on Magnetic and Magnetostrictive Properties
Authors: Li, Daiyan ; Zhang, Yanli ; Jing, Ying ; Xie, Dexin ; Koh, Chang-Seop
Source title: 2021 13th International Symposium on Linear Drives for Industry Applications, LDIA 2021
- 52. Accession number:** 20221211809665
Title: Research on Variable Speed Pumped Storage to Improve the Stable Operation Capability of Combined System
Authors: Sun, Junjie ; Feng, Shichuan ; Xu, Jianyuan ; Li, Xinwei ; Yuan, Peng ; Zhang, Xiaoheng
Source title: Proceedings - 2021 International Conference on Power System Technology: Carbon Neutrality and New Type of Power System, POWERCON 2021
- 53. Accession number:** 20221211809665
Title: Design of stadium lighting energy control system based on intelligent technology
Authors: Yi, Yongfei ; Zhang, Shuo ; Han, Ting ; Liu, Jinsong ; Xing, Zuoxia
Source title: Proceedings of SPIE - The International Society for Optical Engineering
- 54. Accession number:** 20220811702418
Title: A Coil Winding Method for Current Balance in Multi-Paralleled-Litz-Wire-Based Ultra-Thin IPT Pads
Authors: Xu, Yefei ; Chen, Yang ; Mai, Ruikun ; He, Zhengyou
Source title: 2021 IEEE 2nd China International Youth Conference on Electrical Engineering,

CIYCEE 2021

55. Accession number: 20221211809507

Title: Stability Optimization of Low-voltage DC Flexible Interconnected Power Station in AC Distribution Network Based on Impedance Analysis

Authors: Yu, Gaole ; Xu, Jianyuan ; Yan, Zheng ; Chen, Weidong ; Zhao, Dong ; Zhang, Zeli

Source title : Proceedings - 2021 International Conference on Power System Technology: Carbon Neutrality and New Type of Power System, POWERCON 2021

56. Accession number: 20221912079288

Title: Study on Discharge Decomposition Characteristics of Environmental Protection Insulating Medium CF3I

Authors: Liu, Shuangshuang ; Li, Hui ; Xu, Jianyuan ; Lin, Xin ; Zhang, Jia ; Geng, Zhenxin

Source title : ICEPE-ST 2022 - 2022 6th International Conference on Electric Power Equipment - Switching Technology

57. Accession number: 20220811679781

Title: A Fault Detection Method Based on SIFT Algorithm

Authors: Huan, Qinghang ; Yi, Hongyu ; Qu, Daolin ; Wang, Chunyuan ; Bai, Dianchun

Source title : ICECIE 2021 - 2021 International Conference on Electrical, Control and Instrumentation Engineering, Conference Proceedings

58. Accession number: 20223212540885

Title: Predictive Current Control Strategy of Three-phase PWM Rectifier under Power Network Unbalance

Authors: Xing, Zuoxia ; Fu, Jiaqi ; Chen, Lei ; Liu, Yang

Source title: IET Conference Proceedings

59. Accession number: 20223312583064

Title: A Smart Home Based on Multi-heterogeneous Robots and Sensor Networks for Elderly Care

Authors: Zhang, Tianqi ; Zhao, Donghui ; Yang, Junyou ; Wang, Shuoyu ; Liu, Houde

Source title : Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)

(四) 信息科学与工程学院 (13 篇)

1. **Accession number:** 20224012829179
Title: Data Processing in Internal-Combustion Engine Design Based on Neural-Fuzzy System
Authors: Tian, Guofu ; Sun, Shuhui ; Zhang, Ting
Source title: Lecture Notes in Electrical Engineering
2. **Accession number:** 20221411908376
Title: A Revocable Zone Encryption Scheme with Anonymous Authentication for C-ITS
Authors: Tian, Guofu ; Sun, Shuhui ; Zhang, Ting
Source title: Lecture Notes in Electrical Engineering
3. **Accession number:** 20220911733827
Title: An Accelerated Iterative Learning Control Approach for X-Y precision plane motion stage
Authors: Zhang, Tao ; Yan, Hongyu ; Jia, Danping ; Zhang, Hualiang ; Zhao, Bingjie ; Lu, Xu ; Liu, Yang
Source title: Proceedings - 2021 6th International Conference on Automation, Control and Robotics Engineering, CACRE 2021
4. **Accession number:** 20223912800341
Title: Identification of PMSM Moment of Inertia based on Model Reference Adaptive Algorithm
Authors: Ding, Fan ; Zhang, Tao ; Jia, Danping ; Zhang, Hualiang ; Pei, Quanshen ; Huang, Haoran
Source title: 2022 IEEE 4th International Conference on Power, Intelligent Computing and Systems, ICPICS 2022
5. **Accession number:** 20221411908451
Title: An Aggregate Anonymous Credential Scheme in C-ITS for Multi-Service with Revocation
Authors: Yue, Xiaohan ; Yang, Lixin ; Wang, Xibo ; Zeng, Shuaishuai ; Xu, Jian ; Bai, Shi ; He, Yuan
Source title: Proceedings - 2021 IEEE 20th International Conference on Trust, Security and Privacy in Computing and Communications, TrustCom 2021
6. **Accession number:** 20221611968421
Title: Application of Iterative Learning Control in X-Y Precision Planar Motion Platform
Authors: Yan, Hongyu ; Jia, Danping ; Zhang, Tao ; Zhang, Hualiang ; Xiong, Yingjie ; Lu, Xu ; Liu, Yang
Source title: Proceeding - 2021 China Automation Congress, CAC 2021
7. **Accession number:** 20221712027167
Title: Position control of XY precision planar motion table based on input shaping filter
Authors: Zhang, HuaLiang ; Lu, Xu ; Jia, DanPing ; Zhao, BingJie ; Zhang, Tao ; Liu, Yang ; Yan, HongYu
Source title : Proceedings - 2021 2nd International Conference on Electronics, Communications and Information Technology, CECIT 2021
8. **Accession number:** 20221611968099

Title: Signal-to-noise Ratio Analysis of Infrared Small Target Detection Based on Energy Accumulation For High-dimensional Motion Parameters

Authors: Ma, Tianlei ; Wang, Jiaqi ; Yang, Zhen ; Ku, Yanan ; Zhang, Chengshuo ; Ren, Xiangyang

Source title: Proceeding - 2021 China Automation Congress, CAC 2021

9. Accession number: 20221511942884

Title: A Supporting System for Implementing an Evaluation Model of Classroom Teaching Quality Based on Students' Self-estimation

Authors: Lianqiang, Niu ; Kunpeng, Wang ; Shengnan, Zhang ; Jiawei, Zheng ; Gang, Xu

Source title: Proceedings - 2021 20th International Conference on Ubiquitous Computing and Communications, 2021 20th International Conference on Computer and Information Technology, 2021 4th International Conference on Data Science and Computational Intelligence and 2021 11th International Conference on Smart Computing, Networking, and Services, IUCC/CIT/DSCI/SmartCNS 2021

10. Accession number: 20223612683195

Title: A Channel Allocation Algorithm for Non-cooperative Game-enhanced Learning for the Internet of Medical Things

Authors: Liang, Ying ; Zhu, Xiao ; Zhang, LinCong

Source title: ICMLCA 2021 - 2nd International Conference on Machine Learning and Computer Application

11. Accession number: 20221311839823

Title: Human action recognition based on convolutional neural network

Authors: Wei, Yingzi ; Jiang, Le

Source title: Proceedings - 2021 2nd International Conference on Intelligent Computing and Human-Computer Interaction, ICHCI 2021

12. Accession number: 20223612683100

Title: A study of medical IoT routing algorithms combined with clustering and sleep scheduling

Authors: Liang, Ying ; Wang, EnKan ; Zhang, LinCong

Source title: ICMLCA 2021 - 2nd International Conference on Machine Learning and Computer Application

13. Accession number: 20223912800117

Title: Trajectory Tracking Error Optimization based on Iterative Learning

Authors: Huang, Haoran ; Zhang, Tao ; Jia, Danping ; Zhang, Hualiang ; Yan, Hongyu ; Pei, Quanshen ; Ding, Fan

Source title: 2022 IEEE 4th International Conference on Power, Intelligent Computing and Systems, ICPICS 2022

(五) 管理学院 (2 篇)

1. **Accession number:** 20223912803794
Title: Dual-Channel Supply Chain Network Equilibrium Model with Consumer-Driven
Authors: Ma, Jun ; Zhang, Ding ; Feng, Ding ; Tu, Yiliu
Source title: 17th Wuhan International Conference on E-Business, WHICEB 2018
2. **Accession number:** 20223912803420
Title: Supply Chain Network Equilibrium Model for Perishable Products Based on Retailers' Utility
Authors: Yue, Xiaohan ; Zeng, Shuaishuai ; Wang, Xibo ; Yang, Lixin ; Xu, Jian ; Bai, Shi ; He, Yuan
Source title: Proceedings - 2021 IEEE 20th International Conference on Trust, Security and Privacy in Computing and Communications, TrustCom 2021

(六) 建筑与土木工程学院 (2 篇)

1. **Accession number:** 20221812047528
Title: Research on Crack Propagation and Critical Water Pressure of Basalt Under Hydraulic Coupling
Authors: Tang, Daming ; Quan, Hai ; Yu, Xinkai ; Xu, Qizhong ; Zhu, Zeqi
Source title: Lecture Notes in Civil Engineering
2. **Accession number:** 20222012103556
Title: Numerical Simulation Research of Excavation Based Enhanced Geothermal System
Authors: Li, Yu ; Ma, Ke ; Li, Hong ; Tao, Ye ; Liu, Guoyang
Source title: Journal of Physics: Conference Series

(七) 软件学院 (2 篇)

1. **Accession number:** 20223612683050

Title: Code generation technology and reliability analysis based on structure flow chart

Authors: Zhang, Tao ; Sun, Xuyang ; Shao, Zhong

Source title : ICMLCA 2021 - 2nd International Conference on Machine Learning and Computer Application

2. **Accession number:** 20221511942884

Title: A Supporting System for Implementing an Evaluation Model of Classroom Teaching Quality Based on Students' Self-estimation

Authors: Lianqiang, Niu ; Kunpeng, Wang ; Shengnan, Zhang ; Jiawei, Zheng ; Gang, Xu

Source title : Proceedings - 2021 20th International Conference on Ubiquitous Computing and Communications, 2021 20th International Conference on Computer and Information Technology, 2021 4th International Conference on Data Science and Computational Intelligence and 2021 11th International Conference on Smart Computing, Networking, and Services, IUCC/CIT/DSCI/SmartCNS 2021

(八) 人工智能学院 (9 篇)

1. **Accession number:** 20221611968124
Title: Position Sensorless Control of Permanent Magnet Synchronous Motor Based on Adaptive Sliding Mode Observer
Authors: Zhang, Tao ; Xiong, Yingjie ; Wang, Bolun ; Yan, Hongyu ; Chen, Xiyou
Source title: Proceeding - 2021 China Automation Congress, CAC 2021
2. **Accession number:** 20220911733827
Title: An Accelerated Iterative Learning Control Approach for X-Y precision plane motion stage
Authors: Zhang, Tao ; Yan, Hongyu ; Jia, Danping ; Zhang, Hualiang ; Zhao, Bingjie ; Lu, Xu ; Liu, Yang
Source title: Proceedings - 2021 6th International Conference on Automation, Control and Robotics Engineering, CACRE 2021
3. **Accession number:** 20222412229506
Title: Efficient feature matching algorithms applied to robust image processing
Authors: Chen, Kaige ; Ye, Ning ; Xie, Jianhong
Source title : 2022 7th International Conference on Intelligent Computing and Signal Processing, ICSP 2022
4. **Accession number:** 20221611968421
Title: Application of Iterative Learning Control in X-Y Precision Planar Motion Platform
Authors: Yan, Hongyu ; Jia, Danping ; Zhang, Tao ; Zhang, Hualiang ; Xiong, Yingjie ; Lu, Xu ; Liu, Yang
Source title: Proceeding - 2021 China Automation Congress, CAC 2021
5. **Accession number:** 20222712327218
Title: Application of Fuzzy Sliding Mode Control in Voice Coil Motor Control System
Authors: Zhao, Bingjie ; Liu, Yang ; Jia, Danping ; Zhang, Tao ; Zhang, Hualiang ; Yan, Hongyu ; Lu, Xu
Source title: Journal of Physics: Conference Series
6. **Accession number:** 20220611609985
Title: A Strategy of Subsea Pipeline Identification with Sidescan Sonar based on YOLOV5 Model
Authors: Li, Yan ; Wu, Meiyan ; Guo, Jiahong ; Huang, Yan
Source title: International Conference on Control, Automation and Systems
7. **Accession number:** 20221712027167
Title: Position control of XY precision planar motion table based on input shaping filter
Authors: Zhang, HuaLiang ; Lu, Xu ; Jia, DanPing ; Zhao, BingJie ; Zhang, Tao ; Liu, Yang ; Yan, HongYu
Source title : Proceedings - 2021 2nd International Conference on Electronics, Communications and Information Technology, CECIT 2021
8. **Accession number:** 20220211443220
Title: Optimization of input shaping parameters based on genetic algorithm
Authors: Lu, Xu ; Jia, Danping ; Zhang, Hualiang ; Zhao, Bingjie ; Zhang, Tao ; Liu, Yang ; Yan, Hongyu

Source title: Proceedings of SPIE - The International Society for Optical Engineering

9. **Accession number:** 20223912800117

Title: Trajectory Tracking Error Optimization based on Iterative Learning

Authors: Huang, Haoran ; Zhang, Tao ; Jia, Danping ; Zhang, Hualiang ; Yan, Hongyu ; Pei, Quanshen ; Ding, Fan

Source title: 2022 IEEE 4th International Conference on Power, Intelligent Computing and Systems, ICPICS 2022

(九) 环境与化学工程学院 (1 篇)

1. **Accession number:** 20220411490367

Title: Crystal structure of Mn-based MOF as a new catalyst for synthesizing novel insecticide tetrachlorantraniliprole

Authors: Cong, Yun-Bo ; Xie, Yin-Ping ; Wang, Ying-Xiu ; Han, Jin-Tao ; Liu, Jun ; Jiang, Zhong-Ping ; Hao, Ze-Sheng ; Jiang, Ai-Zhong ; Cheng, Chun-Sheng

Source title: Proceedings of SPIE - The International Society for Optical Engineering

(十) 其他: 未注明学院 (6 篇)

1. **Accession number:** 20221912079540
Title: Capture the Flag Based Assignment Algorithm for Tracking Task of Multi-UAVs
Authors: Dalei, Song ; Aoliang, Dai ; Xiaoqian, Wang ; Hongjun, Ma ; Donghui, Wei
Source title: 2022 5th International Symposium on Autonomous Systems, ISAS 2022
2. **Accession number:** 20220611603686
Title: Mitigating Process Variations with Cooperative Tuning for Performance and Power through a Simple DSL
Authors: Ma, Yunjiao ; He, Yuan ; Wada, Yasutaka ; Luo, Wenchao ; Sakamoto, Ryuichi ; Kondo, Masaaki
Source title : Proceedings - 2021 9th International Symposium on Computing and Networking Workshops, CANDARW 2021
3. **Accession number:** 20222112134453
Title: Research on running control strategy of photo-hydrogen coupling energy block system based on homogenization modeling
Authors: Han, Zijiao ; Wang, Liang ; Dong, Yannan ; Ge, Yanfeng ; Ge, Yangyang ; Ning, Chen ; Liu, Zirui
Source title: Journal of Physics: Conference Series
4. **Accession number:** 20221111778824
Title: Improved Circulation Suppression Strategy for MMC Considering Low Frequency Oscillation
Authors: Cheng, Tiehan ; Zhong, Jianying ; Yang, Baoxin ; Wei, Yitao ; Xu, Jianyuan ; Zhang, Zeli
Source title: 2021 11th International Conference on Power and Energy Systems, ICPES 2021
5. **Accession number:** 20220511574667
Title: Rolling Bearing Fault Diagnosis Based on Meta-Learning with Few-Shot Samples
Authors: He, Yunpeng ; Zang, Chuanzhi ; Zeng, Peng ; Wang, Mingxin ; Dong, Qingwei ; Liu, Yuqi
Source title: 3rd International Conference on Industrial Artificial Intelligence, IAI 2021
6. **Accession number:** 20221912079265
Title: Analysis of an Abnormal Faults of UHV DC Low-end YD-A Phase Converter Oil Chromatography
Authors: Zhou, Xiu ; Ma, Bo ; Liu, Weifeng ; Tian, Tian ; Luo, Yan ; Ma, Yunlong ; Wang, Hehu
Source title: Journal of Physics: Conference Series