

2023 年第一季度
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

2023 年 3 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2023 年 1 月 1 日至 2023 年 3 月 31 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 Affiliation”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、2023 年第一季度 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 (38 篇)

1. **Accession number:** 20230613565595
Title: Microstructure and Mechanical Properties of Ti6Al4V/Inconel625 Bimetallic Structures Fabricated by Laser Melting Deposition
Authors: Wang, Wenbo ; Xu, Nuo ; Liu, Xiangyu ; Jing, Zhicheng ; Xu, Guojian ; Xing, Fei
Source title: Journal of Materials Engineering and Performance
2. **Accession number:** 20231513879440
Title: Numerical simulations and validation of gas - solid flows in a fluidized-bed roaster based on the CFD-DPM model
Authors: Ma, Xue-Yi ; Wang, De-Xi ; Liu, Bo ; Dong, Hui ; Zhao, Liang
Source title: Canadian Journal of Chemical Engineering
3. **Accession number:** 20231714026655
Title: Time - Frequency Analysis for Planetary Gearbox Fault Diagnosis Based on Improved U-Net++
Authors: Zhang, Pinyang ; Chen, Changzheng
Source title: Journal of Failure Analysis and Prevention
4. **Accession number:** 20231413858515
Title: Rail repair technology based on high-pressure abrasive water jet
Authors: Yang, Guo-zhe ; Liu, Tong-ming ; Jiang, Xing-yu ; Song, Bo-xue ; Wang, Zi-sheng ; Tan, Qing-ze ; Liu, Wei-jun
Source title: International Journal of Advanced Manufacturing Technology
5. **Accession number:** 20231313812488
Title: Influence of Pits on the Tribological Properties and Friction-Induced Vibration Noise of Textured Tapered Roller Bearings
Authors: Wang, Yueyong ; Zhang, Yimin ; Long, Risheng
Source title: Tribology Transactions
6. **Accession number:** 20231313809595
Title: Thermal-oxidative aging and tribological properties of carbon nanotube/nitrile butadiene rubber composites with varying acrylonitrile content: Molecular dynamics simulations
Authors: Qian, Cheng ; Li, Yunlong ; Zhao, Jing ; Wang, Shijie ; He, Enqiu
Source title: Polymer Engineering and Science
7. **Accession number:** 20230613561600
Title: Adaptive non-singular fast terminal sliding mode based on prescribed performance for robot manipulators
Authors: Zhang, Yue ; Fang, Lijin ; Song, Tangzhong ; Zhang, Ming
Source title: Asian Journal of Control
8. **Accession number:** 20230613553579
Title: Prediction identification method of time-varying internal heat source based on inverse heat transfer problem
Authors: Li, Zhenjun ; Zhao, Chunyu
Source title: International Journal of Numerical Methods for Heat and Fluid Flow
9. **Accession number:** 20231613886792

- Title:** Model-free adaptive control based on prescribed performance and time delay estimation for robotic manipulators subject to backlash hysteresis
Authors: Zhang, Yue ; Fang, Lijin ; Song, Tangzhong ; Zhang, Ming
Source title: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science
- 10. Accession number:** 20231213776184
Title: Array piezoelectric energy harvester with frequency up-conversion in rotational motions: theoretical analyses and experimental validations
Authors: Mei, Xutao ; Dong, Ruihong ; Sun, Feng ; Zhou, Ran ; Zhou, Shengxi
Source title: Nonlinear Dynamics
- 11. Accession number:** 20230613553003
Title: Vibration characteristics of rotor system with disk-shaft clearance-eccentric coupling faults
Authors: Li, Zhinong ; Qiao, Fang ; Ma, Xingfu ; Li, Yunlong ; Wang, Fei
Source title: Noise and Vibration Worldwide
- 12. Accession number:** 20230913654038
Title: A novel collocation beam element based on absolute nodal coordinate formulation
Authors: Wang, Jia ; Wang, Tengfei ; Bian, Hongyou ; Liu, Weijun
Source title: Acta Mechanica
- 13. Accession number:** 20230113333336
Title: Thermal-oxidative aging behavior of graphene and graphene oxide-filled nitrile butadiene rubber: A molecular simulation approach
Authors: Zhao, Jing ; Yu, Mengmeng ; Qian, Cheng ; Wang, Shijie ; Wang, Zhaozhi
Source title: Polymer Engineering and Science
- 14. Accession number:** 20231013674803
Title: Research on an Improved Convolutional Neural Network Fault Diagnosis Method for Exciter System
Authors: Weng, Jian-Ming ; Chen, Xinqi ; Liu, Hongfang ; Qiu, Yue ; Yang, Hongyu ; An, Wenjie
Source title: Australian Journal of Electrical and Electronics Engineering
- 15. Accession number:** 20231613938743
Title: Optimization of Human-machine Interface Layout of Laser Additive Manufacturing Equipment Based on Reachable Domain
Authors: Wang, Xu ; Jiang, Xingyu ; Yang, Guozhe ; Ma, Mingyu ; Zhao, Wenpeng ; Liu, Xinhao ; Liu, Weijun
Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering
- 16. Accession number:** 20230613568198
Title: Stochastic configuration networks with chaotic maps and hierarchical learning strategy
Authors: Qiao, Jinghui ; Chen, Yuxi
Source title: Information Sciences
- 17. Accession number:** 20231413858597
Title: Mechanical efficiency reliability and sensitivity of axial piston pump
Authors: Du, Zunling ; Zhang, Yimin

Source title: Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS

18. Accession number: 20231113705540

Title: Effect of Laser Cleaning Process Parameters on Surface Paint Removal of TC4 Titanium Alloy

Authors: Liu, Weijun ; Zhang, Mingqi ; Li, Qiang ; Bian, Hongyou ; Zhao, Ziming ; Zhang, Dong

Source title: Zhongguo Jiguang/Chinese Journal of Lasers

19. Accession number: 20231113729882

Title: Microstructure and properties of composite coatings by laser cladding Inconel 625 and reinforced WC particles on non-magnetic steel

Authors: Zhang, Kai ; Ju, Huaicheng ; Xing, Fei ; Wang, Wei ; Li, Qiang ; Yu, Xingfu ; Liu, Weijun

Source title: Optics and Laser Technology

20. Accession number: 20231413854525

Title: Bearing fault diagnosis of wind turbines based on dynamic multi-adversarial adaptive network

Authors: Tian, Miao ; Su, Xiaoming ; Chen, Changzheng ; Luo, Yuanqing ; Sun, Xianming

Source title: Journal of Mechanical Science and Technology

21. Accession number: 20231513883319

Title: Effect of Cu Interlayer on Microstructure and Properties of TC4/IN718 Bimetallic Structure Fabricated by Directed Laser Deposition

Authors: Wang, Chenyang ; Xing, Fei ; Liu, Xiangyu ; Bian, Hongyou ; Xu, Guojian

Source title: Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering

22. Accession number: 20231713945724

Title: Research on the wear characteristics of magnetorheological fluid in sealing interface considering the interaction between surface roughness and magnetic particles

Authors: Liu, Bin ; Fu, Yanduo ; He, Luyao ; Geng, Hao ; Yang, Lijian

Source title: Sensors

23. Accession number: 20230213350258

Title: Dynamic characteristics of geometrically nonlinear viscous damping vibration isolation system

Authors: Liu, Hai-Chao ; Jin, Ying-Li ; Yan, Ming ; Sun, Zi-Qiang ; Hui, An-Min ; Wang, Kai-Ping

Source title: Zhendong Gongcheng Xuebao/Journal of Vibration Engineering

24. Accession number: 20231313815204

Title: Research on the progressive sagging damage and plastic hinge line mechanism of basic simplified hull girder subjected to near-field underwater explosion bubble

Authors: Gong, Yuxiang ; Zhang, Wenpeng ; Du, Zhipeng ; He, Jianwei

Source title: Ocean Engineering

25. Accession number: 20231613943077

Title: Effects of Single/Compound Pit Texture on the Friction-induced Vibration and Noise of Thrust Cylindrical Roller Bearings

Authors: Wang, Yueyong ; Zhang, Yimin ; Wang, Yibing ; Long, Risheng

- Source title:** Strojnski Vestnik/Journal of Mechanical Engineering
- 26. Accession number:** 20231313810440
Title: A fault diagnosis method based on stiffness evaluation model for full ceramic ball bearings containing subsurface cracks
Authors: Li, Tao ; Shi, Huaitao ; Bai, Xiaotian ; Zhang, Ke
Source title: Engineering Failure Analysis
- 27. Accession number:** 20231213778268
Title: FAULT DIAGNOSIS METHOD OF WIND TURBINE PLANETARY GEARBOX BASED ON ENHANCED CONVOLUTIONAL NEURAL NETWORK
Authors: Liang, Shuman ; Gu, Yanling ; Luo, Yuanqing ; Chen, Changzheng
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 28. Accession number:** 20231413824289
Title: Acoustic-Based Rolling Bearing Fault Diagnosis Using a Co-Prime Circular Microphone Array
Authors: Li, Chi ; Chen, Changzheng ; Gu, Xiaojiao
Source title: Sensors
- 29. Accession number:** 20231613900110
Title: Topology Optimization of Compliant Mechanisms Based on Rotation Constraint Strategy
Authors: Qiao, Heting ; Wu, Shuangshuang ; Yan, Ming ; Tang, Henan ; Cai, Gaoyuan
Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering
- 30. Accession number:** 20230913648866
Title: Analysis of the influence of pre-magnetization conditions on the working ability of Fe - Ga alloy vibration harvester
Authors: Wei, Linru ; Liu, Huifang ; Zhao, Qiang ; Liu, Zhanqi ; Chang, Yunlong
Source title: Journal of Materials Science: Materials in Electronics
- 31. Accession number:** 20230413429532
Title: Repair Parameter Design of Outer Reinforcement Layers of Offshore Wind Turbine Blade Spar Cap Based on Structural and Aerodynamic Analysis
Authors: Li, Hui ; Lu, Xiaolong ; Xin, Wen ; Guo, Zhihui ; Zhou, Bo ; Ning, Baokuan ; Bao, Hongbing
Source title: Energies
- 32. Accession number:** 20230213360240
Title: Atomic removal mechanism of nano polishing for single-crystal AlN substrate via molecular dynamics
Authors: He, Yan ; Sun, Jingting ; Gao, Peng ; Song, Shuyuan ; Wang, Kaiyuan ; Tang, Meiling
Source title: Materials Science in Semiconductor Processing
- 33. Accession number:** 20231513860464
Title: Scaled model and test method for marine gas turbine mount system
Authors: Wu, Shuangshuang ; Feng, Linhan ; Zhang, Lei ; Yan, Ming ; Wang, Teng
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
- 34. Accession number:** 20231113705410
Title: Laser Cleaning Technology of Anodized Film of 5083 Aluminum Alloy

Authors: Wang, Wei ; Ji, Xiangcheng ; Liu, Weijun ; Xing, Fei ; Bian, Hongyou

Source title: Zhongguo Jiguang/Chinese Journal of Lasers

35. Accession number: 20231113730757

Title: Dynamic energy-efficient scheduling of multi-variety and small batch flexible job-shop:

A case study for the aerospace industry

Authors: Tian, Zhiqiang ; Jiang, Xingyu ; Liu, Weijun ; Li, Zhiwu

Source title: Computers and Industrial Engineering

36. Accession number: 20231413823369

Title: Deep Learning-Based Semantic Segmentation Methods for Pavement Cracks

Authors: Zhang, Yu ; Gao, Xin ; Zhang, Hanzhong

Source title: Information (Switzerland)

37. Accession number: 20231213790129

Title: Molecular dynamics study of the mechanical and tribological properties of graphene oxide-reinforced polyamide 66/nitrile butadiene rubber composites

Authors: Li, Xinhao ; Li, Yunlong ; Qian, Cheng ; Zhao, Jing ; Wang, Shijie

Source title: Applied Physics A: Materials Science and Processing

38. Accession number: 20230713575935

Title: Experimental investigations into effect of milling parameters on milling force and burr micromorphology for Zr-based bulk metallic glass by using groove milling

Authors: Liu, Yin ; Gong, Yadong ; Cui, Xiaoqing ; Liang, Zhengyi ; Liu, Weijun ; Yuan, Zewei ; Yang, Heran ; Dong, Zhixu ; Sun, Xingwei

Source title: International Journal of Advanced Manufacturing Technology

(二) 材料科学与工程学院 (54 篇)

1. **Accession number:** 20230613565595
Title: Microstructure and Mechanical Properties of Ti6Al4V/Inconel625 Bimetallic Structures Fabricated by Laser Melting Deposition
Authors: Wang, Wenbo ; Xu, Nuo ; Liu, Xiangyu ; Jing, Zhicheng ; Xu, Guojian ; Xing, Fei
Source title: Journal of Materials Engineering and Performance
2. **Accession number:** 20230413443159
Title: Dynamic compression behaviour and microstructural evolution of the Mg - 6Zn - 2Ce - 0.6Zr alloy
Authors: Xu, Chenkun ; Wang, Zhi ; Wang, Feng ; Zhou, Le ; Mao, Pingli ; Wei, Ziqi ; Liu, Zheng
Source title: Materials Science and Technology (United Kingdom)
3. **Accession number:** 20230813614027
Title: Effect of initial microstructures on microstructures and properties of extruded AZ31 alloy
Authors: Zhu, Huiwen ; Yu, Baoyi ; Cai, Jingkai ; Bian, Jiancong ; Zheng, Li
Source title: Materials Science and Technology (United Kingdom)
4. **Accession number:** 20230413429337
Title: Oxidation properties of Ti-47.5Al-2.5V-1.0Cr-0.2Zr alloy at 950 - 1050 ° C
Authors: Lin, Xuejian ; Huang, Hongjun ; Yuan, Xiaoguang ; Wang, Yinxiao ; Zheng, Bowen ; Zuo, Xiaojiao ; Zhou, Ge
Source title: Materials Science and Technology (United Kingdom)
5. **Accession number:** 20231113710048
Title: Research Status and Prospect of Hot Tearing of Mg - Al Alloys
Authors: Li, Tongxu ; Wang, Feng ; Du, Xudong ; Bai, Shengwei ; Wang, Wei ; Wang, Zhi ; Zhou, Le ; Mao, Pingli ; Liu, Zheng
Source title: International Journal of Metalcasting
6. **Accession number:** 20230913630579
Title: Electrochemical Conditioning of Metallurgically Prepared NiFe₃ Binary Alloy for Facile Oxygen Evolution Reaction
Authors: Lin, Li ; Yu, Siyang ; Liu, Juntong ; Peng, Jianying ; Li, Yannan ; Chen, Lijia
Source title: ChemCatChem
7. **Accession number:** 20231013693809
Title: Design and fabrication of cactus-like ZnCo₂O₄@Ni(OH)₂ core/shell nanosheet arrays electrode for asymmetric supercapacitors
Authors: Zhang, Tengxi ; Sun, Yuchen ; Wang, Xiaowei ; Xiao, Li
Source title: Ionics
8. **Accession number:** 20231113706883
Title: Nanosheet-assembled MoS₂/Ni₃S₂ microspheres for flexible energy storage devices
Authors: Zhang, Tengxi ; Sun, Yuchen ; Wang, Xiaowei ; Xiao, Li
Source title: Journal of Solid State Electrochemistry
9. **Accession number:** 20230713599393

Title: The Microstructure and Mechanical Stability of Sc-Doped Mg₂Si/Al Composite: Experiments and First Principles Calculation

Authors: Zou, Xue ; Liu, Tongyu ; Liu, Weihua ; Yang, Chao ; Li, Yingmin ; Pan, Ying ; Kong, Zhanqi

Source title: International Journal of Metalcasting

10. Accession number: 20231013672919

Title: Effect of Ca Addition on Mechanical Properties and the Ignition Temperature of Cast WE43 alloys

Authors: Zhu, Huiwen ; Yu, Baoyi ; Bian, Jiancong ; Chang, Dongxu ; Zheng, Li

Source title: International Journal of Metalcasting

11. Accession number: 20231714014903

Title: Effect of Ceramic Powder on the Performance of Composite Water-Soluble Salt Cores: Comparison of Experimental Data and Molecular Dynamics Simulation

Authors: Wang, Xue-ting ; Song, Lai ; Liu, Wei-hua ; Liu, Xuan-yu

Source title: International Journal of Metalcasting

12. Accession number: 20231814028777

Title: Anomalous hot deformation behavior and microstructure evolution of as-cast martensitic NiTi alloy during hot compression

Authors: Tao, Chengchuang ; Huang, Hongjun ; Zhou, Ge ; Zheng, Bowen ; Zuo, Xiaojiao ; Chen, Lijia ; Yuan, Xiaoguang

Source title: Journal of Materials Science

13. Accession number: 20231713945364

Title: An Innovative Design for the Fabrication of Flexible Composite Films from Si₃N₄ Fiber Paper

Authors: Gong, Zhe ; Leng, Xinxin ; Bai, Xueang ; Qiao, Ruiqing

Source title: Advanced Engineering Materials

14. Accession number: 20231413850725

Title: Effect of ceramic matrix compositions on pore structure and properties of lightweight foamed ceramics

Authors: Wang, Yuzheng ; Zhou, Miao ; Li, Laishi ; Wu, Yusheng ; Xu, Pengchen ; Ma, Minglong

Source title: International Journal of Applied Ceramic Technology

15. Accession number: 20231714026374

Title: Improvement of microstructures and mechanical properties of AZ31 alloy sheets by particle micro-forging process

Authors: Zhu, Huiwen ; Yu, Baoyi ; Chang, Dongxu ; Zheng, Li ; Xiao, Wuzhou ; Lv, Shuning ; Yu, Boning ; Bian, Jiancong

Source title: Journal of Materials Research

16. Accession number: 20231613942222

Title: Effect of Cu/Mg Ratio on the Intermetallic Compound and Hot Tearing Susceptibility of Al - Cu - Mg Alloys

Authors: Yue, Chunyu ; Zheng, Bowen ; Su, Ming ; Zuo, Xiaojiao ; He, Mengyuan ; Yuan, Xiaoguang

Source title: International Journal of Metalcasting

- 17. Accession number:** 20230913654821
Title: Dynamic recrystallization behavior of β grains in hot deformed Ti-6Mo-5 V-3Al-2Fe alloy
Authors: Yue, Chunyu ; Zheng, Bowen ; Su, Ming ; Zuo, Xiaojiao ; He, Mengyuan ; Yuan, Xiaoguang
Source title: International Journal of Advanced Manufacturing Technology
- 18. Accession number:** 20230613552826
Title: Significantly improved corrosion resistance of high-entropy rare-earth silicate multiphase ceramics against molten CMAS
Authors: He, Yuxuan ; Wang, Xu ; Wang, Chao ; Liu, Shiyang ; Li, Liuyuan ; Wu, Yusheng ; Wang, Zhanjie
Source title: Journal of the American Ceramic Society
- 19. Accession number:** 20230713576802
Title: Stacking fault energy and creep mechanism of a single-crystal nickel-based superalloy
Authors: Wang, Guangyan ; Tian, Sugui ; Tian, Ning ; Zhu, Xinjie ; Zhang, Shunke ; Zhang, Song
Source title: Materials Science and Technology (United Kingdom)
- 20. Accession number:** 20230813627506
Title: Microstructure and corrosion behaviour of WC-Co coating fabricated by plasma arc welding
Authors: Zhang, H.F. ; Zhang, S. ; Wu, C.L. ; Zhang, C.H. ; Bai, X.L. ; Sun, X.Y. ; Chen, J.
Source title: Materials Science and Technology (United Kingdom)
- 21. Accession number:** 20230813628877
Title: Effect of Grain Size on Adiabatic Shear Sensitivity of AZ31 Magnesium Alloys
Authors: Liu, Xuanyu ; Mao, Pingli ; Wu, Xiaoxu ; Zhou, Le ; Wang, Zhi ; Liu, Zheng ; Wang, Feng
Source title: Journal of Materials Engineering and Performance
- 22. Accession number:** 20230413446276
Title: Modulating Surface Machining to Optimize Work Hardening and Corrosion Behavior in 304 Austenitic Stainless Steel
Authors: Wu, C.L. ; Zhao, T. ; Zhang, S. ; Wang, Z.Y. ; Zhang, C.H. ; Tan, J.Z.
Source title: Journal of Materials Engineering and Performance
- 23. Accession number:** 20230613548616
Title: Thermodynamic behaviors and hysteresis loops of an edge-modified Kekulene monolayer: A Monte Carlo study
Authors: Lv, Dan ; Diao, Yong-wei ; Wang, Feng ; Zhang, De-zhi
Source title: Physica B: Condensed Matter
- 24. Accession number:** 20231413852403
Title: Influence of vacancy on the elastic, thermodynamic and electronic properties of LaMgNi₄ alloys from first-principles calculations
Authors: Yang, Min ; Wang, Feng ; Wang, Wei ; An, Ying
Source title: Vacuum
- 25. Accession number:** 20230513458828

- Title:** The elastic anisotropy, electronic and optical properties of Bi₄Si₃O₁₂, Bi₂SiO₅, Bi₁₂SiO₂₀ and Bi₂Si₃O₉ crystals from first-principles calculations
Authors: Yang, Wanqi ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
- 26. Accession number:** 20231513865443
Title: Effect of vacancy defects and hydrogen, oxygen and nitrogen atomic occupation on the mechanical and electronic properties of C40-type VSi₂
Authors: Chen, Xinyue ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
- 27. Accession number:** 20231213752177
Title: The lattice vibration, mechanical anisotropy, stress-strain behavior and electronic properties of Hf_xSi_y phases: A first-principles study
Authors: Li, Chen ; Zhang, Xudong ; Wang, Feng
Source title: Vacuum
- 28. Accession number:** 20231714011908
Title: Influence mechanism of sucrose on phase change of K-feldspar during hydrothermal decomposition
Authors: LI, Lai-shi ; TANG, Jun-jie ; WU, Yu-sheng ; YU, Meng
Source title: Transactions of Nonferrous Metals Society of China (English Edition)
- 29. Accession number:** 20231113742059
Title: Study on Semisolid Rheo-Diecasting Process, Microstructure and Mechanical Properties of Mg-6Al-1Ca-0.5Sb Alloy with High Solid Fraction
Authors: Gu, Yuanhao ; Wang, Feng ; Jiao, Jian ; Wang, Zhi ; Zhou, Le ; Mao, Pingli ; Liu, Zheng
Source title: International Journal of Metalcasting
- 30. Accession number:** 20230313397347
Title: Microstructures and Mechanical Properties of Thick Ti - 6Al - 3Nb - 2Zr - 1Mo Joint by Magnetron-Controlled Narrow Gap TIG Welding
Authors: Ding, Laifa ; Qin, Binhao ; Ge, Keke ; Zeng, Zhibin ; Vladyslav, Khaskin ; Li, Feng ; Zhang, Yupeng ; Wang, Haiyan
Source title: Metals and Materials International
- 31. Accession number:** 20231714020499
Title: A comprehensive review of carbon anode materials for potassium-ion batteries based on specific optimization strategies
Authors: Yuan, Fei ; Li, Yanan ; Zhang, Di ; Li, Zhaojin ; Wang, Huan ; Wang, Bo ; Wu, Yusheng ; Wu, Yimin A.
Source title: Inorganic Chemistry Frontiers
- 32. Accession number:** 20231714020578
Title: One-step embedding method for immobilized bifunctional and alkaline ionic liquids as effective catalysts applied in transesterification
Authors: Zhao, Zhentao ; Liu, Mingyu ; Wang, Yuxin ; Yan, Zizhen ; Xu, Guangwen ; Guo, Jianjun ; Shi, Lei
Source title: Reaction Chemistry and Engineering
- 33. Accession number:** 20231013674290

Title: Effect of Carbon Content on the Microstructure and Mechanical Properties of GH3230 Alloy Formed by Laser Melting Deposition

Authors: Dong, Yang ; Hao, Mingsong ; Mu, Yahang ; Liang, Jingjing ; Qiu, Keqiang ; Li, Jinguo

Source title: Advanced Engineering Materials

34. Accession number: 20231213755585

Title: Study on corrosion resistance of aluminium coating deposited on magnesium-zinc-yttrium-calcium alloy by cold spray

Authors: Wang, M. ; Yu, B. ; Chang, D. ; Zheng, L.

Source title: Materialwissenschaft und Werkstofftechnik

35. Accession number: 20231513883319

Title: Effect of Cu Interlayer on Microstructure and Properties of TC4/IN718 Bimetallic Structure Fabricated by Directed Laser Deposition

Authors: Wang, Chenyang ; Xing, Fei ; Liu, Xiangyu ; Bian, Hongyou ; Xu, Guojian

Source title: Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering

36. Accession number: 20231513873083

Title: Microstructure change characteristic and fracture mechanism of Ti-47.5Al-2.5V-1.0Cr-0.2Zr alloy during high temperature tensile deformation

Authors: Lin, Xuejian ; Huang, Hongjun ; Yuan, Xiaoguang ; Zheng, Bowen ; Wang, Yinxiao ; Zuo, Xiaojiao ; Zhou, Ge

Source title: Journal of Alloys and Compounds

37. Accession number: 20231213746254

Title: Effect of deformation amount on microstructure and properties of AA2024-T814 with deep cryogenic treatment

Authors: Su, Ruiming ; Jia, Yongxin ; Li, Guanglong ; Qu, Yingdong ; Li, Rongde

Source title: Journal of Alloys and Compounds

38. Accession number: 20231713952396

Title: Crystallization kinetics and crystallization process of pseudoboehmite from ammonium aluminum sulfate solution

Authors: He, Wen ; Wu, Yusheng ; Wang, Yuzheng ; Li, Laishi ; Ma, Xiande

Source title: Journal of Crystal Growth

39. Accession number: 20231313803622

Title: Rose-shaped VS₂ nanosheets as cathode materials for rechargeable zinc ion batteries

Authors: Zhao, Shiqi ; Liu, Yi ; Wu, Xiang

Source title: CrystEngComm

40. Accession number: 20231713945337

Title: Achieving a Strong Friction-Lap Joint of Continuous Carbon-Fiber-Reinforced Plastic/Aluminum Alloy via a Surface Laser-Processing Pretreatment

Authors: Jiang, Chunyang ; Wu, Lihui ; Liu, Fengchao ; Xue, Peng ; Xiao, Bolv ; Ni, Dingrui ; Ma, Zongyi ; Chang, Yunlong

Source title: Advanced Engineering Materials

41. Accession number: 20231413852371

Title: Influence of calcination temperature on the microstructure and photocatalysis performance of B/Sm-TiO₂ nanomaterials

- Authors:** Xing, Jiahui ; Wang, Yuzheng ; Wu, Yusheng ; Li, Laishi ; Liu, Pengwei
Source title: Vacuum
- 42. Accession number:** 20231213757006
Title: Surface Selenization of NiCo-Layered Double Hydroxide Nanosheets for High-Performance Supercapacitors
Authors: Wang, Mengdi ; Liu, Xingyu ; Wu, Xiang
Source title: Batteries
- 43. Accession number:** 20231613901678
Title: Electronic structure tuning for enhanced oxygen evolution performance of a NiMnFeCr medium entropy alloy
Authors: Kumar, Ashok ; Mucalo, Michael ; Bolzoni, Leandro ; Li, Yiming ; Qu, Yingdong ; Yang, Fei
Source title: International Journal of Hydrogen Energy
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Title: Electronic structure and nanoindentation properties of electrochemical hydrogen-charged Zr-based metallic glasses
Authors: Dong, Fuyu ; Wan, Shaoshan ; Zhou, Guishen ; Niu, Ruize ; Zhang, Yue ; Yuan, Xiaoguang ; Wang, Binbin ; Luo, Liangshun ; Su, Yanqing ; kuang, Peng ; Zhang, Peng ; Cao, Xinzhong ; Cheng, Jun
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Authors: Yu, Shihua ; Shao, Yi
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Title: Theoretical prediction of the influence of defects and atomic occupation on the elastic and electronic properties of NbSi₂ from the first-principles calculations
Authors: Feng, Quan ; Li, Zhi-jie ; Zhang, Xudong ; Wang, Feng
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Authors: Wei, Xuelu ; Li, Laishi ; Wu, Yusheng ; Liu, Feng
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Authors: Yang, Yuping ; Su, Ruiming ; Ma, Siyi ; Li, Guanglong ; Qu, Yingdong ; Li, Rongde
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Authors: Li, Xiuyu ; Song, Guihong ; Li, Guipeng ; Liu, Ying ; Hu, Fang

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Title: Strain-engineering-regulated Al_{0.6}CrFe₂Ni₂ high entropy alloy enhances electrocatalytic water oxidation

Authors: Zhang, Tong ; Li, Guanglong ; Liang, Jian ; Wen, Zhen ; Zhang, Wei ; Hou, Peng-qing ; Dong, Shulin ; Qu, Yingdong

Source title: Journal of Alloys and Compounds

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Title: Analysis of the influence of pre-magnetization conditions on the working ability of Fe - Ga alloy vibration harvester

Authors: Wei, Linru ; Liu, Huifang ; Zhao, Qiang ; Liu, Zhanqi ; Chang, Yunlong

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Title: Insight into the structure dependence on physical properties of the high temperature ceramics TaB₂ boride

Authors: Mai, Ziyi ; Zhang, Xudong ; Liu, Yiting ; Yu, Hui ; Wang, Feng

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Authors: Wang, Shengyuan ; Chen, Lijia ; Chen, Xiao-Bo ; Zhang, Haoyu ; Zhou, Ge

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Authors: Jin, F. ; Yin, T.Y. ; Zhang, S. ; Wu, C.L. ; Zhang, C.H. ; Chen, J.

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Authors: Dong, Ting ; Fu, Renjie ; Zhang, Bo ; Peng, Bing ; Wei, Xuepeng
Source title: IEEE Transactions on Industry Applications
2. **Accession number:** 20231113711146
Title: Small-signal stability of AC/DC capacity and MMC controller voltage loop dominated systems
Authors: Bai, Enming ; Xu, Jianyuan
Source title: Journal of Power Electronics
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Title: Analysis and weakening of radial electromagnetic forces in high-speed permanent magnet motors with external rotors based on shape functions
Authors: Teng, XiaoYuan ; Li, Yan ; Zhang, BingYi ; Feng, GuiHong ; Liu, ZeYu
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4. **Accession number:** 20230613543350
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Authors: Ren, Xvdong ; Yan, Xiuke ; Lan, Jinpeng ; Ren, Ziyan ; Bai, Baodong
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5. **Accession number:** 20230213349489
Title: Open structure magnetic particle imaging by nonlinear back projection tomography reconstruction
Authors: Zu, Wannu ; Ke, Li ; Du, Qiang
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Authors: Li, Yanzhen ; Wang, Haixin ; Yang, Zihao ; Yang, Junyou ; Chen, Zhe
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Authors: Zhang, Bo ; Zhang, Miao ; Dong, Ting ; Lu, Mingquan ; Li, Haitao
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Authors: Hou, Qiang ; An, Yuejun ; Li, Ming ; An, Hui ; Sun, Ning ; Liu, Changlin ; Lu, Yanjun

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Authors: Shi, Kaimeng ; Zhang, Dianhai ; Ren, Ziyang ; Chen, Dezhi ; Zhang, Yanli ; Koh, Chang-Seop
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Authors: Lv, Dan ; Diao, Yong-wei ; Wang, Feng ; Zhang, De-zhi
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Title: Insight into magnetic characteristics of an ising monolayer Fe₃GeTe₂ structure
Authors: Liu, Jing-yang ; Wang, Wei ; Li, Nai-xun ; Xu, Chang ; Zhang, Feng-ge ; Hao, Zi-ming
Source title: Micro and Nanostructures
- 13. Accession number:** 20231714008835
Title: Space vector pulse width modulation strategy for modular multilevel converters in power system
Authors: Lu, Shengyang ; Zhenhong, Yan ; Yongsheng, Xiong ; Jianhao, Zhang ; Tong, Wang ; Yu, Zhu ; Yuqiu, Sui ; Junyou, Yang ; Zhang, Li ; Wang, Haixin
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Title: An Equivalent Differential Method for Active Damping of LCL Type Grid-Connected Inverters with Grid-side Inductor Voltage Feedback
Authors: Li, Mingming ; Ren, Yinwei ; Xiao, Huafeng ; Niu, Chenghui ; Cheng, Ming
Source title: IEEE Transactions on Power Electronics
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Title: A facile inverse dynamics method to study the impacts of fatigue on the lower limb biomechanics
Authors: Gong, Tianxing ; Zhao, Aoxiang ; Zhou, Jingqiu ; Chen, Yadong ; Ma, He ; Wang, Xiangdong ; Wang, Yu
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Authors: Wang, Xiaodong ; Li, Shanshan ; Liu, Yingming ; Jing, Tonghui ; Gao, Xing
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Authors: Lei, Cheng ; Lan, Yi-Peng ; Xu, Ze-Lai ; Sun, Yun-Peng ; Shi, Xiao-Lei
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Authors: Wang, Xiaodong ; Wang, Yonghao ; Liu, Yingming ; Gao, Xing

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Title: Research on multi-time scale modeling and interaction of electro-thermal coupling integrated energy system

Authors: Tang, Jian ; Feng, Xiaoxing ; Liu, Jianfeng ; Kang, Heran ; Hao, Xiaoqing

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Title: Rotor Loss Analysis of an External Rotor High-Speed Permanent Magnet Motor Considering Current Harmonics and Thermal Analysis under High-Temperature Gas

Authors: Teng, XiaoYuan ; Li, Yan ; Zhang, BingYi ; Feng, GuiHong ; Liu, ZeYu

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21. Accession number: 20230213363724

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Authors: Yuan, Hao ; Zhao, Ximei

Source title: International Journal of Control, Automation and Systems

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Title: Transient Stability Simulation Analysis of Multi Node Power Network with Variable Speed Pumped Storage Units

Authors: Zhao, Chong ; Wang, Longze ; Ma, Yiyi ; Xiang, Pengfei ; Jiang, Siyu ; Chen, Weidong ; Zhang, Yan ; Li, Meicheng

Source title: Journal of Electrical Engineering and Technology

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Authors: Chen, Yadong ; Gong, Tianxing ; Jiang, Nan ; Zhao, Aoxiang ; Wang, Tongyu ; Wang, Xiangdong ; Han, Wenfeng

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Authors: He, Baina ; Wu, Shuo ; Wang, Lemiao ; Zhang, Jingru ; Lin, Xin ; Meng, Fantao ; Liu, Yang

Source title: Electrical Engineering

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Authors: Li, Daiyan ; Zhang, Yanli ; Jing, Ying ; Wang, Zhen ; Xie, Dexin

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Title: Self-Healing Perovskite Grain Boundaries in Efficient and Stable Solar Cells via Incorporation of 502 Adhesive
Authors: Feng, Yifei ; Que, Zhongbao ; Zhai, Shuaibo ; Li, Jintian ; Gong, Jiaqi ; Hu, Ruiyuan ; Liu, Wei ; Hu, Jing ; Li, Xing' ao ; Chu, Liang
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Authors: Li, Daiyan ; Zhang, Yanli ; Jing, Ying ; Wang, Zhen ; Zhang, Dianhai
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- 28. Accession number:** 20230313383743
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Authors: Liu, Yingming ; Cui, Jiaping ; Wang, Xiaodong ; Hao, Rui ; Zhang, Pengbo ; Wang, Hanbo
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 29. Accession number:** 20231213774372
Title: The effects of BaTiO₃ on the handleability and mechanical strength of the prepared piezoelectric calcium phosphate silicate for bone tissue engineering
Authors: Wu, Tao ; Ji, Xiujuan ; Zhang, Zaishan ; Wang, Shun ; Zhou, Jingqiu ; Meng, Lisha ; Liu, Xinyu ; Yu, Hailong ; Gong, Tianxing ; Liu, Yao
Source title: Ceramics International
- 30. Accession number:** 20230613544235
Title: A PMSM Control System for Electric Vehicle Using Improved Exponential Reaching Law and Proportional Resonance Theory
Authors: Zhang, Dongdong ; Zhang, Hanquan ; Li, Xiang ; Zhao, Haisen ; Zhang, Yanli ; Wang, Shuyao ; Ahmad, Tanveer ; Liu, Tianhao ; Shuang, Feng ; Wu, Thomas
Source title: IEEE Transactions on Vehicular Technology
- 31. Accession number:** 20230413427464
Title: Dynamic synthetic inertial control method of wind turbines considering fatigue load
Authors: Wang, Hanbo ; Liu, Yingming ; Wang, Xiaodong ; Guo, Guoxian ; Wang, Liming
Source title: Frontiers in Energy Research
- 32. Accession number:** 20230113331172
Title: Temperature and electric field distribution of tri-post insulator in DC-GIL based on numerical multiphysics modelling
Authors: Li, Xiaolong ; Wan, Mingde ; Wang, Wen ; Geng, Zhenxin ; Lin, Xin
Source title: IET Generation, Transmission and Distribution
- 33. Accession number:** 20230413422124
Title: Preparation of Magnetorheological Material and Analysis on Its Characteristics in Core Gap Region
Authors: Zhang, Yifeng ; Zhang, Yanli ; Wang, Zhen ; Zhang, Dianhai ; Xie, Dexin
Source title: Gaodianya Jishu/High Voltage Engineering

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Title: Microcosmic mechanism and correction of moisture effect on furfural diffusion and equilibrium in oil-paper insulation
Authors: Feng, Dawei ; Chen, Ge ; Lin, Yuandi ; Liao, Ruijin ; Yuan, Dayong
Source title: High Voltage
- 35. Accession number:** 20231513873181
Title: Research on the adaptability of proton exchange membrane electrolysis in green hydrogen – electric coupling system under multi-operating conditions
Authors: Dong, Yannan ; Ma, Shaohua ; Han, Zijiao ; Bai, Jintong ; Wang, Qiwei
Source title: Energy Reports
- 36. Accession number:** 20231513884599
Title: Analysis of Induced Current Interrupting Characteristics for a 126kV GIS High-speed Earthing Switch With Carbon Dioxide
Authors: Zhang, Jia ; Lin, Xin ; Zhao, Xiaomin ; Zhang, Bo
Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 37. Accession number:** 20231113707106
Title: Analysis of electromagnetic characteristics of typical faults in permanent magnet wind generators
Authors: Liu, Guangwei ; Yu, Wenbin ; Wang, Xiaodong ; Teng, Yun ; Chen, Zhe
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- 38. Accession number:** 20231713945898
Title: The capacity optimization of the battery energy storage system in the combined cooling, heating and power microgrid
Authors: Wang, Haixin ; Mu, Siyu ; Cui, Haoqian ; Yang, Zihao ; Cheng, Shanshan ; Li, Jiling ; Li, Yanzhen ; Yang, Junyou
Source title: Energy Reports
- 39. Accession number:** 20230513527106
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Authors: Xin, Guo ; Shoudao, Huang ; Yu, Peng ; Junyou, Yang ; Haixin, Wang
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 40. Accession number:** 20231113711965
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Authors: Tong, Wenming ; Hou, Mingjun ; Lu, Jiwen ; Wu, Shengnan ; Jia, Jianguo
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- 41. Accession number:** 20231714020141
Title: Research on magnetic field and temperature field of multi-phase SPMSM under winding fault
Authors: Yu, Zhanyang ; Wan, Jiaocui ; Li, Yan ; Jing, Yongteng ; Wang, Sen
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Title: Application analysis of self-bonded electrical steel sheet in high power density PMSM for all-electric aircraft

Authors: Yu, Zhanyang ; Wan, Jiaocui ; Li, Yan ; Jing, Yongteng ; Wang, Sen

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(四) 信息科学与工程学院 (18 篇)

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Title: Reliability Comparison between Plain-based and Cluster-based Linear Wireless Sensor Networks
Authors: Yang, Hai-bo
Source title: IEEE Sensors Journal
2. **Accession number:** 20231213791726
Title: A Novel Single Gate Controlled Nonvolatile Floating Program Gate Reconfigurable FET
Authors: Jin, Xiaoshi ; Zhang, Shouqiang ; Li, Meng ; Liu, Xi
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3. **Accession number:** 20230613545691
Title: A multilevel object pose estimation algorithm based on point cloud keypoints
Authors: Yang, Haibo ; Jia, Junying ; Lu, Xin
Source title: Appl Intell
4. **Accession number:** 20231714014059
Title: Fusion PCAM R-CNN of Automatic Segmentation for Magnetic Flux Leakage Defects
Authors: Wang, Zhujun ; Yang, Lijian ; Sun, Tianhe ; Yan, Weizhe
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Title: A practical method for connectivity and coverage reliability analysis for linear wireless sensor networks
Authors: Yang, Haibo
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6. **Accession number:** 20231714013084
Title: VARF: An Incentive Mechanism of Cross-silo Federated Learning in MEC
Authors: Li, Ying ; Wang, Xingwei ; Zeng, Rongfei ; Yang, Mingzhou ; Li, Kexin ; Huang, Min ; Dustdar, Schahram
Source title: IEEE Internet of Things Journal
7. **Accession number:** 20231113704381
Title: Bumpless transfer control for switched systems: A time-and state-dependent multiple Lyapunov function method
Authors: Xie, Jing ; Liu, Bin ; Yang, Dong ; Wang, Yanhong ; Zhang, Di
Source title: Journal of the Franklin Institute
8. **Accession number:** 20230213373538
Title: Temperature Field Reconstruction Method for Acoustic Tomography Based on Multi-Dictionary Learning
Authors: Wei, Yuankun ; Yan, Hua ; Zhou, Yinggang
Source title: Sensors
9. **Accession number:** 20230913658239
Title: A Genosensor Based on the Modification of a Microcantilever: A Review
Authors: Zhang, He ; Yang, Shuang ; Zeng, Jian ; Li, Xin ; Chuai, Rongyan
Source title: Micromachines

- 10. Accession number:** 20230713586306
Title: Weak Magnetic Internal Signal Characteristics of Pipe Welds under Internal Pressure
Authors: Liu, Bin ; Fu, Yanduo ; He, Luyao ; Geng, Hao ; Yang, Lijian
Source title: Sensors
- 11. Accession number:** 20231713945724
Title: Research on the wear characteristics of magnetorheological fluid in sealing interface considering the interaction between surface roughness and magnetic particles
Authors: Liu, Bin ; Fu, Yanduo ; He, Luyao ; Geng, Hao ; Yang, Lijian
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Title: Study of MFL signal identification in pipelines based on non-uniform magnetic charge distribution patterns
Authors: Liu, Bin ; Lian, Zheng ; Liu, Tong ; Wu, Zihan ; Ge, Qian
Source title: Measurement Science and Technology
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Title: Quantitative study on internal detection signal of weak magnetic stress in oil and gas pipelines based on force-magnetic noncoaxial effect
Authors: Liu, Bin ; Sun, Jiayu ; He, Luyao ; Geng, Hao ; Yang, Lijian
Source title: Measurement: Journal of the International Measurement Confederation
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Title: The Signal Characteristics of Oil and Gas Pipeline Leakage Detection Based on Magneto-Mechanical Effects
Authors: Liu, Bin ; Ge, Qian ; Wu, Zihan ; Lian, Zheng ; Yang, Lijian ; Geng, Hao
Source title: Sensors
- 15. Accession number:** 20231213751048
Title: RDGCN: Reasonably dense graph convolution network for pedestrian trajectory prediction
Authors: Sang, Haifeng ; Chen, Wangxing ; Wang, Jinyu ; Zhao, Zishan
Source title: Measurement: Journal of the International Measurement Confederation
- 16. Accession number:** 20231714013087
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Authors: Li, Kexin ; Wang, Xingwei ; He, Qiang ; Ni, Qiang ; Yang, Mingzhou ; Huang, Min ; Dustdar, Schahram
Source title: IEEE Internet of Things Journal
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Title: ECT Image Reconstruction Based on Dimension-reduction Tikhonov Regularization
Authors: Wang, Yan ; Yan, Hua ; Wang, Yifan ; Zhou, Yinggang
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Title: Processing methods of the pipeline crack detection signal by a balanced field electromagnetic technique based on phase characteristics
Authors: Zheng, Wenxue ; Li, Jiayin ; Xiao, Yingxin

Source title: Review of Scientific Instruments

(五) 管理学院 (2 篇)

1. **Accession number:** 20231413847845

Title: Low-Carbon Cold-Chain Logistics Path Optimization Problem Considering the Influence of Road Impedance

Authors: Zhang, Aobei ; Zhang, Ying ; Liu, Yanqiu

Source title: IEEE Access

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Title: Fake online review recognition algorithm and optimisation research based on deep learning

Authors: Hou, Jiani ; Zhu, Aimin

Source title: Applied Mathematics and Nonlinear Sciences

(六) 理学院 (10 篇)

1. **Accession number:** 20231013684058
Title: Dissipative control of switched nonlinear systems with sliding mode: an event-triggered control scheme
Authors: Dong, Xiaoxiao ; Zhang, Xi
Source title: Nonlinear Dynamics
2. **Accession number:** 20231113710048
Title: Research Status and Prospect of Hot Tearing of Mg - Al Alloys
Authors: Li, Tongxu ; Wang, Feng ; Du, Xudong ; Bai, Shengwei ; Wang, Wei ; Wang, Zhi ; Zhou, Le ; Mao, Pingli ; Liu, Zheng
Source title: International Journal of Metalcasting
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Title: Insight into magnetic characteristics of an ising monolayer Fe₃GeTe₂ structure
Authors: Liu, Jing-yang ; Wang, Wei ; Li, Nai-xun ; Xu, Chang ; Zhang, Feng-ge ; Hao, Zi-ming
Source title: Micro and Nanostructures
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Title: Influence of vacancy on the elastic, thermodynamic and electronic properties of LaMgNi₄ alloys from first-principles calculations
Authors: Yang, Min ; Wang, Feng ; Wang, Wei ; An, Ying
Source title: Vacuum
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Title: The elastic anisotropy, electronic and optical properties of Bi₄Si₃O₁₂, Bi₂SiO₅, Bi₁₂SiO₂₀ and Bi₂Si₃O₉ crystals from first-principles calculations
Authors: Yang, Wanqi ; Zhang, Xudong ; Wang, Feng
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Title: Exploration of magnetic characteristics in perovskite LaCoO₃ by particle swarm optimization combined with Monte Carlo method
Authors: Li, Bo-chen ; Lv, Dan ; Wang, Wei ; Li, Hui-yi
Source title: Physics Letters, Section A: General, Atomic and Solid State Physics
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Title: The lattice vibration, mechanical anisotropy, stress-strain behavior and electronic properties of Hf_xSi_y phases: A first-principles study
Authors: Li, Chen ; Zhang, Xudong ; Wang, Feng
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Title: Optimal Output Agreement for T-S Fuzzy Multi-agent Systems: An Adaptive Distributed Approach
Authors: Li, Jiawen ; Jin, Zhenghong ; Zhang, Yi
Source title: International Journal of Fuzzy Systems
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Authors: Wu, Fangfang ; Xu, Duoduo ; Wang, Yingying

Source title: Physica Scripta

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Title: Theoretical prediction of the influence of defects and atomic occupation on the elastic and electronic properties of NbSi₂ from the first-principles calculations

Authors: Feng, Quan ; Li, Zhi-jie ; Zhang, Xudong ; Wang, Feng

Source title: Chemical Physics Letters

(七) 建筑与土木工程学院 (17 篇)

1. **Accession number:** 20230413418500
Title: Influence of Sulfur Defects on the Electronic and Optical Properties of Torsional NbS₂: First-Principles Calculation
Authors: Ni, JunJie ; Yang, Lu ; Wang, TianYun ; Jiang, Sisong
Source title: Physica Status Solidi (B) Basic Research
2. **Accession number:** 20230613566370
Title: Effect of Chlorine Salts on TiC Coating Morphology and Bonding Strength of Diamond Surface in Molten Salt Reaction
Authors: Meng, Jin ; Huang, Jie ; Xu, Xuelu
Source title: Crystal Research and Technology
3. **Accession number:** 20231213782096
Title: Effects of strain and Li adsorption on the electronic structure and optical properties of arsenene
Authors: He, Jianlin ; Liu, Guili ; Li, Xinyue ; Wang, Yao ; Zhang, Guoying
Source title: International Journal of Quantum Chemistry
4. **Accession number:** 20231714014420
Title: Toward Right Ventricle Segmentation in Cardiac MRIs via Feature Multiplexing and Multiscale Weighted Convolution
Authors: Liu, Jinping ; Li, Mengke ; Gong, Subo ; Mohammadzadeh, Ardashir ; Yang, Guanyi
Source title: IEEE Journal of Biomedical and Health Informatics
5. **Accession number:** 20230213349699
Title: The active rotary inertia driver system for flutter vibration control of bridges and various promising applications
Authors: Zhang, ChunWei
Source title: Science China Technological Sciences
6. **Accession number:** 20230113336143
Title: First-principles study on optoelectronic properties of nonmetal-doped PtS₂
Authors: Jiang, Sisong ; Yang, Lu ; Bao, Jinlin
Source title: Solid State Communications
7. **Accession number:** 20230913657430
Title: Calculation Method of Three-Dimensional Slope Safety Factor with Simultaneous Change of Height and Angle
Authors: Zhang, Chenxi ; Qiu, Shili ; Zeng, Zhiquan ; Zhang, Chuanqing ; Chen, Sili ; Zhou, Hui ; Cheng, Shuai
Source title: Geotechnical and Geological Engineering
8. **Accession number:** 20231413852583
Title: Experimental research on flexural behavior of post-tensioned self-compacting concrete beams with recycled coarse aggregate
Authors: Yu, Fang ; Wang, Min ; Yao, Dali ; Liu, Yunfeng
Source title: Construction and Building Materials
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Title: Compressive-Tensile Mechanics and Energy Consumptions of a Cementitious Composite with High Utilization of Steel Slag

Authors: Sheng, Guohua ; Jin, Shengji ; Li, Chao ; Bai, Quan ; Wang, Xiaoyu

Source title: KSCE Journal of Civil Engineering

10. Accession number: 20231313805486

Title: Flexural fatigue behavior of hybrid steel-polypropylene fiber reinforced high-strength lightweight aggregate concrete

Authors: Cui, Taotao ; Ning, Baokuan ; Shi, Xinxin ; Li, Jinyu

Source title: Construction and Building Materials

11. Accession number: 20231113728043

Title: Experimental Study on the Dissolution Characteristics and Microstructure of Carbonate Rocks under the Action of Thermal - Hydraulic - Chemical Coupling

Authors: Meng, Jinzhu ; Chen, Sili ; Wang, Junxiang ; Chen, Zhi ; Zhang, Jingyu

Source title: Materials

12. Accession number: 20230113324762

Title: Effect of Non-Metal Doping on the Optoelectronic Properties of Monolayer 1T-HfS₂ under Strain: A First-Principles Study

Authors: Bao, Jinlin ; Yang, Lu ; Chen, Shu

Source title: Russian Journal of Physical Chemistry A

13. Accession number: 20230113341613

Title: Photoelectric Properties of Single Layer TiS₂ Modified by Non-Metal Doping

Authors: Chen, Shu ; Yang, Lu ; Wang, Duo

Source title: Russian Journal of Physical Chemistry A

14. Accession number: 20231714025234

Title: Experimental study on the preparation of cementitious materials from iron ore tailings by activation

Authors: Liu, Jianping ; Ge, Xiaowei ; Liu, Peng ; Song, Ge ; Hu, Ziyang

Source title: Construction and Building Materials

15. Accession number: 20230413429532

Title: Repair Parameter Design of Outer Reinforcement Layers of Offshore Wind Turbine Blade Spar Cap Based on Structural and Aerodynamic Analysis

Authors: Li, Hui ; Lu, Xiaolong ; Xin, Wen ; Guo, Zhihui ; Zhou, Bo ; Ning, Baokuan ; Bao, Hongbing

Source title: Energies

16. Accession number: 20231714006933

Title: Earthquake induced structural pounding between adjacent buildings with unequal heights considering soil-structure interactions

Authors: Zhang, Jingcai ; Zhang, Chunwei

Source title: Earthquake and Structures

17. Accession number: 20230313390977

Title: Fresh, mechanical and microstructural properties of alkali-activated composites incorporating nanomaterials: A comprehensive review

Authors: Zhang, Chunwei ; Khorshidi, Hossein ; Najafi, Elham ; Ghasemi, Marziyeh

Source title: Journal of Cleaner Production

(八) 人工智能学院 (6 篇)

1. **Accession number:** 20231413848861
Title: Trajectory Tracking Control of Human Support Robots via Adaptive Sliding-Mode Approach
Authors: Su, Xiaojie ; Qing, Fandi ; Chang, Hongbin ; Wang, Shuoyu
Source title: IEEE Transactions on Cybernetics
2. **Accession number:** 20230613548623
Title: Optimal energy constrained deception attacks in cyber - physical systems with multiple channels: A fusion attack approach
Authors: Li, Yi-Gang ; Yang, Guang-Hong ; Wang, Xiangdong
Source title: ISA Transactions
3. **Accession number:** 20231413857362
Title: Coverage path planning of unmanned surface vehicle based on improved biological inspired neural network
Authors: Tang, Fei
Source title: Ocean Engineering
4. **Accession number:** 20231113704381
Title: Bumpless transfer control for switched systems: A time-and state-dependent multiple Lyapunov function method
Authors: Xie, Jing ; Liu, Bin ; Yang, Dong ; Wang, Yanhong ; Zhang, Di
Source title: Journal of the Franklin Institute
5. **Accession number:** 20230213380540
Title: Fault detection for discrete-time fuzzy systems with measurement errors using interval observers
Authors: Zhang, Zhi-Hui ; Wang, Huimin
Source title: Journal of the Franklin Institute
6. **Accession number:** 20230313396123
Title: An Intelligent Rehabilitation Robot With Passive and Active Direct Switching Training: Improving Intelligence and Security of Human-Robot Interaction Systems
Authors: Sun, Ping ; Shan, Rui ; Wang, Shuoyu
Source title: IEEE Robotics and Automation Magazine

(九) 环境与化学工程学院 (8 篇)

1. **Accession number:** 20230613555955
Title: Effect of polyethylene internal structure on antibacterial properties of nanosilver composites
Authors: Tian, Chengcheng ; Li, Yang ; Wang, Ying ; Hu, Xinlu ; Liu, Li-Zhi ; Shi, Ying
Source title: Journal of Applied Polymer Science
2. **Accession number:** 20230613548616
Title: Thermodynamic behaviors and hysteresis loops of an edge-modified Kekulene monolayer: A Monte Carlo study
Authors: Lv, Dan ; Diao, Yong-wei ; Wang, Feng ; Zhang, De-zhi
Source title: Physica B: Condensed Matter
3. **Accession number:** 20230713593059
Title: Exploration of magnetic characteristics in perovskite LaCoO₃ by particle swarm optimization combined with Monte Carlo method
Authors: Li, Bo-chen ; Lv, Dan ; Wang, Wei ; Li, Hui-yi
Source title: Physics Letters, Section A: General, Atomic and Solid State Physics
4. **Accession number:** 20231714011908
Title: Influence mechanism of sucrose on phase change of K-feldspar during hydrothermal decomposition
Authors: LI, Lai-shi ; TANG, Jun-jie ; WU, Yu-sheng ; YU, Meng
Source title: Transactions of Nonferrous Metals Society of China (English Edition)
5. **Accession number:** 20231413854525
Title: Bearing fault diagnosis of wind turbines based on dynamic multi-adversarial adaptive network
Authors: Tian, Miao ; Su, Xiaoming ; Chen, Changzheng ; Luo, Yuanqing ; Sun, Xianming
Source title: Journal of Mechanical Science and Technology
6. **Accession number:** 20230513468009
Title: Investigation of sulfonation degree and temperature on structure, thermal and membrane's properties of sulfonated poly (ether ether ketone)
Authors: Zhang, Yuqing ; Zhang, Ailing ; Wang, Song ; Li, Sanxi
Source title: International Journal of Hydrogen Energy
7. **Accession number:** 20230113326494
Title: Highly efficient phosphorous-containing flame retardant for transparent epoxy resin with good mechanical properties
Authors: Chen, Qi ; Wang, Song ; Li, Sanxi ; Zhang, Ailing
Source title: Journal of Polymer Research
8. **Accession number:** 20230213379455
Title: Novel cobalt-free perovskite PrBaFe_{1.9}Mo_{0.1}O_{5+δ} as a cathode material for solid oxide fuel cells
Authors: Zhang, Hai-Xia ; Yang, Ji-Xing ; Wang, Peng-Fei ; Yao, Chuan-Gang ; Yu, Xin-Dou ; Shi, Fa-Nian
Source title: Solid State Ionics

(十) 石油化工学院 (4 篇)

- 1. Accession number:** 20230813603513
Title: Preparation of a heteropoly acid ionic liquid and its application in the catalytic degradation of bottle-grade PET
Authors: Liao, Zhangbin ; Duan, Yunlong ; Guo, Liying ; Zheng, Rongrong ; Wang, Liyan ; Chen, Yanming ; Zhang, Linnan ; Qian, Xin
Source title: New Journal of Chemistry
- 2. Accession number:** 20230613545576
Title: Novel 4-arylaminoquinazoline derivatives: design, synthesis, crystal structure and biological evaluation as potent antitumor agents
Authors: Wang, Ya-Nan ; Cai, Zhi-Qiang ; Zhao, Chen-Kang ; Bo-Wang ; Chi, Liang-Liang ; Qin, Wei-Tao ; Wu, Li-Hua ; Zheng, De-Qiang
Source title: Molecular Crystals and Liquid Crystals
- 3. Accession number:** 20230713594305
Title: Highly Efficient Blue Electro-Fluorescence and Hybrid White Electroluminescence Basing on a Novel Hybrid Local and Charge-Transfer (HLCT) Material with Weak Donor - Acceptor Structure and High Carrier Mobilities
Authors: Cui, Wei ; Liu, Chaoke ; Chao, Xun ; Xie, Mingliang ; Sun, Qikun ; Liu, Danfeng ; Pan, Yuyu ; Zhang, Shi-Tong ; Xue, Shanfeng ; Yang, Wenjun
Source title: Advanced Optical Materials
- 4. Accession number:** 20230913635173
Title: Separation performance of the calix[8]arene functionalized with polyethylene glycol units for capillary gas chromatography
Authors: Huang, Qiuchen ; Cai, Zhiqiang ; Chen, Ruonan ; Li, Wei ; Zhang, Wei ; Zhao, Yi ; Jin, Keyun ; Li, Yiwen ; Sun, Tao ; Liu, Wentao
Source title: Analytical Sciences

(十一) 化工装备学院 (1 篇)

- 1. Accession number:** 20231513879440
Title: Numerical simulations and validation of gas - solid flows in a fluidized-bed roaster based on the CFD-DPM model
Authors: Ma, Xue-Yi ; Wang, De-Xi ; Liu, Bo ; Dong, Hui ; Zhao, Liang
Source title: Canadian Journal of Chemical Engineering

(十二) 其他: 未注明学院 (2 篇)

1. **Accession number:** 20231413858871

Title: Application of evolutionary game algorithm in product innovation research

Authors: Zhang, Shuo ; Zou, Hua ; Qiao, Zhicheng ; Xu, Yan ; Sun, Jian ; Qin, Hao

Source title: Journal of Computational Methods in Sciences and Engineering

2. **Accession number:** 20231713946248

Title: Loss analysis of magnetization annealed amorphous alloy replacement stator teeth

Authors: Hu, Haiyang ; Wang, Jiabao ; Huang, Shoushuai ; Tian, Baozhi ; Wang, Lihui ; Pei,

Ruilin

Source title: AIP Advances

二、2023 年第一季度 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) 材料科学与工程学院 (2 篇)

1. Accession number: 20231613938576

Title: Design of TaCu alloy coating for orthopaedic materials and study on dissolution behavior of copper ions

Authors: Yu, Xiaoming ; Guo, Zhaoxin ; Yi, Haowei

Source title: Journal of Physics: Conference Series

2. Accession number: 20231613938518

Title: Design of calculation model of residual stress in austenitic stainless steel during plastic deformation

Authors: Deng, Xiaoting ; Zhang, Shihong ; Cheng, Ming

Source title: Journal of Physics: Conference Series

(二) 电气工程学院 (25 篇)

1. **Accession number:** 20230213357444
Title: Study on the assessment of human water metabolism based on intracellular fluid and extracellular fluid volume
Authors: Du, Qiang ; Zou, Lijing ; Ke, Li ; Zhang, Zhi ; Wang, Heng
Source title : BIBE 2022 - 6th International Conference on Biological Information and Biomedical Engineering
2. **Accession number:** 20230213357459
Title: Study on magnetic induction tomography system using magnetic focusing coils
Authors: Du, Qiang ; Sun, Xiangnan ; Ke, Li ; Wang, Chenyang ; Liu, Yanan
Source title : BIBE 2022 - 6th International Conference on Biological Information and Biomedical Engineering
3. **Accession number:** 20231113696067
Title: Approximate Optimal Tracking Control for a Class of Discrete-time Nonlinear Systems based on GDHP Iterative Algorithm
Authors: Tan, Xufeng ; Li, Yuan ; Liu, Yang
Source title: Proceedings of the 34th Chinese Control and Decision Conference, CCDC 2022
4. **Accession number:** 20230213357430
Title: An improving calculation method of cardiac function parameters based on impedance cardiogram
Authors: Du, Qiang ; Wang, Xue-Lei ; Ke, Li ; Shen, Zhuo-Ran ; Yang, Wen-Hui
Source title : BIBE 2022 - 6th International Conference on Biological Information and Biomedical Engineering
5. **Accession number:** 20230313390473
Title: Guo, Hao ; Ke, Li ; Du, Qiang ; Guo, Song
Authors: Du, Qiang ; Wang, Xue-Lei ; Ke, Li ; Shen, Zhuo-Ran ; Yang, Wen-Hui
Source title: Proceedings - 2022 15th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2022
6. **Accession number:** 20230313390499
Title: A two-step regularization reconstruction algorithm for magnetic particle imaging
Authors: Liu, Dan ; Ke, Li ; Du, Qiang ; Zu, Wann
Source title: Proceedings - 2022 15th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2022
7. **Accession number:** 20231513885445
Title: Deep Reinforcement Learning Based Approach for Real-Time Dispatch of Integrated Energy System with Hydrogen Energy Utilization
Authors: Han, Yi ; Zhang, Yuxian ; Qiao, Likui
Source title: 2022 12th International Conference on Power and Energy Systems, ICPES 2022
8. **Accession number:** 20230413444761
Title: Optimal Operation Strategy of Multi-energy Microgrid Considering Orderly Energy Consumption
Authors: Lv, Bing ; Teng, Yun ; Zhao, Yanlong

Source title : 2022 IEEE 5th International Conference on Automation, Electronics and Electrical Engineering, AUTEEE 2022

9. Accession number: 20230413444812

Title: Coordinated planning model of charging station and rural multi-energy system considering traffic characteristics

Authors: Geng, Tieniu ; Zhang, Tieyan ; Yu, Zhaorui

Source title : 2022 IEEE 5th International Conference on Automation, Electronics and Electrical Engineering, AUTEEE 2022

10. Accession number: 20230413444775

Title: Collaborative Planning of Ocean Island Microgrid Cluster Based on Electric Vessel

Authors: Zhao, Yanlong ; Chen, Zhe ; Lv, Bing

Source title : 2022 IEEE 5th International Conference on Automation, Electronics and Electrical Engineering, AUTEEE 2022

11. Accession number: 20230113327254

Title: Based on Entropy Algorithm and Functional Connection Analysis of EEG in Autism

Authors: Zhao, Yunan ; Xie, Yi ; Shao, Xiting

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

12. Accession number: 20230413412176

Title: Intrackability Detection Based Upper-Limb Motion Recognition

Authors: Wang, Peiyao ; Li, Kairu

Source title : 2022 International Conference on High Performance Big Data and Intelligent Systems, HDIS 2022

13. Accession number: 20230313405214

Title: Measurement and Modeling of Dynamic Magnetic Hysteresis and Magnetostrictive Strain of Electrical Steel Sheet under Rotational Magnetization

Authors: Xu, Kai ; Zhang, Yanli ; Wang, Zhen

Source title : 2022 International Conference on Electrical Machines and Systems, ICEMS 2022

14. Accession number: 20230313390466

Title: Bioimpedance detection and analysis for the prefrontal functional area

Authors: Wang, Yuzhe ; Du, Qiang ; Ke, Li ; Bai, Yunfeng

Source title: Proceedings - 2022 15th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2022

15. Accession number: 20230413444807

Title: Energy Dispatching Strategy of Remote Islanded Microgrid with Energy Storage Vessel under Emergency Scenario

Authors: Huang, Lixiang ; Chen, Zhe ; Yu, Zhaorui

Source title : 2022 IEEE 5th International Conference on Automation, Electronics and Electrical Engineering, AUTEEE 2022

16. Accession number: 20230413444923

Title: A new state estimation method for power cooling integrated energy system

Authors: Zhaorui, Yu ; Tieyan, Zhang ; Tieniu, Geng

Source title : 2022 IEEE 5th International Conference on Automation, Electronics and Electrical Engineering, AUTEEE 2022

- 17. Accession number:** 20231513885304
Title: Multi-objective Optimal Scheduling Strategy of Microgrid Based on V2G Technology
Authors: Zhang, Lingxin ; Liu, Yang ; Hao, Lichao ; Zheng, Xiyue ; Liu, Xiaozhen ; Li, Jialu
Source title: 2022 12th International Conference on Power and Energy Systems, ICPES 2022
- 18. Accession number:** 20230313405621
Title: Mechanical Performance Analysis of Modified Insulating Paperboard in Transformers Based on Molecular Simulation
Authors: Wang, Bo ; Zhang, Yanli ; Wang, Zhen ; Zhang, Dianhai
Source title : 2022 International Conference on Electrical Machines and Systems, ICEMS 2022
- 19. Accession number:** 20230213357438
Title: Background field removal method of quantitative susceptibility mapping using deep learning
Authors: Hongyu, Guo ; Helong, Zhang ; Hong, Chen
Source title : BIBE 2022 - 6th International Conference on Biological Information and Biomedical Engineering
- 20. Accession number:** 20231613937312
Title: A Method for Dividing the Degradation Stage of an AC Contactor Contact System
Authors: Shuxin, Liu ; Zhu, Zhou ; Yang, Liu ; Yundong, Cao ; Xingwei, Jiang
Source title: Lecture Notes in Electrical Engineering
- 21. Accession number:** 20231613937304
Title: Research on Operation State Division of Railway DC Relay Based on Similarity Measure and Clustering
Authors: Liu, Shuxin ; Dai, Jie ; Gao, Shuyu ; Zou, Yanran ; Cao, Yundong
Source title: Lecture Notes in Electrical Engineering
- 22. Accession number:** 20231613937191
Title: Research on DC Fault Arc Detection Method Based on CEEMDAN-HT and SAE
Authors: Liu, Shuxin ; Zou, Yanran ; Gao, Shuyu ; Dai, Jie ; Cao, Yundong
Source title: Lecture Notes in Electrical Engineering
- 23. Accession number:** 20230113327235
Title: Load modeling of different type intelligent building considering thermal effect and dynamic electricity price
Authors: Tang, Junci ; Ge, Yanfeng ; He, Huan ; Cui, Dai ; Cui, Jia ; Xu, Kun ; Hu, Zhen
Source title: Journal of Physics: Conference Series
- 24. Accession number:** 20230113327236
Title: Industrial load identification based on sparse representation classification
Authors: Liu, Meijie ; Meng, Zhen ; Qiu, Peng ; Zhang, Yan ; Gao, Mingze ; Han, Ni ; Li, ZhiMin
Source title: Journal of Physics: Conference Series
- 25. Accession number:** 20230113327234
Title: Ultra short term load forecasting for different types of industrial parks with intelligent buildings
Authors: Tang, Junci ; Wang, Guanfu ; Cai, Zhiyuan ; Zhao, Xiaodong ; Li, Haoyu ; Cui, Jia ; Li, Zihan

Source title: Journal of Physics: Conference Series

(三) 信息科学与工程学院 (2 篇)

1. **Accession number:** 20230713575575

Title: STUDY ON NON-UNIFORMLY MAGNETIC MEMORY SIGNALS IN ELASTIC STAGE

Authors: He, Luyao ; Liu, Bin ; Yang, Lijian ; Wu, Zihan

Source title: IET Conference Proceedings

2. **Accession number:** 20231213753782

Title: Multi-scale Convolutional Feature Fusion for 6D Pose Estimation

Authors: Ren, Yan ; Liu, Jiamin

Source title: ACM International Conference Proceeding Series

(四) 管理学院 (1 篇)

1. **Accession number:** 20230913641469

Title: Research on the Management System of an Internet Big Data Analysis Platform Based on Machine Learning

Authors: Liu, LinHao

Source title: Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST

(五) 理学院 (3 篇)

1. **Accession number:** 20231113696067
Title: Approximate Optimal Tracking Control for a Class of Discrete-time Nonlinear Systems based on GDHP Iterative Algorithm
Authors: Tan, Xufeng ; Li, Yuan ; Liu, Yang
Source title: Proceedings of the 34th Chinese Control and Decision Conference, CCDC 2022
2. **Accession number:** 20231613938071
Title: Mask Constraint Based Image Local Style Transfer Algorithm
Authors: HongBo, Du ; Xin, Qi
Source title: Lecture Notes in Electrical Engineering
3. **Accession number:** 20231113696694
Title: Fault Diagnosis Observer Design and Output Feedback Fault-Tolerant Control of Descriptor Stochastic Systems
Authors: Su, Xiaoming ; Wu, Shiyi ; Bao, Adiya
Source title: Proceedings of the 34th Chinese Control and Decision Conference, CCDC 2022

(六) 软件学院 (8 篇)

1. **Accession number:** 20230313410199
Title: An image steganography method based on texture perception
Authors: Niu, Lianqiang ; Zhang, Jing
Source title : 2022 IEEE 2nd International Conference on Data Science and Computer Application, ICDSCA 2022
2. **Accession number:** 20231613899951
Title: Research on commodity image detection based on improved YOLOv5
Authors: Lv, JiaPeng ; Yang, DeGuo
Source title: Proceedings of SPIE - The International Society for Optical Engineering
3. **Accession number:** 20231613899978
Title: Human shooting pose accuracy recognition algorithm based on optimized YOLOv5
Authors: Chang, ZhanJun ; Yang, DeGuo
Source title: Proceedings of SPIE - The International Society for Optical Engineering
4. **Accession number:** 20231313803084
Title: Research on Gaussian mixture model to predict Lithium battery life
Authors: Feng, HaiWen ; Wang, JunLin
Source title : 2022 4th International Academic Exchange Conference on Science and Technology Innovation, IAECST 2022
5. **Accession number:** 20230513466356
Title: Research on Battery Life Prediction Method Based on Gaussian Process Regression
Authors: Feng, HaiWen ; Shi, JianMing
Source title : 2022 International Conference on Image Processing, Computer Vision and Machine Learning, ICICML 2022
6. **Accession number:** 20230513466478
Title: Cardiac Image Segmentation Based on Improved U-Net
Authors: Qiao, Guang Xiao ; Song, Ji Hong
Source title : 2022 International Conference on Image Processing, Computer Vision and Machine Learning, ICICML 2022
7. **Accession number:** 20230513466546
Title: Method for Automatic mandibular canal detection on improved U-Net
Authors: Wang, Yue ; Feng, Haiwen
Source title : 2022 International Conference on Image Processing, Computer Vision and Machine Learning, ICICML 2022
8. **Accession number:** 20231613938029
Title: Voice Assisted System for Garbage Sorting
Authors: Zheng, Jiawei ; Niu, Lianqiang
Source title: Lecture Notes in Electrical Engineering

(七) 人工智能学院 (2 篇)

1. **Accession number:** 20231113696182
Title: Event-triggered Sliding Mode Control for Piecewise Homogeneous Markovian Jump Systems
Authors: Yang, Xiangjie ; Zhang, Di ; Xie, Jing
Source title: Proceedings of the 34th Chinese Control and Decision Conference, CCDC 2022
2. **Accession number:** 20231113696791
Title: Study on hybrid modeling of urban wastewater treatment process
Authors: Chen, Zhaoxin ; Zhang, Jun ; Chu, Qinghao ; Wang, Yanhong
Source title: Proceedings of the 34th Chinese Control and Decision Conference, CCDC 2022

(八) 化工过程自动化学院 (1 篇)

1. **Accession number:** 20230413449610
Title: Improvement of excel data processing function based on Spring MVC framework
Authors: Chang, Xinyu ; Li, Jing
Source title: Proceedings of SPIE - The International Society for Optical Engineering

(九) 其他: 未注明学院 (17 篇)

1. **Accession number:** 20231013689730
Title: Exploiting Data Parallelism in Graph-Based Simultaneous Localization and Mapping: A Case Study with GPU Accelerations
Authors: Zheng, Junyuan ; He, Yuan ; Kondo, Masaaki
Source title: ACM International Conference Proceeding Series
2. **Accession number:** 20231613938009
Title: A Multilevel Cognitive Diagnosis Model with Time Influencing Factors
Authors: Shao, Zhong ; Zhou, Jianyu
Source title: Lecture Notes in Electrical Engineering
3. **Accession number:** 20231613938028
Title: The Disambiguation Strategy of Knowledge Fusion for Domain Knowledge Graph
Authors: Shao, Zhong ; Ma, Yunxiao
Source title: Lecture Notes in Electrical Engineering
4. **Accession number:** 20231613937511
Title: Distribution Line Fault Location Method Based on STSR and ICEEMDAN
Authors: Liu, Shuxin ; Qin, Wangyang ; Gao, Shuyu ; Cao, Yundong
Source title: Lecture Notes in Electrical Engineering
5. **Accession number:** 20231613937183
Title: Research on Residual Electric Life Prediction of DC Railway Relay Based on BiLSTM
Authors: Liu, Shuxin ; Gao, Shuyu ; Dai, Jie ; Zou, Yanran ; Peng, Shidong ; Jiang, Xingwei
Source title: Lecture Notes in Electrical Engineering
6. **Accession number:** 20231513884088
Title: Research on Array MIMO Wireless Power Transfer System Based on Improved GRNN algorithm
Authors: Liu, Yan ; Yu, Chao ; Jiang, Yongmei ; Liu, Pengyu
Source title: 2022 4th International Conference on Frontiers Technology of Information and Computer, ICFTIC 2022
7. **Accession number:** 20231313802945
Title: Application of Voiceprint Recognition Based on Improved ECAPA-TDNN
Authors: Dong, XiaoYang ; Song, JiHong
Source title : 2022 4th International Academic Exchange Conference on Science and Technology Innovation, IAECST 2022
8. **Accession number:** 20230713574951
Title: An auxiliary assembly method of industrial structural parts based on virtual-real fusion
Authors: Li, Shengyong ; Du, Linqing ; Xu, Shiyao ; Wang, Hongyu
Source title: Proceedings of 2022 8th IEEE International Conference on Cloud Computing and Intelligence Systems, CCIS 2022
9. **Accession number:** 20230513466533
Title: Multimodal Model Prediction of Pedestrian Trajectories Based on Graph Convolutional Neural Networks
Authors: Song, JiHong ; Zhao, Yang

Source title : 2022 International Conference on Image Processing, Computer Vision and Machine Learning, ICICML 2022

10. Accession number: 20231113734305

Title: The Development of Power Transformer Noise Computational Program

Authors: Han, Fangxu ; Wang, Huan ; Jing, Yongteng ; Wang, Xiuping

Source title: ACM International Conference Proceeding Series

11. Accession number: 20231113734304

Title: Numerical Calculation of the Electromagnetic Vibration and Noise in Power Transformer Based on the Multi-Field Coupling Method

Authors: Han, Fangxu ; Wang, Huan ; Wang, Xiuping ; Jing, Yongteng

Source title: ACM International Conference Proceeding Series

12. Accession number: 20230713579606

Title: Traffic-Aware Energy-Efficient Hybrid Input Buffer Design for On-Chip Routers

Authors: Gao, Yujie ; He, Yuan ; Yue, Xiaohan ; Jiang, Haiyan ; Wang, Xibo

Source title : Proceedings - 2022 IEEE 15th International Symposium on Embedded Multicore/Many-Core Systems-on-Chip, MCSoC 2022

13. Accession number: 20230513466531

Title: Research on machine vision technology based detection and tracking of objects on video image

Authors: Wang, YiHui ; Zhang, HuaLiang

Source title : 2022 International Conference on Image Processing, Computer Vision and Machine Learning, ICICML 2022

14. Accession number: 20230413446879

Title: Exploration of the principle of 6G communication technology and its development prospect

Authors: Xu, Xinyun ; Li, Bing ; Wang, Yuhao

Source title : Proceedings - 2022 International Conference on Electronics and Devices, Computational Science, ICEDCS 2022

15. Accession number: 20230313399772

Title: Fault diagnosis study of pumping well schematic based on SCN-integrated learning

Authors: Zhao, Baojun ; Zang, Chuanzhi ; Dong, Tianwei ; Chai, Feifei ; Zeng, Peng

Source title: 4th International Conference on Industrial Artificial Intelligence, IAI 2022

16. Accession number: 20230613550571

Title: Simulation and Research of Liquid Level Cascade Control System

Authors: Li, Xinhua ; Lu, Qi ; Zhang, Yanli

Source title: 2022 IEEE Conference on Telecommunications, Optics and Computer Science, TOCS 2022

17. Accession number: 20230313399590

Title: Fault diagnosis study of elevator based on stochastic configuration networks

Authors: Dong, Tianwei ; Zang, Chuanzhi ; Zeng, Peng

Source title: 4th International Conference on Industrial Artificial Intelligence, IAI 2022