

2024 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

2024 年 3 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2024 年 1 月 1 日至 2024 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 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、2024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 (51 篇)

1. **Accession number:** 20240715557127
Title: Direct Printing of Flexible Multilayer Composite Electrodes Based on Electrohydrodynamic Printing
Authors: Liu, Huifang; Yin, Xiaoge; Chi, Chengtao; Feng, Tiancheng; Wang, Peng; Wang, Wenguo; Tian, Haonan
Source title: Analyst
2. **Accession number:** 20240115308583
Title: Design and optimization of coupled structural parameters of magnetostrictive bistable harvester
Authors: Zhao, Luyao; Liu, Huifang; Shu, Liang; Cong, Xin; Yu, Xingfu; Liu, Zhanqi; Chang, Yunlong
Source title: Applied Physics A: Materials Science and Processing
3. **Accession number:** 20240615528859
Title: Relationship between the aging thermal oxygen and mechanical properties of nitrile butadiene rubber reinforced by RD-loaded carboxylated carbon nanotubes
Authors: Wang, Mengjia; Li, Yunlong; Qian, Cheng; Wang, Shijie; Liu, Dong
Source title: Applied Surface Science
4. **Accession number:** 20240715553538
Title: Simulation of Residual Stress Evolution of 8Cr4Mo4V Steel Induced by Laser Shock and Its Influence on Fatigue Performance
Authors: Sun, Yufeng; Liu, Weijun; Zhang, Hongwei; Su, Yong; Wei, Yinghua; Liu, Guisheng; Yu, Xingfu
Source title: Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
5. **Accession number:** 20240715552400
Title: Effects of methane concentration on tribological properties of diamond films prepared on different ceramic substrates
Authors: Zheng, Tongxiang; Zhang, Lixiu; Wu, Yuhou; Lu, Feng; Bai, Xu; Wang, He
Source title: Fullerenes Nanotubes and Carbon Nanostructures
6. **Accession number:** 20240415443347
Title: Structure and properties of Si₃N₄-based diamond/MoS₂-TiN composite films
Authors: Lu, Feng; Zhang, Ting; Bai, Xu; Wu, Yuhou; Zheng, Tongxiang; Zhao, Zichen
Source title: Fullerenes Nanotubes and Carbon Nanostructures
7. **Accession number:** 20240215336455
Title: Fault diagnosis of gear based on multi-channel feature fusion and Dropkey-Vision Transformer
Authors: Yang, Na; Liu, Jie; Zhao, Wei-qiang; Tan, Yutao
Source title: IEEE Sensors Journal
8. **Accession number:** 20240215339450
Title: Trajectory Deformation-Based Multi-Modal Adaptive Compliance Control for a Wearable Lower Limb Rehabilitation Robot
Authors: Zhou, Jie; Peng, Huanfeng; Zheng, Manxu; Wei, Zhe; Fan, Tao; Song, Rong
Source title: IEEE Transactions on Neural Systems and Rehabilitation Engineering

- 9. Accession number:** 20240115324076
Title: Deep learning approach for detection of unfavorable driving state based on multiple phase synchronization between multi-channel EEG signals
Authors: Chen, Jichi; Cui, Yuguo; Wang, Hong; He, Enqiu; Alhudhaif, Adi
Source title: Information Sciences
- 10. Accession number:** 20240615516242
Title: Deposition modeling and prediction in cold spray additive manufacturing based on MPA-ANN
Authors: Dong, Yixuan; Wang, Shijie; Yu, Tianbiao; Wang, Zhaozhi
Source title: Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS
- 11. Accession number:** 20240115316272
Title: Friction properties of graphene reinforced nitrile rubber composites after thermal oxidation aging: Experiment and molecular dynamics simulation
Authors: Zhao, Jing; Yu, Mengmeng; Yang, Yadi; Jiang, Bowen; Bai, Genyuan
Source title: Journal of Applied Polymer Science
- 12. Accession number:** 20240715537150
Title: Comparative study on thermal-oxygen aging and tribological properties of carbon nanotubes and graphene sheet reinforced hydrogenated nitrile rubber composite materials
Authors: Qian, Cheng; Wang, Shijie; Li, Yunlong; Nie, Rui; Song, Shuyuan
Source title: Journal of Materials Research and Technology
- 13. Accession number:** 20240615495701
Title: Cluster-Based Hybrid Approach for PCI Configuration and Optimization in 5G EN-DC Heterogeneous Networks
Authors: Li, Pengzhao; Yang, Heng; Kim, Iksang; Liu, Zhenyu; Li, Shanshan
Source title: Journal of Network and Systems Management
- 14. Accession number:** 20240115310663
Title: Investigation of the influence of process parameters on crack formation and mechanisms in Ti-48Al-2Cr-2Nb alloy via laser directed energy deposition
Authors: Cui, Baolei; Liu, Weijun; Bian, Hongyou; Chen, KeQiang; Xu, Xiaowen
Source title: Materials Research Express
- 15. Accession number:** 20240315402209
Title: The friction-induced microstructures changes of 18Cr-8Ni austenitic stainless steels with different grain sizes
Authors: Liu, J.; Wang, H.J.; Huang, L.; Ma, X.; Deng, X.T.; Wang, Z.D.
Source title: Materials Research Express
- 16. Accession number:** 20240215340092
Title: Nonlinear extended state observer based control for the teleoperation of robotic systems with flexible joints
Authors: Yan, Yongli; Liu, Fucui; Ren, Teng; Ding, Li
Source title: Mathematical Biosciences and Engineering
- 17. Accession number:** 20240115318232
Title: Study on the surface microtexture microscopic friction and wear characteristics of 304 stainless steel

- Authors:** Sun, Jingting; Yuan, Zewei; Tang, Meiling; Zheng, Peng; He, Yan; Wang, Ying
Source title: Modelling and Simulation in Materials Science and Engineering
- 18. Accession number:** 20240315396455
Title: Laser melting deposition of Inconel625 to Ti6Al4V bimetallic structure via vanadium interlayer
Authors: Wang, Wenbo; Xu, Nuo; Liu, Xiangyu; Jing, Zhicheng; Xu, Guojian; Xing, Fei
Source title: Optics and Laser Technology
- 19. Accession number:** 20240415429113
Title: Ultra-precision machining process of inner surface considering shear-thickening polishing method
Authors: Guo, Luguang; Wang, Xu; Lyu, Binghai; Lyu, Jianbiao; Wang, Jinhu; Chen, Hongyu; Zhao, Wenhong; Yuan, Julong
Source title: Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture
- 20. Accession number:** 20240115310099
Title: Improved dynamic sliding mode control for plate hoisting of cable crane under wind load
Authors: Tong, Shenghao; Xu, Wenpo; Zhao, Jinbao; Zhang, Ke; Shi, Huaitao; Hu, Binbin
Source title: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science
- 21. Accession number:** 20240615505451
Title: Design and analysis of magnetostrictive two-dimensional kinetic energy harvester
Authors: Liu, Huifang; Tong, Xiaoyan; Sun, Xingwei; Wang, Wenguo; Su, Liang; Chang, Yunlong; Liu, Zhanqi
Source title: Smart Materials and Structures
- 22. Accession number:** 20240215374772
Title: REMAINING USEFUL LIFE PREDICTION OF WIND TURBINE BEARINGS BASED ON DUAL-INPUT DEEP CONVOLUTIONAL NEURAL NETWORK
Authors: Liu, Jie; Su, Yuhan; Chen, Changzheng
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
- 23. Accession number:** 20240615521603
Title: Effect of laser cleaning the anodized surface of 5083 aluminum alloy on weld quality
Authors: Wang, Wei; Jiang, Qingyu; Liu, Weijun; Ji, Xiangcheng; Xing, Fei; Zhang, Kai; Wang, Jia
Source title: Welding in the World
- 24. Accession number:** 20240415420996
Title: Density-Reducing Monte Carlo Method for 7 Degrees of Freedom Humanoid Robot Arm Workspace Solution
Authors: Dou, Rutong; Yu, Shenbo; Sun, Feng; Xia, Pengpeng; Yokoi, Hiroshi; Jiang, Yinlai
Source title: Xinan Jiaotong Daxue Xuebao/Journal of Southwest Jiaotong University
- 25. Accession number:** 20240515455959
Title: Research on optical precision measurement method of angular contact ball bearings protrusion
Authors: Zhao, Wenhui; Zhang, Hao; Wei, Zhe

- Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 26. Accession number:** 20240415420324
Title: Research on thermal error of CNC machine tool feed system based on CNN-GRU combined neural network
Authors: Sun, Xingwei; Yang, Tongtong; Yang, Heran; Dong, Zhixu; Liu, Yin
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 27. Accession number:** 20240215370000
Title: Transmissibility Characteristics of Geometrically Nonlinear Viscous Damping Vibration Isolation System
Authors: Liu, Haichao; Yan, Ming; Sun, Ziqiang; Jin, Yingli; Wang, Kaiping; Hui, Anmin
Source title : Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis
- 28. Accession number:** 20240315402385
Title: Influence Mechanism of Substrate Chemisorption on Mechanical Cutting Properties of Graphene
Authors: Ran, Di; Zheng, Peng; Yuan, Zewei; Wang, Ning
Source title: Zhongguo Biaomian Gongcheng/China Surface Engineering
- 29. Accession number:** 20240715557127
Title: Direct Printing of Flexible Multilayer Composite Electrodes Based on Electrohydrodynamic Printing
Authors: Liu, Huifang; Yin, Xiaoge; Chi, Chengtao; Feng, Tiancheng; Wang, Peng; Wang, Wenguo; Tian, Haonan
Source title: ACS Applied Electronic Materials
- 30. Accession number:** 20241315819135
Title: Performance study and improvement of space-folded metamaterial muffler for pipe under grazing flow
Authors: Zhang, Dacheng ; Su, Xiaoming ; Sun, Yumeng ; Luo, Yuanqing ; Sun, Xianming ; Chen, Changzheng
Source title: Applied Acoustics
- 31. Accession number:** 20241015691251
Title: Current Status of Preparation Technology and Application of Graphene Nanoribbons
Authors: Zhou, Xinbo ; Fu, Jingshun ; Yuan, Zewei ; Zhong, Bing ; Liu, Tao ; Tang, Meiling
Source title: Cailiao Daobao/Materials Reports
- 32. Accession number:** 20241015691252
Title: Status and Prospect of Research on Laser Additive Manufacturing Path Planning for Metallic Materials
Authors: Chai, Yuanxin ; Xing, Fei ; Li, Dianqi ; Shi, Jianjun ; Miao, Liguó ; Bian, Hongyou ; Yan, Chengxin
Source title: Cailiao Daobao/Materials Reports
- 33. Accession number:** 20240915624615
Title: Melt Pool Size Extraction Method in Laser Directed Energy Deposition Based on Edge Gradient Search
Authors: Miao, Liguó ; Xing, Fei ; Shi, Jianjun ; Chai, Yuanxin ; Yan, Chengxin ; Bian, Hongyou ; Sun, Haijiang

- Source title:** Cailiao Daobao/Materials Reports
- 34. Accession number:** 20241315828784
Title: Effect of jet cavitation on oil recovery from oily sludge
Authors: Yang, Hanshuo ; Wang, Dexi ; Jiang, Jiuchuang ; Yang, Yali ; Yu, Honglei
Source title: Chemical Engineering and Processing - Process Intensification
- 35. Accession number:** 20241215780788
Title: Trajectory Planning Method of Intelligent Vehicle Based on Convex Approximate Obstacle Avoidance Principle and Sampling Area Optimization
Authors: Zhang, Yixu ; Tian, Guofu ; Wang, Haitao
Source title: Computer Engineering and Applications
- 36. Accession number:** 20241315801321
Title: Dynamic Movement Primitives Modulation-based Compliance Control for a New Sitting/Lying Lower Limb Rehabilitation Robot
Authors: Zhou, Jie ; Sun, Yao ; Song, Rong ; Wei, Zhe
Source title: IEEE Access
- 37. Accession number:** 20240815579517
Title: Residual Stress and Distortion Prediction for Laser Directed Energy Deposition Based on Cyclic Heat Transfer Model
Authors: Chai, Yuanxin ; Li, Dianqi ; Miao, Liguang ; Tang, Jinghu ; Xing, Fei
Source title: IEEE Access
- 38. Accession number:** 20241015706805
Title: Integrated thermal error modeling and compensation of machine tool feed system using subtraction-average-based optimizer-based CNN-GRU neural network
Authors: Yang, Tongtong ; Sun, Xingwei ; Yang, Heran ; Liu, Yin ; Zhao, Hongxun ; Dong, Zhixu ; Mu, Shibo
Source title: International Journal of Advanced Manufacturing Technology
- 39. Accession number:** 20241115722789
Title: Research on recognition algorithm for special-shaped parts based on improved YOLOv5s
Authors: Zhang, Jiarui ; Guo, Zhongfeng ; Yang, Junlin
Source title: Journal of Electronic Imaging
- 40. Accession number:** 20241315802483
Title: Wind Turbine Gearbox Bearing Fault Diagnosis Method Based on ICEEMDAN and Flexible Wavelet Threshold
Authors: Gao, Lu ; Gu, YanLing ; Chen, Changzheng ; Zhang, Pinyang ; Zhang, Zipei
Source title: Journal of Failure Analysis and Prevention
- 41. Accession number:** 20241115746214
Title: Numerical simulation and experimental study of a broadband acoustic metamaterial duct muffler considering thermal-viscous loss
Authors: Zhang, Dacheng ; Su, Xiaoming ; Sun, Yumeng ; Chen, Changzheng ; Sun, Xianming
Source title: Journal of Mechanical Science and Technology
- 42. Accession number:** 20241015708104

- Title:** Effect of Substrate Preheating on Cracking and Wear Resistance of Laser-Cladded Tribaloy T-800 Coatings on DD5 Single-Crystal Alloy
Authors: Guangtai, Zhang ; Weijun, Liu ; Hongyou, Bian ; Fei, Xing ; Xiaowen, Xu
Source title: Journal of Thermal Spray Technology
- 43. Accession number:** 20241115738274
Title: Effect of Sm₂O₃ particles on microstructure and properties of FeCoNiCrMn composite coating by laser cladding
Authors: Zhang, Kai ; Wang, Wenlong ; Liu, Weijun ; Liu, Chengwei ; Geng, Jingtao ; Wang, Huiru ; Bian, Hongyou
Source title: Materials Chemistry and Physics
- 44. Accession number:** 20241315812279
Title: Design and preparation of sulfur vulcanized polyamide 66 cross-linked nitrile butadiene rubber networked and its application in blending with graphene oxide
Authors: Li, Xinhao ; Li, Yunlong ; Qian, Cheng ; Wang, Shijie ; Nie, Rui
Source title: Materials Today Communications
- 45. Accession number:** 20241215785923
Title: Enhanced grip force estimation in robotic surgery: A sparrow search algorithm-optimized backpropagation neural network approach
Authors: Yan, Yongli ; Sun, Tiansheng ; Ren, Teng ; Ding, Li
Source title: Mathematical Biosciences and Engineering
- 46. Accession number:** 20240815607807
Title: Study on the atomic removal behavior and damage formation mechanism of nano cutting copper-nickel alloy with diamond tool
Authors: He, Yan ; Gao, Zikai ; Tang, Meiling ; Gao, Xingjun ; Fan, Lin ; Sun, Jingtong
Source title: Modelling and Simulation in Materials Science and Engineering
- 47. Accession number:** 20241315823472
Title: Synchronization characteristics of two induction motors on a floating raft system
Authors: Kong, Xiangxi ; Wang, Shaodong ; Dong, Zhixu ; Xu, Qi ; Cong, Xin
Source title: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science
- 48. Accession number:** 20240815612704
Title: Research on fault diagnosis of electromagnetic active suspension based on double observer intelligent switching
Authors: Wu, Liping ; Zhou, Ran ; Yang, Guang ; Xu, Fangchao ; Jin, Junjie ; Zhao, Chuan ; Oka, Koichi ; Sun, Feng
Source title: Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering
- 49. Accession number:** 20241115748356
Title: Dynamic and thermal coupling modeling analysis of full-ceramic angular contact ball bearing considering sliding
Authors: Zhang, Ke ; Zhang, Liqi ; Wang, Zhan ; Wang, Zinan ; Gao, Liuwang
Source title: Transactions of the Canadian Society for Mechanical Engineering
- 50. Accession number:** 20240915646997

Title: Nonlinear dynamic characteristics analysis of full ceramic angular contact ball bearing considering ball slip

Authors: Zhang, Ke ; Zhang, Liqi ; Wang, Zhan ; Gao, Liuwang

Source title: Zhendong yu Chongji/Journal of Vibration and Shock

51. Accession number: 20240915647587

Title: Research on scaling law of boundary tearing damage of stiffened plates for ship subjected to underwater explosion load

Authors: Gao, Peng ; Yan, Ming ; Zhang, Quan ; Du, Zhipeng

Source title: Zhendong yu Chongji/Journal of Vibration and Shock

(二) 材料科学与工程学院 (120 篇)

1. **Accession number:** 20240515481656
Title: Utilizing Gradient Oxidized Alloys to Establish a Highly Stable Interfacial Chemical Environment for Aqueous Zinc-ion Batteries
Authors: Wang, Tiantian; Wang, Yu Ao; Wang, Xiaomei; Chang, Mengwei; Zhang, Yue; You, Junhua; Hu, Fang; Zhu, Kai
Source title: Advanced Functional Materials
2. **Accession number:** 20240515470653
Title: Enhancement of magnetoelectric coupling in laminate composites of textured Fe-Ga thin sheet and PZT
Authors: Liu, Jiande; He, Zhenghua; Mi, Chengdong; Sha, Yuhui; Zhu, Xiaofei; Hao, Hongbo; Chen, Lijia; Zuo, Liang
Source title: AIP Advances
3. **Accession number:** 20240315396578
Title: Heterointerface and crystallinity engineering of Ru/RuS₂ dual co-catalysts for enhanced photocatalytic hydrogen evolution
Authors: Wang, Xinyu; You, Junhua; Ren, Jiali; Xue, Yanjun; Tian, Jian; Zhang, Hangzhou
Source title: Applied Catalysis B: Environmental
4. **Accession number:** 20240115308583
Title: Design and optimization of coupled structural parameters of magnetostrictive bistable harvester
Authors: Zhao, Luyao; Liu, Huifang; Shu, Liang; Cong, Xin; Yu, Xingfu; Liu, Zhanqi; Chang, Yunlong
Source title: Applied Physics A: Materials Science and Processing
5. **Accession number:** 20240715553538
Title: Simulation of Residual Stress Evolution of 8Cr4Mo4V Steel Induced by Laser Shock and Its Influence on Fatigue Performance
Authors: Sun, Yufeng; Liu, Weijun; Zhang, Hongwei; Su, Yong; Wei, Yinghua; Liu, Guisheng; Yu, Xingfu
Source title: Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
6. **Accession number:** 20240715538771
Title: Tuning the p-type conductivity and transparency of perovskite nickelates by configurational entropy
Authors: Bai, Yu; Chai, De Zheng; Shao, Yan; Zheng, Chao; Li, Si Tong; Zhang, Fan; Wang, Zhan Jie
Source title: Ceramics International
7. **Accession number:** 20240715538354
Title: Synthesis, microstructure, and mechanical properties of MAX phase Ti₂GaC ceramics with V doping
Authors: Wei, Xuelu; Li, Laishi; Liu, Feng; Fan, Limin; Wu, Yusheng
Source title: Ceramics International
8. **Accession number:** 20240315405700

Title: Progress of Copper-based Nanocatalysts in Advanced Oxidation Degraded Organic Pollutants

Authors: Li, Xuanhao; You, Junhua; Li, Jingjing; Wang, Zhiwei; Zhao, Yao; Xu, Jingsheng; Duan, Mingyi; Zhang, Hangzhou

Source title: ChemCatChem

9. Accession number: 20240215371355

Title: Hybrid organic frameworks: Synthesis strategies and applications in photocatalytic wastewater treatment - A review

Authors: Wang, Zhaobo; Wang, Hongxin; Shi, Peng; Qiu, Jiangyuan; Guo, Rui; You, Junhua; Zhang, Hangzhou

Source title: Chemosphere

10. Accession number: 20240315408653

Title: A preliminary attempt at capacitive deionization with PVA/PSS gel coating as an alternative to ion exchange membrane

Authors: Ming, Hao; Zhang, Shiyue; Yue, Jinyu; Zhao, Zhongyuan; Guan, Yinyan; Liu, Shiyue; Gao, Weichun; Liang, Jiyan

Source title: Environmental Technology (United Kingdom)

11. Accession number: 20240215364229

Title: Adjustable damping properties of the AlCrFe₂Nix medium entropy alloys by tuning phase constituent

Authors: Wang, Hongding; Zhang, Wei; Gao, Peng; Xiang, Qingchun; Qu, Yingdong; Cheng, Jingchang; Ren, Yinglei; Yu, Bo; Qiu, Keqiang

Source title: Intermetallics

12. Accession number: 20240415417101

Title: Effect of non-metallic carbon content on the microstructure and corrosion behavior of AlCoCrFeNi high-entropy alloys

Authors: Wang, Yi; Li, Guanglong; Qi, Hao; Zhang, Wei; Chen, Ruirun; Su, Ruiming; Yu, Bo; Qu, Yingdong

Source title: Intermetallics

13. Accession number: 20240315387826

Title: Effect of hydrogen on thermal deformation behavior and microstructure evolution of MoNbHfZrTi refractory high-entropy alloy

Authors: Shen, Xiangyang; Liu, Feng; Guan, Jinyuan; Dong, Fuyu; Zhang, Yue; Guo, Zihe; Yuan, Ye; Wang, Binbin; Luo, Liangshun; Su, Yanqing; Cheng, Jun; Yuan, Xiaoguang; Liaw, Peter K.

Source title: Intermetallics

14. Accession number: 20240315397462

Title: Anodic leaching plus chronopotentiometric aging of Ni₂Fe ingot for sustainable oxygen evolution and urea oxidation reactions

Authors: Lin, Li; Wang, Luyao; Li, Peiyuan; Zhang, Siqian; Zhang, Haoyu; Zhou, Ge; Chen, Lijia

Source title: International Journal of Hydrogen Energy

15. Accession number: 20240415421025

Title: Effect of Mold Temperature and Pouring Temperature on the Crack Behavior of Composite Water-Soluble Salt Cores

Authors: Zhang, Jingkai; Li, Yang; Song, Lai; Liu, Weihua; Zou, Xue

Source title: International Journal of Metalcasting

16. Accession number: 20240515460082

Title: Dual-ion carrier storage through Mg²⁺ addition for high-energy and long-life zinc-ion hybrid capacitor

Authors: Zhang, Junjie; Wu, Xiang

Source title: International Journal of Minerals, Metallurgy and Materials

17. Accession number: 20240515464288

Title: Lithium doping enhanced ORR kinetics and CO₂ tolerance of iron-based double perovskite cathode for solid oxide fuel cells

Authors: Zhang, Hai-Xia; Yao, Chuan-Gang; Zhang, Zhe; Xia, Bai-Xi; Sun, Yu-Xi; Shi, Fa-Nian

Source title: Journal of Alloys and Compounds

18. Accession number: 20240615509415

Title: Enhancing bonding behavior between basalt fiber-reinforced polymer sheets and concrete using resin pre-coating method and multi-wall carbon nanotubes

Authors: Shi, Changchun; Jin, Shengji; Jin, Bang; Xu, Jingyan

Source title: Journal of Building Engineering

19. Accession number: 20240215364162

Title: Constructing stable V₂O₅/V₆O₁₃ heterostructure interface with fast Zn²⁺ diffusion kinetics for ultralong lifespan zinc-ion batteries

Authors: Cao, Jin; Ou, Tianzhuo; Geng, Sining; Zhang, Xueqing; Zhang, Dongdong; Zhang, Lulu; Luo, Ding; Zhang, Xinyu; Qin, Jiaqian; Yang, Xuelin

Source title: Journal of Colloid and Interface Science

20. Accession number: 20240315397682

Title: Effects of explosion suppressants on the dust explosion and pyrolysis characteristics of the fungicide fenaminstrobin

Authors: Yu, Dongjin; Sun, Wang; Li, Peng; Hu, Jie; Jiang, Dayong; Wei, Zhenyun; Cheng, Chunsheng; Wang, Xiaolei; Liu, Lizhi

Source title: Journal of Loss Prevention in the Process Industries

21. Accession number: 20240315382941

Title: Effect of silver particles on the crystal structure and the mechanical, optical and antibacterial properties of various polypropylene based plastomers and elastomers

Authors: Tian, Chengcheng; Li, Yang; Liu, Li-Zhi; Wang, Yuanxia; Shi, Ying

Source title: Journal of Macromolecular Science, Part B: Physics

22. Accession number: 20240215356162

Title: Effect of copper addition on precipitation behaviors and mechanical properties of Mg-Zn-Cu alloys with respect to high zinc

Authors: Zhou, Ye; Li, Shengli; Mao, Pingli; Ai, Xingang; Xiao, Qinghe; Liu, Zheng

Source title: Journal of Magnesium and Alloys

23. Accession number: 20240515452166

- Title:** Thermal deformation behavior investigation of Ti - 10V - 5Al-2.5Fe-0.1B titanium alloy based on phenomenological constitutive models and a machine learning method
Authors: Zhang, Shuai; Zhang, Haoyu; Liu, Xuejia; Wang, Shengyuan; Wang, Chuan; Zhou, Ge; Zhang, Siqian; Chen, Lijia
Source title: Journal of Materials Research and Technology
- 24. Accession number:** 20240615523934
Title: Achieving high impact - abrasion - corrosion resistance of high - chromium wear - resistant steel via vanadium additions
Authors: Liao, Xueyu; Zheng, Zhibin; Liu, Tianlong; Long, Jun; Wang, Shuai; Zhang, Haoyu; Zheng, Kaihong
Source title: Journal of Materials Research and Technology
- 25. Accession number:** 20240615509913
Title: Effect of metastable retained austenite on dynamic mechanical properties of nanostructured bainitic steel under high-strain rate deformation
Authors: Fan, Shichao; Xu, Ziqing; Hao, Hai; Bai, Yu; Deng, Xiaohu; Guo, Dong
Source title: Journal of Materials Research and Technology
- 26. Accession number:** 20240215329742
Title: Compensation behaviors and phase transitions of a 3D fullerene-like polymer
Authors: Li, Bo-chen; Wang, Wei; An, Ying; Xu, Zhen-yao
Source title: Journal of Materials Science
- 27. Accession number:** 20240315391622
Title: Effect of Sm Addition on the Electrochemical Behavior and Discharge Performance of Mg-1Sn-1Ca-0.3Mn Alloy as Mg-Air Battery Anodes
Authors: Le, Taihe; Mao, Pingli; Hu, Wenyi; Le, Qichi
Source title: Journal of the Electrochemical Society
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Title: Development of a three-stage process for high coal desulfurization and char yield
Authors: Lin, Xinyu; Fu, Liangliang; Lu, Peng; Zhang, Qingjin; Xu, Guangwen; Bai, Dingrong
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- 29. Accession number:** 20240615493962
Title: Preparation and Electrocatalytic Hydrogen Evolution Performance of FeCoNiCrMo High-Entropy Alloy Porous Electrode with Different Pore-Forming Agent Content
Authors: Jingwen, Ma; Xin, Wang; Bowei, Xing; Huishu, Yu; Xiaojiao, Zuo; Nannan, Zhang
Source title: Journal of Thermal Spray Technology
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Title: Comparative analysis of mechanical properties in single-phase Ti50-ZrVNbCr medium entropy alloys with different physical parameters
Authors: Jiang, Shihui; Wu, Baolin; Xu, Zaidong; Jin, Wenhan; Duan, Guoshang; Mao, Pingli; Esling, Claude
Source title: Materials Characterization
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- Authors:** Zou, Xue; Liu, Tongyu; Liu, Weihua; Li, Yingmin; Zhao, Yunpeng
Source title: Materials Chemistry and Physics
- 32. Accession number:** 20240615523223
Title: Effect of non-metallic silicon content on the microstructure and corrosion behaviour of AlCoCrFeNi high-entropy alloys
Authors: Wang, Yi; Li, Guanglong; Qi, Hao; Zhang, Wei; Chen, Ruirun; Su, Ruiming; Yu, Bo; Qu, Yingdong
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Authors: Wang, Xin; Wu, Zihan; Zhang, Nannan; Wang, Chao; Yuan, Guo
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Authors: Zhou, Miao; Wang, Yuzheng; Li, Laishi; Wu, Yusheng; Xu, Pengchen; Ma, Minglong; Yu, Mingming
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- 35. Accession number:** 20240315396455
Title: Laser melting deposition of Inconel625 to Ti6Al4V bimetallic structure via vanadium interlayer
Authors: Wang, Wenbo; Xu, Nuo; Liu, Xiangyu; Jing, Zhicheng; Xu, Guojian; Xing, Fei
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Authors: Li, Jianlin; Zhou, Ge; Han, Jinke; Peng, Yuhan; Zhang, Haoyu; Zhang, Siqian; Chen, Lijia; Cao, Xue
Source title: Philosophical Magazine Letters
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Title: Effect of Cold-Drawing Deformation on the Microstructure and Properties of AA2024-T8
Authors: Jia, Y.X.; Su, R.M.; Zhang, W.J.; Li, G.L.; Qu, Y.D.; Li, R.D.
Source title: Physics of Metals and Metallography
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Title: Investigation of Crystallization, Morphology, and Mechanical Properties of Polypropylene/Polypropylene-Polyethylene Block Copolymer Blends
Authors: Shao, Wenjun; Liu, Li-Zhi; Wang, Ying; Wang, Yuanxia; Shi, Ying; Song, Lixin
Source title: Polymers
- 39. Accession number:** 20240615495013
Title: Korrosionsverhalten von Q345-Stahl in simulierter Industrielatmosphäre
Authors: Du, K.; Zhang, Z.; You, S.; Zuo, X.; Zheng, B.; Ren, Y.; Sun, L.; Zheng, W.; Huang, H.; Yuan, X.

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Authors: Li, Jianyang; Shi, Hongwei; Gu, Songhua; Liu, Fuchun; Han, En-Hou
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- 41. Accession number:** 20240615503469
Title: Characterization of magnetostrictive bi-stable rotational vibration energy harvester with integrated centrifugal effect
Authors: Dong, Weiwei; Liang, Quan; Liu, Huifang; Mei, Xutao; Shu, Liang; Liu, Zhanqi; Chang, Yunlong
Source title: Smart Materials and Structures
- 42. Accession number:** 20240615494790
Title: Effect of Austenite Grain Size on Phase Transformation Structure of Low-Carbon Microalloyed Steel
Authors: Shi, Minghao; Hou, Lian; Yin, Chaokun; Wang, Haiqing
Source title: Steel Research International
- 43. Accession number:** 20240315388090
Title: Epoxy coating containing CoMOF@MBT metal-organic framework for active protection of aluminum alloy
Authors: Nwokolo, Izuchukwu K.; Shi, Hongwei; Ikeuba, Alexander I.; Liu, Fuchun; Ahmed, Sharjeel; Zhang, Wanyu
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Title: An improvement of thermoelectric properties for Mg₃Bi₂/Mg₂Sn nanocomposite films by the phase interface
Authors: Han, Xinghai; Song, Guihong; Yang, Shuang; Wu, Yusheng; You, Junhua
Source title: Thin Solid Films
- 45. Accession number:** 20240215356120
Title: Influence of TM elements on the mechanical and thermodynamic properties of Hf₂Si intermetallics
Authors: Li, Chen; Zhang, Xudong; Wang, Feng
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Title: Tunable magnetic properties in evaporated Co - Sm/Fe - Sm bilayer films by crystalline states of under-layer and high magnetic field
Authors: Liu, Shiyong; Lu, Fangxu; Shao, Yan; Wang, Chao; Wang, Zhanjie
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- 47. Accession number:** 20240615517760
Title: Effect of Thickness on Structure and Property of Black Microarc Oxidation Coatings Prepared on Different Aluminum Alloys
Authors: Liu, Lei; Li, Laishi; Wu, Yusheng; Wang, Yuzheng; Zhang, Wei; Bao, Zebin; Qiao, Ziping
Source title: Zhongguo Biaomian Gongcheng/China Surface Engineering

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Title: Hydrothermal for recovering alumina and alkali from Bayer red mud by adding NaFeO₂
Authors: Li, Lai-Shi; Wang, Jun-Kai; Shao, Jun; Wang, Ya-Lei; Liu, Feng; Wu, Yu-Sheng
Source title: Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals
- 49. Accession number:** 20240915661460
Title: Effect of Y and Ce Micro-alloying on Microstructure and Hot Tearing of As-Cast Al - Cu - Mg Alloy
Authors: Yue, Chunyu ; Zheng, Bowen ; Su, Ming ; Wang, Yuxiang ; Zuo, Xiaojiao ; Wang, Yinxiao ; Yuan, Xiaoguang
Source title: Acta Metallurgica Sinica (English Letters)
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Title: High-Temperature Stability of Mg - 1Al - 12Y Alloy Containing LPSO Phase and Mechanism of Its Portevin - Le Chatelier (PLC) Effect
Authors: Ren, Qian-Long ; Yuan, Shuai ; Luan, Shi-Yu ; Wang, Jin-Hui ; Li, Xiao-Wei ; Liu, Xiao-Yu
Source title: Acta Metallurgica Sinica (English Letters)
- 51. Accession number:** 20240815576268
Title: High-Temperature Stability of Mg - 1Al - 12Y Alloy Containing LPSO Phase and Mechanism of Its Portevin - Le Chatelier (PLC) Effect
Authors: Ren, Qian-Long ; Yuan, Shuai ; Luan, Shi-Yu ; Wang, Jin-Hui ; Li, Xiao-Wei ; Liu, Xiao-Yu
Source title: Acta Metallurgica Sinica (English Letters)
- 52. Accession number:** 20241015681402
Title: Study on the High Temperature Tensile Properties and Strengthening Mechanism of Nitrogen Containing Nickel-Based Deposited Metals
Authors: Dai, Zhiyong ; Su, Yunhai ; Wang, Yingdi ; Yang, Taisen ; Liang, Xuewei
Source title: Advanced Engineering Materials
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Title: Effects of Zn/Ca Alloying on the Second Phase, Corrosion Behavior, and Mg - Air Battery Anodic Performance of Mg - 1Sn-Based Alloys
Authors: Le, Taihe ; Mao, Pingli ; Hu, Wenyi ; Le, Qichi
Source title: Advanced Engineering Materials
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Title: Gallium Ion Pre-Insertion Protocol to (NH₄)₂V₁₀O₂₅ • 8H₂O Cathode Materials for Reversible Aqueous Zn Battery
Authors: Zhao, Ming ; Li, Shilong ; Wu, Xiang ; Luo, Shaohua
Source title: Advanced Materials Technologies
- 55. Accession number:** 20241015710215
Title: Graphene Oxide Wrapped VO₂ Nanobelts for Calendar-Life Zn Storage Devices
Authors: Zhao, Chunru ; Liu, Yi ; Wu, Xiang ; Luo, Shaohua
Source title: Advanced Sustainable Systems
- 56. Accession number:** 20241215786100

Title: Enhancement of local anti-demagnetization ability of permanent magnet by selected area grain boundary diffusion toward high-speed motors

Authors: Li, Weizhou ; Cheng, Jungang ; Lu, Xusheng ; Li, Yangyang ; Zhao, Dong ; Pei, Wenli ; Pei, Ruilin

Source title: AIP Advances

57. Accession number: 20240815570838

Title: Mitigating zinc dendrites and side reactions through the incorporation of ethylenediamine additive for zinc metal anode

Authors: Wang, Xu ; Zhang, Dongdong ; Huang, Hui ; Chanajaree, Rungroj ; Qin, Jiaqian ; Zhang, Lulu ; Luo, Ding ; Yang, Xuelin ; Cao, Jin

Source title: Applied Physics Letters

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Title: Highly active and durable NiCoP electrocatalyst through Ga ion intercalation strategy for long-lasting water electrolysis

Authors: Wang, Dengke ; Huai, Xinyu ; Abdukader, Abdukayum ; Umar, Ahmad ; Wu, Xiang

Source title: Applied Surface Science

59. Accession number: 20241115751164

Title: Low-temperature Superplasticity and High-temperature Tensile Microstructure Evolution of Ti-44Al-6Nb-2Fe Alloy

Authors: Dong, Shulin ; Qu, Yingdong ; Chen, Ruirun ; Guo, Jingjie ; Wang, Qi ; Li, Guanglong ; Zhang, Wei ; Yu, Bo

Source title: Cailiao Daobao/Materials Reports

60. Accession number: 20241115723315

Title: Improved thermal properties and CMAS corrosion resistance of high-entropy RE zirconates by tuning fluorite-pyrochlore structure

Authors: Tian, Yue ; Zhao, Xiuyi ; Sun, Zhipei ; Liang, Yongqi ; Xiao, Guozheng ; Wang, Chao ; Liu, Shiyong ; Liu, Feng ; Lu, Xuefeng ; Wu, Yusheng ; Wang, Zhanjie

Source title: Ceramics International

61. Accession number: 20241015679951

Title: Oxidation behavior of AlCoCrFeNi bond coating in the YSZ-TBCs produced by APS and PS-PVD method

Authors: Zhang, Xiao ; Zhang, Hanfang ; Zhang, Nannan ; Deng, Chunming ; Wang, Chao

Source title: Ceramics International

62. Accession number: 20241315823536

Title: Porous high-entropy alloy coatings as highly efficient electrocatalysts for electrocatalytic water splitting

Authors: Huo, Xiaoran ; Nie, Sainan ; Zhang, Yuanwu ; Zuo, Xiaojiao ; Xu, Xuelu ; Zhang, Nannan ; Huang, Jianqi ; Zhu, Xiaofei

Source title: Chemical Engineering Journal

63. Accession number: 20240915650571

Title: Seven mechanisms of oxygen evolution reaction proposed recently: A mini review

Authors: Feng, Zihang ; Dai, Chuanlin ; Shi, Peng ; Lei, Xuefei ; Guo, Rui ; Wang, Biao ; Liu, Xuanwen ; You, Junhua

- Source title:** Chemical Engineering Journal
- 64. Accession number:** 20240915643148
Title: Thermoelectric properties of Bi₂Te₃ films with low-angle grain boundaries formed through high pulse current density
Authors: Lan, Mingdi ; Sun, Shang ; Liu, Shiyang ; Li, Guojian ; Sun, Xiao ; Wang, Qiang
Source title: Chemical Engineering Journal
- 65. Accession number:** 20240915656367
Title: Building a robust surface structure toward stable ultrahigh-nickel cathodes
Authors: Xu, Jingsheng ; Wang, Zhiyuan ; Zheng, Runguo ; Sun, Hongyu ; Liu, Yanguo ; You, Junhua
Source title: Chemical Engineering Journal
- 66. Accession number:** 20240915655068
Title: Quantifying of the Effects of Secondary Phases on Corrosion in Mg-RE Alloys by X-Ray Computed Tomography
Authors: Yan, Chengming ; Tian, Guangyuan ; Xue, Chengpeng ; Yang, Zhihao ; Zhang, Chi ; Wang, Shuo ; Su, Hui ; Yan, Zhifei ; Tian, Yingchun ; Wang, Junsheng
Source title: Corrosion
- 67. Accession number:** 20241315803918
Title: Preparation of Si₃N₄/V₂O₅ Composite Films for Negative Temperature Coefficient Materials
Authors: Leng, Xinxin ; Bai, Xueang ; Qiao, Ruiqing
Source title: Crystal Growth and Design
- 68. Accession number:** 20240915658438
Title: Constructing ultra-stable and high-performance zinc-ion batteries through Mn doped vanadium oxide nanobelt cathode
Authors: Wang, Tiantian ; Yuan, Yapeng ; Chang, Mengwei ; Zhang, Yue ; You, Junhua ; Hu, Fang
Source title: CrystEngComm
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Title: Rheological behavior of particle-filled polymer suspensions and its influence on surface structure of the coated electrodes
Authors: Ming, Hao ; Guan, Yinyan ; Geng, Cong ; Gao, Yingjun ; Meng, Jing ; Liang, Jiyan
Source title: E-Polymers
- 70. Accession number:** 20241215757502
Title: Metal anion-cation coordination ionic liquid for polycarbonate synthesis from spent lithium battery electrolyte
Authors: Wang, Haiyue ; Guo, Liying ; Zheng, Rongrong ; Guo, Hongshuang ; Fang, Bing ; Chai, Jingyu
Source title: European Polymer Journal
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Title: EPDM insulation modified with vinyl triethoxysilane functionalized GO to prevent plasticizer migration in solid propellant
Authors: Lu, Zhehong ; Zhu, Ziqiang ; Zhang, Yulong ; Yang, Cao ; Zhang, Bohan ; Bai, Haoran ; Zhang, Guangpu ; Hu, Yubing ; Jiang, Wei

- Source title:** FirePhysChem
72. **Accession number:** 20240915644811
Title: Study on properties of CaF₂-CaO-Al₂O₃-MgO-B₂O₃ electroslag remelting slag for rack plate steel
Authors: Zhang, Yong-Jiao ; Kong, Ling-Zhong ; Zang, Xi-Min ; Li, Shi-Sen
Source title: High Temperature Materials and Processes
73. **Accession number:** 20241015672793
Title: Influence of C14 Laves phase and Zr-rich phase interactions on the hydrogen storage properties of Ti_{32.5}V_{27.5}Zr_{7.5}Nb_{32.5} high entropy hydrogen storage alloy
Authors: Li, Guanglong ; Li, Yue ; Liang, Jian ; Wen, Zhen ; Zhang, Tong ; Ding, Xin ; Qu, Yingdong
Source title: Intermetallics
74. **Accession number:** 20240915659115
Title: Effects of microstructure on high-cycle fatigue properties of Ti-4Al-6Mo-2V-5Cr-2Zr alloy
Authors: Wang, Shengyuan ; Zhang, Haoyu ; Zhou, Ge ; Chen, Xiao-Bo ; Chen, Lijia
Source title: International Journal of Fatigue
75. **Accession number:** 20241115720184
Title: The Effect of Aggregates, Binders, and Additives on the Properties of Water-Based Coatings for Foundry and the Coating Mechanism
Authors: Liu, Bao ; Song, Lai ; Liu, Weihua ; Yan, Xiaohan
Source title: International Journal of Metalcasting
76. **Accession number:** 20240915657743
Title: Effect of Ta on the Microstructure and Creep Properties of a Hot-Corrosion Resistant Ni-Based Single-Crystal Superalloy After Long-Term Exposure
Authors: Liu, Jing ; Zhang, Siqian ; Wang, Dong ; Wang, Li ; Chen, Lijia
Source title: Jinshu Xuebao/Acta Metallurgica Sinica
77. **Accession number:** 20241215760677
Title: Leaching Kinetics of Limonite-Type Laterite Nickel Ore from Ammonium Hydrogen Sulfate Solution at Atmospheric Pressure
Authors: Wang, Yi ; Wu, Yusheng ; Fan, Ying ; Wang, Yuzheng ; Li, Laishi
Source title: JOM
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Title: Effect of Non-isothermal Cooling Aging on the Microstructure and Properties of Al-Zn-Mg-Cu Alloys
Authors: Wang, Yuezhu ; Su, Ruiming ; Jin, Meiling ; Li, Guanglong
Source title: JOM
79. **Accession number:** 20241015680538
Title: Investigation of active slip modes via in-grain misorientation axis and strain compatibility of TA2 alloy during in-situ tensile deformation
Authors: Wang, Pengyu ; Wei, Ziqi ; Mao, Pingli ; Le Zhou ; Wang, Zhi ; Wang, Feng ; Liu, Xuanyu ; Liu, Zheng
Source title: Journal of Alloys and Compounds
80. **Accession number:** 20241215775063

Title: A general strategy for the enhanced H₂ production performance of CdS/noble metal sulfide nanorods photocatalysts by cation exchange

Authors: An, Shanna ; Zhang, Luming ; Ding, Xiaoyan ; Xue, Yanjun ; Tian, Jian ; Qin, Yingying ; You, Junhua ; Wang, Xiaoxue ; Zhang, Hangzhou

Source title: Journal of Colloid and Interface Science

81. Accession number: 20241215792368

Title: High-Rate and Ultra-Stable aqueous Zinc-Ion batteries enabled by Potassium-Infused ammonium vanadate nanosheets

Authors: Cao, Jin ; Ou, Tianzhuo ; Sun, Yongxin ; Wu, Haiyang ; Luo, Ding ; Yang, Chengwu ; Zhang, Lulu ; Zhang, Dongdong ; Zhang, Xinyu ; Qin, Jiaqian ; Yang, Xuelin

Source title: Journal of Colloid and Interface Science

82. Accession number: 20241115730571

Title: The role of strain in oxygen evolution reaction

Authors: Feng, Zihang ; Dai, Chuanlin ; Zhang, Zhe ; Lei, Xuefei ; Mu, Wenning ; Guo, Rui ; Liu, Xuanwen ; You, Junhua

Source title: Journal of Energy Chemistry

83. Accession number: 20241315829931

Title: Effect of Aging Precipitation Behavior of Ti₂Ni Phase on Compressive Properties of 54NiTi Alloy

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

Source title: Journal of Materials Engineering and Performance

84. Accession number: 20240915661211

Title: Study on Microstructure and Fatigue Properties of A473M Stainless Steel Strengthened by Surface Rolling

Authors: Zhou, G.X. ; Zhang, C.H. ; Wang, L. ; Wu, C.L. ; Zhang, S. ; Chen, H.T.

Source title: Journal of Materials Engineering and Performance

85. Accession number: 20240915644066

Title: Abnormal superelastic cyclic behavior and stress-induced martensitic transformation mechanism of NiTi alloy with R phase

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

Source title: Journal of Materials Research and Technology

86. Accession number: 20241015672578

Title: Study on the microstructure and mechanical properties of Mg - Al - Li - Zn - Ti multi-component alloy

Authors: Ma, Chunyu ; Hou, Chenghao ; Zhang, Xiaohui ; Liu, Tongyu ; Zhou, Nan ; Zheng, Kaihong

Source title: Journal of Materials Research and Technology

87. Accession number: 20241015709066

Title: Enhanced wear resistance of a multi-phase reinforced Al_{0.5}CrFeNi_{2.5}Si_{0.25} high-entropy alloy via annealing

Authors: Jin, Bingqian ; Nie, Sainan ; Fan, Ningsong ; Xing, Bowei ; Yu, Huishu ; Chen, Yan ; Zhu, Xiaofei ; Yin, Shuo ; Zhang, Nannan

- Source title:** Journal of Materials Research and Technology
- 88. Accession number:** 20240815581421
Title: Degradation behavior of biomedical partially degradable Ti – Mg composite fabricated by 3D printing and pressureless infiltration
Authors: Han, Xue ; Zhou, Linxi ; Liu, Zengqian ; Zhang, Song ; Wang, Qingchuan ; Lu, Xiaopeng ; R.I. Abueida, Mohammed ; Wang, Qiang ; Zhang, Zhefeng ; Zhang, Dan
Source title: Journal of Materials Research and Technology
- 89. Accession number:** 20241015686318
Title: Effect of α phase morphologies on shear localization behavior of TC4 titanium alloy at high strain rate
Authors: Wang, Pengyu ; Mao, Pingli ; Zhou, Le ; Wang, Zhi ; Wang, Feng ; Wei, Ziqi ; Liu, Xuanyu ; Liu, Zheng
Source title: Journal of Materials Science
- 90. Accession number:** 20241215767831
Title: Significantly ameliorating room-temperature brittleness of refractory high-entropy alloys via in situ heterogeneous structure
Authors: Han, Dong ; Yang, Baijun ; Xu, Wenlong ; Yang, Hongwang ; Han, Guofeng ; Wang, Xiaoming ; Wang, Jianqiang
Source title: Journal of Materials Science and Technology
- 91. Accession number:** 20240815597714
Title: Tailoring the microstructure and soft magnetic properties of (Fe_{0.83}B_{0.11}Si_{0.02}P_{0.03}C_{0.01})_{99.5}Cu_{0.5} nanocrystalline alloy based on the rapid annealing
Authors: Zhao, Min ; Pang, Jing ; Zhang, Wei ; Xiang, Qingchun ; Ren, Yinglei ; Li, Xiaoyu ; Qiu, Keqiang
Source title: Journal of Non-Crystalline Solids
- 92. Accession number:** 20241315803343
Title: Mechanism of Cu Effect on Energy Release of Al/Ni/Cu Energetic Composites
Authors: Wang, Mengyu ; Xiong, Wei ; Chang, Dongxu ; Yu, Baoyi ; Zhang, Xianfeng ; Zheng, Li
Source title: Journal of Physical Chemistry C
- 93. Accession number:** 20241015691762
Title: High energy storage performance of lead-free Nb-modified (Bi_{0.2}Na_{0.2}Ca_{0.2}Ba_{0.2}Sr_{0.2})TiO₃ high-entropy ceramics
Authors: Zhang, Xue ; Zhang, Fan ; Niu, Yiwen ; Zhang, Zhiqiang ; Bai, Yu ; Wang, Zhan Jie
Source title: Journal of the American Ceramic Society
- 94. Accession number:** 20240815577430
Title: Research on energy dissipation and dynamic recrystallization microstructure evolution behavior of NiTi alloy during hot deformation
Authors: Tao, Chengchuang ; Zhou, Ge ; Huang, Hongjun ; Zheng, Bowen ; Zuo, Xiaojiao ; Chen, Lijia ; Yuan, Xiaoguang
Source title: Materials Characterization
- 95. Accession number:** 20240815568188

Title: Improvement of thermophysical and machinability properties of Al matrix composites with CFs-D hybrid reinforcement

Authors: Zhou, Qiwen ; Li, Guanglong ; Qu, Yingdong ; Zhou, Shan ; Wang, Zimu ; Zhao, Yu ; Zhai, Yutao ; Li, Rongde ; Yang, Fei

Source title: Materials Characterization

96. Accession number: 20240915647387

Title: Effect of aging treatment on the microstructure and tribological properties of a new maraging steel manufactured by laser directed energy deposition

Authors: Du, Y. ; Xu, T.Z. ; Zhang, S. ; Wu, C.L. ; Zhang, C.H. ; Sun, X.Y. ; Chen, H.T. ; Chen, J.

Source title: Materials Characterization

97. Accession number: 20241215787656

Title: An investigation on the effect of heat input to wear behavior and corrosion-cavitation erosion mechanism of Hastelloy C-276 coating by cold metal transfer

Authors: Zhao, T. ; Wang, R. ; Zhang, H.F. ; Zhang, C.H. ; Zhang, S. ; Chen, H.T. ; Wu, C.L.

Source title: Materials Characterization

98. Accession number: 20241015691064

Title: Effect of ultrasonic treatment on comprehensive properties of (Ti_{32.5}V_{27.5}Zr_{7.5}Nb_{32.5})_{0.91}Ni_{0.09} high entropy hydrogen storage alloy

Authors: Liang, Jian ; Li, Guanglong ; Li, Yue ; Ding, Xin ; Wen, Zhen ; Zhang, Tong ; Qu, Yingdong

Source title: Materials Letters

99. Accession number: 20241315802521

Title: Study on the microstructure and wear resistance of AlCrCuFeNiTi_x high entropy alloys for surfacing welding

Authors: Zhang, Wen ; Su, Yunhai ; Zhang, Guiqing ; Liang, Xuewei

Source title: Materials Research Express

100. Accession number: 20241015685982

Title: Effects of gas pressure and catheter length on the breakup of discontinuous NiTi droplets in electrode induction melting gas atomization

Authors: Xie, Bo ; Li, Wei ; Liu, Xinyu ; Zhou, Ge ; Zhao, Sanchao ; Liu, Yongsheng ; Wu, Wang ; Lu, Dong ; Peng, Weixing

Source title: Materials Research Express

101. Accession number: 20241315815594

Title: The influence of temperature and functional groups of graphene-reinforced C-S-H: Molecular dynamics study

Authors: Wei, Lin ; Liu, GuiLi ; Wang, JiaXin

Source title: Materials Science and Engineering: B

102. Accession number: 20241315812308

Title: Structural, mechanical, electronic and thermodynamic properties of YBC, YB₂C, YB₂C₂, Y₂B₃C₂ intermetallics

Authors: Tian, Ming ; Zhang, Xudong ; Wang, Feng

Source title: Materials Today Communications

103. Accession number: 20241315827016

Title: Microstructural evolution during the crystallization process of sol-gel derived PbZrO₃ nanocomposite thin films

Authors: Lin, Yu Xin ; Bai, Yu ; Shao, Yan ; Wang, Bo ; Han, Bo ; Wang, Zhan Jie

Source title: Materials Today Communications

104. Accession number: 20240815579307

Title: Microscopic corrosion behavior and first-principles calculations of interfacial diffusion layers of the Cu - Al composite plate

Authors: Yang, Yu jun ; Li, Qian nan ; Wang, Shuo ; Huang, Hong jun ; Lin, Xue jian ; Zheng, Bo wen ; Yuan, Xiao guang ; Zuo, Xiao jiao

Source title: Materials Today Communications

105. Accession number: 20241015670431

Title: HOT corrosion behavior of inconel 625 cladding metal in KCl-MgCl₂ molten salt

Authors: Yang, Taisen ; Su, Yunhai ; Su, Ming ; Dai, Zhiyong ; Wang, YingDi ; Liang, Xuewei

Source title: Materials Today Communications

106. Accession number: 20241115715829

Title: Hot processing performance and fracture toughness control of Al_xCrFeNiCu_{1.5} (x = 0, 0.2, 0.4, 0.6, 0.8) high entropy alloys

Authors: Dong, Shulin ; Na, Rongyi ; Qu, Yingdong ; Chen, Ruirun ; Li, Guanglong ; Zhang, Wei ; Zhang, Siruo ; Liu, Shibing

Source title: Materials Today Communications

107. Accession number: 20240815618600

Title: Microstructure and properties of copper coating by using plasma-assisted low-pressure cold spray

Authors: Wang, M.T. ; Chen, W.C. ; Chang, D.X. ; Yu, B.Y. ; Zheng, L.

Source title: Materialwissenschaft und Werkstofftechnik

108. Accession number: 20241015694109

Title: Nucleation Mechanism of TiS in Al/Ti Simultaneously Deoxidized Steel based on Homogeneous and Heterogeneous Modes

Authors: Xiao, Yuanyou ; Cao, Lei ; Yuan, Xinghu ; Wang, Guocheng ; Zang, Ximin

Source title: Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science

109. Accession number: 20240815609018

Title: Green and efficient electrolysis of seawater using carbon nanotube-based hybrid films

Authors: Zhang, Zichu ; Yang, Hao ; Zhang, Feng ; Zou, Mengke ; Li, Jin-Cheng ; Zhang, Lili ; Hou, Peng-Xiang ; Shi, Chao ; Zhang, Leining ; Cheng, Hui-Ming ; Liu, Chang

Source title: Nano Energy

110. Accession number: 20240915629834

Title: In Situ Study and Improvement of the Temperature Increase and Isothermal Retention Stages in the Polyacrylonitrile (PAN) Fiber Pre-Oxidation Process

Authors: Cui, Ye (1, 2); Liu, Lizhi (1, 2); Song, Lixin (1); Li, Sanxi (2); Wang, Ying (1, 2); Shi, Ying (1, 3); Wang, Yuanxia (1)

Source title: Polymers

111. Accession number: 20241215788158

- Title:** Synthesis and thermal safety assessment of methyl (α E)-2-(bromomethyl)- α -(methoxyimino)benzeneacetate
Authors: Yu, Dongjin ; Zhu, Hongxu ; Hu, Jie ; Ma, Xiaohua ; Wei, Zhenyun ; Ming, Xu ; Cheng, Chunsheng ; Liu, Lizhi ; Wang, Xiaolei
Source title: Process Safety and Environmental Protection
- 112. Accession number:** 20241315818634
Title: Chitosan-induced NH₄V₄O₁₀ hierarchical hybrids as high-capacity cathode for aqueous zinc ion batteries
Authors: Li, Yaotong ; Zhao, Chunru ; Abdukader, Abdukayum ; Wu, Xiang
Source title: RSC Advances
- 113. Accession number:** 20241015672824
Title: Oxygen vacancy-rich cuprous oxide microspheres exhibit strong absorption and high oxidative energy level for deep photodegradation of tetracycline
Authors: Sun, Mingyue ; Song, Wenjin ; Han, Xiaowen ; Bao, Jia ; Xu, Ge
Source title: Solid State Sciences
- 114. Accession number:** 20240815619194
Title: Effect of Cooling Conditions on the Size and Morphology Evolution of MgAl₂O₄ Inclusions in Al-Deoxidized Steel Coupling with Mg Treatment
Authors: Xiao, Yuanyou ; Cao, Lei ; Wang, Guocheng ; Zang, Ximin ; Lei, Hong ; Zhang, Hongwei ; Zhang, Daxian
Source title: Steel Research International
- 115. Accession number:** 20240815609799
Title: Mechanical properties and corrosion resistance of laser cladding iron-based coatings with two types of NbC reinforcement
Authors: Zhang, H.F. ; Zhang, S. ; Wu, H. ; Wang, R. ; Zhang, C.H. ; Wu, C.L. ; Chen, J. ; Chen, H.T.
Source title: Surface and Coatings Technology
- 116. Accession number:** 20241015665471
Title: Preparation and High Temperature Oxidation Resistance of Ni/Al Coating on Titanium Surface under Different Heating Environments
Authors: Li, Guangquan ; Li, Deyuan ; Zhang, Nannan ; Fan, Xining
Source title: Surface Technology
- 117. Accession number:** 20241015665501
Title: Recent Progress on High Entropy Alloy Water Electrolytic Electrode
Authors: Xing, Bowei ; Zhang, Nannan ; Ma, Jingwen ; Zuo, Xiaojiao ; Yu, Huishu ; Huo, Xiaoran ; Zhang, Xiao
Source title: Surface Technology
- 118. Accession number:** 20240915637822
Title: A dynamic damage constitutive model and three-dimensional internal crack propagation of rock-like materials in bond-based peridynamic
Authors: Sun, Gang ; Wang, Junxiang ; Tang, Song ; Zhang, Zhengru ; Guo, Lianjun
Source title: Theoretical and Applied Fracture Mechanics
- 119. Accession number:** 20241315798465

Title: Improving Microstructure and Corrosion Resistance of Cold Spraying Cu Coating Through Annealing

Authors: Wang, Mengyu ; Chang, Dongxu ; Yu, Baoyi ; Zheng, Li

Source title: Transactions of the Indian Institute of Metals

120. Accession number: 20241015706549

Title: Effect of Ni coating thickness on microstructure and properties of CF/Al composites prepared by vacuum pressure infiltration process

Authors: Li, Guanglong ; Zhang, Jie ; Wang, Zimu ; Zhou, Shan ; Liu, Wenjie ; Zhang, Wei ; Zhang, Hongkui ; Qu, Yingdong

Source title: Vacuum

(三) 电气工程学院 (62 篇)

1. **Accession number:** 20240115312831
Title: Research on Thermal Calculation and End Winding Heat Conduction Optimization of Low Speed High Torque Permanent Magnet Synchronous Motor
Authors: Wu, Shengnan; Li, Zhimin; Tong, Wenming
Source title: CES Transactions on Electrical Machines and Systems
2. **Accession number:** 20240115312074
Title: Permanent Magnet Axial Section Shaping Optimization Surface-mounted Permanent Magnet Synchronous Motor
Authors: Wu, Shengnan; Zhao, Qifeng; Tong, Wenming
Source title: CES Transactions on Electrical Machines and Systems
3. **Accession number:** 20240315383456
Title: Fluid-chemical modeling of the near-cathode sheath formation process in a high current broken in DC air circuit breaker
Authors: Peng, Shi-Dong; Li, Jing; Duan, Wei; Cao, Yun-Dong; Liu, Shu-Xin; Huang, Hao
Source title: Chinese Physics B
4. **Accession number:** 20240615494851
Title: Application Analysis of Novel Forced Air-Cooled in Outer Rotor Surface-mounted PMSM with High Power Density
Authors: Yu, Zhanyang; Hu, Xuyang; Li, Yan; Jing, Yongteng; Wang, Jin
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
5. **Accession number:** 20240615487953
Title: Hybrid Analytical Calculation and Suppression of AC Copper Loss of Flat Copper Wire in Axial Flux Permanent Magnet Motor
Authors: Wu, Yue; Zhang, Zhifeng
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
6. **Accession number:** 20240615495114
Title: Analysis of Electromagnetic Vibration Characteristics of Transverse Flux Permanent Magnet Linear Motor
Authors: Zhao, Mei; Zhao, Jun; Zuo, Sicheng; Yu, Guodong; Zhang, Huaqiang
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
7. **Accession number:** 20240615521010
Title: Research on the influence of compound fault current limiter hybrid multiplexing TCSC on transient recovery voltage
Authors: He, Baina; Meng, Fantao; Dong, Yanchen; Wu, Shuo; Liu, Yang; Lin, Xin; Dai, Weihai; Wei, Yuanlong; Wang, Shuo; Zhang, Dongjin
Source title: Electric Power Systems Research
8. **Accession number:** 20240615490772
Title: Fault-tolerant control of an open-winding brushless doubly-fed wind power generator system with dual three-level converter
Authors: Jin, Shi; Shi, Long; Ademi, Sul; Zhang, Yue; Zhang, Fengge
Source title: Frontiers in Energy
9. **Accession number:** 20240615522215

Title: Optimal scheduling of the CSP - PV - wind hybrid power generation system considering demand response

Authors: Zhao, Qingsong; Yang, Beijia; Ma, Hui; Liu, Gang; Xu, Jianyuan

Source title: Frontiers in Energy

10. Accession number: 20240615532303

Title: State Characterization of AC Contactor Based on Multi-feature Enhanced Fusion

Authors: Jiang, Xingwei; Cao, Yundong; Liu, Yang; Liu, Shuxin; Gao, Shuyu; Zhou, Zhu

Source title: Gaodianya Jishu/High Voltage Engineering

11. Accession number: 20240615502196

Title: Anti-dynamic Fusion Welding Performance of Cu-W Composite Contacts of Micro-directional Skeleton Structure

Authors: Han, Ying; Wang, Nan; Wu, Shiqi; Peng, Shidong; Hou, Chunguang; An, Yuejun

Source title: Gaodianya Jishu/High Voltage Engineering

12. Accession number: 20240615502077

Title: Degradation Phase Division of AC Contactor Contact System Based on Vibration Signal

Authors: Liu, Shuxin; Zhou, Zhu; Liu, Yang; Cao, Yundong; Jiang, Xingwei; Li, Jing

Source title: Gaodianya Jishu/High Voltage Engineering

13. Accession number: 20240215333263

Title: Study on the influence of mechanism dispersion on transient recovery voltage distribution of modular DC vacuum circuit breakers

Authors: Huang, Chongyang; Yin, Yongshuai; Liu, Shuxin; Du, Hanwen; Shan, Zengyu; Cao, Yundong; Yang, Shurui

Source title: Gaodianya Jishu/High Voltage Engineering

14. Accession number: 20240415436632

Title: Cooling Structure Design of High-Speed Permanent Magnet Synchronous Machine with Axial Ventilation Self-Cooling Rotor

Authors: HaoLuo; Zhang, Yue; Wang, Huijun; Liu, Guangwei; Zhang, Fengge

Source title: IEEE Access

15. Accession number: 20240715545185

Title: Improved Synchronous Space Vector Pulse Width Modulation Strategy for Three-Level with Common-Mode Voltage Suppression

Authors: Chen, Dezhi; Sun, Yun; Zhao, Guoxin; Zhao, Wenliang

Source title: IEEE Access

16. Accession number: 20240215339011

Title: The Consumer-Centered Electricity Reliability Enhancement in the Standalone Generation Arena

Authors: Okoye, Martin Onyeka; Castro, Gonzalo Farias; Fingerhuth, Sebastian; Yang, Junyou

Source title: IEEE Access

17. Accession number: 20240215342484

Title: Research on Collaborative Optimal Dispatching of Electric Heating Integrated Energy Based on Wind Power Prediction Accuracy

Authors: Qu, Boyang; Fu, Lisi; Xing, Zuoxia

- Source title:** IEEE Access
- 18. Accession number:** 20240615493701
Title: Improved Deadbeat Predictive Current Control with Embedded Resonant Polynomial and Disturbance Observer for PMSM Current Distortion Rejection
Authors: Yang, Fan; Zhao, Ximei; Jin, Hongyan; Wang, Xiaodong; Liu, Xiaoyuan
Source title: IEEE Journal of Emerging and Selected Topics in Power Electronics
- 19. Accession number:** 20240215339257
Title: Design of a Novel Rotary Transformer with Accurate Prediction of Nanocrystalline Alloy Core Loss using Improved Steinmetz Formulation
Authors: Feng, Chao; Zhang, Yanli; Chi, Qingguang
Source title: IEEE Transactions on Industry Applications
- 20. Accession number:** 20240215366086
Title: Monitoring the Force Applied to the Tip of the Flexible Manipulator Used for Infectious Virus Sample Collection
Authors: Zhang, Shuo; Xiang, Shihai; Chen, Jiajun; Gao, Song; Hu, Yinxiong; Yang, Gaoang
Source title: IEEE Transactions on Instrumentation and Measurement
- 21. Accession number:** 20240215336314
Title: Effect of Particles Size on Eddy-Current Loss of Soft Magnetic Composites Using Combined DEM and FEM
Authors: Shi, Kaimeng; Zhang, Dianhai; Ren, Ziyang; Chen, Dezhi; Zhang, Yanli; Koh, Chang-Seop
Source title: IEEE Transactions on Magnetics
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Title: Research on the Liquid Metal Bridge Formation Process at Contact Separation Moment of DC Air Circuit Breaker
Authors: Peng, Shidong; Li, Jing; Liu, Shuxin; Cao, Yundong
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- 23. Accession number:** 20240615495625
Title: Robust Tracking Control for Permanent Magnet Linear Synchronous Motors With Unknown Uncertainties via Sliding Mode Approach
Authors: Fu, Dongxue; Zhao, Ximei; Zhu, Jianguo
Source title: International Journal of Control, Automation and Systems
- 24. Accession number:** 20240115328172
Title: Fixed-time dual sliding mode control for linear synchronous motor maglev systems
Authors: Lei, Cheng; Lan, Yipeng; Xu, Zelai; Sun, Yunpeng
Source title: International Journal of Robust and Nonlinear Control
- 25. Accession number:** 20240115313052
Title: Effects of cross-linked networks on dielectric properties of epoxy resins based on molecular dynamics
Authors: Wang, Yifang; Du, Boxue; Kong, Xiaoxiao; Li, Xiaolong
Source title: Journal of Applied Polymer Science
- 26. Accession number:** 20240615531349
Title: Optimal Scheduling of Park-Level IES by Considering Combined Weights

- Authors:** Yang, Zihao; Zhou, Xiran; Si, Ruijie; Cai, Xiangyu; Cui, Haoqian; Dong, Yannan; Wang, Haixin; Yang, Junyou; Chen, Zhe; Hu, Shiyao
- Source title:** Journal of Circuits, Systems and Computers
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- Title:** Compensation behaviors and phase transitions of a 3D fullerene-like polymer
- Authors:** Li, Bo-chen; Wang, Wei; An, Ying; Xu, Zhen-yao
- Source title:** Journal of Materials Science
- 28. Accession number:** 20240315389083
- Title:** Improved microstructure and strength of Sn-Ag-Cu/Cu solder joint with Mo nanoparticles addition
- Authors:** Ma, Shiran; Yang, Linmei; Yang, Jiyao; Liang, Yawei
- Source title:** Materials Letters
- 29. Accession number:** 20240515470665
- Title:** Enhancing ablation resistance of CuCr contact materials through metallic element doping: First-principles calculations
- Authors:** Feng, Dawei; Fu, Xinye; Wang, Shuhui; Liu, Xiaoming; Zhao, Qi
- Source title:** Materials Letters
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- Title:** Parameter-free Adaptive Finite Control Set Model Predictive Control for PMSM
- Authors:** Yang, Fan; Zhao, Ximei; Jin, Hongyan; Wang, Xiaodong
- Source title:** Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 31. Accession number:** 20240715557142
- Title:** Low-carbon Economic Dispatch of Park Integrated Energy System Based on Seasonal Carbon Trading Mechanism
- Authors:** Yan, Ning; Ma, Guangchao; Li, Xiangjun; Li, Yang; Ma, Shaohua
- Source title:** Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 32. Accession number:** 20241015706392
- Title:** A novel approach of energy and reserve scheduling for hybrid power systems: Frequency security constraints
- Authors:** Zhang, Tengxi ; Xin, Li ; Wang, Shunjiang ; Guo, Ren ; Wang, Wentao ; Cui, Jia ; Wang, Peng
- Source title:** Applied Energy
- 33. Accession number:** 20240615490949
- Title:** Overview on amorphous alloy electrical machines and their key technologies
- Authors:** Tang, Renyuan ; Tong, Wenming ; Han, Xueyan
- Source title:** Chinese Journal of Electrical Engineering
- 34. Accession number:** 20240615492492
- Title:** Overview of research and development status of brushless doubly-fed machine system
- Authors:** Zhang, Fengge ; Yu, Siyang ; Wang, Hao ; Wang, Yutao ; Wang, Dapeng
- Source title:** Chinese Journal of Electrical Engineering
- 35. Accession number:** 20240915623301

Title: RIHANet: A Residual-based Inception with Hybrid-Attention Network for Seizure Detection using EEG signals

Authors: Zhou, Qiaoli ; Zhang, Shun ; Du, Qiang ; Ke, Li

Source title: Computers in Biology and Medicine

36. Accession number: 20240915663628

Title: Study on Interrupting Characteristics of Large Capacity DC Air Circuit Breaker at High Altitude

Authors: Li, Jing ; Yi, Chenxi ; Peng, Shidong ; Cao, Yundong ; Yu, Longbin

Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

37. Accession number: 20240915624678

Title: Motor design and control technology of high-voltage circuit breaker operating device

Authors: Wang, Yifei ; Lin, Xin ; Xu, Jianyuan ; Li, Wei

Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

38. Accession number: 20240915624635

Title: Improved predictive current control for permanent magnet linear synchronous motor

Authors: Zhao, Ximei ; Yang, Mingdong ; Jin, Hongyan

Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

39. Accession number: 20241315817702

Title: Suppression method of additional harmonic loss of permanent magnet synchronous motor based on active disturbance rejection technology

Authors: Han, Xueyan ; Liu, Wenbin ; Zhu, Longfei

Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

40. Accession number: 20241115750985

Title: Measures for suppressing eddy current loss of permanent magnet in amorphous alloy axial permanent magnet motor

Authors: Han, Xueyan ; Wang, Jiaying ; Zhu, Longfei

Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

41. Accession number: 20241115751948

Title: Suppression of rotor eccentricity of low-speed permanent magnet synchronous motor

Authors: Han, Xueyan ; Wang, Yong ; Gao, Jun

Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

42. Accession number: 20241115751066

Title: Modeling and analysis of magnetic network of modular stator hybrid excitation synchronous motors

Authors: Wu, Shengnan ; Pang, Xianwen ; Tong, Wenming ; Wang, Yukun

Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

43. Accession number: 20241115750886

Title: Sliding mode active disturbance rejection control for PMSM based on improved grey wolf optimization algorithm

Authors: Zhao, Xi-Mei ; Chen, Guang-Guo ; Jin, Hong-Yan

Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

44. Accession number: 20241115752033

Title: Cooling and thermal management technology for low speed and high torque synchronous motor with permanent magnet and reluctance hybrid rotor and double stator

- Authors:** Zhang, Zhaoyu ; Yu, Siyang ; Zhang, Yue ; Jin, Shi ; Qi, Zihao ; Zhang, Fengge
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 45. Accession number:** 20241115751964
Title: Influence of contact motion characteristics on breaking performance of DC contactor
Authors: Li, Jing ; Yuan, Zhicao ; Cao, Yundong ; Liu, Shuxin ; Yu, Longbin
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 46. Accession number:** 20241315817700
Title: Residual voltage restart control strategy with sensorless of canned motor for vacuum dry pump
Authors: An, Yuejun ; Chu, Baihui ; An, Hui ; Lu, Yanjun ; Deng, Wenyu ; Qi, Lijun ; Li, Ming
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 47. Accession number:** 20240815610405
Title: Distributed generator configuration calibration method based on TCN-BiGRU-Attention algorithm
Authors: Zhu, Yidong ; Chen, Shihong ; Xing, Zuoxia ; Liu, Hengyu ; Liu, Yang
Source title: Electric Power Systems Research
- 48. Accession number:** 20241315826128
Title: Modeling of Dual-Phase Composite Magnetic Material and Its Application in Transformers
Authors: Liu, Yang ; Yang, Fuyao ; Han, Yu ; Gao, Jie ; Chen, Dezhi ; Bai, Haonan
Source title: Energies
- 49. Accession number:** 20241015695826
Title: Research on multi-physical field analysis and assessment technique of virtual connection defects in cluster cable joints based on digital twin technology
Authors: Ma, Qiang ; Liu, Yan ; Liu, Zitong ; Li, Wenyu ; Li, Dongxue ; Liu, Ran ; Jing, Yongteng
Source title: Frontiers in Energy Research
- 50. Accession number:** 20241015669420
Title: Selection of State Characterization Parameters for a Low-voltage Switching Device Based on Improved Kruskal-Wallis Test
Authors: Liu, Yang ; Cao, Yundong ; Liu, Shuxin
Source title: Gaodianya Jishu/High Voltage Engineering
- 51. Accession number:** 20241015670419
Title: Anti-fusion Welding Mechanism of Three-dimensional Interpenetrating Structure Cu-W Contact
Authors: Han, Ying ; Wu, Shiqi ; Song, Bowen ; An, Hui ; Qi, Lijun ; Lu, Yanjun
Source title: Gaodianya Jishu/High Voltage Engineering
- 52. Accession number:** 20241015670358
Title: Research Status and Prospect of High Voltage Vacuum Circuit Breaker
Authors: Zhong, Jianying ; Sun, Guanglei ; Yang, Baoxin ; Zhao, Xiaomin ; Li, Xuxu ; Ma, Chaoyang ; Jia, Hang ; Zhang, Xusheng
Source title: Gaodianya Jishu/High Voltage Engineering
- 53. Accession number:** 20240915653345

- Title:** RDSP-SLAM: Robust Object-Aware SLAM based on Deep Shape Priors
Authors: Okonkwo, Moses Chukwuka ; Yang, Junyou ; Sun, Yizhen ; Yang, Guang ; Marquez, Fausto Pedro Garcia
Source title: IEEE Access
- 54. Accession number:** 20241315825735
Title: Zonotope approximation based flexible cluster division method for load-side resource scheduling
Authors: Yao, Zongjun ; Zhang, Tieyan ; Huang, Jinfeng
Source title: IET Renewable Power Generation
- 55. Accession number:** 20240915655000
Title: Deployment of nursing robot for seasonal flu: fast social distancing detection and gap-seeking algorithm based on obstacles-weighted control
Authors: Fu, Guoqiang ; Wang, Yina ; Yang, Junyou ; Wang, Shuoyu
Source title: Intelligent Service Robotics
- 56. Accession number:** 20241015671160
Title: An optimization strategy for intra-park integration trading considering energy storage and carbon emission constraints
Authors: Zhu, Dongyuan ; Cui, Jia ; Wang, Shunjiang ; Wei, Junzhu ; Li, Chaoran ; Zhang, Ximing ; Li, Yuanzhong
Source title: Journal of Cleaner Production
- 57. Accession number:** 20240815595755
Title: Model Predictive Current Control for Dual Three-Phase Permanent Magnet Synchronous Motor with Common-Mode Voltage Suppression
Authors: Sun, Quanzeng ; Zhang, Zhifeng ; Zhang, Qingyi ; Yu, Jiazheng
Source title: Journal of Electrical Engineering and Technology
- 58. Accession number:** 20241015681173
Title: Center of gravity position prediction and trajectory tracking control for omnidirectional robots
Authors: Wang, Yi-Na ; Liu, Sai-Nan ; Wang, Shuo-Yu ; Yang, Jun-You
Source title: Kongzhi Lilun Yu Yingyong/Control Theory and Applications
- 59. Accession number:** 20241315829519
Title: Research on the Magnetic Properties of High-Saturation Magnetically Induced Alloy Motors under Magnetocaloric Coupling
Authors: Li, Jun ; Li, Zhiye ; Li, Yulin ; Ge, Jiahao ; Li, Yuxiao ; Zeng, Lubin ; Pei, Ruilin
Source title: Materials
- 60. Accession number:** 20241015675262
Title: Fluid modeling of CF 3 I / CO 2 arc formation process
Authors: Peng, Shidong ; Li, Jing ; Yin, Yue ; Jian, Wen ; Fu, Si ; Liu, Shuxin ; Cao, Yundong ; Lu, Jiabin
Source title: Physics of Fluids
- 61. Accession number:** 20241015707680
Title: RESEARCH ON SCREENING METHOD OF RETIRED POWER BATTERY MODULE BASED ON SOP DYNAMIC CONSISTENCY
Authors: Yan, Ning ; Zhong, Yao ; Li, Xiangjun ; Li, Yang ; Yao, Qingye ; Ma, Shaohua

Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica

62. Accession number: 20241115748139

Title: Sensorless Fault-tolerant Control of a Nine-phase Permanent Magnet Synchronous Motor Based on Axes Transformation Under Open-circuited Fault

Authors: Liu, Xiaoming ; Zheng, Xiaoqin ; Zhang, Xudong ; Wang, Haifeng ; Jin, Shi ; Wu, Xinzhen

Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering

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1. **Accession number:** 20240315406725
Title: Research progress of exosomes in drug resistance of breast cancer
Authors: Liu, Lihui; Jiang, Daqing; Bai, Shi; Zhang, Xinfeng; Kang, Yue
Source title: Frontiers in Bioengineering and Biotechnology
2. **Accession number:** 20240215336411
Title: Smoke and Flame Identification Method for the Entire Process of Grassland Fire Based on YOLOv5m-D and Static and Dynamic Characteristics
Authors: Li, Wei; Sun, Jinbao; Chen, Zijian; Liu, Kunjian; Zhang, Zhe
Source title: IEEE Access
3. **Accession number:** 20240615527147
Title: Task Offloading for IoAV under Extreme Weather Conditions Using Dynamic Price Driven Double Broad Reinforcement Learning
Authors: Peng, Xiting; Song, Shun; Zhang, Xiaoyu; Dong, Mianxiong; Ota, Kaoru
Source title: IEEE Internet of Things Journal
4. **Accession number:** 20240315386885
Title: MetaGON: A Lightweight Pedestrian Re-Identification Domain Generalization Model Adapted to Edge Devices
Authors: Peng, Xiting; Zhao, Huaxuan; Zhang, Xiaoyu; Zhang, Chaofeng; Chen, Caijuan
Source title: IEEE Open Journal of the Communications Society
5. **Accession number:** 20240115314512
Title: Target Selection Techniques for Smartphone While Walking
Authors: Xin, Yizhong; Guo, Simiao; Li, Yan
Source title: International Journal of Human-Computer Interaction
6. **Accession number:** 20240615495701
Title: Cluster-Based Hybrid Approach for PCI Configuration and Optimization in 5G EN-DC Heterogeneous Networks
Authors: Li, Pengzhao; Yang, Heng; Kim, Iksang; Liu, Zhenyu; Li, Shanshan
Source title: Journal of Network and Systems Management
7. **Accession number:** 20240115322134
Title: STIGCN: spatial - temporal interaction-aware graph convolution network for pedestrian trajectory prediction
Authors: Chen, Wangxing; Sang, Haifeng; Wang, Jinyu; Zhao, Zishan
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8. **Accession number:** 20240315387593
Title: Research on magnetic memory inspection signal characteristics of multi-parameter coupling pipeline welds
Authors: Liu, Bin; Wang, Fu chuan; Wu, Zi han; Lian, Zheng; He, Lu yao; Yang, Li jian; Tian, Ren feng; Geng, Hao; Tian, Ye
Source title: NDT and E International
9. **Accession number:** 20240315401038
Title: VOSTN: Variational One-shot Transformer Network for Pedestrian Trajectory Prediction

- Authors:** Wang, Jinyu; Sang, Haifeng; Chen, Wangxing; Zhao, Zishan
Source title: Physica Scripta
- 10. Accession number:** 20240515454838
Title: Microaneurysm detection method based on parallel multi-scale convolution neural network
Authors: Yuan, Weiqi; Wang, An
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 11. Accession number:** 20240815582985
Title: Highly sensitive ammonia sensor based on a PMMA/PANI microwire structure
Authors: Cheng, Cai-Hong ; Han, Bo ; Cheng, Liangliang ; Zheng, Weizong ; Xia, Feng ; Zhao, Yong ; Zhang, Ya-Nan
Source title: Applied Optics
- 12. Accession number:** 20240915622809
Title: Neural differential constraint-based pedestrian trajectory prediction model in ego-centric perspective
Authors: Wang, Jinyu ; Sang, Haifeng ; Liu, Quankai ; Chen, Wangxing ; Zhao, Zishan
Source title: Engineering Applications of Artificial Intelligence
- 13. Accession number:** 20240915645298
Title: Research on the characteristics of weak magnetic internal detection signals for critical damage in pipeline stress based on density functional theory
Authors: Liu, Bin ; Tian, Renfeng ; Yu, Hui ; He, Luyao ; Yang, Lijian ; Wang, Fuchuan ; Geng, Hao ; Tian, Ye
Source title: Engineering Failure Analysis
- 14. Accession number:** 20241315822523
Title: Graph-aware multi-feature interacting network for explainable rumor detection on social network
Authors: Yang, Chang ; Yu, Xia ; Wu, JiaYi ; Zhang, BoZhen ; Yang, HaiBo
Source title: Expert Systems with Applications
- 15. Accession number:** 20240915652182
Title: Development of a human-size magnetic particle imaging device for sentinel lymph node biopsy of breast cancer
Authors: Bai, Shi ; Gai, Lingke ; Zhang, Qinyang ; Kang, Yue ; Liu, Zhiyao ; He, Yuan ; Liu, Wenzhong ; Jiang, Tao ; Du, Zhongzhou ; Du, Siyao ; Gao, Si ; Zhang, Min ; Li, Tianshu
Source title: Frontiers in Bioengineering and Biotechnology
- 16. Accession number:** 20241115731479
Title: Research on quantification method of ellipsoidal defects based on leakage magnetic detection
Authors: Gao, Pengfei ; Geng, Hao ; Yang, Lijian ; Zheng, Fuyin ; Su, Yuming
Source title: IEEE Sensors Journal
- 17. Accession number:** 20240915650878
Title: Non-probability sampling network based on anomaly pedestrian trajectory discrimination for pedestrian trajectory prediction
Authors: Liu, Quankai ; Sang, Haifeng ; Wang, Jinyu ; Chen, Wangxing ; Liu, Yulong
Source title: Image and Vision Computing

- 18. Accession number:** 20241215757244
Title: DSTCNN: Deformable spatial-temporal convolutional neural network for pedestrian trajectory prediction
Authors: Chen, Wangxing ; Sang, Haifeng ; Wang, Jinyu ; Zhao, Zishan
Source title: Information Sciences
- 19. Accession number:** 20241115721700
Title: Dynamic projection mapping for non-planar objects with a variable focus lens and visual feedback
Authors: Tang, Shangen ; Wang, Lihui ; Song, Fengnian ; Li, Shaoyong
Source title: Journal of the Optical Society of America A: Optics and Image Science, and Vision
- 20. Accession number:** 20241215775466
Title: Method for detecting and locating cracks in aluminum plates based on balanced field electromagnetic technique
Authors: Zheng, Wenxue ; Li, Jiayin
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1. **Accession number:** 20240215329427
Title: Compensation Incentive of Executives under the Situation of Synergy or Mutual Exclusion of Corporate Profit and Innovation Tasks: Based on Incentive Game Model between Principal and Agent
Authors: Chen, Yixiu; Li, Zhuting
Source title: Complexity
2. **Accession number:** 20240415443439
Title: Research on Path Optimization of Vehicle-Drone Joint Distribution considering Customer Priority
Authors: Zhou, Xiaoye; Feng, Yuhao
Source title: Complexity
3. **Accession number:** 20240715544991
Title: Research on Government Incentive and Enterprise Data Resource Sharing Strategies in Digital Innovation Ecosystems
Authors: Li, Yazhu; Zou, Hua; Qin, Hao; Liu, Baotong; Ji, Huimin
Source title: IEEE Access
4. **Accession number:** 20240715545435
Title: Dynamic Dependence and Hedging of Stock Markets: Evidence From Time-Varying Copula With Asymmetric Markovian Models
Authors: Wang, Jia; Zhou, MengChu; Guo, Xiwang; Wang, Xu; Al-Turki, Yusuf
Source title: IEEE Transactions on Computational Social Systems
5. **Accession number:** 20240315399271
Title: A digital twin-driven multi-resource constrained location system for resource allocation
Authors: Tang, Qi; Wu, Baotong
Source title: International Journal of Advanced Manufacturing Technology
6. **Accession number:** 20240415417332
Title: Differential game strategy of energy sharing in industrial clusters under low-carbon preference
Authors: Fu, Haoyan; Song, Li
Source title: Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS
7. **Accession number:** 20240415437302
Title: Research on distributed energy sharing strategies of industrial clusters under consumers' low-carbon preferences
Authors: Fu, Haoyan; Song, Li
Source title: Systems Science and Control Engineering
8. **Accession number:** 20241115752078
Title: The Development Strategy of Dual-Channel Supply Chain of Smart Elderly Care Service from the Perspective of Time Perception
Authors: Zhao, Tong ; Hou, Qiaoming
Source title: Complexity

9. Accession number: 20241215760154

Title: Green Logistics Tram Charging and Path Optimisation Considering Urban Impedance

Authors: Fu, Lei ; Xu, Yan ; Zhang, Aobei

Source title: IEEE Access

(六) 理学院 (12 篇)

1. **Accession number:** 20240715555104
Title: A new dust detection method for photovoltaic panel surface based on Pytorch and its economic benefit analysis
Authors: Shao, Yichuan; Zhang, Can; Xing, Lei; Sun, Haijing; Zhao, Qian; Zhang, Le
Source title: Energy and AI
2. **Accession number:** 20240215329742
Title: Compensation behaviors and phase transitions of a 3D fullerene-like polymer
Authors: Li, Bo-chen; Wang, Wei; An, Ying; Xu, Zhen-yao
Source title: Journal of Materials Science
3. **Accession number:** 20240215367030
Title: Unveiling Quantum Interference in the $D^+ + H_2$ Nonadiabatic Reaction Dynamics at Low Collision Energies
Authors: Mao, Ye; Yang, Zijiang; Buren, Bayaer; Chen, Maodu
Source title: Journal of Physical Chemistry A
4. **Accession number:** 20240215340062
Title: The WuC-Adam algorithm based on joint improvement of Warmup and cosine annealing algorithms
Authors: Zhang, Can; Shao, Yichuan; Sun, Haijing; Xing, Lei; Zhao, Qian; Zhang, Le
Source title: Mathematical Biosciences and Engineering
5. **Accession number:** 20240615524587
Title: Solutions to the output regulation problem of time-varying descriptor systems
Authors: Su, Xiaoming; Liu, Wenai; Bao, Adiya
Source title: Measurement and Control (United Kingdom)
6. **Accession number:** 20240215356120
Title: Influence of TM elements on the mechanical and thermodynamic properties of Hf₂Si intermetallics
Authors: Li, Chen; Zhang, Xudong; Wang, Feng
Source title: Vacuum
7. **Accession number:** 20240915652179
Title: Petal-shaped MoS₂/FeS₂@C nanocomposites with enhanced peroxidase-like activity for colorimetric detection of H₂O₂ and glutathione
Authors: Shi, Gui-Mei ; Lv, Xin ; Zhao, Chen ; Wang, Xiao-Lei ; Shi, Fa-Nian ; Bao, Xiu-Kun ; Yu, Di
Source title: Applied Physics A: Materials Science and Processing
8. **Accession number:** 20241215775604
Title: Quantum State-Resolved Nonadiabatic Dynamics of the $H+NaF \rightarrow Na+HF$ Reaction
Authors: Mao, Ye ; Chen, Hanghang ; Yang, Zijiang ; Buren, Bayaer ; Chen, Maodu
Source title: Chinese Physics Letters
9. **Accession number:** 20240915643715
Title: Exploring the dynamic equilibrium relationship between urbanization and ecological environment -- A case study of Shandong Province, China
Authors: Sui, Yunyun ; Hu, Jiangshan ; Zhang, Naiqian ; Ma, Fang

Source title: Ecological Indicators

10. Accession number: 20240815580128

Title: Flexible carbon-coated FeNi alloy/PDMS nanocomposites toward a multifunctional high-performance electromagnetic absorber

Authors: Qu, Xinghao ; Li, Xiyang ; Wei, Guanglong ; Huang, Feirong ; Li, Zhijie ; Shi, Guimei ; Duan, Yuping ; Zhang, Xuefeng ; Dong, Xinglong

Source title: Journal of Alloys and Compounds

11. Accession number: 20241315812308

Title: Structural, mechanical, electronic and thermodynamic properties of YBC, YB2C, YB2C2, Y2B3C2 intermetallics

Authors: Tian, Ming ; Zhang, Xudong ; Wang, Feng

Source title: Materials Today Communications

12. Accession number: 20241015665621

Title: Effect of Laser Paint Removal on Surface Quality of Aluminum Alloy Substrate

Authors: Li, Qiang ; Zhao, Ziming ; Liu, Weijun ; Bian, Hongyou ; Wang, Wei ; Wang, Huiru

Source title: Surface Technology

(七) 建筑与土木工程学院 (39 篇)

1. **Accession number:** 20240515461943
Title: Fatigue Performance and Life Evaluation of Orthotropic Steel Deck of Main Bridge of Mingzhu Bay Bridge
Authors: Liu, Peng; Chen, Yixuan; Zhao, Jian; An, Burning; Wang, Yuanqing
Source title: Bridge Construction
2. **Accession number:** 20240215340165
Title: Study on the synergistic effect of calcium carbide residue -fly ash enhanced desulphurisation gypsum under high temperature maintenance condition
Authors: Gu, Xiawoei; Ge, Xiaowei; Liu, Jianping; Song, Ge; Wang, Shenyu; Hu, Ziyang; Wang, Hao
Source title: Construction and Building Materials
3. **Accession number:** 20240315388259
Title: A Constrained Fuzzy Control for Robotic Systems
Authors: Xue, Wenkui; Zhou, Baozhi; Chen, Fenghua; Taghavifar, Hamid; Mohammadzadeh, Ardashir; Ghaderpour, Ebrahim
Source title: IEEE Access
4. **Accession number:** 20240215370103
Title: Analytical modeling and analysis of the low-velocity penetration and non-penetration behaviors of fiber-reinforced composite cylindrical shells based on critical impact velocity criterion
Authors: Li, Hui; Li, Pengchao; Li, Zelin; Xiong, Jian; Zhou, Bo; Zhang, Haiyang; Bai, Hansong; Wang, Shaoming; Wang, Xiangping; Cao, Hang; Sun, Wei; Han, Qingkai; Zhou, Jin; Guan, Zhongwei
Source title: International Journal of Impact Engineering
5. **Accession number:** 20240515480995
Title: The interface effect on the lithiation of silicon/graphene composites: The first principles study
Authors: Wang, M.; Yang, C.X.; Leng, X.Y.; Chen, Y.; Yang, S.B.; Li, W.; Hong, W.; Xu, Y.
Source title: International Journal of Quantum Chemistry
6. **Accession number:** 20240215356779
Title: Nonsingleton Gaussian type-3 fuzzy system with fractional order NTSMC for path tracking of autonomous cars
Authors: Taghavifar, Hamid; Mohammadzadeh, Ardashir; Zhang, Wenjun; Zhang, Chunwei
Source title: ISA Transactions
7. **Accession number:** 20240515466624
Title: Effect of strain rate on compressive behavior and deformation mechanism of CoCrNi medium entropy alloy fabricated via cold spray additive manufacturing
Authors: Mengiste, Bemechal Tsegaye; Arab, Ali; Guo, Yansong; Lei, Yinze; Li, Xiaoshuai; Chen, Pengwan; Xie, Jing
Source title: Journal of Alloys and Compounds
8. **Accession number:** 20240115323991

Title: Study on the propagation and attenuation characteristics of tunnel blasting vibration waves at different blast center distances

Authors: Wang, Junxiang; Ma, Baolong; Ning, Baokuan; Kou, Haijun; Li, Jian

Source title: Journal of Applied Geophysics

9. Accession number: 20240615509415

Title: Enhancing bonding behavior between basalt fiber-reinforced polymer sheets and concrete using resin pre-coating method and multi-wall carbon nanotubes

Authors: Shi, Changchun; Jin, Shengji; Jin, Bang; Xu, Jingyan

Source title: Journal of Building Engineering

10. Accession number: 20240715537501

Title: Synergistic effects of steel slag and lithium slag in carbonation-cured cement pastes: Carbonation degree, strength and microstructure

Authors: Wang, Hongyu; Gu, Xiaowei; Liu, Jianping; Zhu, Zhenguo; Wang, Shenyu; Xu, Xiaochuan; Nehdi, Moncef L.

Source title: Journal of Building Engineering

11. Accession number: 20240115314703

Title: Ignition and energy release characteristics of energetic high-entropy alloy HfZrTiTa_{0.2}Al_{0.8} under dynamic loading

Authors: Guo, Yansong; Liu, Rui; Ran, Chun; Arab, Ali; Geng, Hengheng; Gao, Maoguo; Guo, Baoqiao; Zhou, Qiang; Chen, Pengwan

Source title: Journal of Materials Research and Technology

12. Accession number: 20240315407675

Title: Effect of Size Change on Mechanical Properties of Monolayer Arsenene

Authors: Guo, Juan; Liu, Guili; Sun, Zhenyu

Source title: Journal Wuhan University of Technology, Materials Science Edition

13. Accession number: 20240515457952

Title: Dynamic Splitting Performance and Energy Dissipation of Fiber-Reinforced Concrete under Impact Loading

Authors: Cui, Dashun; Wang, Limin; Zhang, Chunwei; Xue, Huiting; Gao, Dianwei; Chen, Fanxiu

Source title: Materials

14. Accession number: 20240715558257

Title: First principles calculations on stability, electronic structure and fracture failure of Cu-doped Al(100)/Mg₂Si(111) interface

Authors: Zou, Xue; Liu, Tongyu; Liu, Weihua; Li, Yingmin; Zhao, Yunpeng

Source title: Materials Chemistry and Physics

15. Accession number: 20240615523477

Title: An ecological composites for a novel class of solid waste concrete

Authors: Li, Xiaohui; Gu, Xiaowei; Zhang, Weifeng; Liu, Jianping; Li, Zhijun; Liu, Bonan

Source title: Materials Letters

16. Accession number: 20240715537683

Title: Effect of epoxy groups and defects on the interfacial properties of RGO/Ti composites using the first principles simulation

Authors: He, Jianlin; Arab, Ali; Zhang, Guoying; Zhang, Chunwei

- Source title:** Micro and Nanostructures
17. **Accession number:** 20240315402387
Title: First-principles study of the effect of alkali metals on the electronic and optical properties of SnS₂
Authors: Ma, Mengting; Liu, Guili; Su, Dan; Wei, Ran; Yang, Zhonghua; Zhang, Guoying
Source title: Physica Scripta
18. **Accession number:** 20240515455066
Title: An Investigation into the Application of Acceleration Responses' Trendline for Bridge Damage Detection Using Quadratic Regression
Authors: Kordestani, Hadi; Zhang, Chunwei; Arab, Ali
Source title: Sensors
19. **Accession number:** 20240215353336
Title: Effect of atomic doping on the adsorption of Hg by WS₂
Authors: Su, Qing; Wang, Ying; Gao, Xuewen; Liu, Guili; Zhang, Guoying
Source title: Solid State Communications
20. **Accession number:** 20240915637649
Title: Experimental Study on the Properties and Hydration Mechanism of Gypsum-Based Composite Cementitious Materials
Authors: Liu, Jianping ; Song, Ge ; Ge, Xiaowei ; Liu, Bing ; Liu, Kaixin ; Tian, Yulin ; Wang, Xu ; Hu, Zhihang
Source title: Buildings
21. **Accession number:** 20241315825927
Title: Experimental Study on MgO-Na₂CO₃ Combined Excitation Recycled Fine-Powder-Slag Cementitious System and Modification
Authors: Liu, Jianping ; Tian, Yulin ; Ge, Xiaowei ; Liu, Bing ; Liu, Kaixin ; Song, Ge
Source title: Buildings
22. **Accession number:** 20240915624574
Title: Experimental Study on Hybrid Fiber High Strength Lightweight Aggregate Concrete Under Uniaxial Compression
Authors: Cui, Taotao ; Ning, Baokuan ; Gao, Dianwei ; Xia, Xudong
Source title: Cailiao Daobao/Materials Reports
23. **Accession number:** 20241315823536
Title: Porous high-entropy alloy coatings as highly efficient electrocatalysts for electrocatalytic water splitting
Authors: Huo, Xiaoran ; Nie, Sainan ; Zhang, Yuanwu ; Zuo, Xiaojiao ; Xu, Xuelu ; Zhang, Nannan ; Huang, Jianqi ; Zhu, Xiaofei
Source title: Chemical Engineering Journal
24. **Accession number:** 20241115726069
Title: Observer-based hybrid triggered control design for cluster synchronization of nonlinear complex dynamical networks
Authors: Devi, N. Birundha ; Sakthivel, R. ; Vijayakumar, M. ; Mohammadzadeh, A.
Source title: International Journal of Adaptive Control and Signal Processing
25. **Accession number:** 20241215767809

Title: Effect of tensile and compressive strains on the electronic structure of O-atom-doped monolayer MoS₂

Authors: Jia-Xin, Wang ; Gui-Li, Liu ; Lin, Wei ; Gan, Jiao ; Guo-Ying, Zhang

Source title: International Journal of Modern Physics B

26. Accession number: 20241315813027

Title: Variable pressure differential fuzzy control method for the multi-split backplane cooling system in data center

Authors: Li, Mengyi ; Li, Xiuming ; Zhang, Yiqi ; Dong, Jiaxiang ; Han, Zongwei ; Zhou, Bo

Source title: International Journal of Refrigeration

27. Accession number: 20241015671942

Title: Field experimental verifications of 3D DDA and its applications to kinematic evolutions of rockfalls

Authors: Liu, Guoyang ; Zhong, Zhirui ; Ma, Ke ; Bo, Wu ; Zhao, Penghui ; Li, Yexin ; Zhang, Zhenping ; Zhang, Peng

Source title: International Journal of Rock Mechanics and Mining Sciences

28. Accession number: 20241115722153

Title: Compressive and flexural behaviour of engineered cementitious composites based auxetic structures: An experimental and numerical study

Authors: Chen, Meng ; Fang, Shuai ; Wang, Guangquan ; Xuan, Yiwei ; Gao, Dianwei ; Zhang, Mingzhong

Source title: Journal of Building Engineering

29. Accession number: 20240815589054

Title: Experimental investigation of a novel high performance multi-walled carbon nano-polyvinylpyrrolidone/silicon-based shear thickening fluid damper

Authors: Sun, Li ; Wang, Geng ; Zhang, Chunwei

Source title: Journal of Intelligent Material Systems and Structures

30. Accession number: 20240915649988

Title: Photoelectric and Magnetic Variation of Transition Metal-Doped Monolayer TiS₂: A First-Principles Calculation

Authors: Liu, Huaidong ; Yang, Lu ; Zhao, Yanshen ; Sun, Shihang ; Wei, Xingbin

Source title: Journal of Superconductivity and Novel Magnetism

31. Accession number: 20240815568847

Title: Tuning the mechanical properties of CrCoFeMnNi high entropy alloy via cold spray additive manufacturing associated with heat treatment

Authors: Mengiste, Bemechal Tsegaye ; Arab, Ali ; Guo, Yansong ; Lei, Yinze ; Li, Xiaoshuai ; Chen, Pengwan ; Xie, Jing

Source title: Materials Science and Engineering: A

32. Accession number: 20241315812308

Title: Structural, mechanical, electronic and thermodynamic properties of YBC, YB₂C, YB₂C₂, Y₂B₃C₂ intermetallics

Authors: Tian, Ming ; Zhang, Xudong ; Wang, Feng

Source title: Materials Today Communications

33. Accession number: 20241315811853

- Title:** Electronic structure, magnetic and adsorption properties of monolayer chromium disulfide adsorbed by (non)-metals: A first-principles study
Authors: Liu, Huaidong ; Yang, Lu ; Zhao, Yanshen ; Wei, Xingbin ; Sun, Shihang
Source title: Materials Today Communications
- 34. Accession number:** 20240815568865
Title: Error correction algorithm for grating Moiré fringes based on QM-ANN
Authors: Chang, Li ; Lu, Qiuyue ; Guo, Yumei ; Zhou, Bo ; Xiu, Guoyi
Source title: Measurement: Journal of the International Measurement Confederation
- 35. Accession number:** 20241315822037
Title: Biaxial tensile-compressive deformation on the electronic structure and optical properties of doped with different concentrations F - MoTe₂: A first-principles study
Authors: Dai, Ying ; Liu, Guili ; He, Jianlin ; Yang, Zhonghua ; Zhang, Guoying
Source title: Physica B: Condensed Matter
- 36. Accession number:** 20240915630530
Title: Integrating deep reinforcement learning and social-behavioral cues: A new human-centric cyber-physical approach in automated vehicle decision-making
Authors: Taghavifar, Hamid ; Mohammadzadeh, Ardashir
Source title: Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering
- 37. Accession number:** 20240815588245
Title: Effect of Non-Metal Doping on the Optoelectronic Properties of Monolayer 1T-CrS₂ under Tensile Strain: A First-Principles Study
Authors: Liu, Huaidong ; Yang, Lu ; Bao, Jinlin ; Wang, Tianyun
Source title: Russian Journal of Physical Chemistry A
- 38. Accession number:** 20240815588257
Title: Effect of Strain on Optical and Electronic Properties of ZrS₂/ZrSe₂ van der Waals Heterostructures
Authors: Zhao, Yanshen ; Yang, Lu ; Bao, Jinlin ; Sun, Shihang ; Wei, Xingbin ; Liu, Huaidong ; Ni, Junjie
Source title: Russian Journal of Physical Chemistry A
- 39. Accession number:** 20240915637822
Title: A dynamic damage constitutive model and three-dimensional internal crack propagation of rock-like materials in bond-based peridynamic
Authors: Sun, Gang ; Wang, Junxiang ; Tang, Song ; Zhang, Zhengru ; Guo, Lianjun
Source title: Theoretical and Applied Fracture Mechanics

(八) 经济学院 (1 篇)

1. **Accession number:** 20241215770288

Title: Economic Transformations in Urban Industries during Energy Transition: Novel Tradeoff Technique for Balancing Energy Consumption

Authors: Fang, Zhi ; Yang, Xishui ; Xin, Zongpu

Source title: Sustainable Cities and Society

(九) 软件学院 (1 篇)

1. **Accession number:** 20240715544418

Title: A novel multi-exposure fusion-induced stripe inpainting method for blade reflection-encoded images

Authors: Song, Kechen; Zhang, Tianle; Sun, Chongyan; Wen, Xin; Yan, Yunhui

Source title: Advanced Engineering Informatics

(十) 人工智能学院 (11 篇)

1. **Accession number:** 20240615527147
Title: Task Offloading for IoAV under Extreme Weather Conditions Using Dynamic Price Driven Double Broad Reinforcement Learning
Authors: Peng, Xiting; Song, Shun; Zhang, Xiaoyu; Dong, Mianxiong; Ota, Kaoru
Source title: IEEE Internet of Things Journal
2. **Accession number:** 20240315386885
Title: MetaGON: A Lightweight Pedestrian Re-Identification Domain Generalization Model Adapted to Edge Devices
Authors: Peng, Xiting; Zhao, Huaxuan; Zhang, Xiaoyu; Zhang, Chaofeng; Chen, Caijuan
Source title: IEEE Open Journal of the Communications Society
3. **Accession number:** 20240215342055
Title: ∞ Control for Fuzzy Switched Cyber-Physical Systems Subject to DoS Attacks
Authors: Yang, Dong; Xin, Aoting; Zong, Guangdeng; Xie, Jing
Source title: IEEE Transactions on Fuzzy Systems
4. **Accession number:** 20240215334964
Title: Deep Learning Image Recognition-Assisted Atomic Force Microscopy for Single-Cell Efficient Mechanics in Co-culture Environments
Authors: Yang, Xuliang; Yang, Yanqi; Zhang, Zhihui; Li, Mi
Source title: Langmuir
5. **Accession number:** 20240615531659
Title: A new method of network traffic prediction based on combination model
Authors: Li, Guohao; Tian, Zhongda
Source title: Peer-to-Peer Networking and Applications
6. **Accession number:** 20240215347835
Title: Grain size effect on the transport properties of polycrystalline Bi(0001) films grown in MgO(001) and glass
Authors: Wang, Nan; Dai, Muyan; Yi, Ming; Li, Zhilin; Zhang, Ning; Zhang, Jun; Zhang, Tong; Zhang, Bowen
Source title: Vacuum
7. **Accession number:** 20241015671518
Title: Dynamic multiobjective optimization with varying number of objectives assisted by dynamic principal component analysis
Authors: Zou, Fei ; Yen, Gary G.
Source title: Information Sciences
8. **Accession number:** 20241015669218
Title: Dual flow fusion graph convolutional network for traffic flow prediction
Authors: Zhao, Yuan ; Li, Mingxin ; Wen, Haoyang ; Zhao, Hui ; Wang, Yongjian ; Wen, Shixi
Source title: International Journal of Machine Learning and Cybernetics
9. **Accession number:** 20241115752151
Title: Application of data mining algorithm in job shop scheduling problem

Authors: Wang, Yanhong ; Zhao, Yejian ; Liu, Wenxin

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

10. Accession number: 20241215775466

Title: Method for detecting and locating cracks in aluminum plates based on balanced field electromagnetic technique

Authors: Zheng, Wenxue ; Li, Jiayin

Source title: Measurement: Journal of the International Measurement Confederation

11. Accession number: 20240915644232

Title: A novel air quality index prediction model based on variational mode decomposition and SARIMA-GA-TCN

Authors: Sun, Xiaolei ; Tian, Zhongda

Source title: Process Safety and Environmental Protection

(十一) 环境与化学工程学院 (25 篇)

- 1. Accession number:** 20240615529410
Title: Structural regulation of Co₃O₄/Nickel foam for enhanced electromagnetic wave absorption performance
Authors: Zou, Guangqing; Xu, Heming; Liu, Zhen Qi; Qu, Xin Yu; Hou, Guo Qiu; Wang, Xue Lian; Wang, Xiaolei; Shi, Guimei
Source title: Ceramics International
- 2. Accession number:** 20240115310448
Title: 3D network of zinc powder woven into fibre filaments for dendrite-free zinc battery anodes
Authors: Sha, Lin; Sui, Bin-Bin; Wang, Peng-Fei; Gong, Zhe; Zhang, Yu-Hang; Wu, Yu-Han; Zhao, Li-Na; Tang, Jun-Jie; Shi, Fa-Nian
Source title: Chemical Engineering Journal
- 3. Accession number:** 20240415424931
Title: High-pressure deformation exposes zinc (002) crystal planes adapted for high-performance zinc anodes
Authors: Bao, Qing-peng; Sui, Bin-bin; Wang, Peng-fei; Gong, Zhe; Zhang, Yu-hang; Wu, Yu-han; Zhao, Li-na; Tang, Jun-jie; Zhou, Ming-dong; Shi, Fa-nian
Source title: Electrochimica Acta
- 4. Accession number:** 20240415442869
Title: Conductive Framework-Stabilized Zn-Metal Anodes for High-Performance Zn-Ion Batteries and Capacitors
Authors: Gong, Zhe; Li, Zhuo; Wang, Pengfei; Jiang, Kai; Bai, Zhaowen; Zhu, Kai; Yan, Jun; Ye, Ke; Wang, Guiling; Cao, Dianxue; Chen, Guohua
Source title: Energy Material Advances
- 5. Accession number:** 20240515464288
Title: Lithium doping enhanced ORR kinetics and CO₂ tolerance of iron-based double perovskite cathode for solid oxide fuel cells
Authors: Zhang, Hai-Xia; Yao, Chuan-Gang; Zhang, Zhe; Xia, Bai-Xi; Sun, Yu-Xi; Shi, Fa-Nian
Source title: Journal of Alloys and Compounds
- 6. Accession number:** 20240615518932
Title: A MOF-derived flower-shaped CeCo-oxide as a multifunctional material for high-performance lithium-ion batteries and supercapacitors
Authors: Sun, Ping-Ping; Deng, Shu-Ping; Li, Jia-Qi; Xiao-Wu; Zhang, Yan-Feng; Liu, Hai-Yan; Shi, Fa-Nian
Source title: Journal of Colloid and Interface Science
- 7. Accession number:** 20240515470119
Title: In situ zinc citrate on the surface of Zn anode improves the performance of aqueous zinc-ion batteries
Authors: Sui, Bin-bin; Sha, Lin; Wang, Peng-fei; Gong, Zhe; Zhang, Yu-hang; Wu, Yu-han; Zhao, Li-na; Tang, Jun-jie; Shi, Fa-nian
Source title: Journal of Energy Storage

- 8. Accession number:** 20240615524412
Title: Occurrence and risks of pharmaceuticals, personal care products, and endocrine-disrupting compounds in Chinese surface waters
Authors: Chen, Yuhang; Li, Mengyuan; Gao, Weichun; Guan, Yinyan; Hao, Zhineng; Liu, Jingfu
Source title: Journal of Environmental Sciences (China)
- 9. Accession number:** 20240715557580
Title: Research progress of alkaline earth metal iron-based oxides as anodes for lithium-ion batteries
Authors: Ye, Mingyuan; Hao, Xiaorui; Zeng, Jinfeng; Li, Lin; Wang, Pengfei; Zhang, Chenglin; Liu, Li; Shi, Fanian; Wu, Yuhan
Source title: Journal of Semiconductors
- 10. Accession number:** 20240215366999
Title: Ultratrace Aromatic Anhydride Dopant as Intermediate Island to Promote Charge Transfer of Graphitic Carbon Nitride for Enhancing the Photocatalytic Degradation of Rhodamine B
Authors: Zhao, Yuren; Sun, Mingyue; Zhou, Fang; Xu, Ge
Source title: Langmuir
- 11. Accession number:** 20240115302330
Title: Synthesis and Characterization of Cardanol-Based Non-Isocyanate Polyurethane
Authors: Li, Yanan; Zhang, Bin; Zhao, Yuzhuo; Lu, Shuai; Fan, Donglei; Wang, Song; Liu, Jie; Tang, Tao; Li, Sanxi
Source title: Polymers
- 12. Accession number:** 20240515450796
Title: Direct construction of MXene 3D fibre whiskers on the surface of aqueous zinc anodes by electrostatic spinning
Authors: Sha, Lin; Qu, Jia-Yu; Sui, Bin-Bin; Wang, Peng-Fei; Gong, Zhe; Zhang, Yu-Hang; Wu, Yu-Han; Zhao, Li-Na; Tang, Jun-Jie; Shi, Fa-Nian
Source title: Solid State Ionics
- 13. Accession number:** 20240215371119
Title: Anode surface pretreatment to optimize electrochemical performance of aqueous zinc-ion batteries
Authors: Sui, Bin-bin; Sha, Lin; Wang, Peng-fei; Gong, Zhe; Zhou, Ming-dong; Shi, Fa-nian; Zhu, Kai
Source title: Solid State Ionics
- 14. Accession number:** 20241015698879
Title: Model Prediction and Optimization of Cefixime Trihydrate Removal from Simulated Wastewater through Advanced Plasma Technology
Authors: Song, Jia-Wei ; Bao, Jia ; Liu, Yang ; Wang, Xin ; Cui, Li
Source title: Chemical Engineering and Processing - Process Intensification
- 15. Accession number:** 20241015680149
Title: Co-, Ni-, and Cu-Doped Fe-Based Catalysts for the Microwave-Assisted Catalytic Pyrolysis of Polyethylene

- Authors:** Zhang, Bin ; Li, Ya'nan ; Lu, Shuai ; Hu, Yanbing ; Li, Yang ; Wang, Song ; Liu, Jie ; Tang, Tao ; Li, Sanxi
Source title: ChemSusChem
- 16. Accession number:** 20241115753869
Title: Review on Oxygen Release Mechanism and Modification Strategy of Nickel-Rich NCM Cathode Materials for Lithium-Ion Batteries: Recent Advances and Future Directions
Authors:Duan, Yunlong ; Chen, Shi-Peng ; Zhang, Linnan ; Guo, Liying ; Shi, Fa-Nian
Source title: Energy and Fuels
- 17. Accession number:** 20240815597409
Title: Effect of particle size of sesbania gum on its modification, structure and performances
Authors: Jiang, Peilong ; Tang, Hongbo ; Li, Yanping ; Liu, Xiaojun
Source title: International Journal of Biological Macromolecules
- 18. Accession number:** 20240915640439
Title: Recovery of Ni and Co Elements from Superalloy Leaching Solution by Sodium Roasting and Water Leaching
Authors: Liu, Junchen ; Tang, Junjie ; Sun, Yuan ; Zhou, Yizhou ; Shi, Fanian
Source title: JOM
- 19. Accession number:** 20240615510371
Title: Preparation of degradable polycarbonate from low boiling point organic matter of waste electrolyte
Authors: Duan, Yunlong ; Guo, Liying ; Zhou, Qiao ; Wang, Haonan ; Zhang, Linnan ; Shi, Fa-Nian
Source title: Journal of Material Cycles and Waste Management
- 20. Accession number:** 20240815569464
Title: Effect of High-Temperature Oxidation on Laser Transmission Welding of High Borosilicate Glass and TC4 Titanium Alloy
Authors: Xu, Mengxuan ; Chen, Changjun ; Shao, Jiaqi ; Tian, Chen ; Zhang, Min ; Zhang, Wei
Source title: Journal of Materials Engineering and Performance
- 21. Accession number:** 20241215794995
Title: Preface

Authors: Dong, Jiangfeng ; Zahran, El-Said Mamdouh Mahmoud ; Ghosh, Ankush ; Hu, Junhui ; Liu, Jialei ; Uddin, Faheem ; Chen, Chun-Fu ; Shi, Fa-Nian ; Radhouane, Amina ; Adiguzel, Osman ; Wang, Zhen ; Hassanpour, Malek ; Zubair, Muhammad ; Mateev, Valentin ; Yuan, Ming ; Ciaburro, Giuseppe ; Dobrota, Dan ; Gucbilmez, Yesim ; Yang, Anuo ; Grzegorz, Woroniak ; Tin, Hlaing Htake Khaung ; Wu, Jiaqi ; Iyer, Vijayan Gurumurthy ; Afshari, Mozghan ; Mucha, Jacek ; Hu, Cheng ; Hammadi, Larbi ; Vasconcelos, Helena Cristina ; Sherip, Mati ; Mobilia, Mirka ; Ihaddadene, Razika ; Cai, Qiongzhou ; Arslan, Farrukh ; Onay, Özlem ; Pascual, Beatriz Valle ; Elmali Gülbaş, Hülya ; Han, Ying ; Čubrić, Ivana Salopek ; Liu, Wenlong ; Phuruangrat, Anukorn ; Porti, Marc ; Zeng, Yanning ; Boumerzoug, Zakaria ; Jean-Paul, Serin ; Zheng, Jiahua ; Movileanu, Codina ; Jiang, Yifan ; Mubarak Ali, M. ; Chen, Ming ; Khalaj, Gholamreza ; Zhan, Hua ; Mhadhbi, Mohsen ; Gan, Chong Leong ; Lu, Yang ; Bait, Omar ; Tala-Ighil Zair, Razika ; Liu, Yahui ; Chaib, Rachid ; Szymczyk, Anna ; Wan, Shaohua ; Cai, Tianxing ; Luo, Jiaojiang ; Hanc-Kuczkowska, Aneta ; Liu, Li ; Trinca, Cibele ; Joseph Antony, S. ; Failla, Giuseppe ; Hage Chehade, Fadi ; Eyvaz, Murat ; Doroftei, Corneliu ; Zhang, Xing ; Wong, Basil TungLiong ; Akyol, Abdurrahman ; Pereira, André Filipe Gomes ; Feng, Shuaishuai ; Albayrak, Onder ; Elmalahawy, Ahmed Moustafa ; Xie, Hengxing ; Shishkin, Alexei ; Han, Xing ; Lynda, Benbahouche ; Abdel Raheem, Shehata E. ; Li, Xiahuan ; Bari, Anil Ramdas ; Ciortea, Elisabeta Mihaela ; Ismail, Azman bin

Source title: Journal of Physics: Conference Series

22. Accession number: 20240815616101

Title: A comparative study on the corrosion behavior of AZ80 and EW75 Mg alloys in industrial atmospheric environment

Authors: Song, Yingwei ; Dai, Jiaming ; Sun, Shuo

Source title: Materials Today Communications

23. Accession number: 20241115744422

Title: Structural Engineering of Anode Materials for Low-Temperature Lithium-Ion Batteries: Mechanisms, Strategies, and Prospects

Authors: Wang, Guan ; Wang, Guixin ; Fei, Linfeng ; Zhao, Lina ; Zhang, Haitao

Source title: Nano-Micro Letters

24. Accession number: 20241015665924

Title: A novel method for preparing anisotropic negative Poisson's ratio composite foam with excellent structural stability and shape recovery property

Authors: Fan, Donglei ; Li, Niexin ; Li, Yongjiang ; Xing, Haiping ; Wang, Song ; Li, Sanxi ; Jiang, Zhiwei ; Li, Minggang ; Tang, Tao

Source title: Polymer

25. Accession number: 20241315802037

Title: Boosting lithium storage of BaFe₁₂O₁₉ by element doping engineering

Authors: Ye, Mingyuan (1); Wu, Yuhan (1, 2); Hao, Xiaorui (3); Zhao, Ziqi (1); Liu, Liying (4); Lv, Jiaqi (1); Zhang, Yu-Hang (1); Wang, Peng-Fei (1); Liu, Li (1); Shi, Fa-Nian (1)

Source title: Research on Chemical Intermediates

(十二) 马克思主义学院 (1 篇)

1. **Accession number:** 20240215334507

Title: Analyzing and Optimizing Virtual Reality Classroom Scenarios: A Deep Learning Approach

Authors: Jiang, Lin; Lu, Xiao

Source title: Traitement du Signal

(十三) 石油化工学院 (17 篇)

- 1. Accession number:** 20240415442630
Title: Manipulating Molecular Motion of [1,2,5]Thiadiazolo[3,4-g]Quinoxaline-6,7-Dicarboxylate Small Molecules for Highly Efficient Solar-Thermal Water Evaporation and Thermoelectric Power Generation
Authors: Wang, Luoqing; Wang, Han; Yu, Shuai; An, Nan; Pan, Yuyu; Li, Jing; Jia, Tao; Wang, Kai; Huang, Wei
Source title: Advanced Functional Materials
- 2. Accession number:** 20240415422922
Title: Multipurpose new gas chromatography column based on pillararenes functionalized with imidazolium ionic liquids
Authors: Sun, Tao; Ba, Mengyi; Song, Yanli; Li, Wen; Zhang, YuanYuan; Cai, Zhiqiang; Hu, Shaoqiang; Liu, Xianming; Nardiello, Donatella; Quinto, Maurizio
Source title: Analytica Chimica Acta
- 3. Accession number:** 20240315407660
Title: Ester-functionalized pillar[6]arene as the gas chromatographic stationary phase with high-resolution performance towards the challenging isomers of xylenes, diethylbenzenes, and ethyltoluenes
Authors: Song, Yanli; Li, Wen; Ba, Mengyi; Zhang, Yuanyuan; Liu, Haixin; Xu, Xiang; Su, Haoyu; Cai, Zhiqiang; Liu, Xianming; Sun, Tao
Source title: Analytical and Bioanalytical Chemistry
- 4. Accession number:** 20240215332288
Title: Theoretical simulation of the structure - activity relationship of polyimide dielectric constant and analysis of its linear regression model
Authors: Li, Junhao; Yang, Tianxiang; Zheng, Rongrong
Source title: Applied Physics A: Materials Science and Processing
- 5. Accession number:** 20240715540764
Title: Benzimidazolium ionic liquid functionalized star-polycaprolactone stationary phase for capillary gas chromatography
Authors: Chen, Ruonan; Yang, Hongbing; Huang, Qiuchen; Ba, Mengyi; Li, Wen; Song, Yanli; Cai, Zhiqiang; Sun, Tao; Feng, Qiaoqiao; Li, Shuai
Source title: Canadian Journal of Chemistry
- 6. Accession number:** 20240615520118
Title: Narrowband emission from carbonyl-bridged triarylamine derivatives with suppressed high-frequency vibronic coupling
Authors: Ye, Xiyun; Xu, Lei; Xiao, Jiyin; Pan, Yuyu; Zhou, Jiadong; Wang, Bohan; Tian, Guangjun; Jin, Yaocheng; Ma, Zetong; Huo, Yanping; Hu, Dehua
Source title: Dyes and Pigments
- 7. Accession number:** 20240515471123
Title: P-doped Fe-N-C catalysts as advanced bifunctional electrocatalyst for ORR, OER and Zn-air batteries
Authors: Huang, Weifeng; Hai, Bo; Su, Geer; Mao, Haili; Li, Jiefei
Source title: Materials Letters

- 8. Accession number:** 20240715565556
Title: Highly permselective Pebax/MWCNTs mixed matrix membranes for CO₂/N₂ separation
Authors: Jiang, Yu; Zhang, Bing; Zheng, Yingfei; Wu, Yonghong
Source title: Polymer Bulletin
- 9. Accession number:** 20240215365288
Title: Acidic Metal-Based Functional Ionic Liquids Catalyze the Synthesis of Bio-Based PEF Polyester
Authors: Zhou, Qiao; Zhao, Yuanyuan; Shi, Yafei; Zheng, Rongrong; Guo, Liying
Source title: Polymers
- 10. Accession number:** 20240115307526
Title: Structure and Defect Engineering of V₃S₄ – xSex Quantum Dots Confined in a Nitrogen-Doped Carbon Framework for High-Performance Sodium-Ion Storage
Authors: Liu, Baolin; Li, Yizhao; Zhang, Hongyu; Wang, Shiqiang; Song, Huijun; Yuan, Chun; Yin, Xinxin; Lu, Zhenjiang; Hu, Jindou; Xie, Jing; Cao, Yali
Source title: Small
- 11. Accession number:** 20240815616521
Title: Enabling Stable Zn Anode with PVDF/CNTs Nanocomposites Protective Layer Toward High-Performance Aqueous Zinc-Ion Batteries
Authors: Wang, Jinchang ; Peng, Jingsong ; Huang, Weifeng ; Liang, Hanqin ; Hao, Yida ; Li, Jiefei ; Chu, Haibin ; Wei, Hang ; Zhang, Yuanyuan ; Liu, Jian
Source title: Advanced Functional Materials
- 12. Accession number:** 20241315829611
Title: Manipulation of the Self-Assembly Morphology by Side-Chain Engineering of Quinoxaline-Substituted Organic Photothermal Molecules for Highly Efficient Solar-Thermal Conversion and Applications
Authors: Li, Jing ; Wang, Luoqing ; Zhang, Chenyang ; Wang, Han ; Pan, Yuyu ; Li, Shizhang ; Chen, Xian-Kai ; Jia, Tao ; Wang, Kai
Source title: Angewandte Chemie - International Edition
- 13. Accession number:** 20241215770136
Title: Synthesis of hydrophobic CuCl/LaA modified by butyltrichlorosilane towards enhanced CO adsorption under humid environment
Authors: Guo, Qiang ; Qiao, Yu ; Xiao, Yonghou ; Pan, Yi ; Li, Yushan ; Liu, Xu ; He, Gaohong
Source title: Applied Surface Science
- 14. Accession number:** 20241115746722
Title: Advancements in Synthesis Strategies and Optoelectronic Applications of Bio-Based Photosensitive Polyimides
Authors: Yu, Guangning ; Ma, Qiwen ; Chang, Hai-Yang ; Zheng, Rongrong ; Wang, Cheng ; Guo, Li-Ying
Source title: International Journal of Optics
- 15. Accession number:** 20240915643820
Title: Preparation and properties of electrochromic polyimide hybrid materials containing graphene oxide

Authors: Qi, Song-bo ; Cui, Xue ; Liu, Yu-tao ; Li, Xin ; Li, Jun-hao ; Zheng, Rong-rong ; Ruan, Xue-hua ; Wang, Cheng ; Guo, Li-ying

Source title: International Journal of Optics

16. Accession number: 20241015705617

Title: Facile construction of hierarchically porous CPO-27-Ni by mixed ligand strategy towards enhanced adsorption desulfurization from fuels

Authors: Yan, Jin ; Lu, Shengnan ; Xiao, Yonghou ; Zhao, Qidong ; An, Boxing ; Pan, Yi ; He, Gaohong

Source title: Separation and Purification Technology

17. Accession number: 20241115713266

Title: High-resolution performance of pillar[6]arene functionalized with imidazolium ionic liquids for gas chromatography

Authors: Sun, Tao ; Song, Yanli ; Zhang, YuanYuan ; Ba, Mengyi ; Li, Wen ; Cai, Zhiqiang ; Hu, Shaoqiang ; Liu, Xianming ; Zhang, Shusheng

Source title: Talanta

(十四) 化工过程自动化学院 (3 篇)

1. Accession number: 20240515470030

Title: Tunable Fano resonance for advanced sensing in graphene-based metasurface

Authors: Li, Guijun

Source title: Diamond and Related Materials

2. Accession number: 20240815582872

Title: Improved Two-Dimensional Design of Iterative Learning Predictive Functional Control for Batch Processes

Authors: Liu, Jiangfeng ; Ma, Hang ; Yang, Di

Source title: Industrial and Engineering Chemistry Research

3. Accession number: 20240915649247

Title: Model-Based 3D Gaze Estimation Using a TOF Camera

Authors: Shen, Kuanxin ; Li, Yingshun ; Guo, Zhannan ; Gao, Jintao ; Wu, Yingjian

Source title: Sensors

(十五) 化工装备学院 (5 篇)

1. **Accession number:** 20240115324076
Title: Deep learning approach for detection of unfavorable driving state based on multiple phase synchronization between multi-channel EEG signals
Authors: Chen, Jichi; Cui, Yuguo; Wang, Hong; He, Enqiu; Alhudhaif, Adi
Source title: Information Sciences
2. **Accession number:** 20240515476637
Title: Using molecular dynamics approach to investigate the effect of copper nanoparticles on the thermal behavior of the ammonia/copper coolant by focusing on aggregation time
Authors: Fan, Zhongmian; Jasim, Dheyaa J.; Mohammad Sajadi, S.; Salahshour, Soheil; Nasajpour-Esfahani, Navid; Toghraie, D.
Source title: Journal of Molecular Liquids
3. **Accession number:** 20241315828784
Title: Effect of jet cavitation on oil recovery from oily sludge
Authors: Yang, Hanshuo ; Wang, Dexi ; Jiang, Jiuchuang ; Yang, Yali ; Yu, Honglei
Source title: Chemical Engineering and Processing - Process Intensification
4. **Accession number:** 20240815609543
Title: Machine-learning-driven discovery of metal - organic framework adsorbents for hexavalent chromium removal from aqueous environments
Authors: Jiang, Mingxing ; Fu, Weiwei ; Wang, Ying ; Xu, Duanping ; Wang, Sitan
Source title: Journal of Colloid and Interface Science
5. **Accession number:** 20240815588031
Title: Comparative analysis of adaptability of open TBM small curve turning radius
Authors: Lijie, Du ; Xiaoyong, Wang ; Liying, Deng ; Yongwei, Quan ; Xiangbo, Zhao
Source title: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science

(十六) 其他: 未注明学院 (9 篇)

1. **Accession number:** 20240315388187
Title: Design and analysis of a bionic adhesion coring sampler for space unstructured surface
Authors: Cheng, Qinkun; Zhang, Wei; Zhou, Weijia; Li, Junlin; Li, Zhenxin; Yu, Tao; Wang, Bo; Wang, Shourui
Source title: Acta Astronautica
2. **Accession number:** 20240615511687
Title: Analysis of magnetostriction of oriented silicon steel under motor magnetic field
Authors: Li, Yuxiao; Li, Zhiye; Lu, Xusheng; Shao, Guangshuai; Liu, Jiabin; Pei, Ruilin
Source title: AIP Advances
3. **Accession number:** 20240715538639
Title: Effect of foam metal on dynamic response and fatigue damage of 5182 aluminium alloy clinched joints
Authors: Lei, Lei; Shi, Ye; Yan, Ming; Song, Chunyu; Zhao, Zhiqiang
Source title: Engineering Failure Analysis
4. **Accession number:** 20240315377693
Title: Industrial-scale fabrication of FeSiBC cores with balanced soft magnetic properties by transverse magnetic field annealing and mixing of carbonyl iron powder
Authors: Wang, Pu; Zhu, Zhengqu; Chai, Yunfei; Liu, Jiaqi; Yao, Wenkang; Yang, Dong; Zhang, Jiaquan
Source title: Journal of Alloys and Compounds
5. **Accession number:** 20240615495617
Title: Preparation of dual active site ionic liquids and their application in the catalytic synthesis of poly(isosorbide carbonates)
Authors: Shi, Yafei; Wang, Haiyue; Zhou, Qiao; Zheng, RongRong; Guo, Liying
Source title: New Journal of Chemistry
6. **Accession number:** 20240615531623
Title: Characteristics of laser-induced breakdown spectroscopy of liquid slag
Authors: Dong, Changyan; Yu, Hongxia; Sun, Lanxiang; Li, Yang; Liu, Xiuye; Zhou, Ping; Huang, Shaowen
Source title: Plasma Science and Technology
7. **Accession number:** 20241315801594
Title: EMD-EmLSTM: A QoS Analysis and Prediction Method for Industrial Internet of Things
Authors: Chai, Anying ; Li, Mingshi ; Yang, Haibo ; Guo, Chenyang
Source title: IEEE Internet of Things Journal
8. **Accession number:** 20240915651165
Title: Deterministic Network-Computation-Manufacturing Interaction Mechanism for AI-Driven Cyber-Physical Production Systems
Authors: Xia, Changqing ; Wang, Renjun ; Jin, Xi ; Xu, Chi ; Li, Dong ; Zeng, Peng
Source title: IEEE Internet of Things Journal
9. **Accession number:** 20241215768848
Title: Human Body Impact and Error Correction for Indoor UWB Ranging

Authors: Li, Xueping ; Gao, Yue ; Yang, Yuan ; Xiang, Wei ; Jiang, Xiaolin ; Yang, Yun ; Zhang, Xiaoling

Source title: IEEE Transactions on Consumer Electronics

二、2024 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) 机械工程学院 (4 篇)

1. Accession number: 20240315404605

Title: A Sample Repetitive Manipulation Mechanism (SRMM) for Lunar Regolith In-Situ Analysis: Design and Validation

Authors: Liu, Yi; Tang, Junyue; Liu, Yafang; Ma, Gongbo; Sun, Feng; Li, Ye; Jiang, Shengyuan

Source title: 2023 IEEE International Conference on Robotics and Biomimetics, ROBIO 2023

2. Accession number: 20240215354664

Title: Research on Improved Self-learning Method of Conveying Volume Prediction for Distribution Robot Based on Data-driven

Authors: Li, Dong; Zhang, Ke; Liu, Zijin; Huang, Yanzheng; Shi, Huaitao; Zhang, Shiyang; Sun, Weifeng; Liu, Xiangnan; Zhang, Yaxin

Source title: Proceedings of the 35th Chinese Control and Decision Conference, CCDC 2023

3. Accession number: 20241215794669

Title: A Comparison of Representative Value-based and Policy-based Deep Reinforcement Learning Algorithms in Energy Management Strategy of Fuel Cell Hybrid Vehicles

Authors: Li, Baomin; Fu, Shengxiang; Fu, Jingshun; Choi, Jongwoo; Xu, Kun; Cha, Suk Won; Zheng, Chunhua

Source title: IET Conference Proceedings

4. Accession number: 20240815606750

Title: Study of the tensile and compression processes of thin-walled composite lens rods

Authors: Zhang, Kuo; Luo, Haitao; Li, Yuxin

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

(二) 材料科学与工程学院 (1 篇)

1. **Accession number:** 20240415415636

Title: Optimization algorithm of sound absorbent performance of sintered metal fiber materials based on deep learning

Authors: Xue, Hailong; Li, Yuan; Sun, Lei; Qi, Kaiqing

Source title: Proceedings - 2023 International Conference on Electronics and Devices, Computational Science, ICEDCS 2023

(三) 电气工程学院 (80 篇)

1. **Accession number:** 20240315393600
Title: Optimal Design of No-load Characteristics of AFPM Machines Based on Improved Exact Subdomain Model
Authors: Tong, Wenming; Cai, Deyi; Wu, Shengnan
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
2. **Accession number:** 20240315393914
Title: Analytical Model for Maximum Mechanical Stress Calculation of High-Speed Interior Permanent Magnet Synchronous Motors with Modified Rotor
Authors: Li, Shiqi; Tong, Wenming; Wu, Shengnan; Tang, Renyuan
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
3. **Accession number:** 20240315393710
Title: High Speed Permanent Magnet Motor Optimization Based on Multi-fidelity Surrogate Model
Authors: Li, Yuexin; Xie, Bingchuan; Yu, Siyang; Zhang, Fengge
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
4. **Accession number:** 20240315393378
Title: The Mid-Frequency Magnetic Property Modeling of an Electrical Steel Sheet Using a Dynamic JA model Considering Magnetic Domain Energy and Fractional Derivative Operator
Authors: Lu, Xin; Zhang, Yanli; Wang, Zhen; Zhang, Dianhai
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
5. **Accession number:** 20240315393692
Title: Optimal Design of Electrical Machine Utilizing Hybrid Kernel Extreme Learning Machine Method
Authors: Wang, Qi; Ren, Ziyang; Zhang, Dianhai
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
6. **Accession number:** 20240315393502
Title: Research on Modular Stator Core Structure of Low-Speed Direct-Drive Permanent Magnet Synchronous Machines
Authors: Li, Yan; Song, Yongda; Zhang, Fengge
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
7. **Accession number:** 20240315393530
Title: Characterization of Magnetic Properties and Loss Estimation of Magnetic Materials under Service Conditions Based on Characteristic Points
Authors: Cheng, Zile; Zhang, Dianhai; Ren, Ziyang
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023

- 8. Accession number:** 20240315394394
Title: Analysis of Tension Winding of High-Speed Permanent Magnet Motor Rotor with Magnetic Sleeve
Authors: Zhao, Chen; Zhang, Yue; Zhang, Fengge; Wang, Zerun; Yu, Siyang
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
- 9. Accession number:** 20240315393802
Title: Torque Performance Optimization Design for a Dual-Stator Low-Speed High-Torque Permanent Magnet Synchronous Machine
Authors: He, Lei; Zhang, Yue; Yu, Siyang; Xu, Zhenyao; Yang, Yubo; Qi, Zhenning
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
- 10. Accession number:** 20240315393686
Title: Analysis and Integrated Design of a Series Dual Axial Flux Permanent Magnet Machine with Inner Rotor
Authors: Guo, Zhenxing; Peng, Bing; Wu, Haiying; Zhen, Dongfang
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
- 11. Accession number:** 20240315394058
Title: Characteristics Analysis of a Novel Three-Phase Tubular Linear Switched Reluctance Motor
Authors: Xu, Zhenyao; Zhang, Zhuangzhuang; Zhang, Fengge; Zhang, Yue; Lee, Dong-Hee; Ahn, Jin-Woo
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
- 12. Accession number:** 20240315393684
Title: Design and Analysis of 12/14 Hybrid Rotor Type Bearingless Switched Reluctance Motor
Authors: Xu, Zhenyao; Chen, Jindong; Zhang, Fengge; Wang, Huijun; Lee, Dong-Hee; Ahn, Jin-Woo
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
- 13. Accession number:** 20240715563877
Title: Fractional Order Dynamic Super-twisting Terminal Sliding Mode Tracking Control for Linear Motor
Authors: Zhao, Xinyu; Wang, Limei
Source title: 2023 IEEE 4th China International Youth Conference on Electrical Engineering, CIYCEE 2023
- 14. Accession number:** 20240515468829
Title: Research on Field Orientation Control Strategy with Virtual Voltage Vectors of Dual Three-phase PMSM
Authors: Li, Chaonan; Li, Yan; Guan, Xin; Wen, Cheng; Lv, Annan
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

- 15. Accession number:** 20240515468764
Title: Multi-frequency Modulation Based Cascaded Power Electronic Transformer
Authors: Hou, Bingbing; Li, Yan; Teng, Yun; Meng, Tiannan; Wang, Xiongbo
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 16. Accession number:** 20240515468754
Title: Temperature Calculation of a Large Capacity of Line Start Permanent Magnet Synchronous Motor in the Starting Process
Authors: Li, Dongming; Zhang, Bingyi; Chen, Yaqian; Liu, Zeyu; Teng, Xiaoyuan; Wu, Jiacheng; Yang, Lin
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 17. Accession number:** 20240515468625
Title: Analysis of Vibration Characteristics of Linear Induction Motors for Rail Transit Considering Active Damping Characteristics
Authors: Ma, Jianyu; Zhang, Bo
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 18. Accession number:** 20240515468666
Title: Operational Framework of Wind-Hydrogen Energy System Considering Tiered Carbon Penalty Mechanism
Authors: Han, Zijiao; Yao, Xin; Li, Chong; Yuan, Shun; Dong, Yannan; Ma, Shaohua
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 19. Accession number:** 20240515468673
Title: A Method for Calculating Hot Spot Temperature of Distribution Transformers with Foil Windings for Condition Monitoring
Authors: Zhang, Bo; Gong, Zijun; Dong, Ting
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 20. Accession number:** 20240515468796
Title: Thrust Fluctuation Suppression Method of Linear Motor Based on Mechanism-Empirical Hybrid Model
Authors: Wu, Yue; Zhang, Bo
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 21. Accession number:** 20240515468583
Title: Research on Frequency Control Strategy of Microgrid Based on Superconducting-battery Energy Storage
Authors: Liu, Yang; Li, Pengtao; Xing, Zuoxia; Han, Xingfan; Fu, Qitong; Jiang, Zhanpeng
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 22. Accession number:** 20240515468780

Title: Research on Control Strategy of Hybrid Superconducting Energy Storage Based on Adaptive Dynamic Programming

Authors: Liu, Yang; Han, Xingfan; Xing, Zuoxia; Li, Pengtao; Liu, Hengyu; Jiang, Zhanpeng

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

23. Accession number: 20240515468780

Title: Research on Control Strategy of Hybrid Superconducting Energy Storage Based on Adaptive Dynamic Programming

Authors: Liu, Yang; Han, Xingfan; Xing, Zuoxia; Li, Pengtao; Liu, Hengyu; Jiang, Zhanpeng

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

24. Accession number: 20240515468551

Title: Analysis of Electromagnetic Characteristics of High Temperature Superconducting Permanent Magnet Synchronous Motor

Authors: Wang, Junhong; Xu, Zengjin; Xing, Zuoxia; Liu, Yang; Ji, Wei

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

25. Accession number: 20240515468615

Title: Vibration Suppression Method of Permanent Magnet Motor Based on Winding Transformation

Authors: Feng, Wei; Dong, Ting; Zhang, Bo; Fu, Renjie; Zhao, Guilin

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

26. Accession number: 20240515468810

Title: Analysis of the Relationship between Zeroth-order Radial Electromagnetic Force and Torque Ripple of PMSM based on Magnetic Energy Density

Authors: Zhao, Guilin; Dong, Ting; Zhang, Bo; Fu, Renjie; Feng, Wei

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

27. Accession number: 20240515468789

Title: Vibration Modal Analysis of Constrained Operation for Permanent Magnet Synchronous Linear Motor

Authors: Fu, Ziyang; Dong, Ting; Zhang, Bo

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

28. Accession number: 20240515468765

Title: Modeling for Equivalent Thermal Conductivity of Heat Pipe Considering the Influence of Multiple Factors

Authors: Yu, Zhanyang; Hu, Xuyang; Li, Yan; Yu, Xiaoyao; Li, Jingmeng

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

29. Accession number: 20240515468827

Title: Research on Analytical Modeling of Dynamic Inductance of Electromagnetic Thermal Energy Storage System

Authors: Li, Yan; Wan, Jiaocui; Yu, Zhanyang; Wang, Mingyue; Yu, Shun

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

30. Accession number: 20240515468661

Title: Joint Estimation of SOC and SOP Method for Battery Modules Based on Electro-thermal Coupling Characteristics

Authors: Li, Jiyang; Yan, Ning; Li, Chunlai; Ma, Shaohua; Li, Xiangjun

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

31. Accession number: 20240515468653

Title: Study on Magnetic-Force Characteristics of Windings with Short-Circuit Cumulative Damage

Authors: Miao, Yuxin; Li, Yan; Wang, Xiongbo; Yu, Zhanyang; Li, Peng; Xu, Zhengyu

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

32. Accession number: 20240515468670

Title: Optimal Planning of Multi-Electrolyzer Power-to-Hydrogen(P2H) Clusters in Distribution Network

Authors: Dong, Yannan; Ma, Zhuo; Wang, Qiwei; Ma, Shaohua; Han, Zijiao

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

33. Accession number: 20240515468714

Title: Research on Fault Identification Method of Permanent Magnet Synchronous Motor based on Improved DFA

Authors: Jing, Yongteng; Chen, Qihang; Bao, Jieqiu; Yu, Zhanyang; Li, Yan

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

34. Accession number: 20240515468819

Title: Calculation of Transformer Reclosing Short Circuit Strength Considering the Influence of Remanent Magnetism

Authors: Yu, Shuai; Li, Yan; Yu, Zhanyang; Wang, Xiongbo; Li, Peng

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

35. Accession number: 20240515468616

Title: Analysis of Winding Forces in Transformer under No-Load Closing Condition Based on Field-Circuit Coupling Method

Authors: Jing, Yongteng; Chen, Chunjin; Liu, Yunting; Yu, Zhanyang; Li, Yan

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

36. Accession number: 20240515468761

Title: Research on Radial Bending Stress of Power Transformer Windings under Short-Circuit Condition

- Authors:** Wang, Xiongbo; Li, Yan; Yu, Zhanyang; Li, Peng; Xu, Zhengyu
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 37. Accession number:** 20240515468777
Title: Stress Fatigue Life Analysis of Power Transformer Windings Based on Linear Damage Theory
Authors: Wang, Xiongbo; Li, Yan; Yu, Zhanyang; Miao, Yuxin; Li, Peng; Xu, Zhengyu
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 38. Accession number:** 20240515468779
Title: Research on Digital Evaluation Technology of Power Transformer Structure State based on Dual Feature Extraction and Fuzzy Weight Fusion
Authors: Jing, Yongteng; Liu, Zitong; Liu, Yunting; Yu, Zhanyang; Li, Yan
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 39. Accession number:** 20240515468695
Title: Optimal Scheduling Method of Integrated Energy System Considering Uncertainty of Clean Energy-load
Authors: Ma, Guangchao; Yan, Ning; Li, Chong; Ma, Shaohua; Li, Xiangjun
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 40. Accession number:** 20240515468697
Title: Research on Deep Neural Network Modeling Methods for Microgrid Systems Incorporating SMES
Authors: Li, Yunlu; Wu, Bing; Yang, Junyou; Guo, Shuang; Dong, Jian
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 41. Accession number:** 20240515468634
Title: Data Driven Inertia Estimation Method Considering Node Heterogeneity in Power Systems
Authors: Ma, Guiqing; Li, Yunlu; Wang, Haixin; Yang, Junyou; Dong, Jian; Lu, Shengyang
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 42. Accession number:** 20240515468753
Title: Calculation of Transformer Short-Circuit Impedance Based on Energy Method
Authors: Wang, Mingyue; Wan, Jiaocui; Yu, Zhanyang; Li, Yan; Li, Peng; Xu, Zhengyu
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 43. Accession number:** 20240515468585
Title: Performance of Superconducting Magnetic Particle Imaging in Constructing Field Free Region
Authors: Tian, Yushen; Ma, Shaohua; Fan, Lin
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

- 44. Accession number:** 20240515468554
Title: Research on Short Circuit Strength of Transformers Considering Temperature Rise Effect
Authors: Li, Ziwei; Li, Yan; Yu, Zhanyang; Li, Jingmeng; Li, Peng
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 45. Accession number:** 20240515468580
Title: Modal - Harmonic Response Analysis of Power Transformer Winding
Authors: Ma, Mingze; Li, Yan; Yu, Zhanyang; Gao, Xiuxian; Li, Peng; Xu, Zhengyu
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 46. Accession number:** 20240515468598
Title: Impact of Power Quality in Specific Energy Consumption of PEM Water Electrolyzer
Authors: Dong, Yannan; Gao, Lei; Ma, Shaohua; Yao, Xin; Li, Xiangjun
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 47. Accession number:** 20240515468769
Title: Effect of DC Electric Field Strength on Motion Characteristics with Different Size of Bubbles
Authors: Gao, Lei; Ma, Shaohua; Cai, Zhiyuan; Yan, Ning; Liu, Zhiyuan; Wang, Fumin; Yan, Ruizhi
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 48. Accession number:** 20240515468547
Title: Study on the Effect of DC Voltage Rise Rate on Surface Flashover Characteristics of Insulation Barrier-LN₂-Bubbles Composite Systems
Authors: Gao, Lei; Cai, Zhiyuan; Ma, Shaohua; Zhang, Bo; Xiang, Bin; Liu, Zhiyuan; Wang, Fumin; Yan, Ruizhi
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 49. Accession number:** 20240515468708
Title: Cluster Selection Method for Retired Power Battery Based on Improved K-means Algorithm
Authors: Yan, Ning; Zhong, Yao; Song, Xuanlin; Liu, Jian
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 50. Accession number:** 20240515468801
Title: Active Disturbance Rejection Control for Dual Three-Phase Permanent Magnet Synchronous Motor
Authors: Du, Jingyu; Liu, Bin; Guan, Xin; Chen, Hongwei; Zhou, Chengkun; Li, Jianping
Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023
- 51. Accession number:** 20240515468568

Title: Comprehensive Application Analysis of Different Types of DC Superconducting Fault Current Limiter Based on Electric Propulsion Aircraft

Authors: Yu, Xiaolong; Junaid, Muhammad; Xiang, Bin; Gao, Lei

Source title : 2023 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2023

52. Accession number: 20240515468080

Title: Analytical Model for No-Load Rotor Bracket Loss of Axial flux Hybrid Excitation Motor based on Subdomain Method

Authors: Li, Jiansheng; Tong, Wenming; Wu, Shengnan

Source title: IEEE Student Conference on Electric Machines and Systems (SCEMS)

53. Accession number: 20240515468066

Title: Analysis of Torque Characteristics of Built-in Uneven Air Gap Permanent Magnet Synchronous Direct Drive Motor for Heavy Duty Locomotive

Authors: Ao, Pengfei; Liu, Guangwei; Mei, Tianyu; Yue, Qian; Zhang, Fengge

Source title: IEEE Student Conference on Electric Machines and Systems (SCEMS)

54. Accession number: 20240515468107

Title: Design of Cooling System for High Torque Density Permanent Magnet Synchronous Motor Based on Heat Pipe

Authors: Geng, Ruize; Liu, Guangwei; Mei, Tianyu; Yue, Qian; Zhang, Fengge

Source title: IEEE Student Conference on Electric Machines and Systems (SCEMS)

55. Accession number: 20240415449488

Title: Heat Release Simulation Research Based on Solid Heat Storage and Release Materials

Authors: Li, Wentao; Jing, Yanjun; Li, Yuan; Xing, Zuoxia; Chen, Lei

Source title: Journal of Physics: Conference Series

56. Accession number: 20240415449371

Title: Research on Park Energy System Based on Grid Connection of Renewable Energy Power Generation

Authors: Xing, Zuoxia; Gai, Min; Chen, Lei

Source title: Journal of Physics: Conference Series

57. Accession number: 20240415449484

Title: Simulation analysis of cathodic ablation under the arcing action of vacuum rotary contacts

Authors: Liu, Xiufeng; Cao, Yundong; Fu, Si

Source title: Journal of Physics: Conference Series

58. Accession number: 20240215354605

Title: Infrared and Visible Image Fusion Method Based on NSCT Combined with Guided Filtering

Authors: Song, Jianhui; Ma, Lili; Liu, Yanju; Yu, Yang

Source title: Proceedings of the 35th Chinese Control and Decision Conference, CCDC 2023

59. Accession number: 20240215354660

Title: Fast Realization of Robot 3D Simulation Based on WebGL

Authors: Zhang, Tao; Wang, Xintong; Teng, Yun; Fang, Jingzhe; Zhang, Yiqiang; Chen, Xiyu

Source title: Proceedings of the 35th Chinese Control and Decision Conference, CCDC 2023

- 60. Accession number:** 20240215354395
Title: Path-tracking of Mobile Robot Using PD-type Iterative Learning Control with Forgetting Factor
Authors: Zhang, Tao; Fang, Jingzhe; Teng, Yun; Wang, Xintong; Zhang, Yiqiang; Chen, Xiyou
Source title: Proceedings of the 35th Chinese Control and Decision Conference, CCDC 2023
- 61. Accession number:** 20240815570503
Title: Simulation Study on Electrical Life Breaking Capacity of 550kV SF6 Circuit Breaker
Authors: Song, Yunlei; Wang, Zhijun; Zhang, Hao; Li, Miaoxin; Liu, Yapei; Yao, Yongqi
Source title: 2023 13th International Conference on Power and Energy Systems, ICPEs 2023
- 62. Accession number:** 20240815570505
Title: Optimization of High Voltage and Large Capacity Circuit Breakers Based on Parallel Flow Field Calculation
Authors: Zhang, Hao; Wang, Zhijun; Song, Yunlei; Li, Miaoxin; Liu, Yapei; Yao, Yongqi
Source title: 2023 13th International Conference on Power and Energy Systems, ICPEs 2023
- 63. Accession number:** 20241015682817
Title: Research on Power Flow Optimization of New Energy AC-DC Hybrid Distribution Network Based on NSGA-II Algorithm
Authors: Jing, Kun; Wang, Jian; Li, Zifeng; Li, Ziwei
Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023
- 64. Accession number:** 20241015682665
Title: Study on Two-layer Optimization Method of Multi-energy Power Grid Considering Carbon Reduction and Consumption Reduction
Authors: Sun, Luojun; Teng, Yun; Li, Ziwei; Li, Zifeng
Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023
- 65. Accession number:** 20241015682722
Title: Novel Adjustable Potential Assessing Method of Customer Loads Based on the Clustering Algorithm of Electricity Consumption Patterns
Authors: Luo, Zhe; Cui, Jia; Yang, Zhiwei; Gao, Mingze; Hu, Zhen; Tian, Aixin
Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023
- 66. Accession number:** 20241015682220
Title: A Multi-Scenario Optimization Scheduling Strategy of Active Distribution Networks Considering Source-Load-Storage Coordination
Authors: Li, Chaoran; Cui, Jia; Yan, Zhenhong; Chu, Tianfeng; Wang, Shunjiang; Zhang, Ximing; Li, Yuanzhong
Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023
- 67. Accession number:** 20241015682773
Title: A Novel Energy Optimization Management Strategy of Interconnected Power Grid Based on Source Grid and Load Interaction

Authors: Wang, Tong; Chu, Tianfeng; Yu, Tongwei; Cui, Jia; Li, Jiafu; Zhu, Chunxiang; Tian, Aixin

Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023

68. Accession number: 20241015682224

Title: A Novel Real-time Coordinated Scheduling Method Based on Load Demand Response and Source Adjustable Ability

Authors: Yan, Zhenhong; Wang, Yihe; Wang, Xueying; Cui, Jia; Li, Jiafu; Zhang, Ximing; Li, Chaoran

Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023

69. Accession number: 20241015682644

Title: Study on New Energy AC/DC Hybrid Grid Power Flow Optimization Based on Opportunity Constraints

Authors: Liu, Tingxiang; Yang, Libin; Zhou, Wanpeng; Ma, Junxiong; Wang, Kai; Jing, Kun

Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023

70. Accession number: 20241015682657

Title: A Novel Low Carbon Economic Dispatch Strategy of Virtual Power Plants Based on Tiered Carbon Trading

Authors: Peng, Jinnan; Shi, Guijun; Cui, Jia; Jin, Yu; Ma, Jinshi; Wei, Junzhu; Hu, Zhen

Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023

71. Accession number: 20241015682696

Title: A Novel Quantitative Assessment Method for Flexibility Operation of Thermoelectric Units

Authors: Cao, Shuangpeng; Jiao, Mingcheng; Cui, Jia; Shang, Xiaodan; Zhao, Tie; Xu, Kun; Li, Chunhui

Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023

72. Accession number: 20241015682818

Title: A Novel Cogeneration Unit Optimization Strategy Considering Wind Power Consumption

Authors: Meng, Qingfeng; Cao, Shuangpeng; Cui, Jia; Wang, Peng; Xu, Kun; Li, Yuanzhong; Zhang, Lei

Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023

73. Accession number: 20241015682732

Title: Novel Power Load Pattern Recognition Algorithm Based on Unbalanced Data Clustering

Authors: Zhu, Dongyuan; Sun, Yifei; Cui, Jia; Hu, Zhen; Huang, Jingbo; Zhang, Jiahui

Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023

74. Accession number: 20241015682739

Title: Novel Optimization Strategy of Hydrogen Production System for Utilization of Abandoned Photovoltaic Power

Authors: Huang, Jingbo; Tian, Yanfeng; Peng, Jinnan; Cui, Jia; Xu, Kun; Li, Yuanzhong; Li, Chaoran

Source title: 2023 3rd International Conference on New Energy and Power Engineering, ICNEPE 2023

75. Accession number: 20240815583499

Title: Research of park scenery storage and consumption system using multi-objective optimization algorithm

Authors: Sun, Yitong; Liu, Yang; Du, Heshen; Liu, Dan; Li, Mengxin; Zhao, Xinhui

Source title: 2023 IEEE 6th International Conference on Automation, Electronics and Electrical Engineering, AUTEEE 2023

76. Accession number: 20240615507697

Title: Arc Motion Behavior During Rotary Separation of Vacuum Contacts

Authors: Zhengbo, Li; Cao, Yundong; Fu, Si

Source title: Lecture Notes in Electrical Engineering

77. Accession number: 20240615507713

Title: Level Set Method Assisted Topology Optimization of Permanent Magnet Synchronous Machine

Authors: Wu, Jiaqi; Tian, Bin; Ren, Ziyang; Zhang, Dianhai; Zhang, Yanli

Source title: Lecture Notes in Electrical Engineering

78. Accession number: 20240915630965

Title: Adsorption of SF₆/N₂ Decomposed Gas in NaA, MFI and NaZSM-5 Molecular Sieves

Authors: Ma, Fengxiang; Zu, Hongpeng; Zhang, Demin; Lin, Xin; Xu, Jianyuan; Zhao, Yue; Zhu, Feng

Source title: Lecture Notes in Electrical Engineering

79. Accession number: 20240815606896

Title: The optimization of the park comprehensive energy system based on the utility theory and thermal inertia

Authors: Cui, Jia; Wang, Run; Yin, Hongyan

Source title: Lecture Notes in Electrical Engineering

80. Accession number: 20241115744213

Title: Image detection based on the grey wolf algorithm optimization and its application in campus security

Authors: Liu, Yongchao; Liu, Xiangxin; Gao, Qi

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

(四) 信息科学与工程学院 (10 篇)

1. **Accession number:** 20240315404507
Title: Dynamic Identification for a Manipulator Model based on Stribeck Friction using the Quasi-Newton Iterative Method
Authors: Xiao, Feng; Zhang, Feilong; Han, Bing; Zhang, Hualiang
Source title: 2023 IEEE International Conference on Robotics and Biomimetics, ROBIO 2023
2. **Accession number:** 20240715555345
Title: Rumor Detection on Social Media with Crowd Intelligence and ChatGPT-Assisted Networks
Authors: Yang, Chang; Zhang, Peng; Qiao, Wenbo; Gao, Hui; Zhao, Jiaming
Source title: EMNLP 2023 - 2023 Conference on Empirical Methods in Natural Language Processing, Proceedings
3. **Accession number:** 20240415449387
Title: A Control Method for Output Voltage Stability of Proton Exchange Membrane Fuel Cells
Authors: Liang, Xiaojun; Liu, Jun; Zheng, Wei; Zhang, Tianbao
Source title: Journal of Physics: Conference Series
4. **Accession number:** 20240115299171
Title: WaRoNav: Warehouse Robot Navigation Based on Multi-view Visual-Inertial Fusion
Authors: Zhang, Yinlong; Li, Bo; Liu, Yuanhao; Liang, Wei
Source title: Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)
5. **Accession number:** 20241015682172
Title: With Fused Point Cloud Height and Intensity Information improved the Loop Closure Detection for LeGO-LOAM
Authors: Cheng, Yang; Liu, Zhenyu; Luo, Fanrui; Liu, Mingmin; Li, Xiaoyu; Zhu, Jianliang
Source title: 2023 4th International Conference on Computer Engineering and Intelligent Control, ICCEIC 2023
6. **Accession number:** 20241015705394
Title: Calibration Method of Industrial Robot Kinematic Parameters Based on Improved SSA Algorithm
Authors: Xu, Jialu; Liu, Xiaonan; Li, Pengchao; Wang, Jintao; Guo, Haibing
Source title: 2023 6th International Conference on Software Engineering and Computer Science, CSECS 2023
7. **Accession number:** 20241215794672
Title: Online Detection System for Adhesive Quality of Cigarettes Carton Based on Improved GhostNet-YOLOv4
Authors: Li, Wencan; Huang, Xuli; Lu, Zhimin; Jiang, Hua; Guo, Tianwen; Xue, Dan; Ru, Fei
Source title: IET Conference Proceedings
8. **Accession number:** 20241115746428
Title: Distributed Task Offloading for IoAV Using DDP-DQN

Authors: Peng, Xiting; Li, Wenjie; Zhang, Xiaoyu; Dong, Mianxiong; Ota, Kaoru; Song, Shun

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

9. Accession number: 20241115724601

Title: LK-TDDQN:A Lane Keeping Transfer Double Deep Q Network Framework for Autonomous Vehicles

Authors: Peng, Xiting; Liang, Jinyan; Zhang, Xiaoyu; Dong, Mianxiong; Ota, Kaoru; Bu, Xinyu

Source title: Proceedings - IEEE Global Communications Conference, GLOBECOM

10. Accession number: 20240815606219

Title: The SOC Estimation Method for Lithium Battery Based on the Combined Application of AH + EKF

Authors: Yuan, Xueqing; Zheng, Wei; junLiang, Xiao; Zhang, Tianbao

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

(五) 管理学院 (2 篇)

1. Accession number: 20240215354770

Title: Research of the path optimization for virus detection sample transfer based on the cooperation between truck and multiple drones

Authors: Han, Jing; Liu, Yanqiu

Source title: Proceedings of the 35th Chinese Control and Decision Conference, CCDC 2023

2. Accession number: 20240215354675

Title: A λ -Shapley Choquet operator-based collaborative manufacturing capability optimization model in smart fuzzy system

Authors: Tang, Qi; Wu, Baotong

Source title: Proceedings of the 35th Chinese Control and Decision Conference, CCDC 2023

(六) 理学院 (1 篇)

1. Accession number: 20241015708765

Title: Engineering research on multi-strategy improvement of the grey wolf optimizer

Authors: Ma, Mingming; Wang, Bo; Yang, Chenyan

Source title: Proceedings - 2023 11th International Conference on Information Systems and Computing Technology, ISCTech 2023

(七) 外国语学院 (1 篇)

1. **Accession number:** 20240815567599

Title: English Translation Model Based on Intelligent Recognition

Authors: Jiang, Lin; Wang, Yaguang; Shang, Feifei

Source title: 2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques, EASCT 2023

(八) 软件学院 (9 篇)

1. **Accession number:** 20240415446298
Title: Research on Surface Defect Classification Method of Hot Rolled Strip Steel Based on Comparative Learning
Authors: Zang, Xingshuai; Zhang, Shengnan; He, Yu
Source title: Proceedings of SPIE - The International Society for Optical Engineering
2. **Accession number:** 20241115737041
Title: Application of Natural Language in Intelligent Media AI Writing
Authors: Mingxuan, Zhang; Zichang, Dou; Zhengyu, Tian; Jingren, Jin; Jiahao, Chen
Source title : 2023 3rd International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2023
3. **Accession number:** 20241115737246
Title: Application of Data Mining Algorithms in College Enrollment Management
Authors: Lang, Huang; Yan, Du Ze
Source title : 2023 3rd International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2023
4. **Accession number:** 20241115737184
Title: Application of Decision Tree Classification Algorithm in College Students' Employment Guidance
Authors: Lang, Huang; Yan, Du Ze
Source title : 2023 3rd International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2023
5. **Accession number:** 20241115715832
Title: Research on multi-modal data fusion technology based on automotive spot welding process
Authors: Cong, Zhuang; Wang, Ting; Bi, Meng; Zhu, Jingyang; Zhang, Yuzheng; Xing, Pengju; Yang, Ying
Source title : 2023 3rd International Symposium on Artificial Intelligence and Intelligent Manufacturing, AIIM 2023
6. **Accession number:** 20241215788420
Title: Image Defogging Algorithm Based on Dual-Stream Skip Connections
Authors: Li, Jiabin; Yang, Deguo; Yang, Guang
Source title: 2023 5th International Conference on Frontiers Technology of Information and Computer, ICFTIC 2023
7. **Accession number:** 20241215788679
Title: A Method for Identifying Domestic Waste Based on YOLOv5
Authors: Zhang, Xiaodong; Yang, Deguo; Jia, Jingyu
Source title: 2023 5th International Conference on Frontiers Technology of Information and Computer, ICFTIC 2023
8. **Accession number:** 20241015705140
Title: Personalized learning recommendation algorithm based on test questions
Authors: Gao, Hanyang; Zhang, Shengnan

Source title: Proceedings - 2023 International Conference on Educational Knowledge and Informatization, EKI 2023

9. Accession number: 20240815596033

Title: Research on Student Target Detection Method Based on Improved YOLOv5 Network

Authors: Shang, Yongting; Shao, Zhong; Wu, Xiangxun

Source title: Proceedings - 2023 International Conference on Image Processing and Computer Vision, IPCV 2023

(九) 人工智能学院 (5 篇)

1. Accession number: 20240415419522

Title: An Iron Ore Identification Method Based on Improved Bilinear Network

Authors: Wang, Jiyang; Cui, Yang; Lv, Yiming

Source title: 2023 International Annual Conference on Complex Systems and Intelligent Science, CSIS-IAC 2023

2. Accession number: 20240415419406

Title: Event-Triggered Decentralized Guaranteed Cost Control for Interconnected Large-Scale System Using Adaptive Dynamic Programming

Authors: Shao, Zhi; Liang, Yuling; Xing, Jin; Su, Hanguang

Source title: 2023 International Annual Conference on Complex Systems and Intelligent Science, CSIS-IAC 2023

3. Accession number: 20240215354666

Title: Dynamic flexible job shop scheduling algorithm based on deep reinforcement learning

Authors: Zhao, Tianrui; Wang, Yanhong; Tan, Yuanyuan; Zhang, Jun

Source title: Proceedings of the 35th Chinese Control and Decision Conference, CCDC 2023

4. Accession number: 20241115737041

Title: Application of Natural Language in Intelligent Media AI Writing

Authors: Mingxuan, Zhang; Zichang, Dou; Zhengyu, Tian; Jingren, Jin; Jiahao, Chen

Source title: 2023 3rd International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2023

5. Accession number: 20241115724601

Title: LK-TDDQN:A Lane Keeping Transfer Double Deep Q Network Framework for Autonomous Vehicles

Authors: Peng, Xiting; Liang, Jinyan; Zhang, Xiaoyu; Dong, Mianxiong; Ota, Kaoru; Bu, Xinyu

Source title: Proceedings - IEEE Global Communications Conference, GLOBECOM

(十) 石油化工学院 (1 篇)

1. **Accession number:** 20240315401809

Title: Upgrading of Chemical Automation Technology Based on Neural Optimization Algorithm

Authors: Gan, Guoning

Source title: Proceedings - 2023 2nd International Conference on Data Analytics, Computing and Artificial Intelligence, ICDACAI 2023

(十一) 其他: 未注明学院 (12 篇)

1. **Accession number:** 20240315393838
Title: Research on Rotor Structure Safety of High-speed Permanent Magnet Motor
Authors: Li, Cao; Hu, Yan; Daolong, Shi; Liang, Zhuo; Zou, Jibin; Sun, He
Source title : 2023 26th International Conference on Electrical Machines and Systems, ICEMS 2023
2. **Accession number:** 20240715542410
Title: Accelerating Graph-Based SLAM through Data Parallelism and Mixed Precision on FPGAs
Authors: Wu, Junfeng; He, Yuan; Kondo, Masaaki
Source title : Proceedings - 2023 16th IEEE International Symposium on Embedded Multicore/Many-Core Systems-on-Chip, MCSoc 2023
3. **Accession number:** 20240315394751
Title: A Used Sailboat Pricing Problem Based on Graph Convolutional Neural Network
Authors: Xie, Zechao; Yin, Xiangxin; Zhang, Jiangyan; Xie, Zelong; Zhuang, Kaiqi
Source title : Proceedings - 2023 International Conference on Computers, Information Processing and Advanced Education, CIPAE 2023
4. **Accession number:** 20240215354416
Title: Study on steelmaking-continuous casting scheduling problem with considering limited buffer and preventive maintenance
Authors: Jin, TianYi; Tan, YuanYuan; Zhang, Jun
Source title: Proceedings of the 35th Chinese Control and Decision Conference, CCDC 2023
5. **Accession number:** 20241115729394
Title: A Superstore Vegetable Replenishment and Pricing Scheme Based on ARIMA Time Series Forecasting
Authors: Wang, Yilong; Chen, Rui
Source title: 2023 IEEE International Conference on Electrical, Automation and Computer Engineering, ICEACE 2023
6. **Accession number:** 20240815586030
Title: Analysis and application of grid size influence in air flow field simulation of high voltage circuit breaker
Authors: Li, A. Miaoxin; Wang, B. Zhijun; Zhang, C. Hao; Yao, D. Yongqi; Liu, E. Yapei; Song, F. Yunlei
Source title: 2023 IEEE Sustainable Power and Energy Conference, iSPEC 2023
7. **Accession number:** 20240915632979
Title: Effects of Insulating Paper Thickness on Space Charge Characteristics in Oil-Impregnated Paper Insulation
Authors: Fu, Si; Miao, Jinzhao; Ma, Zhihui
Source title: Lecture Notes in Electrical Engineering
8. **Accession number:** 20240215369389
Title: Study on Charge Accumulation Characteristics of Basin Insulators with Polarity Reversal
Authors: He, Xinyuan; Shi, Yan; Li, Jie; Jia, Junran; Li, Xiaolong

- Source title:** Lecture Notes in Electrical Engineering
- 9. Accession number:** 20240215369388
Title: Study on Charge Accumulation Characteristics of Tri-post Insulators Under Temperature Gradient Field
Authors: He, Xinyuan; Shi, Yan; Shi, Wei; Jia, Junran; Li, Xiaolong
Source title: Lecture Notes in Electrical Engineering
- 10. Accession number:** 20240815614456
Title: CSANet: Cross-Semantic Attention Network for Open-Set Object Recognition
Authors: Li, Yu; Sun, Gan; Liang, Wenqi; Cheng, Pengchao
Source title: Proceedings - 2023 38th Youth Academic Annual Conference of Chinese Association of Automation, YAC 2023
- 11. Accession number:** 20241115736695
Title: Dynamical system design of an air-ground amphibious individual unmanned aerial vehicle
Authors: Guo, Yongjie; Liang, Zhihong
Source title: Proceedings of SPIE - The International Society for Optical Engineering
- 12. Accession number:** 20240815607686
Title: Multi-level Supervised Vision Language Model based Steel Surface Defect Detection
Authors: Tan, Ying; Shan, Jing; Wang, Jiaying
Source title: Proceedings of SPIE - The International Society for Optical Engineering