

**2025 年第二季度
Ei Compendex 收录
沈阳工业大学论文统计**

**沈阳工业大学图书馆学科服务组
2025 年 6 月**

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2025 年 4 月 1 日至 2025 年 6 月 30 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author Affiliation”字段；
- ④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

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

联系人：常馨月 商璐

联系电话：25496607

目 录

一、 2025 年第二季度 Ei (JA) 收录各学院论文情况	2
(一) 机械工程学院 (71 篇)	3
(二) 材料科学与工程学院 (156 篇)	12
(三) 电气工程学院 (53 篇)	32
(四) 信息科学与工程学院 (33 篇)	39
(五) 管理学院 (6 篇)	43
(六) 理学院 (22 篇)	44
(七) 建筑与土木工程学院 (32 篇)	47
(八) 软件学院 (8 篇)	52
(九) 人工智能学院 (13 篇)	53
(十) 环境与化学工程学院 (25 篇)	55
(十一) 石油化工学院 (19 篇)	59
(十二) 化工过程自动化学院 (1 篇)	61
(十三) 化工装备学院 (7 篇)	62
(十四) 其他: 未注明学院 (13 篇)	63
二、 2025 年第二季度 Ei (CA) 收录各学院论文情况	65
(一) 机械工程学院 (2 篇)	65
(二) 电气工程学院 (59 篇)	66
(三) 信息科学与工程学院 (8 篇)	75
(四) 理学院 (1 篇)	76
(五) 软件学院 (5 篇)	76
(六) 人工智能学院 (17 篇)	77
(七) 化工过程自动化学院 (1 篇)	79
(八) 基础教学学院 (1 篇)	79
(九) 其他: 未注明学院 (10 篇)	80

一、2025 年第二季度 Ei（JA）收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) Accession number:EI 论文收录编号

(2) Title:论文题目

(3) Authors:作者英文姓名

(4) Source title: 论文来源

(一) 机械工程学院 (71 篇)

1. **Accession number:** 20250617817571
Title: Optimization and Interpretability Analysis of Machine Learning Methods for ZnO Colloid Particle Size Prediction
Authors: Fan, Lin ; Yu, Honglei ; He, Yan ; Guo, Jinyuan ; Min, Guangjun ; Wang, Juan
Source title: ACS Applied Nano Materials
2. **Accession number:** 20251818326810
Title: Manufacturability and Compression Performance of Ti6Al4V Alloy with Triply Periodic Minimal Surface Structures Fabricated by Selective Laser Melting
Authors: Liu, Weijun ; Gao, Zhilin ; Wang, Huiru ; Li, Wanqiu ; Bian, Hongyou ; Zhang, Kai
Source title: Advanced Engineering Materials
3. **Accession number:** 20251718274561
Title: Functional Properties of Micro - Nano Structure Surfaces Prepared by Femtosecond Laser: A Review
Authors: Li, Si ; Zhang, Kai ; Liu, Weijun ; Chen, Tianqi ; Li, Qiang ; Wang, Wei ; Bian, Hongyou
Source title: Advanced Engineering Materials
4. **Accession number:** 20250717888370
Title: Research on the Midinfrared Antireflection Performance of Disordered Porous Structures
Authors: Zhong, Bing ; Zhou, Xinbo ; Zhu, Hefa ; Xin, Wen ; Zhang, Lei ; Wang, Zhong
Source title: Advanced Engineering Materials
5. **Accession number:** 20250417732876
Title: Effect of Wall Slip on the Extrusion Characteristics of 3D Printing of Cementitious Materials
Authors: Wang, Yibo ; Yan, Ming ; Yang, Kun ; Ao, Chenyang ; Ren, Changzai
Source title: Advanced Theory and Simulations
6. **Accession number:** 20251818350414
Title: A non-contact fault diagnosis method based on multi information fusion networks for rolling bearings
Authors: Tian, Miao ; An, Wenjie ; Sun, Xianming ; Wang, Lipeng ; Chen, Changzheng
Source title: Applied Acoustics
7. **Accession number:** 20251918396408
Title: Experimental investigations into the effect of low temperature empowerment on the grooves quality of ITO conductive glass using by micro grinding
Authors: Chu, Xi ; Liu, Yin ; Sun, Xingwei ; Lu, Yuxuan ; Dong, Haosheng ; Pan, Fei ; Xu, Wei ; Yuan, Zewei ; Mu, Shibo ; Qu, Sheng
Source title: Applied Physics A: Materials Science and Processing
8. **Accession number:** 20251818331202
Title: Effect of low-temperature on the surface quality for Zr-based bulk metallic glass using by milling-grinding composite processing
Authors: Lu, Yuxuan ; Sun, Xingwei ; Liu, Yin ; Dong, Zhixu ; Yang, Heran ; Qu, Sheng ; Zhao, Hongxun ; Mu, Shibo ; Pan, Fei ; Yuan, Zewei

- Source title:** Applied Physics A: Materials Science and Processing
- 9. Accession number:** 20251518222276
Title: Research on Fault Diagnosis Method for Rotating Machinery Based on Edge Computing
Authors: Chen, Mo ; Ge, Chao ; Yang, Qirui ; Wei, Zhe
Source title: Applied Sciences (Switzerland)
- 10. Accession number:** 20252218502270
Title: Thermomechanical behavior of Ti-6Al-4V alloy via hybrid manufacturing with laser metal deposition and friction stir processing
Authors: Zhang, Kai ; Zhao, Runze ; Lv, Jifei ; Xing, Fei ; Jiang, Xingyu ; Xi, Wenchao ; Hou, Zhuangzhuang ; Liu, Weijun
Source title: Applied Thermal Engineering
- 11. Accession number:** 20251718274620
Title: A S-shaped feedrate based NURBS interpolator for synchronization of robot tool tip trajectory and attitude
Authors: Liu, Guanghui ; Tan, Fuyuan ; Zhang, Ming ; Li, Qiang ; Fang, Lijin
Source title: Asian Journal of Control
- 12. Accession number:** 20251418172184
Title: Outlines Regularization Method for Laser Cleaning Based on Grid Filling
Authors: Liu, Weijun ; Li, Qiang ; Liu, Shuai ; Zhang, Kai ; Xing, Fei
Source title: Binggong Xuebao/Acta Armamentarii
- 13. Accession number:** 20250617823348
Title: Analysis of Microstructure and Properties of GH738/K417G Alloy by Laser Deposition Repair by Aging Heat Treatment
Authors: Bian, Hongyou ; Liu, Jinsheng ; Liu, Weijun ; Zhang, Guangtai ; Yao, Jiabin ; Xing, Fei
Source title: Cailiao Daobao/Materials Reports
- 14. Accession number:** 20250317714566
Title: Finite Element Analysis of Dry Friction Wear of Al-based Composite Coatings
Authors: Wang, Huiming ; Wang, Jinlong ; Li, Yingju ; Zhang, Hongyi ; Lv, Xiaoren
Source title: Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
- 15. Accession number:** 20251718289127
Title: Effect of Post-diffusion Treatment on Microstructure and Properties of Plasma Nitriding 7Cr7Mo2V2Si Cold Work Mold Steel
Authors: Yu, Xingfu ; Xi, Keyu ; Zhang, Hongwei ; Wang, Quanzhen ; Hao, Tianci ; Zheng, Dongyue ; Su, Yong
Source title: Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
- 16. Accession number:** 20252118488622
Title: Optimization of the components and polishing performances of SiO₂ slurry containing K₂CO₃ and KH550 for UV-CMP of K9 optical glass
Authors: Qu, Sheng ; Cui, Zhijie ; Zhang, Chao ; Sun, Xingwei ; Dong, Zhixu ; Yang, Heran ; Liu, Yin ; Wang, Zixuan ; Yu, Tianbiao ; Zhao, Ji
Source title: Ceramics International
- 17. Accession number:** 20251818335523

Title: Experimental study, mechanism, and process optimization of hydrodynamic cavitation-enhanced green synthesis of nano ZnO using Eupatorium Adenophorum

Authors: Guo, Jinyuan ; Yu, Honglei ; Wang, Dexi ; Chen, Gong ; Fan, Lin

Source title: Chemical Engineering and Processing - Process Intensification

18. Accession number: 20251618251188

Title: EEG-based multi-band functional connectivity using corrected amplitude envelope correlation for identifying unfavorable driving states

Authors: Chen, Jichi ; Wang, Yujie ; Cui, Yuguo ; Wang, Hong ; Polat, Kemal ; Alenezi, Fayadh

Source title: Computer Methods in Biomechanics and Biomedical Engineering

19. Accession number: 20250717852339

Title: Research on vibration characteristics of permanent magnet synchronous motor rotor parallel eccentricity and bearing inner ring radial misalignment coupling fault

Authors: Huang, Fengchao ; Chen, Changzheng ; Wang, Zhengqi ; Fu, Hao

Source title: Electrical Engineering

20. Accession number: 20250417759378

Title: An improved energy management strategy of fuel cell hybrid vehicles based on proximal policy optimization algorithm

Authors: Li, Baomin ; Cui, Yunduan ; Xiao, Yao ; Fu, Shengxiang ; Choi, Jongwoo ; Zheng, Chunhua

Source title: Energy

21. Accession number: 20250617838236

Title: Analysis of noise characteristics of ceramic bearings rotor system in a wide temperature range

Authors: An, Wenjie ; Gu, Yanling ; Chen, Changzheng ; Zheng, Hao ; Tian, Miao

Source title: Energy

22. Accession number: 20250317682323

Title: A magnetostrictive tri-stable energy harvester utilizing a shared pre-magnetization field and analysis of its centrifugal effect

Authors: Dong, Weiwei ; Liu, Huifang ; Liang, Quan ; Ren, Teng ; Wang, Chao ; Xu, Wenkai ; Wang, Yun

Source title: Engineering Structures

23. Accession number: 20251518201090

Title: Quantitative analysis of fatigue service failure law of 5182 aluminium alloy clinched joints

Authors: Shi, Ye ; Lei, Lei ; Yan, Ming ; Song, Chunyu

Source title: Hanjie Xuebao/Transactions of the China Welding Institution

24. Accession number: 20251518203807

Title: Melt track height prediction based on online vision and artificial neural network

Authors: Miao, Liguang ; Xing, Fei ; Chai, Yuanxin ; Liu, Qi ; Sun, Feng

Source title: Hanjie Xuebao/Transactions of the China Welding Institution

25. Accession number: 20252018440582

Title: Research on Quantitative Diagnosis of Helical Gear Pitting Fault Severity Based on CycleGAN and Improved DANN

- Authors:** Yang, Na ; Liu, Jie ; Zhao, Wei-Qiang ; Ma, Hui
Source title: IEEE Transactions on Instrumentation and Measurement
- 26. Accession number:** 20251918366902
Title: Dual-Model Fusion Method Based on DBTBoost for Fault Diagnosis
Authors: Wang, Lingfeng ; Xing, Fei ; Shi, Jianjun ; Wang, Qiang
Source title: IEEE Transactions on Instrumentation and Measurement
- 27. Accession number:** 20251618247497
Title: A 1-DOF Controlled Full Levitation Hybrid Magnetic Bearing for Compact Centrifugal Kidney Pumps
Authors: Xu, Chengcheng ; Sun, Feng ; Zhang, Xiaoyou ; Jin, Junjie ; Xu, Fangchao ; Zhao, Chuan ; Lu, Wenxuan ; Wang, Yanfeng ; Ji, Zhenhua ; Zheng, Hua
Source title: IEEE Transactions on Magnetism
- 28. Accession number:** 20251718309226
Title: A Novel Resource-Efficient Magnetic Field Calculation Method and Analysis of Magnetic Load Conversion for a Multishaft Ring-Plate Magnet Gear
Authors: Liu, Dongning ; Sun, Feng ; Zhao, Chuan ; Ge, Yanjun ; Long, Wei
Source title: IEEE/ASME Transactions on Mechatronics
- 29. Accession number:** 20252118450817
Title: Adaptive Compliance Control for a Wearable Lower Limb Rehabilitation Robot Based on Online Estimation of User's Joint Stiffness
Authors: Zheng, Zhefen ; Zhou, Jie ; Xie, Chenglin ; Lyu, Yueling ; Wang, Xiaoyun ; Song, Rong ; Tong, Raymond Kai-Yu ; Hou, Zeng-Guang
Source title: IEEE/ASME Transactions on Mechatronics
- 30. Accession number:** 20251518225019
Title: Microstructure and mechanical properties of Triballoy T-800/WC composite coatings deposited on DZ125 directionally solidified alloy by laser cladding
Authors: Xu, Xiaowen ; Bian, Hongyou ; Liu, Weijun ; Xing, Fei ; Song, Boxue
Source title: Intermetallics
- 31. Accession number:** 20252218522576
Title: Comparative Study of the Tribological Properties of Diamond-Like Carbon and Nitride Coatings Deposited on 40Cr Surfaces
Authors: Nie, Rui ; Li, Zhuobiao ; Zeng, Wenfu ; Qian, Cheng ; Li, Yunlong
Source title: JOM
- 32. Accession number:** 20252118477721
Title: A Molecular Dynamics Simulation Study on Mechanical and Tribological Properties of SBR Composites Strengthened by Surface-Modified Silica
Authors: Guo, Shuguo ; Wang, Shenghan ; Zhao, Jing ; Yang, Yadi
Source title: Journal of Applied Polymer Science
- 33. Accession number:** 20251818348559
Title: Suppression of structural degradation in molybdenum-modified layered oxides for high-performance potassium-ion batteries
Authors: Chen, Hong ; Zhao, Lu-Kang ; Li, She-Dong ; Ren, Teng ; Cheng, Xue-Jiao ; Gao, Xuan-Wen ; Liu, Zhao-Meng ; Yang, Dong-Run ; Ren, Tian-Zhen ; Luo, Wen-Bin
Source title: Journal of Colloid and Interface Science

- 34. Accession number:** 20251518210646
Title: Investigation of Processing Parameters for Fabricating PVDF Piezoelectric Sensors Based on Near-Field Electrohydrodynamic Direct Writing
Authors: Sun, Chuanming ; Liu, Huifang ; Wang, Yonglin ; Shan, Guangkun ; Ren, Teng
Source title: Journal of Electronic Materials
- 35. Accession number:** 20252018440366
Title: Automatic Obstacle Avoidance Control System for Cable Crane With Error Constraints
Authors: Tong, Shenghao ; Zhao, Jinbao ; Zhou, Peng ; Zhang, Ke ; Liu, Donggang ; Long, Yanze
Source title: Journal of Field Robotics
- 36. Accession number:** 20251818350581
Title: Diamond Coating Tool for Glass-Ceramic Machining: An Experimental Investigation of Coating Types and Cutting Conditions
Authors: Zheng, Tongxiang ; Zhang, Lixiu ; Fu, Zhengwei ; Wu, Yuhou ; Lu, He ; Bai, Xu
Source title: Journal of Materials Engineering and Performance
- 37. Accession number:** 20251218097859
Title: The Influence of Deposition Parameters on the Wear Resistance of Diamond Films Prepared on Zirconia Substrates
Authors: Zheng, Tongxiang ; Zhang, Lixiu ; Cristea, Daniel ; Yan, Guangyu ; Wu, Yuhou ; Wang, He ; Lu, He ; Bai, Xu
Source title: Journal of Materials Engineering and Performance
- 38. Accession number:** 20251918381525
Title: Fault diagnosis of gear under imbalanced sample condition using improved GAN combined with vision transformer
Authors: Yang, Na ; Liu, Jie ; Ma, Hui ; Zhao, Wei-Qiang ; Gao, Yu
Source title: Journal of Mechanical Science and Technology
- 39. Accession number:** 20251818338818
Title: A comparative study of the effect of carbon nanomaterials on the thermophysical and mechanical properties of perfluoroelastomers: molecular dynamics simulation
Authors: Zhao, Jing ; Qu, Dianhong ; Jin, Shengbo ; Yang, Yadi ; Wang, Tianming
Source title: Journal of Polymer Research
- 40. Accession number:** 20251418186181
Title: Multi-objective parameter optimization for axial-radial integrated electromagnetic levitation transport device
Authors: Liu, Dongning ; Yu, Jiaqi ; Zhao, Chuan ; Sun, Feng ; Li, Siqi
Source title: Journal of Power Electronics
- 41. Accession number:** 20252018419646
Title: Enhancement and architectural optimization of polyvinylidene fluoride-based solid polymer electrolytes for advanced solid-state lithium-metal batteries
Authors: Yang, Dongbo ; Chen, Xiaoping ; Chen, Changzheng ; Chen, Weiheng ; Huang, Zhuolin ; Wang, Heyuan ; Chen, Shanshan ; Jiang, Zhongqing
Source title: Journal of Power Sources
- 42. Accession number:** 20252018436637

Title: Experimental investigations into microscale grinding characteristics of ITO conductive glass based on different temperatures

Authors: Liu, Yin ; Chu, Xi ; Sun, Xingwei ; Pan, Fei ; Zhang, Weifeng ; Dong, Haosheng ; Zhao, Hongxun ; Mu, Shibo ; Qu, Sheng ; Xu, Wei

Source title: Journal of the Brazilian Society of Mechanical Sciences and Engineering

43. Accession number: 20251318117604

Title: Effect of WC Particle Size on the Microstructure and Properties of FeCoNiCrMn High-Entropy Alloy Composite Coatings by Laser Cladding

Authors: Wang, Wenlong ; Zhang, Kai ; Liu, Weijun ; Wu, Fangfang ; Chen, Shuo ; Wang, Huiru ; Bian, Hongyou

Source title: Journal of Thermal Spray Technology

44. Accession number: 20251918388509

Title: Effect of Heat Treatment Temperature on the Microstructure and Properties of Sm₂O₃/FeCoNiCrMn High-Entropy Alloy Composite Coatings by Laser Cladding

Authors: Zhang, Kai ; Chen, Shuo ; Wang, Wenlong ; Wu, Fangfang ; Wang, Huiru ; Bian, Hongyou ; Liu, Weijun

Source title: Journal of Thermal Spray Technology

45. Accession number: 20251818358260

Title: Nonlinear behavior and dynamic characteristics of multi-supported rotor systems under the influence of coaxiality deviation

Authors: Wang, Nan ; Shi, Huaitao ; Gao, Tianhao ; Bai, Xiaotian ; Zhang, Ke ; Wu, Rongyang

Source title: JVC/Journal of Vibration and Control

46. Accession number: 20251818328314

Title: Improved Mechanical Properties of Polyurethane-Driven 4D Printing of Aluminum Oxide Ceramics

Authors: Wang, Zhaozhi ; Xin, Zhiheng ; Jiao, Zhibin ; Wu, Chenliang ; Bai, Xu

Source title: Materials

47. Accession number: 20251318133651

Title: Three-Dimensional-Printed Biomimetic Structural Ceramics with Excellent Tribological Properties

Authors: Wang, Zhaozhi ; Liu, Yajie ; Jiang, Biao ; Xin, Zhiheng ; Jiao, Zhibin

Source title: Materials

48. Accession number: 20251518224089

Title: Three-Dimensional Printing of Rigid – Flexible Ceramic – Epoxy Composites with Excellent Mechanical Properties

Authors: Wang, Zhaozhi ; Jiang, Biao ; Liu, Yajie ; Xin, Zhiheng ; Jiao, Zhibin

Source title: Materials

49. Accession number: 20252218515005

Title: Effects of laser shock peening on the microstructure and mechanical properties of coatings by laser remelting

Authors: Liu, Ao ; Jiang, Xingyu ; zhang, Kai ; Liu, Dan ; Song, Boxue ; Zhang, Ren ; Yang, Guozhe ; Liu, Weijun

Source title: Materials Today Communications

- 50. Accession number:** 20252018446499
Title: Investigation on the fracture mechanism and atomic migration law of nanoscratching graphene on silicon substrate
Authors: Zhou, Xinbo ; Yuan, Zewei ; Zhong, Bing
Source title: Materials Today Communications
- 51. Accession number:** 20251818346067
Title: Quantitative diagnosis of tooth root crack fault based on GMM and improved DANN: a transfer from simulation domain to experimental domain
Authors: Yang, Na ; Liu, Jie ; Zhao, Wei-Qiang ; Ma, Hui
Source title: Measurement Science and Technology
- 52. Accession number:** 20251318144193
Title: Mechanistic investigation of weak magnetic internal detection for hydrogen-induced stress damage in pipelines at the atomic scale
Authors: Liu, Bin ; Wu, Zi han ; Yu, Hui ; Lian, Zheng ; He, Lu yao ; Yang, Lijian
Source title: Measurement: Journal of the International Measurement Confederation
- 53. Accession number:** 20252118469263
Title: A Data-Softmax-LightGBM based fault diagnosis approach for metal additive manufacturing circulation filtration systems
Authors: Peng, Xiaojuan ; Wang, Lingfeng ; Li, Yehai ; Bao, Qiao ; Wang, Qiang
Source title: Measurement: Journal of the International Measurement Confederation
- 54. Accession number:** 20251518205703
Title: Real-time structural health monitoring based on measured and simulated data
Authors: Long, Yanze ; Chu, Shaoyang ; Zhang, Ke ; Zhou, Peng ; Shi, Huaitao ; Hu, Tianqiang
Source title: Nondestructive Testing and Evaluation
- 55. Accession number:** 20251718282700
Title: High addition content WC particle reinforced titanium matrix composites fabricated by concurrent wire powder feeding laser directed energy deposition
Authors: Wang, Chenyang ; Xing, Fei ; Xu, Guojian ; Liu, Xiangyu ; Bian, Hongyou ; Liu, Weijun
Source title: Optics and Laser Technology
- 56. Accession number:** 20251618263250
Title: Research on the rigid preparation method of flexible micro coils for flexible self powered electrical devices using laser cutting technology
Authors: Li, Wencheng ; Liu, Huifang ; Lu, Yufei ; Yin, Xiaoge ; Liang, Quan ; Ren, Teng
Source title: Optics and Laser Technology
- 57. Accession number:** 20251718293410
Title: A method of optimising the filter bandwidth of a spatially modulated full-polarisation imaging system
Authors: Dong, Zhixu ; Yang, Shu ; Sun, Mengnan ; Si, Jiashun ; Yi, Hao
Source title: Optik
- 58. Accession number:** 20251518214687

Title: Temperature-dependent tribological and interfacial properties of perfluoroelastomer nanocomposites modified with graphene nanosheets functionalized through molecular dynamics simulations

Authors: Jin, Shengbo ; Qiao, Heting ; Zhao, Jing

Source title: Polymer Composites

59. Accession number: 20251518214687

Title: Temperature-dependent tribological and interfacial properties of perfluoroelastomer nanocomposites modified with graphene nanosheets functionalized through molecular dynamics simulations

Authors: Jin, Shengbo ; Qiao, Heting ; Zhao, Jing

Source title: Polymer Composites

60. Accession number: 20251318123064

Title: CO₂ concentration effects on magnesite thermal decomposition kinetics and calcination

Authors: Gong, Ze ; Wang, Dexi ; Ma, Xueyi ; Fan, LiHua ; Li, Jiazhi ; Liu, Dajing

Source title: Reaction Kinetics, Mechanisms and Catalysis

61. Accession number: 20251818323620

Title: Lot-Streaming Workshop Scheduling with Operation Flexibility: Review and Extension

Authors: Tian, Zhiqiang ; Jiang, Xingyu ; Liu, Weijun ; Zhao, Baohai ; Liu, Shun ; Tan, Qingze ; Tian, Guangdong

Source title: Systems

62. Accession number: 20252118455655

Title: WIND TURBINE GEARBOX HEALTH STATUS ASSESSMENT BASED ON VINE COPULA BILSTM

Authors: Liu, Jie ; Cao, Jing

Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica

63. Accession number: 20251618258406

Title: STUDY ON DETECTION METHOD OF ROTOR AERODYNAMIC IMBALANCE BASED ON CONVOLUTIONAL NEURAL NETWORK

Authors: Yang, Wangchun ; Liang, Xue ; Sun, Chuanzong

Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica

64. Accession number: 20251718308089

Title: Experimental Study of Surface Roughness on Improving the Tribological Performance of Sealing Pairs in Magnetorheological Fluid Damper

Authors: Li, Shanshan ; Sun, Xingwei ; Qiao, Heting ; Zhao, Wenzeng ; Liu, Yin ; Ren, Xia

Source title: Tribology

65. Accession number: 20251318118693

Title: Nonlinear vibration and slippage characteristics analysis of full-ceramic bearings with dynamic surface waviness

Authors: Wang, Zhan ; Zhao, Rui ; Chen, Siyang ; Wang, Zinan ; Zhang, Ke ; Zhou, Peng ; Gao, Liuwang

Source title: Tribology International

66. Accession number: 20251618263525

Title: The polishing surface quality of single crystal diamond with GO green-enhanced diamond hybrid slurry and material removal mechanism analysis

Authors: Wang, Zixuan ; Hou, Xueyan ; Zhao, Ji ; Yao, Jie ; Yu, Tianbiao ; Qu, Sheng ; Zhao, Jun

Source title: Wear

67. Accession number: 20252218519109

Title: Enhanced hierarchical multi-scale feature fusion model for metal defect classification

Authors: Li, Jitong ; Liu, Jie ; Yang, Na ; Wang, Zining

Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument

68. Accession number: 20252118465504

Title: Optimization of optimal filter bandwidth for spatially modulated full polarization imaging

Authors: Dong, Zhixu ; Yang, Shu ; Guo, Renjie ; Sun, Mengnan ; Sun, Xingwei

Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument

69. Accession number: 20251618240803

Title: Research on the flux self-induced position detection method for electromagnetic shock absorber

Authors: Sun, Feng ; Li, Peiyao ; Zhou, Ran ; Wu, Liping ; Qu, Jianzhen

Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument

70. Accession number: 20252118464780

Title: A semi-active high static-low dynamic stiffness electromagnetic isolator

Authors: Zhang, Ming ; Li, Hongtao ; Cui, Haodong ; Sun, Feng ; Sun, Xingwei ; Zhou, Ran

Source title: Zhendong Gongcheng Xuebao/Journal of Vibration Engineering

71. Accession number: 20251418191632

Title: Surface Roughness Prediction for Screw Belt Grinding Based on Improved CNN

Authors: Yang, Heran ; Zhang, Peijie ; Sun, Xingwei ; Pan, Fei ; Liu, Yin

Source title: Zhongguo Jixie Gongcheng/China Mechanical Engineering

(二) 材料科学与工程学院 (156 篇)

1. **Accession number:** 20250417739879
Title: Improvement of the Thermoelectric Properties in CNT/Bi₂Te₃ Composite Films Due to Evolution of the Depletion Layer and Point Defects under the Pulse Current Field
Authors: Lan, Mingdi ; Sun, Shang ; Liu, Shiyang ; Li, Guojian ; Wang, Zhe ; Wang, Qiang
Source title: ACS Applied Materials and Interfaces
2. **Accession number:** 20251318123946
Title: Multi-Functional Mo-Ion interlayer engineering facilitates high performance aqueous zinc-ion batteries
Authors: Wang, Zihan ; Geng, Heshun ; Song, Pengcheng ; Cui, Peng ; Hu, Fang ; You, Junhua ; Zhu, Kai
Source title: Acta Materialia
3. **Accession number:** 20250717845713
Title: Copper Precipitation Behavior and Mechanical Properties of Cu-Bearing Ferritic Stainless Steel with Different Cr Addition
Authors: Li, Yifan ; Ma, Shengyao ; Zhang, Xinrui ; Xi, Tong ; Yang, Chunguang ; Zhao, Hanyu ; Yang, Ke
Source title: Acta Metallurgica Sinica (English Letters)
4. **Accession number:** 20251718281928
Title: Study on the Microstructure, Wear, and Corrosion Resistance of GH3536 Coatings Prepared by Laser-Assisted Cold Spraying
Authors: Li, Chenhao ; Guan, Jinhua ; Zheng, Li ; Yu, Boning ; Chang, Dongxu ; Zhu, Huiwen ; Wang, Meiting ; Yu, Baoyi
Source title: Advanced Engineering Materials
5. **Accession number:** 20251718281815
Title: Study on Creep Properties and Deformation Mechanisms of Novel Nickel-Based Deposited Metal
Authors: Dai, Zhiyong ; Wan, Rongchun ; Su, Yunhai ; Wang, Yingdi
Source title: Advanced Engineering Materials
6. **Accession number:** 20250217662251
Title: High-Temperature Tensile Property of High-W-Content (Nb,W) Co-Alloying TiAl-Based Alloys under Different Tensile Rates
Authors: Gao, Junchong ; Dong, Shulin ; Qu, Yingdong ; Chen, Ruirun ; Liu, Shibing ; Li, Guanglong ; Zhang, Wei ; Sulaiman, Abudurousuli
Source title: Advanced Engineering Materials
7. **Accession number:** 20251218100402
Title: Study on the Structure and Corrosion Behavior of AlCrCuFe₂NiMo_{0.2}Nb_{0.2}Ti_x High-Entropy Overlay Welding Alloys
Authors: Liang, Xuwei ; Su, Yunhai ; Yang, Taisen ; Yong, Xingping
Source title: Advanced Engineering Materials
8. **Accession number:** 20251618247742
Title: Regulating the Microstructure of Bituminous Coal-Based Carbon with Theabrownin to Enhance Its Plateau Sodium Storage Capacity

Authors: Wang, Yan ; Wang, Qing ; Guo, Peizeng ; Tong, Kaizhong ; Luo, Shaohua ; Zhang, Yahui ; Hou, Pengqing ; Yan, Shengxue ; Liu, Xin ; Guo, Jing ; Mu, Wenning

Source title: Advanced Functional Materials

9. Accession number: 20251818333701

Title: Conductive Metal – Organic Frameworks Anchoring on V₃O₇ • H₂O Nanobelts Toward High-Capacity and Long-Life Zinc-Ion Batteries

Authors: Liu, Yi ; Wang, Xiao ; Wu, Zhong-Shuai ; Cho, Young-Rae ; Wu, Xiang

Source title: Advanced Functional Materials

10. Accession number: 20251218088016

Title: Integrated High-Entropy Alloy Nanowire/Carbon Nanotube Membrane Electrode for Efficient Hydrogen Evolution in Acid Solution

Authors: Yang, Hao ; Zhang, Zichu ; Wang, Zhaoming ; Zhang, Feng ; Liu, Shaokang ; Zhang, Lili ; Shi, Chao ; Hou, Peng-Xiang ; Cheng, Hui-Ming ; Wang, Xiao ; Liu, Chang

Source title: Advanced Functional Materials

11. Accession number: 20250417749467

Title: Phosphated Electrolyte Enabling Dual Robust Electrode – Electrolyte Interfacial Reconstruction Toward Capable Zn Metal Batteries

Authors: Wang, Yuao ; Wang, Tiantian ; Cui, Penghui ; Mao, Guanchong ; Ye, Ke ; Hu, Fang ; Chen, Minghua ; Cao, Dianxue ; Zhu, Kai

Source title: Advanced Functional Materials

12. Accession number: 20250717867775

Title: Effect of Cr element on tensile mechanical properties of Al_{0.3}CoCr_xFeNi high entropy alloys by MD simulations

Authors: Li, Youzhong ; Guo, Dong ; Fan, Shichao ; Li, Zhe ; Xu, Ziqing

Source title: Applied Physics A: Materials Science and Processing

13. Accession number: 20251818327652

Title: Effect of Austenitizing on the Microstructure and Mechanical Properties of Gray Cast Iron

Authors: Zhang, Hongkui ; Lan, Yipeng ; Ju, Zhe ; Zhu, Shian ; Liu, Xinming ; Hao, Yihan ; Li, Guanglong

Source title: Applied Sciences (Switzerland)

14. Accession number: 20251818348843

Title: High entropy alloy CoCrFeNiAlMox coatings as cost-effective bifunctional catalysts for enhanced water electrolysis efficiency

Authors: Huo, Xiaoran ; Zhang, Yuanwu ; Zhong, Jinyuan ; Zhou, Ge ; Zuo, Xiaojiao ; Zhang, Nannan ; Xu, Xuelu

Source title: Applied Surface Science

15. Accession number: 20251318120500

Title: Enhancement of CuS/Fe₃O₄@MIL-100(Fe) ternary composite by co-catalyst CuS for photo-Fenton degradation of oxytetracycline hydrochloride

Authors: Liang, Xin ; Li, Laishi ; Wu, Yusheng ; Liu, Feng ; Wang, Yuzheng

Source title: Applied Surface Science

16. Accession number: 20251318143812

Title: Construction of CoNi₂S₄@Ni(OH)₂ Nanosheet Structures for Asymmetric Supercapacitors with Excellent Performance

Authors: Tong, Yongli ; Chi, Baoqian ; Jiang, Yu ; Wu, Xiang

Source title: Batteries

17. Accession number: 20251718309901

Title: Synthesis of Cathode Material Li₂FeTiO₄ for Lithium-Ion Batteries by Sol - Gel Method

Authors: Hou, Pengqing ; Sun, Qi ; Yan, Shengxue ; Li, Guanglong ; Qu, Yingdong ; Luo, Shaohua

Source title: Batteries

18. Accession number: 20251418172158

Title: Effect of Y₃Al₅O₁₂ on Microstructure and Mechanical Properties of B₄C Ceramics Prepared by Hot-press Sintering

Authors: Zhang, Wei ; Zhang, Jie

Source title: Binggong Xuebao/Acta Armamentarii

19. Accession number: 20252218507707

Title: Study on the deactivation pathway of supported Ni catalyst in fluidized-bed dry reforming of methane at high space velocity

Authors: Xu, Na ; Li, Yizheng ; Du, Jie ; Zhang, Zhanguo ; Xu, Guangwen

Source title: Carbon Resources Conversion

20. Accession number: 20251318116652

Title: Effect of trace (Bi_{0.5}Na_{0.5})TiO₃ doping on PTCR properties of BaTiO₃-based thermosensitive ceramics

Authors: Jin, Chen ; Wang, Ming Hao ; Liu, Hang ; Liu, Yong Ming ; Yang, Xin Yu ; Wang, Zhan Jie

Source title: Ceramics International

21. Accession number: 20251818348789

Title: Microstructure and tribo-corrosion behavior of TC4 composites reinforced by in situ synthesized TiC ceramics particles through laser cladding

Authors: Chen, H. ; Yu, D.T. ; Mao, J.T. ; Wu, C.L. ; Zhang, S. ; Zhang, C.H. ; Wang, Q. ; Zhang, Dan

Source title: Ceramics International

22. Accession number: 20250617812304

Title: Regulation in CMAS corrosion behavior of high entropy RE monosilicates by component design of doped RE

Authors: Li, Jiaxin ; Li, Liuyuan ; Wang, Pinchun ; Wang, Chao ; Liu, Shiyong ; Wang, Zhanjie

Source title: Ceramics International

23. Accession number: 20252118452481

Title: Cu-Content Engineering in FeCoNiCuAl High-Entropy Alloy Precursors: A Pathway to Advanced HEA-Derived Sulfide Electrocatalysts for Efficient Oxygen Evolution Reaction

Authors: Zhao, Yao ; Li, Xuanhao ; Kang, Xiaoqi ; Liu, Guangyi ; Fang, Tiehui ; You, Junhua

Source title: ChemCatChem

- 24. Accession number:** 20250117624967
Title: A Novel Anodic Heterostructure Based on Commercial 1J50 Permalloy for Urea-Assisted Water Splitting
Authors: Lin, Li ; Zhang, Hongxu ; Dai, Zhiyong ; Wan, Rongchun ; Fu, Liming ; Shan, Aidang ; Chen, Lijia
Source title: ChemCatChem
- 25. Accession number:** 20252218508668
Title: Cathode-electrolyte interface modification by electrolyte engineering for vanadium-based zinc-ion batteries
Authors: Dai, Zhiqiang ; Yang, Chengwu ; Cao, Jin ; Zhang, Xueqing ; Zhao, Yinghao ; Zhang, Dongdong ; Zhang, Xinyu ; Qin, Jiaqian
Source title: Chemical Engineering Journal
- 26. Accession number:** 20250617835362
Title: Kinetics-Boosted and Dissolution-Suppressed Molybdenum-Doped vanadium dioxide for Long-Life Zinc-Ion batteries
Authors: Zhang, Dongdong ; Yue, Yilei ; Yang, Chengwu ; Limphirat, Wanwisa ; Zhang, Xinyu ; Qin, Jiaqian ; Cao, Jin
Source title: Chemical Engineering Journal
- 27. Accession number:** 20252018427671
Title: Intrinsic flame-retardant flexible polyurethane foam based on phosphorus-containing polyol with Si-O-C segment: Simultaneously improving fire safety and mechanical property
Authors: Li, Yongjiang ; Zhang, Ailing ; Wang, Yanhui ; Fan, Donglei ; Lin, Yichao ; Liu, Jie ; Tang, Tao
Source title: Chemical Engineering Journal
- 28. Accession number:** 20251618264161
Title: Effective separation of nicotine from tobacco extract by silica gel
Authors: Lu, Pengfei ; Wu, Rongcheng ; Xu, Guangwen ; Zhang, Bin
Source title: Chemical Engineering Research and Design
- 29. Accession number:** 20250717865676
Title: First-principles investigations on the elastic properties, thermodynamic properties, electronic structures and anisotropy sound velocity of AlTi₃N, AlTi₂N, AlTi₄N₃ and Al₂Ti₃N₂ ternary nitrides
Authors: Wang, Kun ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
- 30. Accession number:** 20250717864329
Title: The influence of Zr, Hf, Ti and Sc on the lattice vibration, mechanical, tensile stress-strain, electronic and optical properties of Al₄C₃ from first-principles calculations
Authors: Zheng, Dongyu ; Wang, Kun ; Zhang, Xudong ; Wang, Feng ; Liu, Bin
Source title: Chemical Physics Letters
- 31. Accession number:** 20251618236706
Title: Effect of Al content on phase evolution, damping capacity, and mechanical properties of Al_xCrFe₃Ni medium entropy alloys
Authors: Geng, Ning-Ning ; Li, Jiang ; Zhang, Wei ; Gao, Peng ; Xiang, Qing-Chun ; Ren, Ying-Lei ; Yu, Bo ; Qiu, Ke-Qiang

- Source title:** China Foundry
- 32. Accession number:** 20252018436811
Title: Effect of deep cryogenic treatment on microstructure and mechanical properties of AlCoCrFeNi_{2.1} eutectic high-entropy alloy
Authors: Zhang, Si-Ruo ; Liu, Cheng-Hao ; Qi, Hao ; Wu, Hao-Kai ; Yang, Guang-Yu ; Tan, Ting-Shuai ; Qu, Ying-Dong ; Li, Guang-Long
Source title: China Foundry
- 33. Accession number:** 20252218522261
Title: Effect of cooling rate on solidification behavior and micro-segregation of high-alloyed wrought superalloy GH4975
Authors: Zhao, Guang-Di ; Zang, Xi-Min ; Sun, Yi-Xuan ; Yao, Xiao-Yu
Source title: China Foundry
- 34. Accession number:** 20250217664941
Title: Effect of pouring time on microstructure and mechanical properties of centrifugal cast Ti-46Al alloy tubes
Authors: Huang, Gang ; Dang, Qian ; Su, Cong-Cong ; Zhao, Jing ; Zhang, Chi ; Liu, Guo-Huai ; Wang, Zhao-Dong
Source title: China Foundry
- 35. Accession number:** 20252218510675
Title: Process and safety study of tert-butyl hydroperoxide
Authors: Yu, Dongjin ; Hao, Yuantong ; Cheng, Chunsheng ; Ming, Xu ; Hu, Jie ; Ma, Xiaohua
Source title: Chinese Journal of Chemical Engineering
- 36. Accession number:** 20250217671996
Title: Green synthesis and tunable microwave absorption properties of core-shell structure SiC@Ni/C(N) nanocomposites
Authors: Yu, Di ; Shi, Gui-Mei ; Bao, Xiu-Kun ; Shi, Fa-Nian
Source title: Colloids and Surfaces A: Physicochemical and Engineering Aspects
- 37. Accession number:** 20250617807911
Title: The Fe-N system: crystal structure prediction, phase stability, and mechanical properties
Authors: Bao, Ergen ; Zhao, Jinbin ; Gao, Qiang ; Shahid, Ijaz ; Ma, Hui ; Luo, Yixiu ; Liu, Peitao ; Sun, Yan ; Chen, Xing-Qiu
Source title: Computational Materials Science
- 38. Accession number:** 20250717884174
Title: Effect of tensile deformation on corrosion behavior of nitrogen-containing stainless steel bipolar plates in a simulated environment for proton exchange membrane fuel cells
Authors: Li, Zhuocheng ; Li, Jiashu ; Zhu, Wenxiang ; Jiao, Jingjing ; Wang, Bin ; Tian, Yong ; Yang, Xu ; Yang, Lingxu ; Liu, Huijun ; Wang, Bingxing
Source title: Corrosion Science
- 39. Accession number:** 20251318131750
Title: Study of OER performance of lanthanide porous nanocrystalline high-entropy oxide electrocatalysts
Authors: Yi, Baolin ; You, Junhua ; Zhao, Yao ; Liu, Guangyi ; Zhang, Jie

- Source title:** CrystEngComm
- 40. Accession number:** 20251418184710
Title: A d-glucosamine hydrochloride regulated solvation structure for long life aqueous zinc batteries
Authors: Zhou, Xiaotong ; Zhao, Chunru ; Liu, Zizhao ; Wu, Xiang
Source title: CrystEngComm
- 41. Accession number:** 20252218502247
Title: Effect of temperature on NaCl migration properties within nano-channels of graphene, graphene oxide, and nano-silica modified cementitious composites: A molecular dynamics study
Authors: He, Jianlin ; Zhang, Chunwei
Source title: Diamond and Related Materials
- 42. Accession number:** 20250417758890
Title: Wear resistance of electro-brush plated Ni/diamond nanocomposite coatings
Authors: Gao, Meiyu ; Pei, Zhiliang ; Song, Guihong ; Liu, Zhiyang ; Gu, Wenshuang ; Gong, Jun
Source title: Diamond and Related Materials
- 43. Accession number:** 20252018421478
Title: Trace Fe-substitution P2-type $\text{Na}_{0.75}\text{Mn}_{0.67}\text{Ni}_{0.33}\text{O}_2$ with improved reversible capacity and kinetics for sodium-ion batteries
Authors: Cui, Jing ; Li, Ranran ; Li, Zhaojin ; Zhang, Di ; Wu, Yusheng ; Wang, Bo
Source title: Electrochimica Acta
- 44. Accession number:** 20250617838655
Title: Constructing a gradient soft-coupled SEI film using a dilute ternary electrolyte system towards high-performance zinc-ion batteries with wide temperature stability
Authors: Wang, Tiantian ; Wang, Yuao ; Cui, Peng ; Geng, Heshun ; Wu, Yusheng ; Hu, Fang ; You, Junhua ; Zhu, Kai
Source title: Energy and Environmental Science
- 45. Accession number:** 20251818351952
Title: Porous Fe-Doped $\text{Ni}_3\text{P}/\text{CoP}_3$ Isomerism as High Durable Electrocatalyst for Generation of Hydrogen and Oxygen
Authors: Liu, Xingyu ; Zhang, Weichao ; Wu, Xiang ; Cho, Young-Rae
Source title: Energy Material Advances
- 46. Accession number:** 20251918401594
Title: Study of hot tearing susceptibility and crack arrest mechanism of Mg-Y-Ni alloys containing LPSO structure
Authors: Wei, Ziqi ; Yang, Siyuan ; Gu, Huiyuan ; Zhou, Le ; Wang, Zhi ; Mu, Weipeng ; Wang, Feng ; Mao, Pingli
Source title: Engineering Failure Analysis
- 47. Accession number:** 20250517802191
Title: Microstructure evolution, corrosion and corrosive wear properties of NbC-reinforced FeNiCoCr-based high entropy alloys coatings fabricated by laser cladding
Authors: Wu, H. ; Wang, Z.Y. ; Wang, M.S. ; Wang, R. ; Zhang, S. ; Zhang, C.H. ; Wu, C.L. ; Chen, H.T. ; Chen, J.
Source title: Engineering Failure Analysis

- 48. Accession number:** 20250417769804
Title: Construction of multifunctionally integrated catalyst via a self-assembly strategy for efficient CO₂ cycloaddition
Authors: Wei, Wensheng ; Wang, Yuxin ; Xu, Guangwen ; Zhao, Jinggang ; Shi, Lei
Source title: Fuel
- 49. Accession number:** 20250417769942
Title: Numerical simulation of mixing performance of composite phyllotaxy microfluidic channel
Authors: Zhang, Weiye ; Zhu, Xiaowu ; Luo, Yonghao ; Wang, Zhi
Source title: Huagong Jinzhan/Chemical Industry and Engineering Progress
- 50. Accession number:** 20251618273055
Title: Toward highly durable aqueous zinc ion batteries: a review of MOFs/MOF-derived cathode materials
Authors: Liu, Yi ; Wu, Xiang ; Bando, Yoshio
Source title: Inorganic Chemistry Frontiers
- 51. Accession number:** 20251718304883
Title: Low cycle fatigue behaviors and deformation mechanisms of the [011] oriented fourth-generation Nickel-based single crystal superalloy at 1000 °C
Authors: Huo, Shida ; Dai, Yuhang ; Wang, Xinguang ; Tan, Zihao ; Liang, Zhaoyang ; Liu, Yanfei ; Li, Yongmei ; Tao, Xipeng ; Tao, Yan ; Zhang, Chunhua ; Zhang, Song ; Li, Jinguo ; Zhou, Yizhou ; Sun, Xiaofeng
Source title: Intermetallics
- 52. Accession number:** 20251618246683
Title: Thermophysical properties and CMAS corrosion resistance of a novel high-entropy RE monosilicate as T/EBC materials
Authors: He, Qungong ; Zhang, Qiongyuan ; Wang, Chao ; Huang, Yu ; He, Bing ; Wang, Haiyang ; Wu, Yusheng
Source title: International Journal of Applied Ceramic Technology
- 53. Accession number:** 20251518204914
Title: An assessment of thermal shock resistance of AlCoCrFeNi/7YSZ thermal barrier coating
Authors: Zhang, Xiao ; Zhang, Hanfang ; Zhang, Nannan ; Deng, Chunming ; Wang, Chao
Source title: International Journal of Applied Ceramic Technology
- 54. Accession number:** 20251318125940
Title: CoMo-LDHs two-dimensional nanosheets grown in BiVO₄ and enhanced photoelectrochemical water oxidation
Authors: Jing, Mingyu ; Wang, Yuzheng ; Shi, Guimei ; Li, Laishi ; Wu, Yusheng ; Liu, Feng ; Guo, Anbang ; Yi, Hongyan
Source title: International Journal of Hydrogen Energy
- 55. Accession number:** 20251818330365
Title: Dynamic mechanical behaviors and cracking mechanisms of non-straight flaws in tuff
Authors: Sun, Gang ; Wang, Junxiang ; Tian, Jieru ; Han, Ruibin ; Ba, Jinlu ; Wang, Hao ; Yu, Haiyue
Source title: International Journal of Mechanical Sciences

- 56. Accession number:** 20252018445137
Title: Effect of Deep Cryogenic Treatment on Microstructure and Properties of Over-Aged Al – Cu – Mg – Ag Alloy
Authors: Liu, Jingwen ; Lang, Jia ; Su, Ruiming ; Li, Guanglong
Source title: International Journal of Metalcasting
- 57. Accession number:** 20251918367951
Title: Effects of Mg/Si Ratio on Hot Tearing Susceptibility of Al – xMg – (3–x)Si Alloys
Authors: Du, Xudong ; Zhou, Le ; Xu, Zhenyao ; Wang, Feng ; Chen, Yongqiang ; Wang, Zhi
Source title: International Journal of Metalcasting
- 58. Accession number:** 20251418185724
Title: Research on the Modification Process of Ester-Hardened Alkaline Phenolic Resin
Authors: Li, Yaxue ; Liu, Weihua ; Zhang, Jingkai ; Song, Lai ; Li, Kai
Source title: International Journal of Metalcasting
- 59. Accession number:** 20251518206261
Title: Study on the Effects and Mechanism of Multi-particle Size Hybrid Alumina Particles on the Strength, Water Solubility, and Cracking Tendency of NaCl – Na₂CO₃ Binary Salt Cores
Authors: Li, Yang ; Song, Lai ; Liu, Weihua ; Cui, Wei ; Zhang, Jingkai ; Yang, Yandong ; Li, Jungang ; Chen, Guangyu
Source title: International Journal of Metalcasting
- 60. Accession number:** 20252218521471
Title: Preparation of the Heavy Section Ferritic Ductile Iron and Influence of Sb Element
Authors: Jin, Shuo ; Zhang, Wei ; Qu, Yingdong ; Zhang, Hongkui ; Yang, Guangyu ; Tan, Tingshuai ; Li, Guanglong
Source title: International Journal of Metalcasting
- 61. Accession number:** 20251318147429
Title: Multiple impacts of trace Tb addition on the secondary recrystallization and magnetostriction of Fe-Ga thin sheet
Authors: Liu, Jiande ; He, Zhenghua ; Sha, Yuhui ; Zhu, Xiaofei ; Hao, Hongbo ; Chen, Lijia ; Zuo, Liang
Source title: International Journal of Minerals, Metallurgy and Materials
- 62. Accession number:** 20252018411443
Title: Preparation and Mechanical Properties of Muck-Iron Ore Tailings Foamed Lightweight Soil
Authors: Zhong, Mingyang ; Zhang, Jingyu ; Ning, Baokuan ; Cui, Taotao ; Shi, Xinxin ; Cui, Tong
Source title: International Journal of Pavement Research and Technology
- 63. Accession number:** 20251918362411
Title: Viscosity and electrical conductivity of CaF₂-CaO-Al₂O₃-MgO-Ce₂O₃ electros slag remelting slag
Authors: Yu, Zhi-Bo ; Xu, Si-Yang ; An, Ling-Zi ; Zang, Xi-Min ; Chen, Yu-Xin ; Li, Shi-Sen ; Yang, Jie ; Kong, Ling-Zhong
Source title: Ironmaking and Steelmaking
- 64. Accession number:** 20251918362475

Title: Effect of B₂O₃ on structure of CaO - Al₂O₃ - CaF₂ - B₂O₃ molten slag using molecular dynamics simulation

Authors: Xu, Zhaolong ; Zhang, Yongjiao ; Chi, Yunguang ; Yang, Jie ; Zang, Ximin ; Kong, Lingzhong

Source title: Ironmaking and Steelmaking

65. Accession number: 20251518221238

Title: Study on Integrated Hot Processing Map of Ti-3Mo-6Cr-3Al-3Sn Titanium Alloy Based on Different Flow Instability Criteria

Authors: Liu, Xuejia ; Zhang, Haoyu ; Zhang, Yanxiang ; Wang, Yang ; Fang, Feng

Source title: JOM

66. Accession number: 20251618252448

Title: Plasma-sprayed porous high-entropy alloy coatings as cost-effective and durable catalysts for efficient alkaline water splitting

Authors: Huo, Xiaoran ; Zhang, Yuanwu ; Zhou, Ge ; Zhong, Jinyuan ; Zuo, Xiaojiao ; Zhang, Nannan ; Xu, Xuelu

Source title: Journal of Alloys and Compounds

67. Accession number: 20252118463727

Title: Effects of polarization potential on the passive film properties of CoCrFeNi high-entropy alloy

Authors: Xing, Bowei ; Jin, Bingqian ; Zhang, Xingye ; Xu, Xuelu ; Zhang, Nannan ; Zuo, Xiaojiao

Source title: Journal of Alloys and Compounds

68. Accession number: 20252118479708

Title: The effect of multi-stage aging treatment on the microstructure and properties of 7075 aluminum alloy

Authors: Li, Kunze ; Liu, Kun ; Su, Ruiming ; Li, Guanglong ; Qu, Yingdong

Source title: Journal of Alloys and Compounds

69. Accession number: 20251618247147

Title: Effect of copper on the microstructure and fracture toughness of heavy -section pearlitic ductile iron

Authors: Xu, Wendong ; Zhang, Wei ; Liu, Xinming ; Qu, Yingdong ; Hao, Yihan ; Liu, Sheng ; Li, Guanglong

Source title: Journal of Alloys and Compounds

70. Accession number: 20252018414869

Title: High strain rate deformation mechanism of extruded WE43 magnesium alloy at room temperature and 400 ° C

Authors: Jin, Zhongmeihui ; Mao, Pingli ; Lu, Pengrui ; Wei, Ziqi ; Zhou, Le ; Wang, Zhi ; Wang, Feng ; Liu, Zheng

Source title: Journal of Alloys and Compounds

71. Accession number: 20251618263482

Title: Detwinning behavior of TA2 pure titanium during in-situ tensile

Authors: Wang, Pengyu ; Mao, Pingli ; Wei, Ziqi ; Zhou, Le ; Wang, Zhi ; Wang, Feng ; Yi, Haowei ; Liu, Zheng

Source title: Journal of Alloys and Compounds

- 72. Accession number:** 20251918389258
Title: Effect orientation and phase composition in Bi₂Te₃ films to enhance power factor by high magnetic field treatment
Authors: Lan, Mingdi ; Li, Guojian ; Liu, Shiyong ; Wang, Qiang
Source title: Journal of Alloys and Compounds
- 73. Accession number:** 20251918401165
Title: Double-layer carbon encapsulated with iron-doped cobalt hydroxide on Cu₂O for high-performance supercapacitor anode
Authors: You, Junhua ; Hu, Zhihua ; Liu, Lili ; Zhao, Yao ; Zhang, Jie ; Guo, Rui ; Wang, Jian
Source title: Journal of Alloys and Compounds
- 74. Accession number:** 20251918373587
Title: Microstructural evolution and softening mechanism of Al_{0.1}TiZrTa_{0.7}NbMo refractory high-entropy alloy during hot deformation
Authors: Shen, Xiangyang ; Liu, Feng ; Guan, Jinyuan ; Guo, Zhihe ; Liu, Chao ; Dong, Fuyu ; Zhang, Yue ; Wang, Binbin ; Luo, Liangshun ; Su, Yanqing ; Cheng, Jun ; Yuan, Xiaoguang ; Liaw, Peter K.
Source title: Journal of Alloys and Compounds
- 75. Accession number:** 20251618263128
Title: Hot deformation flow behavior of the Cu-9Ni-6Sn alloy based on the analysis of physical modeling and microstructures characterization
Authors: Xu, Siyang ; Wei, Jiaqi ; Zang, Ximin ; Cao, Dongdong ; Jiang, Yifu ; Zhang, Muxin ; Li, Peng ; Zhang, Junjia ; Yan, Ziwen ; Liu, Tongyu ; Ding, Hua
Source title: Journal of Alloys and Compounds
- 76. Accession number:** 20251518205754
Title: Enhancing the Performance of Flexible Polyimide Aerogels by Structural Tuning via Freeze-Drying and Water-Soluble Crosslinker Design
Authors: Zhao, Yuzhuo ; Hua, Xia ; Qin, Yifan ; Tang, Tao ; Liu, Jie ; Zhang, Wenzheng ; Liang, Bing ; Li, Sanxi
Source title: Journal of Applied Polymer Science
- 77. Accession number:** 20251718294759
Title: Effect of nano- and micron-materials on the thermal properties behavior in wet environments and heat transfer mechanism of foam concrete
Authors: Dong, Kaihe ; Chen, Sili ; Liu, Jianping ; Shi, Xinxin ; Zhang, Jingyu ; Meng, Jinzhu
Source title: Journal of Building Engineering
- 78. Accession number:** 20251718281268
Title: Hydrophobic Imidazole-Based Ionic Liquids for Efficient Extraction of Furfural from Wood Pulp Waste Liquor: Extraction Study and Mechanism Analysis
Authors: Wang, Yue ; Wang, Xiaohe ; Wang, Saisai ; Zhao, JiaWei ; Wu, Yang ; Zhang, Tao ; Zhang, Zhigang ; Li, Wenxiu
Source title: Journal of Chemical and Engineering Data
- 79. Accession number:** 20252118465953

Title: Cu doped VO₂ cathode materials for ultra-stable and high-performance aqueous zinc-ion batteries

Authors: Wang, Zihan ; Chang, Mengwei ; Geng, Heshun ; Cui, Peng ; Song, Pengcheng ; Hu, Fang ; You, Junhua ; Zhu, Kai

Source title: Journal of Electroanalytical Chemistry

80. Accession number: 20251418182929

Title: Ultrahigh nickel cathode with microstructural refinement and intergranular coating for high-energy Li-ion batteries

Authors: Xu, Jingsheng ; You, Junhua ; Wu, Yusheng ; Zheng, Runguo ; Sun, Hongyu ; Liu, Yanguo ; Liu, Sha ; Wang, Zhiyuan

Source title: Journal of Energy Chemistry

81. Accession number: 20251918378946

Title: High-entropy oxides as promising electrocatalysts for oxygen evolution reaction: A review

Authors: Zhang, Jie ; You, Junhua ; Zhao, Yao ; Liu, Tong

Source title: Journal of Environmental Chemical Engineering

82. Accession number: 20252118483103

Title: Construction of charge transport channels and strong interfacial electric fields in BiVO₄/Cu₂O Type-II heterojunction for enhanced piezo-photocatalytic performance

Authors: Cheng, Ying ; Yu, Tao ; Lei, Xuefei ; Li, Jinsheng ; You, Junhua ; Liu, Xuanwen ; Guo, Rui

Source title: Journal of Environmental Chemical Engineering

83. Accession number: 20251918378757

Title: Effect of element Ce on the strain rate sensitivity of Mg-Zn-Zr alloy

Authors: Xu, Chenkun ; Wang, Zhi ; Zhou, Le ; Wang, Feng ; Wei, Ziqi ; Mao, Pingli

Source title: Journal of Magnesium and Alloys

84. Accession number: 20251418158967

Title: The influence of heat-treatment on regulating the content and morphology of LPSO phase in Mg-Y-Al alloy and its strengthening mechanism at room temperature

Authors: Ren, Qianlong ; Mi, Jie ; Wang, Jinhui ; Liang, Shengquan ; Feng, Yunzhao

Source title: Journal of Magnesium and Alloys

85. Accession number: 20251418177264

Title: How the balance between *CO and *H intermediates in dual atom catalysts boosts selectivity for hydrocarbons

Authors: Yu, Tao ; Li, Xiang ; Liu, Xiaomao ; Li, Jinsheng ; You, Junhua ; Liu, Xuanwen ; Guo, Rui

Source title: Journal of Materials Chemistry A

86. Accession number: 20252218517986

Title: Corrosion Resistance Analysis of AlCrCuFe₂NiTi_x High-Entropy Alloy Deposited Metal in NO₃²⁻ Root Molten Salt

Authors: Zhang, Guiqing ; Xing, Cunzhen ; Qiang, Jihou ; Kang, Xiaoqi ; Su, Yunhai

Source title: Journal of Materials Engineering and Performance

87. Accession number: 20251918388439

Title: Effect of Retrogression and Re-thermomechanical Treatment on Microstructure and Properties of 7075 Aluminum Alloy

Authors: Wu, Xiaocui ; Liu, Changjun ; Li, Haoyi ; Niu, Yong ; Zou, Ting ; Liu, Tianyu ; Su, Ruiming

Source title: Journal of Materials Engineering and Performance

88. Accession number: 20251418166115

Title: Microstructure Evolution and High-Temperature Fracture Toughness of Al_{0.3}CrFeNiCu_{1.5}Mox (x = 0,0.1,0.2,0.3) High-Entropy Alloys

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

Source title: Journal of Materials Engineering and Performance

89. Accession number: 20251418162365

Title: Effect of Tempering Temperature on Microstructure and Mechanical Properties of Ti-Zr Deoxidized Ship Plate Steel

Authors: Ma, Zi-Fan ; Wang, Xin ; Li, Guang-Quan ; Liu, Guo-Dong ; Zhang, Nan-Nan ; Wang, Chao ; Zuo, Xiao-Jiao

Source title: Journal of Materials Engineering and Performance

90. Accession number: 20251818339494

Title: Effect of Ag on the Microstructure and Mechanical Properties of Mg-6.5Gd-5.6Y-0.1Nd-0.01Ce-0.4Zr Alloy

Authors: Guo, Shuang ; Wang, Xizao ; Luo, Tianjiao ; Li, Yingju ; Feng, Xiaohui ; Huang, Qiuyan ; Zheng, Ce ; Zhu, Cheng ; Yang, Yuansheng ; Li, Weirong ; Li, Feng

Source title: Journal of Materials Engineering and Performance

91. Accession number: 20251318123070

Title: Study on Influence of Torsion Turns on Microstructure Evolution and Mechanical Properties in an AZ80 Magnesium Alloy Processed by High-Pressure Torsion

Authors: Xu, Siyang ; Wang, Kai ; Zang, Ximin ; An, Lingzi ; Jiang, Yifu ; Li, Zhuoliang ; Wei, Jiaqi ; Cao, Dongdong ; Zhang, Yue ; Sun, Shenghui ; Liu, Tongyu ; Ding, Hua

Source title: Journal of Materials Engineering and Performance

92. Accession number: 20252018410592

Title: Corrigendum to 'Construction and application of a multi-field coupling model for evaluating the hot tearing susceptibility of magnesium alloys under rotating magnetic field'

Authors: Bai, Shengwei ; Wang, Feng ; Du, Xudong ; Wang, Zhi ; Zhou, Le ; Mao, Pingli ; Wei, Ziqi ; Li, Jinwei

Source title: Journal of Materials Processing Technology

93. Accession number: 20251918364998

Title: Construction and application of a multi-field coupling model for evaluating the hot tearing susceptibility of magnesium alloys under rotating magnetic field

Authors: Bai, Shengwei ; Wang, Feng ; Du, Xudong ; Wang, Zhi ; Zhou, Le ; Mao, Pingli ; Wei, Ziqi ; Li, Jinwei

Source title: Journal of Materials Processing Technology

94. Accession number: 20251818348304

Title: Selection of a better strip for feeding into high-alloy stainless steel 654SMO: A promising technology to improve solidification structure

Authors: Zhang, Shucai ; Geng, Yifeng ; Li, Huabing ; Zang, Ximin ; An, Shengcheng ; Jiang, Zhouhua ; Feng, Hao ; Zhu, Hongchun ; Lu, Pengchong

Source title: Journal of Materials Processing Technology

95. Accession number: 20252018408699

Title: Damage behavior and microscopic simulation of limestone under dissolution and cyclic loads

Authors: Meng, Jinzhu ; Wang, Junxiang ; Chen, Sili ; Li, Xinran ; Zhang, Jingyu ; Sun, Gang

Source title: Journal of Materials Science

96. Accession number: 20251518191989

Title: Enhanced tensile creep property at 700 ° C and microstructure evolution of Ti60 alloy rolled sheet induced by solution-aging treatment

Authors: Gong, Zhen ; Dong, Shulin ; Chen, Zhiyong ; Qu, Yingdong ; Chen, Ruirun ; Li, Guanglong ; Zhang, Wei

Source title: Journal of Materials Science

97. Accession number: 20252018435738

Title: Establishing a quantitative relationship between processing, microstructure, and formability in Ni47Ti33Hf20 shape memory alloy through multivariate decision tree optimization

Authors: Wang, Wenjingzi ; Zhou, Ge ; Zhang, Haoyu ; Zhang, Siqian ; Zhang, Nannan ; Chen, Lijia ; Liaw, Peter K.

Source title: Journal of Materials Science and Technology

98. Accession number: 20251918389953

Title: Local strain fluctuations enable sluggish martensitic transformation in additively manufactured NiTi alloys with $\langle 001 \rangle$ growth texture under tensile loading

Authors: Wang, Binbin ; Li, Binqiang ; Yang, Yong ; Wang, Liang ; Su, Baoxian ; Dong, Fuyu ; Su, Yanqing

Source title: Journal of Materials Science and Technology

99. Accession number: 20251818323066

Title: A strategy for integrally improving the solidification and hot-working qualities of S32654 stainless steel: Feeding Ce-bearing steel strip

Authors: Zhang, Shucai ; Yu, Jiangtao ; Geng, Yifeng ; Li, Huabing ; Zhang, Binbin ; Zang, Ximin ; Jiang, Zhouhua ; Feng, Hao ; Zhu, Hongchun

Source title: Journal of Materials Science and Technology

100. Accession number: 20251318146636

Title: Thermoelectric Properties of Flexible Bi-Sb-Mn Films and Output Power of the Generator

Authors: Ben, Zhihao ; Song, Guihong ; Peng, Lijing ; Wu, Yusheng ; You, Junhua

Source title: Journal of Physical Chemistry C

101. Accession number: 20252018421159

Title: Dual oxygen-constraining strategy for enhancing high-temperature operating stability of ultrahigh Ni cathodes

Authors: Xu, Jingsheng ; You, Junhua ; Wu, Yusheng ; Zheng, Runguo ; Sun, Hongyu ; Liu, Yanguo ; Wang, Zhiyuan

Source title: Journal of Power Sources

- 102. Accession number:** 20252218516209
Title: Anionic doped boosting the kinetics and stability of $\text{NH}_4\text{V}_4\text{O}_{10}$ for Zn ion batteries
Authors: Geng, Heshun ; Wang, Tiantian ; Wang, Zihan ; Cui, Peng ; Song, PengCheng ; Hu, Fang ; You, Junhua ; Zhu, Kai
Source title: Journal of Power Sources
- 103. Accession number:** 20251618250362
Title: K-doped $\text{Li}_2\text{FeTiO}_4$ cathode with enhanced structural stability for lithium-ion batteries
Authors: Hou, Peng-Qing ; Qu, Yingdong ; Huang, Rui ; Tian, Xinru ; Li, Guanglong ; Luo, Shaohua
Source title: Journal of Solid State Electrochemistry
- 104. Accession number:** 20251918398730
Title: High energy storage performance in $(\text{Ag}_{0.94}\text{La}_{0.02})(\text{Nb}_{0.85}\text{Ta}_{0.15})\text{O}_3$ -modified BNT-based ceramics at lower electric field
Authors: Zhang, Zhiqiang ; Zhang, Fan ; Niu, Yiwen ; Li, Meiyue ; Liu, Jihang ; Wang, Zhan Jie
Source title: Journal of the American Ceramic Society
- 105. Accession number:** 20251318113213
Title: Progress of 3D Graphene-Based Electrocatalytic Oxygen Evolution Reaction Catalysts
Authors: Liu, Tong ; You, Junhua ; Zhao, Yao ; Zhang, Jie ; Wang, Jian
Source title: Langmuir
- 106. Accession number:** 20251818328314
Title: Improved Mechanical Properties of Polyurethane-Driven 4D Printing of Aluminum Oxide Ceramics
Authors: Wang, Zhaozhi ; Xin, Zhiheng ; Jiao, Zhibin ; Wu, Chenliang ; Bai, Xu
Source title: Materials
- 107. Accession number:** 20252218525100
Title: Modulating Heat Input to Optimize Corrosion Resistance of Nickel - Aluminum Bronze Manufactured by Cold Metal Transfer Additive Manufacturing
Authors: Huo, Renjie ; Wang, Zheyang ; Wang, Mingsheng ; Wang, Rui ; Zhang, Song ; Zhang, Chunhua ; Wu, Chenliang ; Chen, Haitao ; Chen, Jiang
Source title: Materials
- 108. Accession number:** 20251518224982
Title: Quasi-in-situ EBSD study on tensile twinning activity caused by dynamic loading for extrusion-shear ZCW610 alloy
Authors: Wang, Jingzhe ; Wang, Zhi ; He, Zhihang ; Zhou, Le ; Wang, Feng ; Wei, Ziqi ; Mao, Pingli
Source title: Materials Characterization
- 109. Accession number:** 20251618252832
Title: Normalizing temperature dependence on microstructure, mechanical and wear properties of a novel high- vanadium high-speed steel
Authors: Wang, Dingchen ; Tao, Xipeng ; Wang, Xinguang ; Zhang, Rui ; Zhou, Zijian ; Zhang, Song ; Zhang, Chunhua ; Sun, Xiaofeng ; Zhou, Yizhou ; Cui, Chuanyong
Source title: Materials Characterization
- 110. Accession number:** 20252018414607

Title: Hot corrosion behaviour of second-phase particle-reinforced high-Mn austenitic heat-resistant steel in molten Na₂SO₄ at 1173 K

Authors: Wang, Yichu ; Liu, Hui ; Luo, Zhichao ; Sun, Liying ; Zhumaev, Akhmadjon Abduvokhidovich ; Liu, Tianlong ; Mansurov, Yulbarskhon Nabievich ; Zheng, Kaihong ; Yin, Fuxing

Source title: Materials Characterization

111. Accession number: 20252218514586

Title: Porous 3D boron nitride meteorite as an efficient and reusable adsorbent for antibiotic removal

Authors: Zhang, Shihao ; Wang, Junran ; Wang, Yanqing ; Liu, Feng ; Ding, Lei ; Qi, Jingjing ; Wang, Yuzheng ; Wu, Yuhan ; Li, Laishi ; Wu, Yusheng

Source title: Materials Letters

112. Accession number: 20251518208613

Title: The phase ratio and thermal conductivity of TiVZrNbFe high entropy alloy were optimized by C doping to improve its hydrogen storage performance

Authors: Wang, Sibao ; Zhang, Hongkui ; Wen, Zhen ; Li, Yue ; Zhang, Tong ; Qu, Yingdong ; Li, Guanglong

Source title: Materials Research Bulletin

113. Accession number: 20251818323002

Title: Enhancing mechanical properties of IN718 through promoted intragranular γ " phase precipitation during solidification by coupling hypergravity with rapid cooling

Authors: Liao, Minle ; Jiang, Wenhao ; Zhang, Chi ; Liu, Guohuai ; Wang, Zhaodong

Source title: Materials Science and Engineering: A

114. Accession number: 20251918406784

Title: Study on microstructure, mechanical properties and thermal conductivity of vacuum-assisted high pressure die casting Mg-5Zn-xCu-0.5Zr alloy

Authors: Cong, Wenyuan ; Wang, Feng ; Du, Xudong ; Wang, Zhi ; Zhou, Le ; Wei, Ziqi ; Mao, Pingli ; Li, Jinwei

Source title: Materials Science and Engineering: A

115. Accession number: 20251418188083

Title: Molecular dynamics simulation of impact compression of Gr(GO)/C-S-H composites

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

Source title: Materials Science and Engineering: B

116. Accession number: 20252118462695

Title: Thermoelectric property of flexible Ag₂Se films and output power of its generator

Authors: Zhang, Lingyu ; Song, Guihong ; Luo, Di ; Chen, Yu ; Wu, Yusheng ; You, Junhua

Source title: Materials Science and Engineering: B

117. Accession number: 20252118458076

Title: Long life zinc ion hybrid capacitors based on coral-like three-dimensional porous carbon derived from metal-organic framework

Authors: He, Qi ; Li, Yaotong ; Xu, Lei ; Li, Changyun ; Umar, Ahmad ; Wu, Xiang

Source title: Materials Today Chemistry

118. Accession number: 20251718287226

Title: AI-driven prediction and intelligent evaluation of flow stress model, processing performance, and microstructural evolution during hot deformation of Ni₄₇Ti₃₃Hf₂₀ alloy

Authors: Wang, Wenjingzi ; Zhou, Ge ; Han, Jinke ; Cai, Chao ; Zhang, Haoyu ; Zhang, Siqian ; Zhang, Nannan ; Chen, Lijia

Source title: Materials Today Communications

119. Accession number: 20251618246544

Title: Effect of microwave annealing on the polarization properties of sol-gel derived Pb(Zr_{0.4}Ti_{0.6})O₃ epitaxial thin films

Authors: Ding, Shu Ming ; Wang, Xue Nan ; Shao, Yan ; Wang, Bo ; Wang, Zhan Jie

Source title: Materials Today Communications

120. Accession number: 20251418164711

Title: Effect of Sn element on microstructure and mechanical properties of Al-Cu-Mg alloy

Authors: Chen, Lei ; Liu, Kun ; Su, Ruiming ; Li, Guanglong

Source title: Materials Today Communications

121. Accession number: 20251818348369

Title: Influence of La alloying on the electrochemical corrosion and discharge performance of Mg-0.5Sn-1Ca-0.3Mn alloy as Mg-air battery anodes

Authors: Hu, Wenyi ; Le, Taihe ; Chen, Songhua ; Zhang, Yongjian

Source title: Materials Today Communications

122. Accession number: 20251318131183

Title: Approximately isotropic creep property of 2mm-Ti60-alloy rolled sheet

Authors: Gong, Zhen ; Dong, Shulin ; Chen, Zhiyong ; Qu, Yingdong ; Chen, Ruirun ; Li, Guanglong

Source title: Materials Today Communications

123. Accession number: 20251418180692

Title: Effect of orientation on the stress rupture properties of a Ru-containing fourth-generation single crystal superalloy at 1140 °C

Authors: Guan, Q.Y. ; Li, Y.M. ; Wang, X.G. ; Tan, Z.H. ; Mu, Y. ; Tao, X.P. ; Zhang, C.H. ; Zhang, S. ; Liu, J.D. ; Li, J.G. ; Zhou, Y.Z. ; Sun, X.F.

Source title: Materials Today Communications

124. Accession number: 20251718279600

Title: Effect of aging treatment on cavitation erosion resistance and slurry erosion resistance of laser directed energy deposition martensitic aging steel

Authors: Zhao, T.Y. ; Wang, Z.Y. ; Wu, H. ; Xu, T.Z. ; Wu, C.L. ; Zhang, C.H. ; Zhang, S. ; Chen, H.T. ; Chen, J.

Source title: Materials Today Communications

125. Accession number: 20251718313988

Title: Enhanced active protection of epoxy coatings utilizing Attapulgite-Tannic acid hybrid pigment on carbon steel

Authors: Gao, Shitian ; Shi, Hongwei ; Ali, Mustehsin ; Hao, Liang

Source title: Materials Today Communications

126. Accession number: 20251418165638

Title: Study on hot deformation behavior and microstructure evolution of different energy dissipation regions of 54Ni46Ti alloy

Authors: Chengchuang, Tao ; ZhiZhu, Lu ; Xiaohan, Zhai ; Hongjun, Huang ; Ge, Zhou ; Yanfeng, Pan ; Yan, Zhao ; Xuehui, Liu ; Yulong, Guan

Source title: Materials Today Communications

127. Accession number: 20251718283383

Title: Effect of sodium dodecyl sulfate concentration on the microstructure and mechanical properties of Ni-Co alloy electrodeposited bellows

Authors: Cao, Dongdong ; Tang, Zhengyou ; Jiang, Yujiao ; Liu, Ziyun ; Guan, Guofu ; Xu, Siyang ; Han, Xinbo

Source title: Materials Today Communications

128. Accession number: 20251918399010

Title: Effect of Annealing Treatment on the Interface Structure and Properties of 1070A/7075 Composite Plate Produced by Liquid-Solid Cast-Rolling

Authors: Tian, Shuangyong ; Sun, Yuchong ; Xu, Zhen ; Zang, Ximin ; Song, Hua ; Chen, Qingqiang

Source title: Metal Science and Heat Treatment

129. Accession number: 20251218090587

Title: Mechanism Study on Microstructure and Properties of Ti6321 Alloy Welding by Transverse Magnetic Field

Authors: Ding, Laifa ; Zhang, Zheng ; Zeng, Zhibin ; Qin, Binhao ; Vladyslav, Khaskin ; Chen, Lijia ; Zhang, Yupeng ; Wang, Haiyan

Source title: Metals and Materials International

130. Accession number: 20252118475761

Title: Challenges and future prospects of the 2D material-based composites for microwave absorption

Authors: Ren, Jia ; Shi, Ping ; Zu, Xinyan ; Ding, Lei ; Liu, Feng ; Wang, Yuzheng ; Wu, Yuhan ; Shi, Guimei ; Wu, Yusheng ; Li, Laishi

Source title: Nanoscale

131. Accession number: 20252118470733

Title: Atmospheric pressure preparation of ammonioalunite for highly efficient fluoride removal

Authors: Dai, Weifan ; Li, Laishi ; Liu, Feng ; Wang, Yuzheng ; Wu, Yusheng

Source title: New Journal of Chemistry

132. Accession number: 20251718282700

Title: High addition content WC particle reinforced titanium matrix composites fabricated by concurrent wire powder feeding laser directed energy deposition

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

Source title: Optics and Laser Technology

133. Accession number: 20252118476282

Title: Microstructural evolution and mechanical properties of Fe-12MnxAl-1.2C after aging treatment

Authors: Yan, Shuyi ; Wang, Shuai ; Wang, Haiyan ; Long, Jun ; Zhao, Siyong ; Huang, Lei ; Wei, Lenian ; Zheng, Zhibin

Source title: Physica Scripta

- 134. Accession number:** 20252018437159
Title: Growth Optimization of Bridging Ga₂O₃ Nanowires and the Effect of Oxygen on their Optoelectronic Properties
Authors: Bai, Bing ; Zhao, Danna ; Li, Zhijie ; Tian, Ming ; Zheng, Xu ; Buren, Bayaer ; Zhang, Hongwei ; Zong, Yang ; Chen, Shunji
Source title: Physica Status Solidi (A) Applications and Materials Science
- 135. Accession number:** 20251618246227
Title: First-principles calculations of M₂SB (M = Hf, Zr and Nb) under high pressure
Authors: Chen, Shiyi ; Ma, He ; Zhang, Xudong ; Chen, Lijia ; Wu, Hao ; Li, Haonan
Source title: Physics Letters, Section A: General, Atomic and Solid State Physics
- 136. Accession number:** 20251918399388
Title: Study on the microstructure and tensile properties of GH5188 high-temperature alloy laser welded joints
Authors: Song, W.-Q. ; Wang, X. ; Liu, G.-D. ; Du, Y. ; Zhang, N.-N.
Source title: Practical Metallography
- 137. Accession number:** 20251418160019
Title: Hydrophobic and self-healing anti-corrosion coatings based on hybrid attapulgite-Ce-MOF pigment
Authors: Ali, Mustehsin ; Shi, Hongwei ; Wu, Bin ; Jan, Faheem ; Ahmed, Sharjeel ; Ullah, Nasir ; Song, Yingwei ; Han, En-Hou
Source title: Progress in Organic Coatings
- 138. Accession number:** 20251418170533
Title: A strategy for Triple-TRIP-induced ultra-high room-temperature ductility of high-entropy alloys
Authors: Han, Jinke ; Zhou, Ge ; Zhang, Haoyu ; Zhang, Siqian ; Zhao, Mingjiu ; Lu, Chenyang ; Su, Zhengxiong ; Peng, Yuhan ; Che, Xin ; Chen, Lijia ; Liaw, Peter K.
Source title: Scripta Materialia
- 139. Accession number:** 20251418187349
Title: Ultrasensitive low-temperature acetone detection of 3D In_{0.02}W_{0.99}O₃/WO₃ material with synergistic effect of W-rich facets and oxygen vacancies
Authors: Mu, Hanlin ; Li, Mingchun ; Qu, Xiaohan ; Jin, Bingbing ; Zhang, Kunlong ; Wu, Yusheng ; Li, Laishi
Source title: Sensors and Actuators A: Physical
- 140. Accession number:** 20251618263304
Title: Effect of in situ N-doping on the microstructure, oxygen vacancies and CO₂ capture performance of CaO-based sorbent
Authors: Jin, Bingbing ; Li, Mingchun ; Qu, Xiaohan ; Mu, Hanlin ; Zhang, Kunlong ; Wu, Yusheng ; Li, Laishi ; Yu, Yan
Source title: Separation and Purification Technology
- 141. Accession number:** 20251418191356
Title: Cellulose Gels: Functional Design and Promising Smart Applications
Authors: Jiang, Geyuan ; Xu, Guangwen ; Xia, Qinqin ; Yu, Haipeng ; Zhao, Dawei
Source title: Small
- 142. Accession number:** 20251818334066

Title: Photoluminescence of Te-Doped Double Perovskite Cs₂ZrCl₆ Nanocrystals Versus Bulk: Insights From Temperature-Dependent Spectroscopy

Authors: Liu, Yang ; Wu, Ye ; Sokolova, Anastasiia ; Shi, Xinmin ; Kershaw, Stephen V. ; Wu, Yusheng ; Polavarapu, Lakshminarayana ; Li, Xiaoming ; Rogach, Andrey L.

Source title: Small

143. Accession number: 20251318128371

Title: Activating H₃O⁺ Intercalation Chemistry in Aqueous Zn-VO₂(B) Batteries via Tungsten Doping and Oxygen Vacancies

Authors: Zhang, Yu ; Cui, Leyuan ; Cui, Fuhua ; Huang, Yukun ; Zhang, Guoju ; Fu, Ruining ; Jiang, Zhenjing ; Hu, Xuechen ; Hu, Fang ; Zhu, Chongyang ; Sun, Litao

Source title: Small

144. Accession number: 20251718276708

Title: Leveraging molecular dynamics and machine learning to predict impact performance in polycrystalline magnesium alloys

Authors: Chen, Guoyao ; Liu, Xuanyu ; Zhang, Yue ; Lin, Dan ; Mao, Pingli

Source title: Solid State Communications

145. Accession number: 20251818335053

Title: Effect of Tempering Temperature on the Microstructure, Mechanical, and Wear Failure Behaviors of a Novel High-Vanadium High-Speed Steel

Authors: Zhang, Run ; Tao, Xipeng ; Wang, Xinguang ; Zhang, Rui ; Zhou, Zijian ; Zhang, Chunhua ; Zhang, Song ; Sun, Xiaofeng ; Zhou, Yizhou ; Cui, Chuanyong

Source title: Steel Research International

146. Accession number: 20251318151198

Title: Reaction Behavior of High-Manganese High-Aluminum Steel with Glazed MgO Refractory

Authors: Zhang, Yongjiao ; Yang, Ji ; Zu, Lin ; Zhu, Xiaolei ; Zang, Ximin ; Peng, Chunlin ; Kong, Lingzhong

Source title: Steel Research International

147. Accession number: 20251418181163

Title: Laser cladding of FeCoCrNiTi high-entropy alloy coatings to modulate the microstructure and enhance the tribo-corrosion behavior on 304 stainless steel

Authors: Zheng, K.X. ; Yu, D.T. ; Liu, J.L. ; Wu, C.L. ; Zhang, S. ; Zhang, C.H. ; Wang, Q. ; Zhang, Dan

Source title: Surface and Coatings Technology

148. Accession number: 20251418159185

Title: First-principles study: Effect of biaxial strain on the optoelectronic properties of O-doped monolayer GaSe

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

Source title: Surface Science

149. Accession number: 20251418162906

Title: Effect of Thermomechanical Treatment on Microstructure and Properties of Al – Zn – Mg – Cu Alloy

Authors: Zhang, Weijian ; Su, Ruiming ; G., Li ; Y., Qu

- Source title:** Transactions of the Indian Institute of Metals
- 150. Accession number:** 20252218500854
- Title:** A Novel Fe-based Bulk Metallic Glasses with High B and Gd Content Applicable to Neutron Absorption Coating Material
- Authors:** Dai, Wanlu ; Zhang, Wei ; Xiang, Qingchun ; Ren, Yinglei ; Yu, Bo ; Wang, Jianqiang ; Qiu, Keqiang
- Source title:** Transactions of the Indian Institute of Metals
- 151. Accession number:** 20252118471078
- Title:** Dry Sliding Wear Behavior of Laser Directed Energy Deposition-Cobalt/Chromium/Iron/Nickel (LDED-CoCrFeNi) Coatings Synergistically Reinforced with Double Mo-Rich Phase
- Authors:** Chen, Ying ; Wang, Xin ; Dong, Yixuan ; Meng, Fanwei ; Gao, Yanchong ; Yu, Tianbiao
- Source title:** Tribology Transactions
- 152. Accession number:** 20252118480055
- Title:** Construction of 1T-2H mixed-phase MoS₂-coated CdS hollow sphere core-shell structure and study on its efficient photocatalytic hydrogen evolution performance
- Authors:** Dang, Shiyue ; Wang, Yuzheng ; Shi, Guimei ; Wu, Yusheng ; Li, Laishi ; Liu, Feng ; Xing, Jiahui ; Wen, Aoning
- Source title:** Vacuum
- 153. Accession number:** 20251318118504
- Title:** Cavitation erosion performance and damage mechanism of FeNiCoCrMo_{0.3}Nb_{0.5} hypoeutectic high entropy alloy coatings
- Authors:** Wu, H. ; Wang, M.S. ; Zhang, S. ; Wang, R. ; Zhang, C.H. ; Wu, C.L. ; Chen, H.T.
- Source title:** Wear
- 154. Accession number:** 20251518207808
- Title:** Forming mechanism of humping defects in stainless steel high-speed TIG welding
- Authors:** Zhang, Siyu ; Zhao, Honglei ; Li, Yiwen ; Miao, Junyan ; Liu, Yuze ; Chang, Yunlong
- Source title:** Welding in the World
- 155. Accession number:** 20251318118319
- Title:** Effect of Mg on Cast Microstructure and Mechanical Properties of S44660 Super Ferritic Stainless Steel
- Authors:** Fan, Wenjie ; Ning, Likui ; Chang, Dongxu ; Ding, Dong ; Li, Guanglong ; Liu, Enze ; Tan, Zheng ; Tong, Jian ; Li, Haiying ; Zheng, Zhi
- Source title:** Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering
- 156. Accession number:** 20252218515945
- Title:** Dual nitrogen source assisted method for regulating pore structure and adsorption performance of boron nitride
- Authors:** Wang, Yanqing ; Shi, Ping ; Zhang, Shihao ; Liu, Feng ; Wu, Yusheng ; Li, Laishi
- Source title:** Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals

(三) 电气工程学院 (53 篇)

1. **Accession number:** 20250817921456
Title: Electrical and Thermal Conductivity of Graphene/Copper Composites and Their Applications in High-Efficiency Current-Carrying Conductors: A Review
Authors: Zhong, Simeng ; Zhang, Xiaoting ; Liu, Aimin ; Zhang, Bingyi
Source title: Advanced Engineering Materials
2. **Accession number:** 20251618259271
Title: IFDRDTS: intelligent food delivery robot and its digital twin system for dining assistance tasks
Authors: Liu, Xiufang ; Zhao, Donghui ; Yang, Junyou ; Wang, Shuoyu
Source title: Advanced Robotics
3. **Accession number:** 20251418191696
Title: Research on fatigue characteristics of conductive rod of high pressure bushing under different factors
Authors: Zhou, Xiu ; Tian, Tian ; Dai, Longcheng ; Bai, Jin ; Yang, Weidong ; Luo, Yan ; Pan, Liangliang ; Yu, Jiaying ; Li, Jibing ; Chang, Xianghui ; Chen, Dezhi
Source title: AIP Advances
4. **Accession number:** 20251818327652
Title: Effect of Austenitizing on the Microstructure and Mechanical Properties of Gray Cast Iron
Authors: Zhang, Hongkui ; Lan, Yipeng ; Ju, Zhe ; Zhu, Shian ; Liu, Xinming ; Hao, Yihan ; Li, Guanglong
Source title: Applied Sciences (Switzerland)
5. **Accession number:** 20251818348277
Title: CD3Net: A Contrastive Diffusion Model with Domain Adaptive Data Synthetic Network for Motor Imagery and Emotion classification
Authors: Zhou, QiaoLi ; Ye, XiYuan ; Li, ShuRui ; Du, Qiang ; Ke, Li
Source title: Biomedical Signal Processing and Control
6. **Accession number:** 20250817910280
Title: Enhancing sleep stage classification through simultaneous time - frequency tokenization
Authors: Zhou, Qiaoli ; Li, Shurui ; Ye, Xiyuan ; Shi, Xiaoqiang ; Du, Qiang ; Ke, Li
Source title: Biomedical Signal Processing and Control
7. **Accession number:** 20250217664684
Title: Open Winding-permanent Magnet/Magnet Reluctance Hybrid Rotor Double Stator Synchronous Motor SVPWM Control
Authors: Pang, Yufeng ; Jin, Shi ; Jin, Wuhen ; Yu, Siyang
Source title: CES Transactions on Electrical Machines and Systems
8. **Accession number:** 20251618251870
Title: Moving Towards the Reliability-oriented Design of Hairpin Winding for EV Traction Machines Driven by SiC Inverter
Authors: Ju, Xiaowei ; Zhang, Yue ; Xue, Zhiwei ; Cheng, Yuan ; Cui, Shumei
Source title: CES Transactions on Electrical Machines and Systems

9. **Accession number:** 20250217659679
Title: Analysis and Reduction of Cogging Torque of Permanent Magnet Synchronous Wind Generators based on the Magnetic Field Modulation Mechanism
Authors: Li, Zexing ; Liu, Chao ; Fan, Yiwen ; Zhang, Zixuan ; Xia, Jiakuan
Source title: CES Transactions on Electrical Machines and Systems
10. **Accession number:** 20252118479644
Title: A facile dual-drug delivery system using cellulose-based microgel/hydrogel for enhanced gastric cancer therapy
Authors: Zhou, Jingqiu ; Zhang, Zaishan ; Zhang, Zhili ; Wu, Tao ; Li, Hao ; Hao, Xujia ; Liu, Xu ; Gong, Tianxing ; Liu, Dan ; Wei, Shibo
Source title: Colloids and Surfaces B: Biointerfaces
11. **Accession number:** 20252118477878
Title: Dynamic Estimation of Load-Side Equivalent Inertia by Using Clustering Method
Authors: Li, Yunlu ; Guo, Shuang ; Ma, Guiqing ; Li, Zhenyu ; Yang, Junyou ; Chen, Zhe
Source title: CPSS Transactions on Power Electronics and Applications
12. **Accession number:** 20251718281340
Title: Equation System Order-Reduced Algorithms and Their Application in Numerical Computation for Electrical Equipment
Authors: Jun, Jin ; Xiuke, Yan ; Ligu, Zhong ; Yanli, Zhang ; Ziyang, Ren
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
13. **Accession number:** 20250517775542
Title: Fast Calculation Method of 3D Nonlinear Magnetic Field Based on Adaptive Model Order Reduction
Authors: Liu, Yutong ; Ren, Ziyang ; Chi, Lianqiang ; Zhang, Dianhai ; Zhang, Yanli
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
14. **Accession number:** 20250817891174
Title: Steady-State Performance of a Novel Dual-Capacitor Three-Phase Induction Motor in Single-Phase Operation Mode
Authors: Zhao, Guoxin ; Cui, Xiaoyuan ; Bai, Haonan ; Chen, Dezhi ; Zhang, Peng
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
15. **Accession number:** 20250217649868
Title: Analytical Model of Air-Gap Magnetic Field of Slotted Axial Flux Permanent Magnet Motor Based on Improved Complex Relative Permeance Function
Authors: Tong, Wenming ; Du, Shaoyu ; Jia, Jianguo ; Huang, Rui
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
16. **Accession number:** 20252018427963
Title: Model predictive current control based on discrete space vector modulation for PMSM
Authors: Zhao, Ximei ; Wang, Haipeng ; Jin, Hongyan
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
17. **Accession number:** 20251718275201
Title: User behavior characteristic mining method based on multi-stage data recurrence analysis
Authors: Li, Yanzhen ; Wang, Haixin ; Yang, Zihao ; Ma, Yiming ; Yang, Junyou ; Chen, Zhe
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

- 18. Accession number:** 20250517770453
Title: Temperature correction design of high-speed external rotor permanent magnet synchronous motor in turbine environment
Authors: Teng, Xiaoyuan ; Li, Yan ; Feng, Guihong ; Zhang, Bingyi ; Liu, Zeyu
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 19. Accession number:** 20251518221972
Title: Practical tracking control of permanent magnet linear servo system with adaptive fractional-order predefined performance control
Authors: Zhao, Xinyu ; Wang, Limei
Source title: Electrical Engineering
- 20. Accession number:** 20252218500351
Title: Time delay compensation strategy for PMSM sensorless control based on high-frequency square-wave signal injection
Authors: Ding, Hongchang ; Tang, Xikai ; Li, Jinhong ; Liu, Guangwei
Source title: Electrical Engineering
- 21. Accession number:** 20252218518197
Title: Cooperative Optimization Analysis of Variable-Speed and Fixed-Speed Pumped-Storage Units Under Large Disturbances in the Power System
Authors: Chen, Weidong ; Xu, Jianyuan
Source title: Energies
- 22. Accession number:** 20252018418347
Title: Simulation Study on the Electric Field of Three-Phase Three-Post Insulators Under Typical Defects
Authors: Yang, Zhuoran ; Lv, Lixiang ; Wang, Hao ; Wang, Yue ; Liu, Jian ; Li, Hongze ; Li, Xiaolong
Source title: Energies
- 23. Accession number:** 20252018415469
Title: Simulation Analysis and Experiment Research of Transformer Vibration Based on Electric – Magnetic – Mechanic Coupling
Authors: He, Long ; Zhu, Yongming ; Liu, Gang ; Cao, Chen
Source title: Energies
- 24. Accession number:** 20251818322269
Title: Strength Enhancement and Redundant Design of the Electromagnetic Repulsion Valve for High-Speed Switch Hydraulic Mechanisms
Authors: Zhang, Youpeng ; Zhong, Jianying ; Wang, Zhijun ; Du, Yingqian
Source title: Energies
- 25. Accession number:** 20250417761630
Title: Research on Arc Extinguishing Characteristics of Single-Phase Grounding Fault in Distribution Network
Authors: Li, Yan ; Xu, Jianyuan ; Wang, Peng ; Li, Guanhua
Source title: Energies
- 26. Accession number:** 20251818325074
Title: Optimal economic and low-carbon scheduling in integrated energy system considering multi-level thermal energy coupling and integrated demand response

Authors: Jing, Yanjun ; Liang, Mingming ; Wang, Haixin ; Yang, Zihao ; Li, Gen ; Márquez, Fausto Pedro García ; Yang, Junyou ; Chen, Zhe

Source title: Energy Conversion and Economics

27. Accession number: 20251818358254

Title: Research on vibration and noise of amorphous alloy 3D wound core transformer considering magnetostrictive effect

Authors: Han, Jianwei ; Yao, Xinglong ; Wang, Xiaohui ; Yan, Yunfei ; Zhu, Endong ; He, Zhi ; Zhang, Lisong ; Yu, Zhanyang ; Zhan, Mengyu

Source title: Frontiers in Materials

28. Accession number: 20250117640389

Title: Dispatch Operation Framework for Multi-electrolysis Cells Power to Hydrogen (P2H) Cluster System Considering of Efficiency Optimization

Authors: Dong, Yannan ; Li, Xiangjun ; Han, Zijiao ; Bai, Jintong ; Ma, Shaohua

Source title: Gaodianya Jishu/High Voltage Engineering

29. Accession number: 20250217650064

Title: Temperature rise characteristics of C5F10O/CO₂ gas mixture AC high voltage switch bus

Authors: Cui, Zhaoxuan ; Lin, Xin ; Li, Xiaolong ; Xia, Yalong ; Geng, Zhenxin ; Xu, Jianyuan

Source title: High Voltage

30. Accession number: 20251718275923

Title: Cooling System Design and Temperature Field Analysis for High-Speed Switched Reluctance Motor Considering Multi-Field Coupling of Electromagnetic-Thermal-Flow

Authors: Qiao, Lukuan ; Liu, Aimin ; Ren, Da ; Meng, Fangui ; Wang, Yuchen ; Liu, Yao

Source title: IEEE Access

31. Accession number: 20251318116759

Title: Analysis and Calculation of Iron Loss in Electrical Motors with High Silicon Steel Considering Multi-physics Coupling

Authors: Ma, Deji ; Tian, Baozhi ; Li, Yuxiao ; Li, Zhiye ; Li, Jiale ; Zeng, Lubin ; Pei, Ruilin

Source title: IEEE Transactions on Energy Conversion

32. Accession number: 20251318115058

Title: Improved Equivalent Magnetic Network for Optimal Design of Yokeless and Segmented Armature Axial Flux PM Machines

Authors: Wang, Chao ; Peng, Bing

Source title: IEEE Transactions on Magnetics

33. Accession number: 20251318126192

Title: A Progressive Polyhedral Approximation Method for Nonlinear PDE-Constrained Electricity-Water Nexus Dispatch

Authors: Hua, Zhihao ; Zhou, Bin ; Chan, Ka Wing ; Zhang, Cong ; Cao, Yingping ; Wang, Pengcheng ; Xia, Mingchao

Source title: IEEE Transactions on Smart Grid

34. Accession number: 20251718280045

- Title:** Finite-time Control of Permanent Magnet Linear Synchronous Motor Via Variable Gain Fractional-order Terminal Sliding Mode Control
Authors: Zhao, Xinyu ; Wang, Limei
Source title: IEEE Transactions on Transportation Electrification
- 35. Accession number:** 20251918370409
Title: A Methodology for Power Dispatch Based on Traction Station Clusters in Flexible Traction Power Supply System
Authors: Li, Ruofan ; Sun, Qianhao ; Chen, Qifang ; Xia, Mingchao
Source title: IEEE Transactions on Transportation Electrification
- 36. Accession number:** 20252018414316
Title: A Permanent Magnet Concentrated-Flux Synchronous Reluctance Motor with Torque Improvement for Unmanned Ship Propulsion
Authors: Zhao, Wenliang ; Diao, Chengwu ; Chen, Dezhi ; Liu, Yan ; Wang, Xiuhe
Source title: IEEE Transactions on Transportation Electrification
- 37. Accession number:** 20251518198737
Title: Trajectory Prediction Model of Electric Vehicle Autonomous Driving Based on Hybrid Attention Transformer Network
Authors: Wang, Bo ; Liu, Yao ; Wang, Rui ; Sun, Qiuye
Source title: IET Intelligent Transport Systems
- 38. Accession number:** 20251918367951
Title: Effects of Mg/Si Ratio on Hot Tearing Susceptibility of Al – xMg – (3–x)Si Alloys
Authors: Du, Xudong ; Zhou, Le ; Xu, Zhenyao ; Wang, Feng ; Chen, Yongqiang ; Wang, Zhi
Source title: International Journal of Metalcasting
- 39. Accession number:** 20251518208254
Title: Investigation on heat transfer and fluid flow of arc-flash phenomenon in DC molded case circuit breakers: Model optimization and structural improvement
Authors: Duan, Wei ; Li, Jing ; Gao, Wanrui ; Shi, Bingjie ; Liu, Shuxin ; Cao, Yundong
Source title: International Journal of Thermal Sciences
- 40. Accession number:** 20251318137825
Title: Time-Series Load Online Prediction of Wind Turbine Based on Adaptive Multisource Operational Data Fusion
Authors: Wang, Ruojin ; Wang, Xiaodong ; Fu, Deyi ; Yang, Bin ; Liu, Yingming
Source title: International Transactions on Electrical Energy Systems
- 41. Accession number:** 20251418168937
Title: On spectral characteristics and chemical product analysis of AC discharge plasma under atmospheric pressure
Authors: Feng, Yuning ; Yuan, Shun ; Cai, Zhiyuan ; Gao, Lei ; Yang, Jiafeng
Source title: Journal of Physics D: Applied Physics
- 42. Accession number:** 20251518219338
Title: Numerical study of the arc-quenching performance of eco-friendly C4F7N/CO2/O2 gas mixtures
Authors: Wang, Wen ; Gao, Keli ; Yan, Xianglian ; Lin, Xin ; Li, Xiaolong ; Xu, Peng ; Yao, Yao

- Source title:** Journal of Physics D: Applied Physics
- 43. Accession number:** 20251818359443
Title: Fractional order variable-gain super-twisting terminal sliding mode position control
Authors: Zhao, Xin-Yu ; Wang, Li-Mei
Source title: Kongzhi Lilun Yu Yingyong/Control Theory and Applications
- 44. Accession number:** 20251618257016
Title: Well condition diagnosis based on multi-branch fusion embedded attention feature extraction
Authors: Wang, Tong ; Li, Yuan-Chao ; Gao, Xian-Wen ; Wang, Han-Jing
Source title: Kongzhi yu Juece/Control and Decision
- 45. Accession number:** 20251618257016
Title: Well condition diagnosis based on multi-branch fusion embedded attention feature extraction
Authors: Wang, Tong ; Li, Yuan-Chao ; Gao, Xian-Wen ; Wang, Han-Jing
Source title: Kongzhi yu Juece/Control and Decision
- 46. Accession number:** 20252018437181
Title: Multi-source domain fine-grained alignment network based on domain correlation for wind turbine bearing fault diagnosis
Authors: Wang, Qisen ; Zhang, Yuxian ; Qiao, Likui ; Li, Donglin
Source title: Measurement Science and Technology
- 47. Accession number:** 20251818319193
Title: Effect of TiC Coating Thickness on Carbon Fiber Surface on Microstructure and Properties of Aluminum Matrix Composites
Authors: Zhang, Hongkui ; Lan, Yipeng ; Meng, Xiangjia ; Liu, Wenjie ; Li, Guanglong
Source title: Metals
- 48. Accession number:** 20251618259657
Title: DIAGNOSIS OF BLADE ICING BASED ON IMPROVED CONVOLUTION NEURAL NETWORK IN WIND TURBINE STUDY
Authors: Xing, Zuoxia ; Zhang, Yue ; Guo, Shanshan ; Zhang, Chao
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 49. Accession number:** 20252118448962
Title: OPTIMAL DISPATCH METHOD OF MULTI-ENERGY MICROGRID CLUSTER BASED ON DATA UPDATING LONG SHORT-TERM MEMORY NETWORK
Authors: Shi, Qiu ; Kun, Zhang ; Songqing, Cheng ; Zhe, Chen
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 50. Accession number:** 20251818346202
Title: Research on the bioelectrical impedance method for assessing the regulation of pulmonary circulation blood flow
Authors: Jia, Jing ; Du, Qiang ; Ke, Li ; Ren, Ziyang ; Wei, Junmei
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 51. Accession number:** 20251618241029
Title: A multimodal safe interaction method based on intention recognition in the whole process of assisted feeding
Authors: Lyu, Xiangyi ; Zhao, Donghui ; Ding, Jiahui ; Yang, Junyou ; Wang, Shuoyu

Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument

52. Accession number: 20251418175730

Title: Dynamic Hysteresis Model and Experimental Verification of Soft Magnetic Composites Under High Frequency Excitation

Authors: Jing, Ying ; Zhang, Yanli ; Wang, Zhen ; Zhang, Dianhai ; Zhu, Jianguo

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

53. Accession number: 20251718286372

Title: 3-D Interpenetrating Structure Cu-W Electrical Contact Contactor Closing Bounce Suppression

Authors: Han, Ying ; Liu, Dongrui ; Zhang, Junhan ; Hou, Chunguang ; An, Yuejun ; Li, Shujun

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

(四) 信息科学与工程学院 (33 篇)

1. **Accession number:** 20251718303173
Title: Multichannel Wearable Sensor Based on Porous Structure for Simultaneous Acquisition of Different Mechanical Signals
Authors: Wen, Lei ; Huang, Haizhou ; Huang, YuHeng ; Kang, Jiahong ; Liu, YunHong ; Li, Chun ; Li, Haoxiang ; Song, Zheng ; Li, Chaochen ; Zhang, Yunkai ; Jiang, Ling
Source title: ACS Applied Electronic Materials
2. **Accession number:** 20251318153524
Title: Super-resolution terahertz imaging algorithm based on blind deconvolution
Authors: Wang, Guanwen ; Qi, Feng
Source title: Applied Optics
3. **Accession number:** 20252218518583
Title: Vehicle Pose Estimation Method Based on Maximum Correntropy Square Root Unscented Kalman Filter
Authors: Liu, Shuyu ; Guo, Ying
Source title: Applied Sciences (Switzerland)
4. **Accession number:** 20250117635530
Title: Group vehicle trajectory prediction model based on multi-graph fusion
Authors: Sang, Haifeng ; Li, Siyu ; Wang, Jinyu ; Chen, Wangxing ; Zhao, Zishan
Source title: Computers and Electrical Engineering
5. **Accession number:** 20250317710040
Title: Research on Zero-Force control and collision detection of deep learning methods in collaborative robots
Authors: Zhao, Bin ; C., Wu ; L., Chang ; Y., Jiang ; R., Sun
Source title: Displays
6. **Accession number:** 20251718288994
Title: A novel ECT image reconstruction method based on the deblurring diffusion model
Authors: Liu, Yan-Dong ; Wu, Xin-Jie ; Liu, Shi-Xing ; Wang, Yi-Fan
Source title: Flow Measurement and Instrumentation
7. **Accession number:** 20251318125929
Title: Flow measurement of pipeline fluids based on wavenumber-frequency spectrum
Authors: Pei, Rui ; Jia, Danping ; Zang, Zhensheng ; Chang, Bing ; Liu, Bo ; Sun, Yong ; Dong, Meng
Source title: Flow Measurement and Instrumentation
8. **Accession number:** 20251418183329
Title: High Gas Void Fraction Two-Phase Flow Measurement Based on One-Dimensional Acoustic Wave in Pipeline
Authors: Pei, Rui ; Jia, Danping ; Wang, Lianggui ; Zang, Zhensheng ; Liu, Bo ; Sun, Yong
Source title: Flow, Turbulence and Combustion
9. **Accession number:** 20250517778478
Title: Editorial: Research on nanomaterials in tumor diagnosis and therapy
Authors: Bai, Shi ; Kang, Yue ; Li, Shenglong ; Ma, Song ; Sasayama, Teruyoshi
Source title: Frontiers in Bioengineering and Biotechnology

- 10. Accession number:** 20251618273640
Title: Semi-supervised cardiac magnetic resonance image segmentation based on domain generalization
Authors: Shao, Hong ; Hou, Jinyang ; Cui, Wencheng
Source title: High Technology Letters
- 11. Accession number:** 20251618269309
Title: MKGVILT: visual-and-language transformer based on medical knowledge graph embedding
Authors: Cui, Wencheng ; Shi, Wentao ; Shao, Hong
Source title: High Technology Letters
- 12. Accession number:** 20251518234124
Title: An Improved Back Projection Algorithm for Terahertz Imaging
Authors: Wang, Guanwen ; Qi, Feng
Source title: IEEE Sensors Journal
- 13. Accession number:** 20251318152433
Title: A Wideband Beam-scanning Reflectarray Based on the 1-bit Tightly Coupled Unit Cell
Authors: Li, Wenting ; Ai, Zhikang ; He, Yejun ; Zhang, Chong ; Gao, Yao ; Li, Ruiyang ; Gao, Steven
Source title: IEEE Transactions on Antennas and Propagation
- 14. Accession number:** 20251718274750
Title: An Efficient Heuristic CQF Scheduling in Time-Sensitive Networking
Authors: Feng, Zhiwei ; Dong, Wenjia ; Gao, Shichang ; Lin, Yuhan ; Jin, Xi ; Deng, Qingxu
Source title: IEEE Transactions on Industrial Informatics
- 15. Accession number:** 20251818326470
Title: A Reconstruction Method for Weak Magnetic Pipeline Inspection Signals Based on Adaptive Multiscale Signal Reconstruction
Authors: Liu, Bin ; Liu, Yuze ; Lian, Zheng ; Wu, Zihan ; He, Luyao ; Yang, Lijian
Source title: IEEE Transactions on Instrumentation and Measurement
- 16. Accession number:** 20251518211467
Title: A Contrast-Enhanced Null Subtraction Imaging Method using Dynamic DC Bias in Ultrafast Ultrasound imaging
Authors: Yan, Xin ; Yang, Xiaodong ; Jing, Lingling ; Guo, Wei ; Wang, Yingqi ; Su, Xinwei ; Wang, Yuanyuan
Source title: IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control
- 17. Accession number:** 20251718294814
Title: A 281 GHz terahertz detector in 180 nm CMOS process
Authors: Jiang, Ning ; Guo, Ying ; Liu, Zhaoyang ; Qi, Feng
Source title: Infrared and Laser Engineering
- 18. Accession number:** 20252118452906
Title: Nighttime pedestrian detection using crossed wavelet fusion networks
Authors: Sang, Haifeng ; Peng, Xingcheng
Source title: Journal of Electronic Imaging
- 19. Accession number:** 20252118452954

- Title:** Real-time reconstruction of multiperson 3D human pose with perspective transformation matching based on multiview
Authors: Chen, Xianhua ; Wang, Lihui ; Tang, Jianhua ; Huang, Shuangjiang
Source title: Journal of Electronic Imaging
- 20. Accession number:** 20251818359504
Title: MGFormer: a multi-information-based GRU-transformer network for pedestrian trajectory prediction
Authors: Liu, Quankai ; Sang, Haifeng ; Wang, Jinyu ; Chen, Wangxing
Source title: Journal of Supercomputing
- 21. Accession number:** 20251618246067
Title: Anomaly detection method of surveillance video based on global-local information
Authors: Wu, Yuwei ; Sang, Haifeng ; Li, Fei
Source title: Knowledge-Based Systems
- 22. Accession number:** 20251618271698
Title: Research on selective amplification nonlinear detection method based on inverse phase principle
Authors: Xing, Yanhao ; Ni, Yueyi ; Zhang, Jia ; Jin, Haiyu ; Lin, Hongwei
Source title: Measurement Science and Technology
- 23. Accession number:** 20251918365070
Title: EL-PCBNet: An efficient and lightweight network for PCB defect detection
Authors: Li, Dejian ; Bai, Fengkuo ; Li, Shaoli ; Liu, Bin ; He, Luyao
Source title: Measurement: Journal of the International Measurement Confederation
- 24. Accession number:** 20251318144193
Title: Mechanistic investigation of weak magnetic internal detection for hydrogen-induced stress damage in pipelines at the atomic scale
Authors: Liu, Bin ; Wu, Zi han ; Yu, Hui ; Lian, Zheng ; He, Lu yao ; Yang, Lijian
Source title: Measurement: Journal of the International Measurement Confederation
- 25. Accession number:** 20252018422275
Title: Research on seawater temperature and pressure sensor based on microfiber resonator
Authors: Gao, Peng ; Gao, Jing ; Han, Bo ; Zheng, Bo-wen ; Xia, Feng
Source title: Measurement: Journal of the International Measurement Confederation
- 26. Accession number:** 20251918386857
Title: Ultrasonic evaluation of stainless steel resistance spot welded based on deep learning
Authors: Yang, Liang ; Chuai, Rongyan ; Zeng, Hongxiang ; Geng, Hao ; Li, Dong ; Cai, Guixi ; Xue, Dan ; Liu, Chang
Source title: Nondestructive Testing and Evaluation
- 27. Accession number:** 20251818333568
Title: Method for constructing electromagnetic ultrasonic guided wave tomography signals based on A-NA
Authors: Xing, Yanhao ; Ge, Jinhong ; Zhang, Jia ; Jin, Haiyu ; Lin, Hongwei
Source title: Physica Scripta
- 28. Accession number:** 20252018437159
Title: Growth Optimization of Bridging Ga₂O₃ Nanowires and the Effect of Oxygen on their Optoelectronic Properties

Authors: Bai, Bing ; Zhao, Danna ; Li, Zhijie ; Tian, Ming ; Zheng, Xu ; Buren, Bayaer ; Zhang, Hongwei ; Zong, Yang ; Chen, Shunji

Source title: Physica Status Solidi (A) Applications and Materials Science

29. Accession number: 20251318147154

Title: RESEARCH ON WIND POWER BLADE FRACTURE WARNING BASED ON NEST MODEL

Authors: Chang, Li ; Wang, Suisui ; Zhou, Bo ; Li, Hui

Source title: Taiyangneng Xuebao/Acta Energaie Solaris Sinica

30. Accession number: 20252218519080

Title: Research on coal gangue elemental composition analysis algorithmbased on CT imaging

Authors: Lyu, Ruihong ; Li, Dawei ; Shen, Hongbo

Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument

31. Accession number: 20252018427977

Title: Research on non-volume damage of pipeline based on dual magnetic field detection

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

Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument

32. Accession number: 20252018428117

Title: A multimodal safe interaction method based on intention recognition in the whole process of assisted feeding

Authors: Xing, Yanhao ; Chen, Weiye ; Zhang, Jia ; Jin, Haiyu ; Lin, Hongwei

Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument

33. Accession number: 20251418191627

Title: Kinematics Parameter Identification for Industrial Robots Based on Multi-strategy Fusion DBO Algorithm

Authors: Xu, Jialu ; Liu, Xiaonan ; Li, Pengchao ; Liu, Zhenyu

Source title: Zhongguo Jixie Gongcheng/China Mechanical Engineering

(五) 管理学院 (6 篇)

1. **Accession number:** 20251818352037
Title: Research on bank financing strategy of e-commerce supply chain driven by blockchain
Authors: Yang, Lei ; Hou, Qiaoming
Source title: Frontiers in Physics
2. **Accession number:** 20251318120166
Title: Research on Cascade Propagation of Collaborative Innovation Risks in Industrial Clusters Considering Entities Heterogeneity
Authors: Shi, Xiaowei ; Wang, Jifa ; Wang, Yang
Source title: International Journal of Computational Intelligence Systems
3. **Accession number:** 20251718297167
Title: Temporal difference-teaching learning-based optimization algorithm for multi-objective shared manufacturing resource allocation
Authors: Liu, Caiyun ; Liu, Peng
Source title: International Journal of Computer Integrated Manufacturing
4. **Accession number:** 20252118490536
Title: Blockchain-based multi-objective optimal allocation of shared manufacturing resources
Authors: Liu, Caiyun ; Liu, Peng
Source title: International Journal of General Systems
5. **Accession number:** 20251918399156
Title: Competition between two home-sharing platforms: Equilibrium strategies for commission contract choice
Authors: Fan, Zhi-Ping ; Chi, Xue ; Dong, Zhongpeng
Source title: International Transactions in Operational Research
6. **Accession number:** 20251318133630
Title: Multi-indicator contextualized prediction method based on comprehensive evaluation and its application
Authors: Yi, Ping-Tao ; Yu, Hai-Ting ; Li, Wei-Wei ; Hui, Wen-Feng ; Wang, Lu
Source title: Kongzhi yu Juece/Control and Decision

(六) 理学院 (22 篇)

1. **Accession number:** 20251618271004
Title: Magnetic properties of a ferrimagnetic core – shell nanoparticle based on Monte Carlo method
Authors: Wang, Wei ; Liu, Zhen-Yu ; Wang, Xing-Guo ; Zou, Sheng ; Lv, Dan
Source title: Applied Physics A: Materials Science and Processing
2. **Accession number:** 20250717867052
Title: Exploration of dynamic magnetic characteristics and magnetocaloric effects of the metal-coordinated polymer [Dy₂Cu₂]_n
Authors: Lv, Dan ; Li, Hui-Yi ; Li, Bo-Chen ; Liu, Gong-Zhao
Source title: Applied Physics A: Materials Science and Processing
3. **Accession number:** 20250717867499
Title: Insight into the magnetic properties and magnetocaloric effect of a MBene-like monolayer
Authors: Huang, Si-Yu ; Xiao, Bo-Wen ; Liang, Ji ; Zou, Sheng ; Xu, Zi-Yi ; Wang, Wei
Source title: Applied Physics A: Materials Science and Processing
4. **Accession number:** 20251318144482
Title: SiC embedded in coral-shaped Ni-Co-P nanohybrids for enhanced overall water electrolysis performance
Authors: Wang, Xin-Ping ; Yu, Ming-Xing ; Qu, Xing-Hao ; Shi, Gui-Mei ; Wang, Xiao-Lei
Source title: Applied Physics A: Materials Science and Processing
5. **Accession number:** 20251318143812
Title: Construction of CoNi₂S₄@Ni(OH)₂ Nanosheet Structures for Asymmetric Supercapacitors with Excellent Performance
Authors: Tong, Yongli ; Chi, Baoqian ; Jiang, Yu ; Wu, Xiang
Source title: Batteries
6. **Accession number:** 20250717865676
Title: First-principles investigations on the elastic properties, thermodynamic properties, electronic structures and anisotropy sound velocity of AlTi₃N, AlTi₂N, AlTi₄N₃ and Al₂Ti₃N₂ ternary nitrides
Authors: Wang, Kun ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
7. **Accession number:** 20250717864329
Title: The influence of Zr, Hf, Ti and Sc on the lattice vibration, mechanical, tensile stress-strain, electronic and optical properties of Al₄C₃ from first-principles calculations
Authors: Zheng, Dongyu ; Wang, Kun ; Zhang, Xudong ; Wang, Feng ; Liu, Bin
Source title: Chemical Physics Letters
8. **Accession number:** 20250217671996
Title: Green synthesis and tunable microwave absorption properties of core-shell structure SiC@Ni/C(N) nanocomposites
Authors: Yu, Di ; Shi, Gui-Mei ; Bao, Xiu-Kun ; Shi, Fa-Nian
Source title: Colloids and Surfaces A: Physicochemical and Engineering Aspects
9. **Accession number:** 20250617807911

Title: The Fe-N system: crystal structure prediction, phase stability, and mechanical properties

Authors: Bao, Ergen ; Zhao, Jinbin ; Gao, Qiang ; Shahid, Ijaz ; Ma, Hui ; Luo, Yixiu ; Liu, Peitao ; Sun, Yan ; Chen, Xing-Qiu

Source title: Computational Materials Science

10. Accession number: 20251718314365

Title: Tunable microwave absorption performances of N, S co-doped carbon nanofibers embedded with Ni/NiS/NiS₂ nanohybrids

Authors: Lv, Wen-Bo ; Qu, Xing-Hao ; Shi, Gui-Mei ; Yu, Di ; Shi, Fa-Nian

Source title: Diamond and Related Materials

11. Accession number: 20252118474928

Title: Optimal collaborative multiple attack strategy under the energy constraint in cyber-physical systems

Authors: Bai, Jing ; Li, Yi-Gang ; Ren, Xiu-Xiu ; Liu, Xuan

Source title: International Journal of Systems Science

12. Accession number: 20252118469124

Title: Mott-Schottky heterojunction design in Cu/Fe₂N@NC catalyst with interfacial electron redistribution for enhanced oxygen reduction reaction in zinc-air batteries

Authors: Chen, Huanhuan ; Lv, Enmin ; Qin, Maofan ; Qu, Xinghao ; Yu, Hongtao ; Zhang, Xuefeng ; Dong, Xinglong

Source title: Journal of Alloys and Compounds

13. Accession number: 20251718295292

Title: High corrosion resistance and tensile strength in SAC305/Cu solder joint via super-rapid cooling

Authors: Yang, Jiyu ; Ren, Hao ; Yang, Linmei ; Huang, Te ; Buren, Bayaer ; Liang, Yawei

Source title: Journal of Materials Science: Materials in Electronics

14. Accession number: 20252118461532

Title: Preparation and tunable microwave absorption capacities of tubular NiFe@CN nanocomposites via a self-sacrificed template of NiFe Prussian blue analogs

Authors: Liu, Ti-Ying ; Qu, Xing-Hao ; Shi, Gui-Mei ; Yu, Di ; Wang, Xiao-Lei

Source title: Journal of Materials Science: Materials in Electronics

15. Accession number: 20251918378186

Title: Inhibition of Bi segregation in Sn-58Bi/Cu solder joint by controlling the grain of Cu substrate

Authors: Liang, Yawei ; Yang, Linmei ; Yang, Jiyu ; Ren, Hao ; Buren, Bayaer

Source title: Materials Letters

16. Accession number: 20252218504446

Title: Development and Application of a Novel Ultrafiltration Membrane for Efficient Removal of Dibutyl Phthalate from Wastewater

Authors: Zhou, Qiang ; Chen, Meiling ; Jiang, Yushan ; Zhang, Linnan ; Wang, Yanhong

Source title: Membranes

17. Accession number: 20252118475761

Title: Challenges and future prospects of the 2D material-based composites for microwave absorption

Authors: Ren, Jia ; Shi, Ping ; Zu, Xinyan ; Ding, Lei ; Liu, Feng ; Wang, Yuzheng ; Wu, Yuhan ; Shi, Guimei ; Wu, Yusheng ; Li, Laishi

Source title: Nanoscale

18. Accession number: 20251718275108

Title: Event-triggered sliding mode control for uncertain fuzzy systems with multiple input matrices

Authors: Zhang, Jianyu ; Wang, Yingying ; Liu, Liangxuan ; Zhao, Peng

Source title: Nonlinear Dynamics

19. Accession number: 20252118487058

Title: Magnetic properties of a graphene-like Heisenberg system with four-sublattice superlattice

Authors: Liu, Xin ; Liu, Shuangshuang ; Kai, Xiuli ; Zhang, Fan

Source title: Physica B: Condensed Matter

20. Accession number: 20251318118495

Title: Stereodynamical control of resonances in the $\text{Cl} + \text{H}_2$ ($v = 1, j = 1$) $\rightarrow$ $\text{HCl} + \text{H}$ reaction

Authors: Liu, Xin ; Liu, Shuangshuang ; Kai, Xiuli ; Zhang, Fan

Source title: Physica B: Condensed Matter

21. Accession number: 20251618246227

Title: First-principles calculations of M₂SB (M = Hf, Zr and Nb) under high pressure

Authors: Chen, Shiyi ; Ma, He ; Zhang, Xudong ; Chen, Lijia ; Wu, Hao ; Li, Haonan

Source title: Physics Letters, Section A: General, Atomic and Solid State Physics

22. Accession number: 20251418165006

Title: Exploring the effects of substitution site selectivity on structural transition and magnetocaloric effect in MnCoGe alloy

Authors: Zhang, Hao ; Bao, Lifu ; Zhang, Xudong ; Sang, Yongzhuo ; Ding, Yunzhe ; J., Gao ; D., Zhao ; H., Zhang ; M., Tian ; Y., Bai ; Z., Li

Source title: Physics Letters, Section A: General, Atomic and Solid State Physics

(七) 建筑与土木工程学院 (32 篇)

1. **Accession number:** 20251818348843
Title: High entropy alloy CoCrFeNiAlMox coatings as cost-effective bifunctional catalysts for enhanced water electrolysis efficiency
Authors: Huo, Xiaoran ; Zhang, Yuanwu ; Zhong, Jinyuan ; Zhou, Ge ; Zuo, Xiaojiao ; Zhang, Nannan ; Xu, Xuelu
Source title: Applied Surface Science
2. **Accession number:** 20250217652520
Title: 3D Printed Concrete for Sustainable Construction: A Review of Mechanical Properties and Environmental Impact
Authors: Hassan, Amer ; Alomayri, Thamer ; Noaman, Mohammed Faisal ; Zhang, Chunwei
Source title: Archives of Computational Methods in Engineering
3. **Accession number:** 20250817916841
Title: A novel fuzzy reinforcement learning approach for personalization deep brain stimulation with communication delay
Authors: Su, Long ; Alattas, Khalid A. ; Ayadi, Walid ; Lynton, Zorana ; Ghaderpour, Ebrahim ; Mohammadzadeh, Ardashir ; Zhang, Chunwei
Source title: Biomedical Signal Processing and Control
4. **Accession number:** 20250617807857
Title: Effect of strain and external electric field on the optoelectronic properties of HfS₂/ZrSe₂ heterostructures
Authors: Sun, Shihang ; Yang, Lu ; Zhao, Yanshen ; Liu, Huaidong ; Wei, Xingbin
Source title: Computational Materials Science
5. **Accession number:** 20252218502247
Title: Effect of temperature on NaCl migration properties within nano-channels of graphene, graphene oxide, and nano-silica modified cementitious composites: A molecular dynamics study
Authors: He, Jianlin ; Zhang, Chunwei
Source title: Diamond and Related Materials
6. **Accession number:** 20251618239575
Title: Sustainable valorization of coal gasification slag through optimized grinding kinetics: Composite cement compressive strength enhancement and environmental assessment
Authors: Hu, Ziyang ; Gu, Xiaowei ; Li, Zhijun ; Hu, Zhihang ; Liu, Jianping ; Wang, Shenyu ; Wang, Hao
Source title: Environmental Research
7. **Accession number:** 20250517792464
Title: Comprehensive evaluation of low-carbon cementitious materials prepared with industrial by-product calcium carbide residue (CCR) as alkali source
Authors: Ge, Xiaowei ; Gu, Xiaowei ; Song, Ge ; Liu, Jianping ; Wang, Shenyu ; Hu, Ziyang ; Wang, Xu ; Hu, Zhihang ; Wang, Hao
Source title: Environmental Research
8. **Accession number:** 20251718279413

Title: Reutilization of steel slag (SS) in super sulfate cement (SSC): A comparative study of SS dosage and carbonation treatment on strength development, hydration behavior and sustainable development

Authors: Ge, Xiaowei ; Gu, Xiaowei ; Liu, Jianping ; Song, Ge ; Liu, Shaoqian ; Wang, Xu ; Wang, Shenyu ; Hu, Ziyang ; Wang, Hao ; Nehdi, Moncef L.

Source title: Environmental Research

9. Accession number: 20252218521544

Title: Effect of tensile strain on the optoelectronic properties of defective Te systems MoTe₂

Authors: Shi, Zhihong ; Wang, Ying ; Yang, Nan ; Ji, Jinghan ; Liu, Guili ; Zhang, Guoying

Source title: European Physical Journal B

10. Accession number: 20251918376573

Title: Influence of biaxial strain on the optoelectronic properties of Se-doped monolayer MoTe₂

Authors: Wang, Jinghao ; Liu, Guili ; Yang, Xiaotong ; He, Jianlin ; Ma, Mengting ; Dai, Ying ; Tian, Zilian ; Zhang, Guoying

Source title: European Physical Journal B

11. Accession number: 20251818330365

Title: Dynamic mechanical behaviors and cracking mechanisms of non-straight flaws in tuff

Authors: Sun, Gang ; Wang, Junxiang ; Tian, Jieru ; Han, Ruibin ; Ba, Jinlu ; Wang, Hao ; Yu, Haiyue

Source title: International Journal of Mechanical Sciences

12. Accession number: 20252018411443

Title: Preparation and Mechanical Properties of Muck-Iron Ore Tailings Foamed Lightweight Soil

Authors: Zhong, Mingyang ; Zhang, Jingyu ; Ning, Baokuan ; Cui, Taotao ; Shi, Xinxin ; Cui, Tong

Source title: International Journal of Pavement Research and Technology

13. Accession number: 20251618252448

Title: Plasma-sprayed porous high-entropy alloy coatings as cost-effective and durable catalysts for efficient alkaline water splitting

Authors: Huo, Xiaoran ; Zhang, Yuanwu ; Zhou, Ge ; Zhong, Jinyuan ; Zuo, Xiaojiao ; Zhang, Nannan ; Xu, Xuelu

Source title: Journal of Alloys and Compounds

14. Accession number: 20252118463727

Title: Effects of polarization potential on the passive film properties of CoCrFeNi high-entropy alloy

Authors: Xing, Bowei ; Jin, Bingqian ; Zhang, Xingye ; Xu, Xuelu ; Zhang, Nannan ; Zuo, Xiaojiao

Source title: Journal of Alloys and Compounds

15. Accession number: 20251718294759

Title: Effect of nano- and micron-materials on the thermal properties behavior in wet environments and heat transfer mechanism of foam concrete

Authors: Dong, Kaihe ; Chen, Sili ; Liu, Jianping ; Shi, Xinxin ; Zhang, Jingyu ; Meng, Jinzhu

- Source title:** Journal of Building Engineering
- 16. Accession number:** 20251618263704
Title: Exploring the optoelectronic properties of monolayer PtS₂, ZrS₂, and PtS₂/ZrS₂ van der Waals heterostructures under shear strain
Authors: Yang, Hang ; Yang, Lu ; Bao, Jinlin ; Liu, Huaidong ; Zhao, Yanshen
Source title: Journal of Computational Electronics
- 17. Accession number:** 20251218097156
Title: Nonlinear Magnetic Spring TMD for Vibration Control under Seismic Excitation
Authors: Wang, Shuaizheng ; Zhang, Jianhua ; Chea, Cheav Por ; Gao, Dianwei
Source title: Journal of Earthquake Engineering
- 18. Accession number:** 20252018408699
Title: Damage behavior and microscopic simulation of limestone under dissolution and cyclic loads
Authors: Meng, Jinzhu ; Wang, Junxiang ; Chen, Sili ; Li, Xinran ; Zhang, Jingyu ; Sun, Gang
Source title: Journal of Materials Science
- 19. Accession number:** 20251718295551
Title: Effect of bi-directional tensile strain on photoelectric properties of Si-doped of ZrS₂
Authors: Shi, Zhihong ; Wang, Ying ; Yang, Nan ; Ji, Jinghan ; Liu, Guili ; Zhang, Guoying
Source title: Journal of Nanoparticle Research
- 20. Accession number:** 20252018409002
Title: Axial compression behavior of circular high-strength self-compacting concrete-filled steel tubes with chloride corrosion
Authors: Wang, Weiwei ; Lyu, Xuetao ; Zheng, Zhiyuan ; Li, Ben ; Zheng, Jun ; Wu, Fanghong ; Yu, Yang
Source title: Marine Structures
- 21. Accession number:** 20252018437732
Title: Copper-induced formation of L10-FePtCu nanoparticles with enhanced structural ordering and magnetic properties
Authors: Zhao, Dong ; Chang, Ling ; Jiang, Xuan ; Zhang, Liang ; Wang, Qunshou ; Wen, Ming ; Zhang, Kunhua ; Lou, Changsheng ; Lyu, Xiao ; Pei, Wenli
Source title: Materials Letters
- 22. Accession number:** 20251518229500
Title: Experimental investigation on the influence of sonication parameter for enhancing the mechanical properties of cement mortar with graphene oxide integration
Authors: Avudaiappan, Siva ; Zhang, Chunwei ; Arunachalam, Krishna Prakash ; Ramakrishnan, Kiruthiga ; Arrue Munoz, Ramon Francisco ; Canales, Cristian ; Shanmugaraj, Krishnamoorthy ; Rednam, Udayabhaskar ; Viswanathan, Mangalaraja Ramalinga ; Fernández, Katherina
Source title: Materials Research Express
- 23. Accession number:** 20251418188083
Title: Molecular dynamics simulation of impact compression of Gr(GO)/C-S-H composites
Authors: He, Jianlin ; Arab, Ali ; Zhang, Chunwei
Source title: Materials Science and Engineering: B

24. **Accession number:** 20251518215336
Title: Investigation of impact and vibration behaviours of composite honeycomb sandwich shell panels with foam reinforcement
Authors: Li, Zelin ; Li, Hui ; Yang, Yao ; Ren, Chaohui ; Zhang, Haiyang ; Wang, Haijun ; Zhou, Jin ; Zhou, Bo ; Guan, Zhongwei
Source title: Materials Science and Engineering: B
25. **Accession number:** 20252018438677
Title: Effect of strain on the thermodynamic stability of monolayer MoSe₂, WSe₂ and MoSe₂/WSe₂ heterostructure
Authors: Yang, Hang ; Yang, Lu ; Wei, Xingbin ; Tian, Zilian
Source title: Physica Scripta
26. **Accession number:** 20251518229100
Title: Investigation on the variable damping mechanism and hysteretic behavior of novel STF-FS isolator
Authors: Sun, Li ; Zhang, Jingxuan ; Liang, Tianqi ; Hou, Meng ; Liu, Mingche ; Zhang, Chunwei
Source title: Smart Materials and Structures
27. **Accession number:** 20252118470102
Title: The axial compressive performance of CFSP walls under the multi-axial strength theory
Authors: Xiao, Hongmei ; Zhu, Limeng ; Zhang, Chunwei
Source title: Structures
28. **Accession number:** 20251618272185
Title: Tuning the electronic and optical properties in MoSeS and WSeS monolayers by mechanical strains
Authors: Liu, Huaidong ; Yang, Lu ; Wei, Xingbin ; Sun, Shihang ; Zhao, Yanshen
Source title: Surface Science
29. **Accession number:** 20251918389560
Title: Effect of biaxial strain on monolayer and defective SnSe₂ systems: A first-principles study
Authors: Lou, Miaomiao ; Liu, Guili ; Xu, Meng ; Liu, Yuan ; Zhang, Guoying
Source title: Surface Science
30. **Accession number:** 20251318147154
Title: RESEARCH ON WIND POWER BLADE FRACTURE WARNING BASED ON NEST MODEL
Authors: Chang, Li ; Wang, Suisui ; Zhou, Bo ; Li, Hui
Source title: Taiyangneng Xuebao/Acta Energaie Solaris Sinica
31. **Accession number:** 20251318128719
Title: Application of Improved Pelican Optimization Algorithm-Convolutional Neural Networks-Bidirectional Gated Recurrent Unit Model in Predicting Foundation Pit Dewatering
Authors: Yu, Weihe ; Huang, Zhiqiang ; Wang, Naiyi ; Zhang, Ning
Source title: Tunnel Construction
32. **Accession number:** 20252018437354

Title: Study on the influence of fragmentation distribution of blasting heap on fractal characteristics of pore structure

Authors: Cui, Zhesen ; Chai, Qingping ; Liu, Zhilong ; Wang, Xuesong ; Yuan, Zengsen ; Xu, Zhenyang

Source title: Yanshilixue Yu Gongcheng Xuebao/Chinese Journal of Rock Mechanics and Engineering

(八) 软件学院 (8 篇)

1. **Accession number:** 20250717876670
Title: MECF-Net: A prostate cancer lymph node metastasis classification method based on 18F-PSMA-1007 and 18F-FDG dual-tracer PET/CT image feature optimization
Authors: Hao, Junchen ; Cui, Yan ; Jiang, Huiyan ; Tong, Guoyu ; Li, Xuena
Source title: Biomedical Signal Processing and Control
2. **Accession number:** 20251718314238
Title: A simple and reliable semi-supervised anomaly detection network for detecting crack in stamped parts
Authors: Dong, Xingjun ; Zhang, Changsheng ; Liu, Shuaitong ; Wang, Dawei
Source title: Computers in Industry
3. **Accession number:** 20250217670140
Title: Inspection of cracking in stamping parts surfaces using anomaly detection
Authors: Dong, Xingjun ; Zhang, Changsheng ; Wang, Dawei ; Guo, Qi ; Deng, Xinrui ; Li, Chenyu
Source title: Engineering Applications of Artificial Intelligence
4. **Accession number:** 20252018422026
Title: Multi-Task Collaborative Assisted Training Method for Grouping Fuzzy Categories Classification of Cervical Cancer Cells
Authors: Chen, Yizhou ; Jiang, Huiyan ; Pang, Wenbo ; Diao, Zhaoshuo ; Yang, Jing
Source title: IEEE Journal of Biomedical and Health Informatics
5. **Accession number:** 20251418185315
Title: Three-Decoder Cross-Modal Interaction Network for Unregistered RGB-T Salient Object Detection
Authors: Wen, Xin ; Zhao, Jianxun ; He, Yu ; Yin, Haixu
Source title: IEEE Transactions on Instrumentation and Measurement
6. **Accession number:** 20251218087861
Title: Fine-Grained Tiny Defect Detection in Spiral Welds: A Joint Framework Combining Semantic Discrimination and Contrast Transformation
Authors: Cui, Wenqi ; Song, Kechen ; Zhang, Yu ; Zhang, Yanning ; Lv, Guotong ; Yan, Yunhui
Source title: IEEE Transactions on Instrumentation and Measurement
7. **Accession number:** 20251818329994
Title: PointNorm-Net: Self-Supervised Normal Prediction of 3D Point Clouds via Multi-Modal Distribution Estimation
Authors: Zhang, Jie ; Nie, Minghui ; Zou, Changqing ; Liu, Jian ; Liu, Ligang ; Cao, Junjie
Source title: IEEE Transactions on Instrumentation and Measurement
8. **Accession number:** 20251818352166
Title: Learnable confidence-driven asymmetric attention fusion mechanism for PET/CT tumor segmentation
Authors: Diao, Zhaoshuo ; Zhang, Yan ; Xu, Yang ; Chen, Xi ; Sun, Zongzhe
Source title: Journal of Supercomputing

(九) 人工智能学院 (13 篇)

1. **Accession number:** 20251718274620
Title: A S-shaped feedrate based NURBS interpolator for synchronization of robot tool tip trajectory and attitude
Authors: Liu, Guanghui ; Tan, Fuyuan ; Zhang, Ming ; Li, Qiang ; Fang, Lijin
Source title: Asian Journal of Control
2. **Accession number:** 20251518198445
Title: DRSC: Dual-Rewighted Siamese Contrastive Learning Network for Cross-Domain Rotating Machinery Fault Diagnosis With Multi-Source Domain Imbalanced Data
Authors: Bi, Yuanguo ; Fu, Rao ; Jiang, Cunyu ; Zhang, Xiaoling ; Li, Fengyun ; Zhao, Liang ; Han, Guangjie
Source title: IEEE Internet of Things Journal
3. **Accession number:** 20251618243256
Title: Enhancing Robot Learning Through Cognitive Reasoning Trajectory Optimization Under Unknown Dynamics
Authors: Dong, Qingwei ; Wu, Tingting ; Zeng, Peng ; Zang, Chuanzhi ; Wan, Guangxi ; Cui, Shijie
Source title: IEEE Robotics and Automation Letters
4. **Accession number:** 20251518196171
Title: SFANet: Visible-Infrared Person Re-Identification With Shape-Guided Feature Aggregation
Authors: Cheng, Zhuxuan ; Zhang, Zhijia ; Fan, Huijie ; Ding, Wu
Source title: IEEE Sensors Journal
5. **Accession number:** 20251518196171
Title: SFANet: Visible-Infrared Person Re-Identification With Shape-Guided Feature Aggregation
Authors: Cheng, Zhuxuan ; Zhang, Zhijia ; Fan, Huijie ; Ding, Wu
Source title: IEEE Sensors Journal
6. **Accession number:** 20251618246188
Title: TJCMNet: An Efficient Vision-Text Joint Identity Clues Mining Network for Visible-Infrared Person Re-Identification
Authors: Cheng, ZhuXuan ; Zhang, ZhiJia ; Fan, Huijie ; Na, XingQi
Source title: IEEE Signal Processing Letters
7. **Accession number:** 20252018434720
Title: Optimal Non-strict Stealthy Attacks With Utilization of Side Information and Maximum Integration of Historical Data in Cyber-physical Systems
Authors: Shan, Hua-Sheng ; Li, Yi-Gang ; Sun, Ping
Source title: International Journal of Control, Automation and Systems
8. **Accession number:** 20251218100476
Title: Gformer: a novel spatio-temporal transformer network for accurate traffic flow prediction
Authors: Zhao, Yuan ; Li, Mingxin ; Lei, Hang ; Wen, Shixi ; Zhao, Hui ; Liu, Lichuan
Source title: International Journal of Machine Learning and Cybernetics

- 9. Accession number:** 20252118474928
Title: Optimal collaborative multiple attack strategy under the energy constraint in cyber-physical systems
Authors: Bai, Jing ; Li, Yi-Gang ; Ren, Xiu-Xiu ; Liu, Xuan
Source title: International Journal of Systems Science
- 10. Accession number:** 20251918381990
Title: Delay compensation strategy of networked control system based on integral sliding mode controller
Authors: Tang, Fei
Source title: Journal of Control and Decision
- 11. Accession number:** 20251418157426
Title: Data-Driven Tracking Control of a Cushion Robot with Safe Autonomous Motion Considering Human-Machine Interaction Environment
Authors: Sun, Ping ; Shan, Rui ; Chang, Hongbin ; Wang, Shuoyu
Source title: Journal of Dynamic Systems, Measurement and Control
- 12. Accession number:** 20252218514870
Title: Fluorine-engineered high-entropy layered oxyfluorides enable ultrafast and stable sodium storage: Synergistic stabilization and kinetics enhancement
Authors: Li, Junyi ; Zhang, Dan ; Zhao, Lina ; Wen, Yuhao ; Zhang, Hongjian ; Bi, Shangyi ; Lu, Shanshan ; Yin, PeiPei ; Liu, Li ; Shi, Fanian ; Chang, Yunlong ; Qiu, Hailong ; Zhang, Haitao
Source title: Journal of Power Sources
- 13. Accession number:** 20251818344305
Title: Flexible job-shop scheduling based on improved proximal policy optimization algorithm
Authors: Wang, Yan-Hong ; Fu, Wei-Tong ; Zhang, Jun ; Tan, Yuan-Yuan ; Tian, Zhong-Da
Source title: Kongzhi yu Juece/Control and Decision

(十) 环境与化学工程学院 (25 篇)

1. **Accession number:** 20251818354560
Title: Alkaline Copper Phosphate Coating Exhibiting Zincophilic and Hydrophobic Characteristics Achieves High-Performance in Aqueous Zinc-Ion Batteries
Authors: Bao, Qingpeng ; Gong, Zhe ; Wang, Peng-Fei ; Shi, Fa-Nian ; Zhu, Min
Source title: ACS Applied Energy Materials
2. **Accession number:** 20250417733586
Title: Biomimetic Janus Particles Induced In Situ Interfacial Remineralization for Dentin Hypersensitivity
Authors: Han, Bing ; Song, Yilin ; Wang, Shi ; Yang, Tiantian ; Sun, Zetao ; Wang, Aijing ; Jin, Moran ; Yang, Zhenzhong ; Wang, Xiaoyan ; Liang, Fuxin
Source title: Advanced Functional Materials
3. **Accession number:** 20250717867052
Title: Exploration of dynamic magnetic characteristics and magnetocaloric effects of the metal-coordinated polymer [Dy₂Cu₂]_n
Authors: Lv, Dan ; Li, Hui-Yi ; Li, Bo-Chen ; Liu, Gong-Zhao
Source title: Applied Physics A: Materials Science and Processing
4. **Accession number:** 20250417757431
Title: Enhancing humification in high-temperature composting: Insights from endogenous and exogenous heating strategies
Authors: Zhao, Chaoyue ; Ma, Feng ; Wang, Youzhao ; Li, Xu ; Zhang, Yanping ; Wang, Zhipeng ; Xiong, Wei ; Gao, Xiaolong ; Ma, Yongguang ; Yang, Fuxin ; Zhu, Tong
Source title: Bioresource Technology
5. **Accession number:** 20250817917109
Title: Enhancement of high-temperature solar-blind UV photodetector performance on 4H - SiC substrates by deposition of ultrawide bandgap diamond films
Authors: Huang, Ming ; Yang, Bing ; Xu, Ge ; Lu, Jiaqi ; Guo, Yubin ; Weng, Lingyue ; Sun, Dongming
Source title: Carbon
6. **Accession number:** 20251418166022
Title: High electrochemical performance of Tb doping Na₃Zr₂Si₂PO₁₂ solid electrolyte by manipulating phase structures
Authors: Huang, Haixiong ; Wang, Linxiang ; Zhi, Boxiong ; Fan, Jiangtao ; Mi, Yishuo ; Ma, Hailiang ; Tang, Yuanyuan ; Liang, Jiyan ; Hu, Zhanggui ; Yang, Tiantian
Source title: Ceramics International
7. **Accession number:** 20250217671996
Title: Green synthesis and tunable microwave absorption properties of core-shell structure SiC@Ni/C(N) nanocomposites
Authors: Yu, Di ; Shi, Gui-Mei ; Bao, Xiu-Kun ; Shi, Fa-Nian
Source title: Colloids and Surfaces A: Physicochemical and Engineering Aspects
8. **Accession number:** 20251718314365
Title: Tunable microwave absorption performances of N, S co-doped carbon nanofibers embedded with Ni/NiS/NiS₂ nanohybrids

- Authors:** Lv, Wen-Bo ; Qu, Xing-Hao ; Shi, Gui-Mei ; Yu, Di ; Shi, Fa-Nian
Source title: Diamond and Related Materials
- 9. Accession number:** 20250217662776
Title: Sulfolane Plasticized PVDF-HFP/PEO High-Voltage Gel Polymer Electrolyte
Authors: Jiang, Xin ; Hu, Xue-Tong ; Fan, Yi-Wei ; Chen, Ting-Ting ; Lu, Kun-Rong ; Wang, Peng-Fei ; Wu, Yu-Han ; Shi, Fa-Nian ; Zhang, Yu-Hang
Source title: Energy and Fuels
- 10. Accession number:** 20251718293446
Title: Prussian blue analogues for advanced non-aqueous sodium ion batteries: Redox mechanisms, key challenges and modification strategies
Authors: Zhao, Lina ; Bi, Shangyi ; Li, Junyi ; Wen, Yuhao ; Zhang, Hongjian ; Zhang, Dan ; Lu, Shanshan ; Yin, PeiPei ; Shi, Fanian ; Yan, Jie ; Pan, Shanshan ; Zhang, Haitao
Source title: Energy Storage Materials
- 11. Accession number:** 20251818350026
Title: Hydrogen storage kinetics of TiH₂/ZrCl₄ catalyst based on MgH₂
Authors: Sui, Jin-Yang ; Jiang, Wei ; Si, Nan ; Wang, Zan ; Cao, Zhuo
Source title: International Journal of Hydrogen Energy
- 12. Accession number:** 20251818322549
Title: Synergistic effect of Y₂O₃ and carbon coating of silicon anode achieved high stable lithium storage
Authors: Cui, Yu-Nan ; Jiang, Tian-Jiao ; Guan, Qian-qian ; Liu, Li ; Yang, Gang ; Wang, Peng-Fei ; Zhang, Yu-Hang ; Tian, Li-Yan ; Li, Yun-Heng ; Shi, Fa-Nian
Source title: International Journal of Hydrogen Energy
- 13. Accession number:** 20252018419836
Title: Liquid-permeable and solid-blocking hydrogel barrier layer enables dendrite-free growth of zinc anodes in aqueous zinc-ion batteries
Authors: Du, Li-li ; Wang, Sheng-wen ; Song, Wei-jia ; Liu, Huan ; Wang, Peng-fei ; Zhu, Min ; Gong, Zhe ; Zhang, Yu-hang ; Wu, Yu-han ; Shi, Fa-nian
Source title: Journal of Alloys and Compounds
- 14. Accession number:** 20252118451403
Title: The ZnMoO₄/MoxOy metal-oxygen clusters for the construction of interfacial layers for anode-free aqueous zinc-ion batteries
Authors: Song, Wei-jia ; Li, Zhuo ; Du, Li-li ; Bao, Qing-peng ; Wang, Peng-fei ; Zhang, Yu-hang ; Wu, Yu-han ; Shi, Fa-nian ; Zhu, Min ; Zhu, Kai
Source title: Journal of Alloys and Compounds
- 15. Accession number:** 20251518205754
Title: Enhancing the Performance of Flexible Polyimide Aerogels by Structural Tuning via Freeze-Drying and Water-Soluble Crosslinker Design
Authors: Zhao, Yuzhuo ; Hua, Xia ; Qin, Yifan ; Tang, Tao ; Liu, Jie ; Zhang, Wenzheng ; Liang, Bing ; Li, Sanxi
Source title: Journal of Applied Polymer Science
- 16. Accession number:** 20251418190568
Title: Aqueous potassium-ion battery cathodes: Current status and prospects

Authors: Ye, Mingyuan ; Guan, Yinyan ; Xu, Rui ; Wang, Pengfei ; Zhang, Yuhang ; Yu, Jie ; Li, Deping ; Li, Lin ; Zhao, Qing ; Wang, Zhijie ; Liang, Jiyan ; Wu, Yuhan

Source title: Journal of Energy Chemistry

17. Accession number: 20251718314480

Title: Synergistic effect of MOF-derived carbon-supported CoNi and FeNi bimetallic catalysts on hydrogen storage kinetics of MgH₂

Authors: Hu, Jin-Qiu ; Jiang, Wei ; Si, Nan ; Wang, Zan ; Cao, Zhuo

Source title: Journal of Energy Storage

18. Accession number: 20251918375063

Title: Influence of Plasma Electrolytic Oxidation Parameters on Laser Welding of Aluminum Alloy and Glass

Authors: Chen, Changjun ; Shao, Jiaqi ; Lu, Yikai ; Tian, Chen ; Zhang, Min ; Zhang, Wei

Source title: Journal of Materials Engineering and Performance

19. Accession number: 20252118475580

Title: Review: MXenes—properties, synthesis, hydrogen storage, catalytic performance, and future prospects

Authors: Hou, Runze ; Jiang, Wei

Source title: Journal of Materials Science

20. Accession number: 20251518226062

Title: Application of porous carbon materials prepared from polyurethane foam waste in zinc-ion hybrid capacitors

Authors: Wang, Song ; Duan, Lin

Source title: Journal of Materials Science

21. Accession number: 20252218505988

Title: Preparation of Cu-Bi-Pd trimetallic electrode for efficient electrochemical denitrification process

Authors: Gao, Weichun ; Liu, Xueying ; Li, Dan ; Chen, Shengnan ; Guan, Yinyan ; Geng, Cong ; Liang, Jiyan ; Yu, Chang

Source title: Journal of Solid State Electrochemistry

22. Accession number: 20252218514586

Title: Porous 3D boron nitride meteorite as an efficient and reusable adsorbent for antibiotic removal

Authors: Zhang, Shihao ; Wang, Junran ; Wang, Yanqing ; Liu, Feng ; Ding, Lei ; Qi, Jingjing ; Wang, Yuzheng ; Wu, Yuhan ; Li, Laishi ; Wu, Yusheng

Source title: Materials Letters

23. Accession number: 20251618264845

Title: Single-Crystal Diamond Nanowires Embedded with Platinum Nanoparticles for High-Temperature Solar-Blind Photodetector

Authors: Lu, Jiaqi ; Zhang, Xinglai ; Feng, Shun ; Yang, Bing ; Huang, Ming ; Guo, Yubin ; Weng, Lingyue ; Huang, Nan ; Liu, Lusheng ; Jiang, Xin ; Sun, Dongming ; Cheng, Huiming

Source title: Nano-Micro Letters

24. Accession number: 20252118475761

Title: Challenges and future prospects of the 2D material-based composites for microwave absorption

Authors: Ren, Jia ; Shi, Ping ; Zu, Xinyan ; Ding, Lei ; Liu, Feng ; Wang, Yuzheng ; Wu, Yuhan ; Shi, Guimei ; Wu, Yusheng ; Li, Laishi

Source title: Nanoscale

25. Accession number: 20251818334443

Title: Research Progress of Electrolytes and Electrodes for Lithium- and Sodium-Ion Batteries at Extreme Temperatures

Authors: He, Xueyang ; Ling, Yuhang ; Wu, Yuhan ; Lei, Yong ; Cao, Dawei ; Zhang, Chenglin

Source title: Small

(十一) 石油化工学院 (19 篇)

1. **Accession number:** 20251918363109
Title: High-Efficiency Deep Blue OLEDs With Hot Exciton Materials as Emitters and Hosts
Authors: Zhang, Lveting ; Hu, Dehua ; Wang, Shipan ; Pan, Yuyu ; Tan, Wenle ; Yu, Yue ; Li, Mingke ; Ying, Lei ; Ma, Yuguang
Source title: Advanced Optical Materials
2. **Accession number:** 20251418177285
Title: Synthesis of fluorinated biomimetic hydrophobic gas diffusion cathodes for catalytic hydrogen peroxide
Authors: Yu, Qi ; Liu, Zhexiu ; Li, Jiefei
Source title: Catalysis Science and Technology
3. **Accession number:** 20250817901895
Title: A novel solid-phase activation approach to activate kaolinite-rich soil for LTA zeolite synthesis
Authors: Zheng, Qian ; Wang, Ziwei ; Tian, Zhouyang ; Cai, Lin ; Jiang, Chengfeng ; Deng, Lili ; Yang, Dazhong ; Wei, Zhenhua
Source title: Chemical Engineering Journal
4. **Accession number:** 20250417758040
Title: Theoretical study and molecular design of luminescent properties of TADF emitters with 'axial and equatorial carbazolyl extension' structures
Authors: Hou, Baoming ; Li, Yuheng ; Liu, Meiqi ; Pan, Yuyu ; Yang, Bing
Source title: Chemical Physics Letters
5. **Accession number:** 20252018436880
Title: Preparation and properties of PVAL/CA/TP films for citrus preservation
Authors: Lyu, Weisi ; Guo, Keyun ; Huang, Feihong ; Li, Fenghong
Source title: Engineering Plastics Application
6. **Accession number:** 20252018436754
Title: Preparation and properties of PVAL/ β -CD-CIN films
Authors: Lyu, Weisi ; Guo, Keyun ; Huang, Feihong ; Li, Fenghong ; Li, Pengzhen
Source title: Engineering Plastics Application
7. **Accession number:** 20252018443160
Title: Optimization of deep eutectic solvent-catalyzed preparation of diisooctyl adipate by response surface methodology
Authors: Xu, Shijie ; Hu, Zhiquan ; Shen, Guoliang ; Zheng, Rongrong ; Wen, Ruiyang ; Liu, Yuelei
Source title: Engineering Plastics Application
8. **Accession number:** 20252018437390
Title: Preparation and properties of PUE based on cyclohexyl-modified PBCHA as soft segment
Authors: Qu, Miao ; Li, Jixin
Source title: Engineering Plastics Application
9. **Accession number:** 20250317686036
Title: Application of machine learning in polyimide structure design and property regulation

- Authors:** Huo, Wenjia ; Wang, Haiyue ; Guo, Liying ; Zheng, Rongrong ; Liang, Boyang ; Wu, Xiang ; Wang, Cheng
Source title: High Performance Polymers
- 10. Accession number:** 20251918377682
Title: Ensemble-Learning-Guided Optimization Design for Metal-Organic Framework Adsorbents toward CO Adsorption
Authors: Tao, Wenyuan ; Zhao, Wenkai ; Zhao, Qidong ; Xiao, Yonghou
Source title: Inorganic Chemistry
- 11. Accession number:** 20251318147357
Title: Preparation and properties of polyester-type polyurethane elastomer
Authors: Qu, Miao ; Li, Jixin
Source title: Jingxi Huagong/Fine Chemicals
- 12. Accession number:** 20252118484890
Title: Experimental and density functional theory study on the efficient degradation of methyl orange dye by Ag₂O/TiO₂ composite photocatalyst driven by low-power irradiation
Authors: Zhang, Mingliang ; Wu, Yonghong ; Shao, Xiaowen ; Jin, Xin ; Zhang, Jiahe ; Zhang, Bing
Source title: Journal of Chemical Technology and Biotechnology
- 13. Accession number:** 20252018423692
Title: Research progress on metallic Ni-based catalysts for electrolytic oxygen evolution reaction
Authors: Yu, Qi ; Liu, Zhexiu ; Li, Jiefei ; Zhang, Yaoyao
Source title: Journal of Electroanalytical Chemistry
- 14. Accession number:** 20251518230303
Title: A porous sponge-like TiO₂/ZnO composite catalyst for photocatalytic degradation of methyl orange
Authors: Zhang, Mingliang ; Wu, Yonghong ; Yao, Yanhu ; Jin, Xin ; Zhang, Bing
Source title: Journal of Physics and Chemistry of Solids
- 15. Accession number:** 20252118475246
Title: Study on the properties of bio-based nylon 56 composites with different basalt fiber content
Authors: Chong, Yunsheng ; Zhang, Wanjing ; Liu, Jinming ; Chu, Jingchen ; Wang, Liyan ; Chen, Yanming ; Lang, Pengfei ; Lin, Yanyan ; Wang, Meng
Source title: Journal of Polymer Research
- 16. Accession number:** 20252118462960
Title: Performance optimization and mechanism of urea diacetic acid synthesis from glycine catalyzed by DES
Authors: Cheng, Wenqin ; Li, Xiaolong ; Zhao, Haichao ; Wang, Haiyue ; Guo, Liying ; Zheng, Rongrong ; Zhao, Wenkai
Source title: Materials Today Communications
- 17. Accession number:** 20251618264030
Title: Designed Eu³⁺-functionalized nano-MOF fluorescence sensor for rapid recognition of oxytetracycline
Authors: Yi, Kuiyu ; Zhang, Congyin

Source title: Polyhedron

18. Accession number: 20251418159210

Title: Development of biocompatible azelaic acid-based copolyester plasticizers for PVC applications

Authors: Zhang, Wanjing ; Wang, Liyan ; Chong, Yunsheng ; Liu, Wei ; Qian, Xin

Source title: Polymer

19. Accession number: 20251718293711

Title: Ultra-selective CO₂/N₂ separation membranes enabled by establishing delivery site-based CO₂ transfer channels in Pebax membranes with PEG-montmorillonite

Authors: Wang, Jian ; Wu, Yonghong ; Jiang, Yu ; Zhang, Bing

Source title: Separation and Purification Technology

(十二) 化工过程自动化学院 (1 篇)

1. Accession number: 20251518202515

Title: Command filter - based neuroadaptive output feedback control for multi-joint manipulators with prescribed tracking performance

Authors: Zou, Chenxi ; Zhao, Haichao ; Yang, Di

Source title: Transactions of the Institute of Measurement and Control

(十三) 化工装备学院 (7 篇)

1. **Accession number:** 20251718281928
Title: Study on the Microstructure, Wear, and Corrosion Resistance of GH3536 Coatings Prepared by Laser-Assisted Cold Spraying
Authors: Li, Chenhao ; Guan, Jinhua ; Zheng, Li ; Yu, Boning ; Chang, Dongxu ; Zhu, Huiwen ; Wang, Meiting ; Yu, Baoyi
Source title: Advanced Engineering Materials
2. **Accession number:** 20251818335523
Title: Experimental study, mechanism, and process optimization of hydrodynamic cavitation-enhanced green synthesis of nano ZnO using Eupatorium Adenophorum
Authors: Guo, Jinyuan ; Yu, Honglei ; Wang, Dexi ; Chen, Gong ; Fan, Lin
Source title: Chemical Engineering and Processing - Process Intensification
3. **Accession number:** 20250117623335
Title: Design, evaluation, and optimization of a new micromixer based on three-dimensional multilaminar flow
Authors: Chen, Shulei ; Yang, GuoWei ; Liu, Kun ; Lin, Qiao ; Jiang, Yuanpeng
Source title: Chemical Engineering Research and Design
4. **Accession number:** 20251518202515
Title: Command filter – based neuroadaptive output feedback control for multi-joint manipulators with prescribed tracking performance
Authors: Zou, Chenxi ; Zhao, Haichao ; Yang, Di
Source title: Transactions of the Institute of Measurement and Control
5. **Accession number:** 20251918388439
Title: Effect of Retrogression and Re-thermomechanical Treatment on Microstructure and Properties of 7075 Aluminum Alloy
Authors: Wu, Xiaocui ; Liu, Changjun ; Li, Haoyi ; Niu, Yong ; Zou, Ting ; Liu, Tianyu ; Su, Ruiming
Source title: Journal of Materials Engineering and Performance
6. **Accession number:** 20251918388392
Title: TiZrNb Alloy Thin Films for Improved Corrosion Resistance under O-Doping
Authors: Chen, Ye ; Wang, Haiyan ; Zhang, Yupeng ; Qin, Binhao
Source title: Journal of Materials Engineering and Performance
7. **Accession number:** 20251318123064
Title: CO₂ concentration effects on magnesite thermal decomposition kinetics and calcination
Authors: Gong, Ze ; Wang, Dexi ; Ma, Xueyi ; Fan, LiHua ; Li, Jiazhi ; Liu, Dajing
Source title: Reaction Kinetics, Mechanisms and Catalysis

(十四) 其他: 未注明学院 (13 篇)

1. **Accession number:** 20251818354124
Title: Research on fault line selection technology of distribution network based on EMD and WVD
Authors: Zhang, Jin ; Chen, Dezhi ; Han, Siman
Source title: AIP Advances
2. **Accession number:** 20250217673858
Title: The construction of ultrahigh efficiency benzene molecular transport channel and application on pressure swing adsorption
Authors: Zhou, Changkai ; Ma, Anjun ; Su, Changqing ; Ma, Weiwu ; Xu, Xiang ; Zeng, Zheng ; Li, Liqing
Source title: Applied Surface Science
3. **Accession number:** 20251618239141
Title: Investigations of the influence of leakage and diffusion of hydrogen-doped natural gas pipelines by numerical simulation
Authors: Zhou, Xiang ; Kong, Dewen ; Ren, Teng
Source title: Archives of Thermodynamics
4. **Accession number:** 20252218502382
Title: Spatial-frequency fusion for retinal vessel segmentation
Authors: Song, Weiwei ; Xu, Ming ; Li, Haixing ; Yu, Xiaosheng
Source title: Biomedical Signal Processing and Control
5. **Accession number:** 20250717883713
Title: Optimal operation of urban multi-energy system via coordination of waste resourceful utilization and multi-energy storage
Authors: Wang, Zedi ; Guo, Xifeng ; Gong, Wei ; Yan, Jiajia
Source title: Electric Power Systems Research
6. **Accession number:** 20251818347243
Title: Quantitative Identification and Prediction of 5182 Aluminum Alloy Clinched Joint Fatigue Life
Authors: Guo, Shouyi ; Lei, Lei ; Song, Chunyu ; Ao, Chenyang ; Yan, Ming ; Shi, Ye
Source title: Fatigue and Fracture of Engineering Materials and Structures
7. **Accession number:** 20250817903104
Title: A new path in compressor valve design: Optimizing rotary cupped valves for superior flow and efficiency
Authors: Hong, Xiao ; Liu, Dajing ; Cui, Weilin ; Wang, Dexi ; Fu, Xinrui ; Cao, Xiwen ; Zhao, Ming
Source title: Flow Measurement and Instrumentation
8. **Accession number:** 20251818360165
Title: Study on the Influence of Slurry Solid Concentration and Particle Size on LIBS Measurement Signals and Characterization Methods
Authors: Yu, Tong ; Yu, Hong-Xia ; Zhang, Peng ; Sun, Lan-Xiang ; Chen, Tong
Source title: Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis
9. **Accession number:** 20252118475205

- Title:** Investigation of the Internal Oxidation and Hot Rolling Deformation Behavior in Ni36
Authors: Wei, Zhang ; Liu, Xiaojiang ; Jia, Tao ; He, Yangqiang ; Jiang, Haoran ; Gao, YiFei ; Wang, Chuang ; Dou, Xiaoyao
Source title: High Temperature Corrosion of Materials
- 10. Accession number:** 20252018445048
Title: MDFANet: Multi-Domain Feature Alignment Surface Defect Detection for Aircraft Engine Turbine Blades
Authors: Wen, Xin ; Yu, Hao ; He, Yu ; Yan, Qi-Lin ; Li, Kai
Source title: IEEE Sensors Journal
- 11. Accession number:** 20251718274248
Title: Three-Dimensional Flexible Tactile Sensor Arrays for Perceptual Grasping: Towards Enhanced Perceptual Robotics
Authors: Xu, Naijia ; Liu, Shaoyu ; Zhang, Daohui ; Fu, Xin ; Han, Baisong ; Hou, Xudong ; Zhao, Xingang
Source title: IEEE Sensors Journal
- 12. Accession number:** 20252018443095
Title: A review of the application of laser processing for materials sheet joining
Authors: Guo, Shouyi ; Lei, Lei ; Ao, Chenyang ; Yan, Ming ; Shi, Ye
Source title: International Journal of Advanced Manufacturing Technology
- 13. Accession number:** 20251818329240
Title: High-Performance Regenerated LiNi_{0.6}Co_{0.2}Mn_{0.2}O₂ Cathode Material Realized by Argon-Oxygen Mixed Gas Calcination
Authors: Duan, Yunlong ; Guo, Liying ; Zhang, Xiao ; Zhao, Xudong ; Zhang, Linnan
Source title: Journal of Electronic Materials

二、2025 年第二季度 Ei (CA) 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) Accession number:EI 论文收录编号

(2) Title:论文题目

(3) Authors:作者英文姓名

(4) Source title: 论文来源

(一) 机械工程学院 (2 篇)

1. Accession number: 20251518232950

Title: Optimization Study of Torque in the IPMSM for E-Bike Application

Authors: Hu, Jinming ; Zhao, Fei ; Mei, Zeting ; Wang, Jing ; Chen, Dezhi

Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024

2. Accession number: 20251618267708

Title: Decoupling Analysis of Maglev Variable Stiffness Joints Based on Permanent Magnet

Authors: Luo, Kang ; Zhai, Mingda ; Chen, Jianbin ; He, Chengtao ; Li, Xinwei ; Zhang, Ming

Source title : 2024 7th International Conference on Robotics, Control and Automation Engineering, RCAE 2024

（二）电气工程学院（59 篇）

1. **Accession number:** 20251518232966
Title: Magnetic Properties of Iron Core Materials Based on the Creep Model and Dynamic Observation of Magnetic Domains
Authors: Wang, Shiyu ; Wang, Zhen ; Zhang, Yanli ; Yan, Xiuke
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024
2. **Accession number:** 20251518233814
Title: Improvement of a Magnetostrictive Model Considering Applied Stress and Magnetic Fields Including Hysteresis Effects
Authors: Cai, Ming ; Zhang, Yanli ; Wang, Zhen ; Yan, Xiuke
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024
3. **Accession number:** 20251518233221
Title: Cost Optimization Method for Less-Rare-Earth Permanent Magnet Synchronous Motor Based on Surrogate Model
Authors: Wang, Biao ; Liu, Guangwei ; Xu, Zhenyao ; Zhang, Fengge
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024
4. **Accession number:** 20251518233153
Title: Frequency Response Analysis for Transformer Winding with Improved Equivalent Circuit
Authors: Wei, Rongjie ; Yan, Xiuke ; Li, Yanbing ; Zhang, Yanli ; Wang, Zhen
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024
5. **Accession number:** 20251518233599
Title: Torque Ripple Suppression Strategy Based on Quasi-Resonant Active Disturbance Rejection Control for PM/RHR-DSLSSM
Authors: Wen, Shukai ; Jin, Shi ; Jin, Wuhen ; Yu, Siyang ; Zhang, Zhaoyu
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024
6. **Accession number:** 20251518233400
Title: Research on Fault-Tolerant Control Strategy of Dual-Winding Permanent Magnet Synchronous Motor
Authors: Liu, Shuo ; Jin, Shi ; Liu, Guangwei ; Zhang, Yue
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024
7. **Accession number:** 20251518233651
Title: Optimization Design Research of Dual-Airgap High-Torque Permanent Magnet Motor Based on Coevolution Algorithm
Authors: Xu, Yingjie ; Yu, Siyang ; Zhang, Yue ; Zhang, Hongkui ; Zhang, Fengge
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024

- 8. Accession number:** 20251518232954
Title: Characteristics Analysis of Novel Permanent Magnet Biased Bearingless Switched Reluctance Motor
Authors: Xu, Zhenyao ; Sun, Yifan ; Huang, Cheng ; Liu, Guangwei ; Lee, Dong-Hee ; Wang, Shuo
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024
- 9. Accession number:** 20251518233606
Title: Characteristics Analysis of a Novel Permanent Magnet Assisted 12/8 Segmental Rotor Type Switched Reluctance Motor
Authors: Li, Tao ; Xu, Zhenyao ; Zhang, Yue ; Lee, Dong-Hee ; Bao, Yuli
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024
- 10. Accession number:** 20251518233361
Title: Research on Direct Instantaneous Torque and Suspension Force Control Strategy for Stepped Rotor Bearingless Switched Reluctance Motor
Authors: Xu, Zhenyao ; Ning, Fengzhi ; Wang, Huijun ; Lee, Dong-Hee ; Wang, Shuo
Source title : 2024 27th International Conference on Electrical Machines and Systems, ICEMS 2024
- 11. Accession number:** 20251418156023
Title: Research on comprehensive evaluation index system of comprehensive energy system in multi energy complementary Park
Authors: Zhao, Xiaona ; Li, WenWen ; Mao, Xijuan ; Liu, Jun ; Zhang, Su ; Shi, Haoqi ; Yue, Zihan ; Liu, Yang
Source title : 2024 4th International Conference on Smart Grid and Energy Internet, SGEI 2024
- 12. Accession number:** 20251418156154
Title: Research on multi-criteria evaluation of integrated energy systems based on the analytic hierarchy process-entropy weight method and grey relational analysis
Authors: Li, Wenwen ; Zhang, Su ; Mao, Xijuan ; Liu, Jun ; Wan, Jia ; Yang, Lin ; Zhu, An ; Liu, Yang
Source title : 2024 4th International Conference on Smart Grid and Energy Internet, SGEI 2024
- 13. Accession number:** 20251518232744
Title: A Novel Game Strategy of Multi-Body Synergistic Operation for Integrated Energy System
Authors: Cui, Jia ; Sun, Yongchen ; Chu, Tianfeng ; Wang, Shunjiang ; Zhao, Tie ; Li, Yuanzhong ; Lu, Shengyang
Source title : 2024 5th International Conference on Clean Energy and Electric Power Engineering, ICCEPE 2024
- 14. Accession number:** 20251518232754
Title: A Economic Evaluation Method of Battery Energy Storage Systems Participating in Frequency Regulation Services

Authors: Hao, Ertong ; Liu, Hao ; Cui, Jia ; Wang, Xiaofang ; Wei, Junzhu ; Zhang, Ximing ; Jiang, Pengyu

Source title : 2024 5th International Conference on Clean Energy and Electric Power Engineering, ICCEPE 2024

15. Accession number: 20251518232811

Title: An Optimal Difference Calculation Method of Peak and Valley Time-sharing Tariff For Energy Storage System

Authors: Cui, Jia ; Wei, Junzhu ; Wang, Xiaofang ; Wang, Fan ; Zhang, Ximing ; Wang, Xingran ; Jiang, Pengyu

Source title : 2024 5th International Conference on Clean Energy and Electric Power Engineering, ICCEPE 2024

16. Accession number: 20251518232759

Title: A Novel Revenue Participation Measurement Method of Energy Storage for Trading in the Peaking Auxiliary Service Market

Authors: Liu, Hao ; Hao, Ertong ; Cui, Jia ; Wang, Fan ; Chen, Jiankun ; Zhang, Ximing ; Wei, Junzhu

Source title : 2024 5th International Conference on Clean Energy and Electric Power Engineering, ICCEPE 2024

17. Accession number: 20251518232789

Title: Optimization of Spot Day Market Transactions Taking into Account New Energy and Medium - And Long-Term Market Impacts

Authors: Cui, Jia ; Zhang, Ximing ; Liu, Hao ; Chen, Dong ; He, Rui ; Wei, Junzhu ; Xu, Xingyang

Source title : 2024 5th International Conference on Clean Energy and Electric Power Engineering, ICCEPE 2024

18. Accession number: 20252418585816

Title: IGRA-LSTM Photovoltaic Power Generation Prediction Model Considering Weather Factors and Similar Days

Authors: Li, Wenwei ; Hu, Jie ; Tian, Deshuo ; Zhan, Qiaorong

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

19. Accession number: 20252418585653

Title: A Extended State Observer Based Backstepping Control for Improving Stability of DC-DC Boost Converters with Constant Power Loads

Authors: Tian, Zhen ; Ren, Rufe ; Tian, Deshuo

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

20. Accession number: 20252418585642

Title: GIS Switch Contact Fault Simulation Analysis

Authors: Cao, Chen ; Wang, Qingli ; Wang, Jialin ; Li, Zheng ; Zhang, Jiayv ; Li, Ying

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

21. Accession number: 20252418585726

Title: Study on Electromagnetic and Vibration Characteristics of Power Transformer Iron Core under DC Magnetic Bias

Authors: Li, Xin ; Li, ZiWei

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

22. Accession number: 20252418585510

Title: The Simulation and Analysis of Transformer Winding Based on Voicing Pattern

Authors: Cao, Chen ; Zhang, Jiayu ; Wang, Jialin ; Li, Ying ; Hua, Ruifeng

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

23. Accession number: 20252418585676

Title: Analysis of the Internal Electric Field of the Transformer Under Overvoltage Conditions

Authors: Cao, Chen ; Hua, Ruifeng ; Li, Ying ; Li, Zheng ; Zhang, Jiayu

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

24. Accession number: 20252418585665

Title: Intersection weld seam curve fitting based on NURBS

Authors: Geng, Jialong ; Wu, Wei ; Du, Shaoqing

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

25. Accession number: 20252418586193

Title: Motor control technology based on integrated meta-heuristic algorithm optimizer

Authors: Du, Shaoqing ; Wu, Wei ; Geng, Jialong

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

26. Accession number: 20252418586155

Title: A Bi-level Economic Dispatch considering Battery Degradation Prediction Model for Microgrids with Hybrid Energy Storage Systems

Authors: Zhao, Xiaoxin ; Zhang, Yuxian ; Xu, Weimao ; Li, Chunzhen ; Li, Donglin

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

27. Accession number: 20252418585500

Title: Robust optimal allocation method for distributed shared energy storage of new energy station based on cooperative game

Authors: Liu, Weihao ; Zhang, Tieyan ; Teng, Yun ; Wang, Chao ; Wang, Yunan ; Zhang, Xing

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

28. Accession number: 20252418585949

Title: Optimal Scheduling Strategy for High Proportion of Electric Vehicles and Wind Turbine Participation

Authors: Wang, Haoran ; Teng, Yun ; Li, Huan ; Zhang, Delong

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

29. Accession number: 20252418586148

Title: Transmission Line Maintenance Strategy Based on Multidimensional Risk Analysis

Authors: Zhao, Fangning ; Teng, Yun ; Zhang, Tieyan ; Zhang, Xin ; Xia, Yongfeng ; Zhao, Yang

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

30. Accession number: 20252418586159

Title: Transient stability assessment of power system based on Bayesian deep learning

Authors: Chen, Zhengzhong ; Teng, Yun ; Li, Huan ; Cheng, Yang

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

31. Accession number: 20252418586325

Title: Working Condition Diagnosis of Sucker Rod Pump Based on Kernel Density Distance Domain Adaptation

Authors: Fan, Fujing ; Liu, Yijiang ; Wang, Tong

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

32. Accession number: 20252418586272

Title: Simulation of Airflow Field for 252kV Eco-Gas GIS Fast Earthing Switch

Authors: Zhang, T.B. ; Wang, S.A. ; Jin, Y.S. ; Xin, D.W. ; Geng, Z.X. ; Xu, J.Y.

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

33. Accession number: 20252418586349

Title: Power quality improvement control strategy based on active disturbance rejection control based on modified particle swarm optimization algorithm

Authors: Sun, Jiazheng ; She, Shida ; Han, Jingwei ; Zhao, Zhenyang ; Hu, Dawei ; Yu, Peng ; Liu, Hengyu ; Zhang, Zhi

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

34. Accession number: 20252418585800

Title: Simulation Research on GIS Temperature Field Distribution Characteristics under Different Influencing Factors

Authors: He, Long ; Zhao, Wenchang ; Chen, Xin ; Wu, Yifan ; Cao, Chen

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

35. Accession number: 20252418585942

Title: A Hybrid Cross-Entropy Method and Local Neighborhood Search Method for Low-Carbon Economic Dispatch Problem of IES

Authors: Li, Jiao ; Yang, Xiaotong ; Mou, Chao ; Tian, Deshuo

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

36. Accession number: 20252418585645

Title: Deep Learning-Enabled Green Energy Recycling System: An Example of Fine Disassembly and Regeneration of Automotive Lithium Batteries

Authors: Meng, Xiangpu ; Li, Shuo ; Cao, Feidao ; Wang, Wenhong ; Huang, Dunxin ; Yuan, Mingzhe ; Zhang, Zhijia

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

37. Accession number: 20252418585857

Title: GIS Electrical Contact Characteristics Simulation Based on Electric-Magnetic-Force Coupling

Authors: Yu, Qunying ; Zhao, Chunming ; Lin, Haidan ; Yang, Daiyong ; Cao, Chen

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

38. Accession number: 20252418585677

Title: Reserve Capacity Optimization of Power System Connected to Large-Scale Wind Farm Based on Chance Constrained Objective Programming

Authors: Zhang, Rui ; Teng, Yun ; Chen, Zhe ; Chen, Bingxi ; Wang, Bo

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

39. Accession number: 20252418585662

Title: Day-Ahead Electricity Prices Prediction Method Based on Spatial-temporal Transformer with Variable-Specific Modeling

Authors: Zhang, Pengfei ; Hu, Zhanshuo ; Xing, Zuoxia ; Hu, Bo

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

40. Accession number: 20252418586258

Title: Transformer fault diagnosis method based on multi-classification logistic regression

Authors: Mu, Qing ; Teng, Yun ; Lin, Qianjie ; Xiao, Shaoyang

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

41. Accession number: 20252418585660

Title: Modelling and Optimization of Park Integrated Energy System with Biogas Considering Dynamic Adjustment of Thermoelectric Ratio

Authors: Zhang, Mingze ; Cao, Minghang ; Yuan, Jiahui ; Liang, Mingming ; Du, Yanxing ; Mu, Siyu ; Wang, Haixin ; Yang, Junyou

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

42. Accession number: 20252418585793

Title: Identification system of key communication nodes of cyber physical power system based on line impedance and power flow information

Authors: Du, Yanxing ; Dong, Jian ; Lu, Xinyi ; Meng, Linglin ; Liu, Chang ; Zhang, Mingze ; Wang, Haixin ; Yang, Junyou

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

43. Accession number: 20252418586070

Title: Optimized Operation of the Integrated Energy System Based on the Node Carbon Potential

Authors: Wang, Haixin ; Tang, Xiaomin ; Dong, Jian ; Lu, Xinyi ; Ma, Xinru ; Guo, Zhizhen ; Ma, Yiming ; Yang, Junyou

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

44. Accession number: 20252418586257

Title: Fault response strategy for high proportion distributed energy resources distribution area based on whale optimization algorithm

Authors: Liu, Hengyu ; Liu, Liyang ; Ma, Xiaoning ; Hu, Dawei ; Han, Jingwei ; Cao, Tianwei ; Sun, Jiazheng ; Zhang, Zhi

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

45. Accession number: 20252418585757

Title: Three-Subject Game Based Economic Optimization of Integrated Energy System for Carbon-Green Certificate Trading

Authors: Ma, Xinru ; Dong, Jian ; Lu, Xinyi ; Tang, Xiaomin ; Guo, Zhizhen ; Wang, Haixin ; Yang, Junyou ; Hu, Shiyan

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

46. Accession number: 20251818345119

Title: Multivariate Load Forecasting Model Based on MTL-LSTM-TCN

Authors: Han, Ruicong ; Jiang, He ; Wei, Mofan ; Guo, Rui

Source title : 2025 International Conference on Electrical Automation and Artificial Intelligence, ICEAAI 2025

47. Accession number: 20251818340260

Title: Generative Adversarial Network with Adaptive Synthesis for Brain-Computer Interfaces in Motor Imagery Classification

Authors: Zhou, Qiaoli ; Ye, Xiyuan ; Li, Shurui ; Zhao, Yi ; Du, Qiang ; Ke, Li

Source title : ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings

48. Accession number: 20252518636562

Title: Analysis and Design of LLC Resonant High-Voltage Converters with Magnetic Integration

Authors: Zhang, Dawei ; Wang, Bingqian

Source title: ICITEE 2024 - Proceedings of the 7th International Conference on Information Technologies and Electrical Engineering

49. Accession number: 20252518636561

Title: Research on High Voltage Pulse Power Supply for Dielectric Block Discharge

Authors: Zhang, Dawei ; Erjiapeng, E.

Source title: ICITEE 2024 - Proceedings of the 7th International Conference on Information Technologies and Electrical Engineering

50. Accession number: 20251918369526

Title: Reliability Assessment of Generation and Transmission Systems Considering Compressed Air Energy Storage

Authors: Zhang, Tianfang ; Fu, Yu ; Li, Xiang ; Xu, Jing

Source title: IET Conference Proceedings

51. Accession number: 20251918369505

Title: Distributionally Robust Optimization for Multi-hub Interconnected Integrated Energy Systems Capturing Renewable Uncertainties

Authors: Wu, Qihan ; Wang, Haixin ; Li, Xiufen ; Márquez, Fausto P.G. ; Jing, Rui

Source title: IET Conference Proceedings

52. Accession number: 20252518625595

Title: Life Prediction of Railway Relay Based on an Attention Mechanism TCN-BiGRU Model

Authors: Xianfeng, L.V. ; Liu, Shuxin ; Qi, Xinzhong ; Ming, Xin ; Liu, Bingze

Source title: Journal of Physics: Conference Series

53. Accession number: 20252518625615

Title: Human-Robot Interaction Control Based on Motion Intent Estimation

Authors: Yang, Luming ; Wang, Yina

Source title: Journal of Physics: Conference Series

54. Accession number: 20251818320217

Title: Research on Low-Carbon Economic Dispatch Method for Integrated Energy Systems Considering the Seconded Utilization Energy Storage

Authors: Zhu, Dongmei ; Zhao, Zhenjie ; Yan, Ning

Source title: Lecture Notes in Electrical Engineering

55. Accession number: 20251618238331

Title: Research on a PMLSM Control Strategy Based on Variable Universe Fuzzy Iterative Learning and Sand Cat Swarm Optimization

Authors: Zhang, Tao ; Zhang, Yiqiang ; Li, Yong ; Zhang, Hualiang ; Zhang, Guopeng ; Wang, Hao

Source title: Lecture Notes in Electrical Engineering

56. Accession number: 20252118475466

Title: A Novel Digital Twin System of Elderly-Care Robot for Housework Execution

Authors: Liu, Xiufang ; Zhao, Donghui ; Ding, Jiahui ; Yang, Junyou ; Wang, Shuoyu ; Liu, Bowen

Source title: Lecture Notes in Electrical Engineering

57. Accession number: 20251318129193

Title: A Task Planning Method Combining Physical Therapy Experience for Physical Therapy Massage Robots

Authors: Yuan, Xin ; Ding, Jiahui ; Zhao, Donghui ; Niu, Chunhui ; Sun, Xingwang ; Yang, Junyou

Source title: Lecture Notes in Networks and Systems

58. Accession number: 20252418587269

Title: Improved denoising autoencoder for crusher fault diagnosis

Authors: Qu, Xingyu ; Zhang, Mian ; Lu, Peng ; Li, Changjian

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

59. Accession number: 20252518632407

Title: Sensorless control of high-speed permanent magnet synchronous motor based on fuzzy sliding mode observer

Authors: Qin, Hailun ; Jin, Shi ; Jin, Wuhen

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

(三) 信息科学与工程学院 (8 篇)

1. **Accession number:** 20252418585864
Title: Detection Method of Leakage Holes in Long-Distance Natural Gas Pipelines Based on Permanent Magnetic Perturbation
Authors: Li, Jiayin ; Zheng, Wenxue ; Yang, Lijian ; Guo, Peng
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
2. **Accession number:** 20252418585809
Title: A Lane Detection Method for Advancing Sustainable Energy Internet
Authors: Peng, Xiting ; Yang, Yang ; Zhang, Xiaoyu ; Zhang, Xiaoling
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
3. **Accession number:** 20252418585525
Title: A Hierarchical Control Strategy for Microgrid Cluster Connection under Different Time Levels
Authors: Zhang, Qidan ; Ma, Sheng ; Zhang, Bo ; Huang, Yaoxuan
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
4. **Accession number:** 20252618680739
Title: A Weak and Small Target Detection Algorithm Based on the View of UAV
Authors: Pan, Wenwen ; Xu, Baoshu ; Zhang, Chengsuo ; Fang, Qunzhong
Source title : 2025 8th International Conference on Advanced Algorithms and Control Engineering, ICAACE 2025
5. **Accession number:** 20251418171980
Title: Quantum Topic Model: Topic Modeling Using Variational Quantum Circuits
Authors: Qiao, Wenbo ; Zhang, Peng ; Zhao, Jiaming ; Yang, Chang
Source title : ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings
6. **Accession number:** 20251718285411
Title: Laser Weld Defect Detection Based on Laser Vision and Region Growth
Authors: Li, Dejian ; Zhang, Yajun ; Xu, Jianing ; Ding, Zhibo ; Li, Shaoli
Source title : Proceedings - 2024 4th International Conference on Industrial Automation, Robotics and Control Engineering, IARCE 2024
7. **Accession number:** 20252218512977
Title: Imaging System Based on Broadband 0.14 to 1.1 THz CMOS Terahertz Detector
Authors: Jiang, Ning ; Guo, Ying ; Liu, Zhaoyang ; Qi, Feng
Source title: Springer Proceedings in Physics
8. **Accession number:** 20252218512971
Title: Auto Focusing Terahertz Synthetic Aperture Imaging Algorithm
Authors: Wang, Guanwen ; Qi, Feng
Source title: Springer Proceedings in Physics

（四）理学院（1 篇）

1. **Accession number:** 20252418585654

Title: A two-layer optimization method with distributed energy stations based on demand response

Authors: Zhang, Zhi ; Hu, Xiaoxiao ; Duan, Fangwei ; Han, Jingwei ; Hu, Dawei ; Xu, Zhifan ; Liu, Hengyu ; Sun, Jiazheng

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

（五）软件学院（5 篇）

1. **Accession number:** 20251518214273

Title: Optimization of Multi-Resource Scheduling Strategies in Distributed Training Environments

Authors: Zhang, Dan ; Wang, Yu ; Cui, Yong ; Jiang, Yan

Source title: 2024 4th International Symposium on Artificial Intelligence and Intelligent Manufacturing, AIIM 2024

2. **Accession number:** 20251418190370

Title: Named Entity Recognition in the Tourism Domain Based on Attention Mechanisms

Authors: Yu, Yusi ; Zhong, Ling

Source title: Proceedings of 2024 4th International Conference on Computational Modeling, Simulation and Data Analysis, CMSDA 2024

3. **Accession number:** 20252418614770

Title: Research on Crowd Tracking Methods

Authors: Wu, Jinlong ; Zhang, Gang

Source title: Proceedings of 2025 3rd International Conference on Communication Networks and Machine Learning, CNML 2025

4. **Accession number:** 20252418577369

Title: Overview of crowd group classification methods

Authors: Cheng, Xinchun ; Zhang, Gang

Source title: Proceedings of 2025 5th International Conference on Bioinformatics and Intelligent Computing, BIC 2025

5. **Accession number:** 20251918402386

Title: Research on electrochemical impedance spectroscopy analysis method based on sparse MLP

Authors: Song, Hongjie ; Liu, Xianda ; Chen, Xi ; Yan, Bingjun ; Gang, Mingxu ; Hu, Bo

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

(六) 人工智能学院 (17 篇)

1. **Accession number:** 20252418585816
Title: IGRA-LSTM Photovoltaic Power Generation Prediction Model Considering Weather Factors and Similar Days
Authors: Li, Wenwei ; Hu, Jie ; Tian, Deshuo ; Zhan, Qiaorong
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
2. **Accession number:** 20252418585864
Title: Detection Method of Leakage Holes in Long-Distance Natural Gas Pipelines Based on Permanent Magnetic Perturbation
Authors: Li, Jiayin ; Zheng, Wenxue ; Yang, Lijian ; Guo, Peng
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
3. **Accession number:** 20252418585584
Title: Distributed Hybrid Flow Shop Scheduling with Considering Preventive Maintenance
Authors: Guo, Jia ; Tan, Yuanyuan ; Zhang, Jun
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
4. **Accession number:** 20252418585809
Title: A Lane Detection Method for Advancing Sustainable Energy Internet
Authors: Peng, Xiting ; Yang, Yang ; Zhang, Xiaoyu ; Zhang, Xiaoling
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
5. **Accession number:** 20252418585760
Title: Fully Distributed Resilient Secondary Control of Microgrids
Authors: Zhai, Meina ; Liu, Shu ; Wang, Jundi ; Du, Jinxin
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
6. **Accession number:** 20252418585680
Title: A Multi-regional Implementation Strategy for Economic Dispatch of Virtual Power Plants
Authors: Wang, Fei ; Mu, Chao ; Fan, Ming ; Zhan, Qiaorong
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
7. **Accession number:** 20252418585645
Title: Deep Learning-Enabled Green Energy Recycling System: An Example of Fine Disassembly and Regeneration of Automotive Lithium Batteries
Authors: Meng, Xiangpu ; Li, Shuo ; Cao, Feidao ; Wang, Wenhong ; Huang, Dunxin ; Yuan, Mingzhe ; Zhang, Zhijia
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
8. **Accession number:** 20252418585594

Title: Ontology-Based Construction of Fault Knowledge Base for Energy-Consuming Equipment

Authors: Guo, Qianyu ; Gu, Ziqiang ; Zhang, Xiaoling ; Qiang, Shuhao ; Yin, Dongbing ; Huang, Yi

Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024

9. Accession number: 20251918395379

Title: Research on Image Segmentation Method Based on U-net Improvement

Authors: Bai, Shiyu ; Zang, Chuanzhi

Source title : 2024 International Conference on Image Processing, Computer Vision and Machine Learning, ICICML 2024

10. Accession number: 20252318569282

Title: Human Activity Recognition Using STFT and Attention-Enhanced 2D-CNN on Smartphone and Wearable Sensors

Authors: Jin, Peichen ; Zang, Chuanzhi

Source title : 2025 5th International Conference on Consumer Electronics and Computer Engineering, ICCECE 2025

11. Accession number: 20252618680882

Title: Research on Clustering Algorithm Based on Aggregate View Object Detection

Authors: Cheng, Fengzhen ; Chen, Li

Source title : 2025 8th International Conference on Advanced Algorithms and Control Engineering, ICAACE 2025

12. Accession number: 20251618238330

Title: Position Control of X-Y Planar Motion Stage Based on Pre-Compensation and Cross-Coupled Iterative Learning

Authors: Zhang, Guopeng ; Zhang, Tao ; Li, Qingxin ; Chen, Li ; Zhang, Hualiang ; Zhang, Yiqiang ; Wang, Hao

Source title: Lecture Notes in Electrical Engineering

13. Accession number: 20251618238331

Title: Research on a PMLSM Control Strategy Based on Variable Universe Fuzzy Iterative Learning and Sand Cat Swarm Optimization

Authors: Zhang, Tao ; Zhang, Yiqiang ; Li, Yong ; Zhang, Hualiang ; Zhang, Guopeng ; Wang, Hao

Source title: Lecture Notes in Electrical Engineering

14. Accession number: 20251718286985

Title: Reducing Vibration and Noise in AUV Propulsion Systems: Optimizing Power Source Design and Experimental Evaluation

Authors: Wang, Di ; Tian, Yu ; Sun, Jie ; Hu, Tianze

Source title: Lecture Notes in Electrical Engineering

15. Accession number: 20252418577376

Title: KAD-SORT: Multi-target tracking algorithm for autonomous driving scenarios based on BoT-SORT

Authors: Gao, Sheng ; Wang, Shixian ; Zhang, Zhijia

Source title : Proceedings of 2025 5th International Conference on Bioinformatics and Intelligent Computing, BIC 2025

16. Accession number: 20252418577372

Title: Walking Speed Prediction in Rehabilitation Patients Using Temporal Convolutional Networks

Authors: Yang, Shuo ; Sun, Ping

Source title : Proceedings of 2025 5th International Conference on Bioinformatics and Intelligent Computing, BIC 2025

17. Accession number: 20251918402428

Title: Research on underwater target tracking method based on IPSO-LSTM

Authors: Guo, Xaingyun ; Liu, Kaizhou ; Wang, Yanhong

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

（七）化工过程自动化学院（1 篇）

1. Accession number: 20252518626162

Title: Cable Fault Simulation Analysis of EWIS Based on ADS

Authors: Yang, Shuai ; Tong, Weiyan ; Tian, Wei

Source title: Proceedings of 2024 4th International Conference on Computational Modeling, Simulation and Data Analysis, CMSDA 2024

（八）基础教学学院（1 篇）

1. Accession number: 20251418181930

Title: An Improved Time Series Model

Authors: Liu, Zhi ; Zhang, Zhiyi

Source title : 2024 International Annual Conference on Complex Systems and Intelligent Science, CSIS-IAC 2024

(九) 其他: 未注明学院 (10 篇)

1. **Accession number:** 20252418585566
Title: Minimizing Age-of-Information for Multisystem Energy IoT System with Multiple Subsystems
Authors: Xie, Xiao ; Zhang, Xiaoling ; Yan, Fengxiao ; Bai, Tianjiao ; Pang, Zhibo ; Huang, Yi
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
2. **Accession number:** 20252418585501
Title: Optimization Method for Multi Energy Microgrid Operation Considering Carbon Emissions
Authors: Zhou, Wanpeng ; Yang, Libin ; Li, Zhengxi ; Wang, Kai ; Zhang, Weiwen ; Lin, Qianjie
Source title: 2024 IEEE 8th Conference on Energy Internet and Energy System Integration, EI2 2024
3. **Accession number:** 20252018426777
Title: Design and Fabrication of Wearable Flexible 3D Tactile Sensors
Authors: Xu, Naijia ; Zhang, Daohui ; Fu, Xin ; Han, BaiSong ; Hou, Xudong ; Zhao, Xingang
Source title: 2025 11th International Conference on Mechatronics and Robotics Engineering, ICMRE 2025
4. **Accession number:** 20251418168798
Title: A Flexible Wearable Glove with Extendable Segmented Fabric-Based Bellows Actuators (ES-FBAs) for Hand Rehabilitation
Authors: Ren, Shuheng ; Zhang, Daohui ; Han, Baisong ; Fu, Xin ; Zhao, Xingang
Source title: IEEE International Conference on Robotics and Biomimetics, ROBIO
5. **Accession number:** 20251918369379
Title: Research on low-carbon economy optimal scheduling of integrated energy system based on iterative adaptive dynamic programming
Authors: Li, Li ; Li, Pengtao ; Liu, Yang ; Li, Luxin
Source title: Journal of Physics: Conference Series
6. **Accession number:** 20251718286992
Title: An Autonomous Control System for AUV Acoustic Target Tracking
Authors: Du, Yan ; Tian, Yu ; Zhan, Weicon ; Zheng, Feng ; Sang, Qiming ; Gao, Cheng
Source title: Lecture Notes in Electrical Engineering
7. **Accession number:** 20251718309599
Title: Design of Anti-Rollover Warning of Vehicles Based on GPS Parameters
Authors: Chang, Li ; Zheng, Chunxin
Source title: Proceedings of 2024 Academic Conference of China Instrument and Control Society, ACCIS 2024
8. **Accession number:** 20251918402358
Title: Design of mechanical stabilization platform system for the strapdown guided system
Authors: Zhu, Kerui ; Wang, Xin ; Zhang, Yiqiao ; Zheng, Jiayu

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

9. Accession number: 20251918402398

Title: Study on accelerated life model of weak components of electronic fuze under multiple stresses

Authors: Luo, Wenxin ; Yue, Mingkai ; Zhang, Cong

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

10. Accession number: 20252218512973

Title: Design and Study of an Imaging System Based on Terahertz Interference

Authors: Guo, Ying ; Zhou, Xinyue ; Qi, Feng ; Wang, Guanwen

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