

2024 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
2024 年 6 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2024 年 4 月 1 日至 2024 年 6 月 30 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author Afflication”字段；
- ④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

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

联系人：刘英煜 商璐

联系电话：25496607

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一、2024 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 (44 篇)

1. **Accession number:** 20241415832829
Title: Molecular dynamics investigation on the thermal-oxidative aging and mechanical properties of nitrile butadiene rubber composites with molybdenum disulfide
Authors: Qian, Cheng; Chen, Jichi; Wang, Shijie; Wang, Mengjia; Song, Shuyuan
Source title: Applied Physics A: Materials Science and Processing
2. **Accession number:** 20241515877709
Title: Vibration control and bandgap tuning of Layer-Gradient periodic pipes based on composite cell
Authors: Li, Wenjie; Kong, Xiangxi; Xu, Qi; Hao, Ziyu
Source title: Composite Structures
3. **Accession number:** 20241415846709
Title: A novel method of optimized selective assembly for remanufactured products
Authors: Wang, Zisheng; Jiang, Xingyu; Yang, Guozhe; Song, Boxue; Ni, Zhijia; Zhang, Ren
Source title: International Journal of Advanced Manufacturing Technology
4. **Accession number:** 20241515863437
Title: A new global multiplexing structure of original features for road crack detection
Authors: Peng, Yuanyuan; Liu, Jie; Li, Chaofeng
Source title: International Journal of Pavement Engineering
5. **Accession number:** 20241415837421
Title: Research on the heating effect evaluation of the electromagnetic induction heating system at low temperature based on the electrochemical-thermal coupling model
Authors: Wang, Borui; Yan, Mingyin
Source title: Journal of Energy Storage
6. **Accession number:** 20241415834344
Title: A study of the tribological properties of Mo-S-Ti composite films prepared by magnetron sputtering
Authors: Bai, Xu; Xue, Xiangyang; Lu, Feng; Wu, Yuhou; Hao, Tianen
Source title: Materials Research Express
7. **Accession number:** 20241415831724
Title: Investigation on the influence of temperature-variation clearance on the frequency of rolling bearing defects
Authors: An, Wenjie; Gu, Yanling; Chen, Changzheng; Zheng, Hao; Tian, Miao
Source title: Measurement Science and Technology
8. **Accession number:** 20241415836119
Title: Research on Human-Robot Collaboration Method for Parallel Robots Oriented to Segment Docking
Authors: Sun, Deyuan; Wang, Junyi; Xu, Zhigang; Bao, Jianwen; Lu, Han
Source title: Sensors
9. **Accession number:** 20241715961893
Title: Research and development of innovative bidirectional control plate valve for reciprocating compressor

- Authors:** Cui, Weilin ; Wang, Dexi ; Hong, Xiao ; Liu, Dajing ; Fu, Xinrui ; Li, Shengdong
Source title: Applied Energy
- 10. Accession number:** 20241916052996
Title: High-precision 3D printing of multi-branch vascular scaffold with plasticized PLCL thermoplastic elastomer
Authors: Han, Yunda ; Wang, Heran ; Guan, Yuheng ; Li, Song ; Yuan, Zewei ; Lu, Lihua ; Zheng, Xiongfei
Source title: Biomedical Materials (Bristol)
- 11. Accession number:** 20241615942806
Title: Mechanical behaviour and micro-mechanism of atomically precise edge graphene nanoribbons mechanical cutting guided by hydrogen atom adsorption
Authors: Ran, Di ; Yuan, Zewei ; Wang, Ning ; Zheng, Peng
Source title: Diamond and Related Materials
- 12. Accession number:** 20241615943063
Title: A novel fault diagnosis method for permanent magnet synchronous motor based on VS-Inception
Authors: Zhang, Zipei ; Liu, Xiaojiang ; Chen, Changzheng ; Zhang, Pinyang ; Gao, Lu
Source title: Engineering Research Express
- 13. Accession number:** 20242216172627
Title: Effect of Sintering Temperature on the Friction and Wear Properties of Polyetheretherketone/Polytetrafluoroethylene Filled with Graphene
Authors: Liu, Lin ; Tang, Henan ; Wang, Yan ; Zhao, Jing
Source title : Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering
- 14. Accession number:** 20241615931695
Title: An Efficient Slicing Algorithm for Additive Manufacturing in Arbitrary Directions Based on Adjacent Triangles
Authors: Liu, Han ; Xing, Fei
Source title: IEEE Access
- 15. Accession number:** 20242216163992
Title: Selective Maintenance for a Multistate System Considering Energy Loss and Environmental Effect
Authors: Sun, Yao ; Zhou, Jie ; Sun, Zhili ; Wei, Zhe
Source title: IEEE Access
- 16. Accession number:** 20242416257037
Title: Design and control of variable stiffness joint based on magnetic flux adjustment mechanism
Authors: Zhang, Ming ; Hou, Lei ; Guo, Huaichao ; Li, Hongyu ; Sun, Feng ; Fang, Lijin
Source title: Industrial Robot
- 17. Accession number:** 20242416241457
Title: Simulation and experimental study on microgrinding mechanism and machining morphology of ITO conductive glass
Authors: Sun, Xingwei ; Qiu, Xiaolong ; Liu, Yin ; Pan, Fei ; Chen, Jiahao ; Zhang, Weifeng ; Dong, Zhixu ; Yang, Heran

- Source title:** International Journal of Advanced Manufacturing Technology
- 18. Accession number:** 20242416236371
Title: Experimental investigations into the effect of process parameters on the machining quality for ITO conductive glass by using microgroove grinding
Authors: Liu, Yin ; Qiu, Xiaolong ; Sun, Xingwei ; Pan, Fei ; Zhang, Weifeng ; Mu, Shibo ; Zhao, Hongxun ; Gong, Yadong
Source title: International Journal of Advanced Manufacturing Technology
- 19. Accession number:** 20241715964395
Title: Formation of a Needle-Like Structure when Surface Flaking Occurs During the Rolling Contact Fatigue of a GCr15 Bearing
Authors: Cheng, Sheng ; Sun, Yang ; Zhao, Wenhui ; Luan, Yikun ; Zheng, Chengwu ; Li, Dianzhong
Source title: Jinshu Xuebao/Acta Metallurgica Sinica
- 20. Accession number:** 20241615913732
Title: Research on Improved Low-rank and Sparse Decomposition-Based Method for Spot Images Denoising
Authors: Sun, Mengnan ; Dong, Zhixu ; Xu, Wei ; Sun, Xingwei ; Liu, Weijun
Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering
- 21. Accession number:** 20241615937768
Title: A multi-objective optimization method of directed energy deposition manufacturing process considering carbon emission
Authors: Liu, Ao ; Jiang, Xingyu ; Song, Boxue ; Chen, Keqiang ; Xu, Xiaowen ; Yang, Guozhe ; Liu, Weijun
Source title: Journal of Cleaner Production
- 22. Accession number:** 20242216155361
Title: Bandgap accuracy and characteristics of fluid-filled periodic pipelines utilizing precise parameters transfer matrix method
Authors: Li, Wenjie ; Kong, Xiangxi ; Xu, Qi ; Hao, Ziyu
Source title: Journal of Fluids and Structures
- 23. Accession number:** 20242316216035
Title: Effect of Salt Spray Corrosion Performance on Variable Polarity Plasma Arc Welding of Aerospace Aluminum Alloy
Authors: Gao, Chong ; Dong, Lihong ; Liu, Bin ; Wang, Haidou ; Li, Bin ; Lv, Xiaoren
Source title: Journal of Materials Engineering and Performance
- 24. Accession number:** 20242416252199
Title: Effect of laser shock peening on wear resistance of M50 steel
Authors: Sun, Yufeng ; Yu, Xingfu ; Liu, Weijun ; Su, Yong ; Wei, Yinghua ; Wang, Quanzhen
Source title: Materials Science and Technology (United Kingdom)
- 25. Accession number:** 20242316210360
Title: Structural evolution and microscopic mechanisms of atomically precise edge graphene nanoribbons prepared by chemical functionalization-assisted cutting
Authors: Ran, Di ; Yuan, Zewei ; Wang, Ning ; Zheng, Peng ; Tang, Meiling ; Sun, Jingting ; Feng, Song

- Source title:** Materials Today Communications
- 26. Accession number:** 20242116116861
Title: Micromechanical effects of substrate hardness on graphene nano-cutting quality
Authors: Tang, Meiling ; Yuan, Zewei ; Sun, Jingting ; He, Yan ; Wang, Ying ; Feng, Yusen ; Zhou, Xinbo ; Ran, Di
Source title: Materials Today Communications
- 27. Accession number:** 20242016105579
Title: Influence of Substrate Preheating on the Formation of Cracks and Microstructure in Ti-48Al-2Cr-2Nb Alloy via Laser Directed Energy Deposition
Authors: Cui, Baolei ; Liu, Weijun ; Bian, Hongyou
Source title: Materials Transactions
- 28. Accession number:** 20241816023569
Title: An improved LuGre friction model and its parameter identification of structural interface in thermal environment
Authors: Jia, Tichang ; Liu, Jie ; Wang, Yunzhao ; Li, Chaofeng ; Zhang, Haoyan
Source title: Mechanical Systems and Signal Processing
- 29. Accession number:** 20241816000788
Title: A Systematic Study of the Factors Affecting the Surface Quality of Chemically Vapor-Deposited Diamond during Chemical and Mechanical Polishing
Authors: Yuan, Zewei ; Cheng, Zhihui ; Feng, Yusen
Source title: Micromachines
- 30. Accession number:** 20242216160212
Title: Design and Analysis of 5-DOF Compact Electromagnetic Levitation Actuator for Lens Control of Laser Cutting Machine
Authors: Zhao, Chuan ; Zhang, Qinwei ; Pei, Wenzhe ; Jin, Junjie ; Sun, Feng ; Zhang, Hongkui ; Zhou, Ran ; Liu, Dongning ; Xu, Fangchao ; Zhang, Xiaoyou ; Yang, Lijian
Source title: Micromachines
- 31. Accession number:** 20241615913514
Title: Thermal Elastohydrodynamic Lubrication and Efficiency of Grease Lubricated Spiral Bevel Gears
Authors: Wang, Zhenbo ; Zheng, Peng
Source title: Moxaxue Xuebao/Tribology
- 32. Accession number:** 20242116140547
Title: Experimental and numerical investigation on displacement damage effect of caisson wharves subjected to underwater explosion
Authors: Gao, Peng ; Wang, Qidi ; Du, Zhipeng ; Yan, Ming ; Zhang, Lei ; Zhang, Shengnan
Source title: Ocean Engineering
- 33. Accession number:** 20241615914742
Title: A Study on the Effect and Suppression of Hydrogen Permeation Behavior on the Friction Characteristics of PEEK/PTFE Composites via Molecular Dynamics Simulation
Authors: Tang, Henan ; Wang, Minghui ; Li, Yunlong ; Wang, Yan
Source title: Polymers
- 34. Accession number:** 20241816014097

- Title:** Observer-based adaptive tracking control of robotic manipulators with predefined time-guaranteed performance: Theory and experiment
Authors: Zhang, Yue ; Fang, Lijin ; Song, Tangzhong ; Zhang, Ming
Source title: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science
- 35. Accession number:** 20242216179508
Title: Human - Robot Cooperation Control Strategy Design Based on Trajectory Deformation Algorithm and Dynamic Movement Primitives for Lower Limb Rehabilitation Robots
Authors: Zhou, Jie ; Sun, Yao ; Luo, Laibin ; Zhang, Wenxin ; Wei, Zhe
Source title: Processes
- 36. Accession number:** 20241816001967
Title: A High-Quality Sample Generation Method for Improving Steel Surface Defect Inspection
Authors: He, Yu ; Li, Shuai ; Wen, Xin ; Xu, Jing
Source title: Sensors
- 37. Accession number:** 20241916037356
Title: Theoretical Modeling and Experimental Research on Axial Ultrasonic High Speed Grinding of Bearing Inner Circle
Authors: Wu, Jinjin ; Wang, Xu ; Yuan, Julong ; Yuan, Zewei ; Wang, Anjing ; Chen, Cong
Source title: Surface Technology
- 38. Accession number:** 20242116124926
Title: SENSITIVITY FACTOR ANALYSIS ON INITIAL DAMAGE OF WIND TURBINE BLADE SPAR BASED ON GSA
Authors: Sun, Ning ; Zhou, Bo ; Zheng, Haocheng ; Li, Hui
Source title: Taiyangneng Xuebao/Acta Energriae Solaris Sinica
- 39. Accession number:** 20241715975227
Title: Pedestrians ' responses to scalable automated vehicles with different external human-machine interfaces: Evidence from a video-based eye-tracking experiment
Authors: Lyu, Wei ; Zhang, Wen-gang ; Wang, Xueshuang ; Ding, Yi ; Yang, Xinyue
Source title: Transportation Research Part F: Traffic Psychology and Behaviour
- 40. Accession number:** 20242016080848
Title: Simulation and experimental investigation of material removal profile based on ultrasonic vibration polishing of K9 optical glass
Authors: Qu, Sheng ; Sun, Xingwei ; Dong, Zhixu ; Liu, Yin ; Yang, Heran ; Zhang, Weifeng ; Mu, Shibo ; Wang, Zixuan ; Yu, Tianbiao ; Zhao, Ji
Source title: Tribology International
- 41. Accession number:** 20242316201303
Title: Analysis and evaluation of the synergistic effect of ceramic materials and surface texture on anti-abrasive particle wear under rolling conditions
Authors: Zhao, Xudong ; Zhang, Yimin ; Gao, Shuzhi
Source title: Tribology International
- 42. Accession number:** 20242016093639

Title: Looseness Behavior of Bolted Flange Connections under Cyclic Lateral Load During Rotation Loosening Period

Authors: Wang, Kai-Ping ; Yan, Ming ; Su, Dong-Hai ; Wang, Peng ; Hui, An-Min ; Liu, Hai-Chao

Source title: Tuijin Jishu/Journal of Propulsion Technology

43. Accession number: 20241715961927

Title: Effect of different chemical conversion coatings on the tribological performance of cylindrical thrust roller bearings under conditions of dry friction and solid lubrication

Authors: Xu, Xiao ; Zhang, Yimin

Source title: Wear

44. Accession number: 20241815993822

Title: Prediction Method of Laser-Deposited Melt Pool Width Based on Edge Iterative Model

Authors: Miao, Liguang ; Xing, Fei ; Chai, Yuanxin ; Yan, Chengxin ; Liu, Weijun

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

(二) 材料科学与工程学院 (100 篇)

1. **Accession number:** 20241415843867
Title: Dendrite-Free Zinc Anode via Oriented Plating with Alkaline Earth Metal Ion Additives
Authors: Cao, Jin; Wu, Junxiu; Wu, Haiyang; Jin, Yan; Luo, Ding; Yang, Xuelin; Zhang, Lulu; Zhang, Dongdong; Qin, Jiaqian; Lu, Jun
Source title: Advanced Functional Materials
2. **Accession number:** 20241515861109
Title: High energy storage properties achieved in 0.94(Bi_{0.5}Na_{0.5})TiO₃-0.06BaTiO₃ based relaxor ferroelectric ceramics via high-entropy design
Authors: Niu, Yiwen; Zhang, Fan; Zhang, Zhiqiang; Zhang, Xue; Wang, Zhan Jie
Source title: Ceramics International
3. **Accession number:** 20241515907818
Title: Preparation of C/Si₃N₄ flexible conductive composite films by coating method
Authors: Leng, Xinxin; Bai, Xueang; Qiao, Ruiqing
Source title: Ceramics International
4. **Accession number:** 20241515903416
Title: Regulating Electrode/Electrolyte Interface with Additives towards Dendrite-Free Zinc-Ion Batteries
Authors: Cao, Jin; Sun, Yongxin; Zhang, Dongdong; Luo, Ding; Wu, Haiyang; Wang, Xu; Yang, Chengwu; Zhang, Lulu; Yang, Xuelin; Qin, Jiaqian
Source title: ChemElectroChem
5. **Accession number:** 20241415832940
Title: Unveiling the dual tunability of dimension and pore structure in MAX-derived carbon via molten salt electrolysis
Authors: Pang, Sheng; Lu, Jijun; Cong, Liangwei; Xu, Youpeng; Sun, Yiwei; Zhang, Zhenqian; Guo, Jianwei; Wang, Dong; Yang, Xiao; Qian, Guoyu; Wang, Zhi
Source title: Chemical Engineering Journal
6. **Accession number:** 20241515873814
Title: Research Progress of High-Entropy Oxides as Oxygen Evolution Reaction Catalysts
Authors: Zhang, Qi; You, Junhua; Zhang, Xi; Yi, Baolin; Zhao, Yao; Li, Yuhui; Zhang, Hangzhou
Source title: Energy and Fuels
7. **Accession number:** 20241415837951
Title: Cross-Scale Transfer and Reaction Coupling during CO₂ Capture: A Novel DEM-PNM-Based Pore-to-Reactor-Scale Model
Authors: Li, Mingchun; Shen, Cunliang; Wang, Ruiyang; Li, Laishi; Wu, Yusheng
Source title: Industrial and Engineering Chemistry Research
8. **Accession number:** 20241515876022
Title: Foaming Behavior of AlMg₄Si₈ Matrix and Pure Al Matrix Precursors in Closed Cavities with Different TiH₂ Addition Levels
Authors: Zhiqiang, Guo; Yonglin, Gong; Guoyin, Zu; Xiaoguang, Yuan; Feng, Wang; Jinwei, Li

- Source title:** International Journal of Metalcasting
- 9. Accession number:** 20241415843383
Title: Effect of Alloying with Al, Nd and Ca and Heat Treatment on Microstructures and Mechanical Properties of Vacuum Die-Cast AM50 Alloy
Authors: Yang, Yang; Wang, Feng; An, Shuaijie; Lv, Guofeng; Du, Xudong; Li, Jinwei
Source title: International Journal of Metalcasting
- 10. Accession number:** 20241515871359
Title: Defective Cd_{0.3}Zn_{0.7}S / 1 T-2 H MoS₂ Z-scheme heterojunctions: Rational design with efficient charge transfer for enhanced photocatalytic H₂ generation
Authors: Xing, Jiahui; Wang, Yuzheng; Shi, Guimei; Li, Laishi; Wu, Yusheng
Source title: Journal of Alloys and Compounds
- 11. Accession number:** 20241415836733
Title: Effect of 0.5 at. % Cu addition on the crystallization behavior and soft magnetic properties of Fe₈₃B₁₁C₁Si₂P₃ alloy
Authors: Zhao, Min; Yang, Dong; Zhang, Wei; Liu, Hongyu; Xiang, Qingchun; Pang, Jing; Ren, Yinglei; Li, Xiaoyu; Qiu, Keqiang
Source title: Journal of Alloys and Compounds
- 12. Accession number:** 20241515891934
Title: Microstructural evolution and mechanical behavior of novel TiZrTa_xNbMo refractory high-entropy alloys
Authors: Shen, Xiangyang; Guo, Ziheng; Liu, Feng; Dong, Fuyu; Zhang, Yue; Liu, Chao; Wang, Binbin; Luo, Liangshun; Su, Yanqing; Cheng, Jun; Yuan, Xiaoguang; Liaw, Peter K.
Source title: Journal of Alloys and Compounds
- 13. Accession number:** 20241415831232
Title: Influence of Cl – Concentration on Corrosion Performance of Cu-Al Layered Composite Plate
Authors: Wang, Shuo; Li, Qian-Nan; Yang, Yu-Jun; Yuan, Xiao-Guang; Zuo, Xiao-Jiao
Source title: Journal of Materials Engineering and Performance
- 14. Accession number:** 20241515901262
Title: Effect of Heat Treatment on Microstructure and Wear Behavior of Laser Clad FeCoCrMoNi High-Entropy Alloy Coatings
Authors: Ma, Mingtao; Nie, Sainan; Yu, Huishu; Huang, Guoxuan; Wang, Xin; Zhang, Nannan
Source title: Journal of Materials Engineering and Performance
- 15. Accession number:** 20241515861019
Title: Mechanism of improving solidification structure of super austenitic stainless steel by feeding strip into molten steel
Authors: Geng, Yifeng; Zhang, Shucai; Li, Huabing; Zang, Ximin; Jiang, Zhouhua; Zhu, Hongchun; Feng, Hao; An, Shengcheng
Source title: Journal of Materials Engineering and Performance
- 16. Accession number:** 20241515891928
Title: Study of flow stress in Mg-Gd-Y-Nd-Zr alloys based on IWOA-BPNN model
Authors: Qin, Haoze; Kang, Shuang; Tang, Wanru; Liu, Zheng
Source title: Journal of Materials Research and Technology

- 17. Accession number:** 20241415837392
Title: Wear resistance of Ni/nano-Al₂O₃ composite coatings by brush electroplating
Authors: Gao, Meiyu; Pei, Zhiliang; Song, Guihong; Liu, Zhiyang; Li, Honglei; Gong, Jun
Source title: Journal of Materials Research and Technology
- 18. Accession number:** 20241515880628
Title: Improving energy storage performance of sol-gel-derived PbZrO₃ thin films by adjusting the water/acetic acid solvent ratio
Authors: Wen, Zhao Yang; Bai, Yu; Ma, Ying Hui; Ding, Shu Ming; Zhao, Cheng Chun; Wang, Zhan Jie
Source title: Journal of Sol-Gel Science and Technology
- 19. Accession number:** 20241515907251
Title: Metal-organic frameworks based on ternary transition metal ions for high-performance lithium ion batteries
Authors: Tian, Li-Yan; Huang, Peng-Bin; Lv, Jia-Qi; Zhang, Yu-Hang; Zhao, Li-Na; Liu, Li; Wang, Peng-Fei; Wu, Yu-Han; Shi, Qi; Shi, Fa-Nian
Source title: Journal of Solid State Chemistry
- 20. Accession number:** 20241515889754
Title: Self-supported NiFeS₂/NiFe-LDH nanoflowers for high-efficiency oxygen evolution
Authors: Wang, Luyao; Lin, Li; Zhang, Hongxu; Yu, Jia; Chen, Lijia
Source title: Materials Letters
- 21. Accession number:** 20241415845043
Title: Effect of non-isothermal aging on mechanical properties, corrosion behavior and microstructure of 7075 aluminum alloy
Authors: Wang, Yuezhu; Su, Ruiming; Jin, Meiling; Li, Guanglong
Source title: Materials Today Communications
- 22. Accession number:** 20241515888523
Title: EIS measurement on atmospheric exposure induced degradation of a pre-engineered passive coating on tinplate surface
Authors: Liu, Zhuang; Che, Xin; Jiang, Jinli; Qiao, Chuang; Dai, Chunli; Shen, Yong; Hao, Long; Chen, Lijia
Source title: Measurement: Journal of the International Measurement Confederation
- 23. Accession number:** 20241515871881
Title: Field-assisted metal-air batteries: Recent progress, mechanisms, and challenges
Authors: Wang, Wenliang; Yu, Tao; Cheng, Ying; Lei, Xuefei; Wang, Biao; Guo, Rui; Liu, Xuanwen; You, Junhua; Wang, Xiaoxue; Zhang, Hangzhou
Source title: Nano Energy
- 24. Accession number:** 20241515899749
Title: Boosting photocatalytic activity via interfacial interaction and BiOCl_{0.2}Br_{0.8}/g-C₃N₄ Z-scheme heterojunction with nitrogen-oxygen vacancy
Authors: Wang, Peijie; Li, Mingchun; Song, Minggao; Li, Huifeng; Ping, Zihan; Zhao, Guanyu; Wu, Yusheng; Li, Laishi
Source title: Optical Materials
- 25. Accession number:** 20241515907709

- Title:** First-principles prediction on the structural stability, electronic, optical and mechanical properties of TiBC, Ti₆Si₂B and Ti₆Ge₂B
Authors: Wang, Xiaoming; Ma, He; Zhang, Xudong; Chen, Lijia; Wu, Hao; Chen, Shiyi
Source title: Physica B: Condensed Matter
- 26. Accession number:** 20241515872933
Title: Magnetic behaviour of a mixed-spin ising model on a two-dimensional square-octagon lattice in a dynamic magnetic field
Authors: Wang, Xue-Jiao; Jiang, Wei
Source title: Physica Scripta
- 27. Accession number:** 20241615946198
Title: Reversible Protonated Electrolyte Additive Enabling Dendrites-Free Zn Metal Anode with High Depth of Discharge
Authors: Wang, Yuao ; Wang, Tiantian ; Mao, Yiyang ; Li, Zhuo ; Yu, Huiying ; Su, Mingyu ; Ye, Ke ; Cao, Dianxue ; Zhu, Kai
Source title: Advanced Energy Materials
- 28. Accession number:** 20242416260645
Title: In-Situ Ultrafast Construction of Zinc Tungstate Interface Layer for Highly Reversible Zinc Anodes
Authors: Cao, Jin ; Wu, Haiyang ; Zhang, Dongdong ; Luo, Ding ; Zhang, Lulu ; Yang, Xuelin ; Qin, Jiaqian ; He, Guanjie
Source title: Angewandte Chemie - International Edition
- 29. Accession number:** 20241916053385
Title: Boric acid-induced preferential deposition of (002) plane for highly stable zinc anode
Authors: Ou, Tianzhuo ; Cao, Qun ; Zhang, Dongdong ; Wu, Haiyang ; Zhang, Lulu; Luo, Ding ; Qin, Jiaqian ; Yang, Xuelin ; Cao, Jin
Source title: Applied Physics Letters
- 30. Accession number:** 20242416260393
Title: MOF-Derived Porous Carbon for Zinc-ion Hybrid Capacitors with Ultra-High Energy Density and Long Cycling Life
Authors: Zhang, Junjie ; Wu, Xiang ; Luo, Shaohua
Source title: Batteries and Supercaps
- 31. Accession number:** 20242016096582
Title: Creep Behavior and Mechanism of a Re/Ru-containing Nickel-based Single Crystal Superalloy
Authors: Tian, Songwen ; Liu, Lirong ; Tian, Sugui
Source title: Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
- 32. Accession number:** 20242216178756
Title: Excellent energy storage performance with high breakdown strength in Nb₂O₅-modified (Bi_{0.5}Na_{0.5})TiO₃-based ceramics
Authors: Zhang, Zhiqiang ; Zhang, Fan ; Niu, Yiwen ; Zhang, Xue ; Wang, Zhan Jie
Source title: Ceramics International
- 33. Accession number:** 20242016077973
Title: Suppressing interfacial reactions and burn-on defects in sand casted 13Cr9Mo1VNb steel castings. Part I: a novel MgO-chromite hybrid material

Authors: Li, Shisen ; Zang, Ximin ; Kong, Lingzhong ; Yang, Jie ; Jing, Yu'an ; Wang, Guocheng

Source title: Ceramics International

34. Accession number: 20241715957749

Title: Mechanical properties and toughening mechanism of B₄C - Al₂O₃ composite ceramics prepared by hot-press sintering

Authors: Zhang, Jie ; Zhang, Chunhua ; Zhang, Song ; Zhang, Wei

Source title: Ceramics International

35. Accession number: 20241816022201

Title: Enhanced Zn ion storage performance of a polypyrrole-coated Mn₃O₄ composite electrode

Authors: Li, Shilong ; Zhao, Ming ; Zhang, Wei-Chao ; Wu, Xiang

Source title: CrystEngComm

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Authors: Gao, Yingjun ; Ming, Hao ; Ye, Yumeng ; Yu, Lei ; Duan, Dongsheng ; Chen, Shengnan ; Ji, Wenjing ; Guan, Yinyan ; Liang, Jiyan

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Authors: He, Jianlin ; Liu, Guili ; Zhang, Chunwei ; Zhang, Guoying

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Title: NiMn₂O₄/CoS nanostructure electrode material for flexible asymmetric supercapacitors

Authors: Chen, Wei ; Yan, Lichen ; Song, Zehui ; Xiao, Li

Source title: Electrochimica Acta

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Title: EIS evaluation on the degradation behavior of rust-preventive oil coating exposure to NaCl electrolyte

Authors: Zhang, Hongyang ; Hao, Long ; Wang, Jianqiu ; Zhang, Song ; Zhang, Chunhua ; Ke, Wei

Source title: Electrochimica Acta

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Title: Exploring microstructure evolution and machine-learning methods based on SCAT-CIWOA-BP-DMM theory during hot deformation of 56Ni - 32Ti - 12Hf alloy

Authors: Fu, Chunzhe ; Tao, Chengchuang ; Huang, Hongjun ; Zhou, Ge ; Lin, Xuejian ; Zhang, Haoyu ; Chen, Lijia ; Yuan, Xiaoguang

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- Authors:** Zhao, Yun ; Zhang, Xudong ; Wang, Feng
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Authors: Bai, Chunyan ; Liu, Tongyu ; Shi, Ling ; Song, Lai ; Li, Yingmin ; Su, Ruiming ; Zhao, Yunpeng ; Yu, He
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Authors: Liu, Jingwen ; Su, Ruiming ; Shi, Ling ; Liu, Tongyu ; Li, Guanglong ; Shi, Minghao
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Authors: Ma, Jinzhe ; Zhang, Wei ; Li, Guanglong ; Qu, Yingdong ; Zhou, Zhangsong ; Zhang, Yajun ; Sun, Wei
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Authors: Zhao, Yu ; Zhang, Wei ; Li, Guanglong ; Qu, Yingdong ; Li, Rongde
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Title: Effect of Sb Addition on Hot Tearing Susceptibility and Mechanical Properties of Mg - 7Al - 1Ca - xSb (x = 0, 0.5, 1, 1.5, and 2 wt.%) Alloys
Authors: Wang, Yizhuo ; Song, Siying ; Wang, Feng ; Du, Xudong ; Wang, Zhi ; Zhou, Le ; Wei, Ziqi ; Mao, Pingli ; Li, Jinwei ; Xiang, Qingchun
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Authors: Lang, Zihan ; Wang, Feng ; Gao, Zibo ; Du, Xudong ; Li, Jinwei ; Wang, Zhi ; Zhou, Le ; Mao, Pingli
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Authors: Li, Xianliang ; Li, Guojian ; Liu, Shiyang ; Lan, Mingdi ; Sun, Shang ; Wang, Qiang

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Authors: Yan, Lichen ; Chen, Wei ; Song, Zehui ; Xiao, Li

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

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Authors: Wang, Yuezhu ; Shi, Ling ; Su, Ruiming ; Liu, Tongyu ; Li, Guanglong

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Authors: Qu, Lingyu ; Li, Laishi ; Wu, Yusheng ; Liu, Feng ; Wang, Yuzheng

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Authors: Zhang, Xiaojie ; Zhou, Ge ; Zhang, Haoyu ; Zhang, Siqian ; Ma, Xin ; Gan, Bin ; Chen, Lijia

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Authors: Lu, Pengfei ; Wu, Rongcheng ; Xu, Guangwen ; Wang, Guoxin

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Authors: Hao, Liping ; Yu, Tao ; Guo, Rui ; Liu, Chunming ; You, Junhua ; Zhang, Hangzhou

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Authors: Li, Shi-Sen ; Zang, Xi-Min ; Chen, Ji-Lin ; Yang, Jie ; Jing, Yu-An ; Wang, Zhi-Ying ; Kong, Ling-Zhong
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Authors: Du, Xudong ; Xu, Zhenyao ; Wang, Feng ; Bai, Shengwei ; Zhou, Le ; Kang, Xiaoqi ; Wang, Zhi ; Li, Jinwei
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Authors: He, Tiantao ; Yue, Chunyu ; Zheng, Bowen ; Gu, Feng ; Lin, Xuejian ; Zuo, Xiaojiao ; Wang, Yinxiao ; Huang, Hongjun ; Yuan, Xiaoguang
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Authors: Yang, Zhixin ; Zhang, Guiqing ; Su, Yunhai ; Feng, Shuo ; Liu, Xintong ; Yang, Yang
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Authors: Xu, Chenkun ; Wang, Zhi ; Zhou, Le ; Chen, Jian ; Wang, Feng ; Zhang, Weihai ; Wei, Ziqi ; Mao, Pingli
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Authors: Lao, Zhenhong ; Zhang, Haoyu ; Wang, Shengyuan ; Zhou, Ge ; Zhang, Siqian ; Chen, Lijia ; Li, Qifeng
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Authors: Wang, Shiwei ; Yue, Chunyu ; Kang, Jian ; Yuan, Xiaoguang
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Authors: Chunling, Gao ; Beibei, Wang ; Chao, Yang ; Qizhong, Zhao ; Yuelu, Ren ; Peng, Xue ; Dingrui, Ni ; Zongyi, Ma
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Authors: Mi, Chengdong ; He, Zhenghua ; Liu, Jiande ; Zhu, Xiaofei ; Sha, Yuhui ; Chen, Lijia ; Zuo, Liang
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Authors: Wang, Wei ; Li, Bo-Chen ; Wang, Tong-Lun ; Liang, Ji ; Zhang, Feng-Ge
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- Authors:** Le, Taihe ; Mao, Pingli ; Hu, Wenyi ; Le, Qichi
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Authors: Xie, Bin ; Shi, Hongwei ; Song, Yingwei ; Han, En-Hou
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Authors: Liu, Zhifeng ; Zhang, Siruo ; Cao, Fei ; Jiang, Yihui ; Chen, Zongning ; Kang, Huijun ; Cao, Zhiqiang ; Guo, Enyu ; Liang, Shuhua ; Wang, Tongmin
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Authors: Xia, Mengyuan ; Zhu, Huiwen ; Yu, Baoyi ; Zheng, Li ; Lv, Shunning ; Li, Lei ; Huang, Tao
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Authors: Zhou, Shuheng ; Liu, Lirong ; Yang, Yanhong ; Lv, Peisen
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Authors: Liu, Guangyi ; Yao, Ruyue ; You, Junhua ; Liu, Lili ; Yi, Baolin ; Zhao, Yao ; Li, Yuhui ; Zhang, Hangzhou
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Authors: Liu, Qiangbing ; Luan, Shiyu ; Liu, Xiaoyu ; Li, Xiaowei ; Feng, Yunduo ; Liu, Yafei ; Wang, Jinhui ; Jin, Peipeng
Source title: Materials Today Communications
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Title: Synergistic manipulation of physical properties of Ni-Mn-In-B alloys by atomic occupancy and magnetic states
Authors: Liang, Xinzeng ; Guan, Weimian ; Zhao, Jianguo ; Zhang, Congmin ; Wang, Xing ; Liu, Yanmei ; Jia, Dawei ; Bai, Jing ; Zhang, Haifeng
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Title: Hard carbon derived from *Physalis alkekengi* L. husks as a stable anode for sodium-ion batteries
Authors: Liu, Liying ; Tinker, Henry R. ; Wu, Yusheng ; Lv, Jiaqi ; Li, Laishi ; Fang, Yingjiao ; Wu, Yuhan ; Xu, Yang
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Authors: Liu, Yi ; Wu, Xiang
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Title: Updating mechanism of siderite roasting through insights into reactions between inherent oxides of iron and carbon
Authors: Zhang, Hong ; Liu, Xuejing ; Fu, Liangliang ; Jia, Xin ; Xu, Guangwen
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Title: Effect of Packing Structure Evolution on the Flow Characteristics in a Binary Composite Packed Bed Based on DEM-CFD Method
Authors: Shen, Cunliang ; Li, Mingchun ; Ji, Jie ; Yang, Xin ; Li, Laishi ; Wu, Yusheng
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Title: Influence of various heat treatment processes behavior of a novel maraging steel coating process on the microstructure, nanoindentation pattern, and wear
Authors: Xu, T.Z. ; Wang, T. ; Wang, R. ; Zhang, S. ; Zhang, C.H. ; Wu, C.L. ; Sun, X.Y. ; Chen, H.T. ; Chen, J.
Source title: Surface and Coatings Technology
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Title: Microstructure, tribological property and high temperature tensile property of Co-Cr-Ni-W alloy parts fabricated by laser directed energy deposition
Authors: Huang, Y.C. ; Wu, H. ; Xu, T.Z. ; Wang, R. ; Zhang, S. ; Zhang, C.H. ; Wu, C.L. ; Chen, H.T.
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- 93. Accession number:** 20241816021640
Title: Effects of heat treatment on the nano-indentation, corrosion and cavitation erosion behavior of 17-4PH stainless steel by laser surface melting
Authors: Yu, D.T. ; Wu, C.L. ; Zhang, S. ; Zhang, C.H. ; Chen, H.T. ; Tao, X.P.
Source title: Surface and Coatings Technology
- 94. Accession number:** 20242316207082
Title: Effect of Laser Shock Peening on Microstructure and Properties of Nickel-based Single Crystal Superalloy SRR99
Authors: He, Jiaqi ; Qiao, Hongchao ; Zhang, Nannan ; Zhao, Jibin ; Lu, Ying ; Yang, Yuqi
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Authors: GAO, Xue-feng ; CHEN, Yao ; REN, Hao ; QIN, Gang ; ZHOU, Qi-wen ; CHEN, Rui-run ; GUO, Jing-jie
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Source title: Transactions of the Indian Institute of Metals
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Authors: Wu, Shiyu ; Wang, Dingchen ; Tao, Xipeng ; Wang, Xinguang ; Zhang, Rui ; Zhou, Zijian ; Zhang, Song ; Wu, Chenliang ; Sun, Xiaofeng ; Zhou, Yizhou ; Cui, Chuanyong
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Authors: Wang, Kun ; Zhang, Xudong ; Wang, Feng
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Authors: Wang, Nan ; Song, Guihong ; Chen, Yu ; Li, Guipeng ; Hu, Fang ; Wu, Yusheng ; Du, Hao
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Authors: Li, Yunlu; Guerrero, Josep M.; Yang, Junyou; Guan, Yajuan; Ma, Guiqing; Feng, Jiawei
Source title: CSEE Journal of Power and Energy Systems
2. **Accession number:** 20241515886971
Title: Analysis of Factors Affecting Sub-Synchronous Oscillation in Doubly-Fed Wind Power Grid-Connected System Based on Impedance Sensitivity and Research on Suppression Strategy
Authors: Guo, Guoxian; Liu, Yingming; Wang, Xiaodong; Wang, Hanbo; Wang, Liming; Li, Ruikang
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Title: A cloud-edge cooperative scheduling model and its optimization method for regional multi-energy systems
Authors: Liu, Shuo; Teng, Yun; Cheng, SongQing; Xu, NingWei; Sun, Peng; Zhang, Kun; Chen, Zhe
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Authors: Zou, Huancheng; Lin, Xin; Zhong, Jianying; Wei, Jianwei; Xu, Hua; Chen, Xiaoxin
Source title: Gaodiana Jishu/High Voltage Engineering
5. **Accession number:** 20240315386844
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Authors: Long, Bo; Chen, Zhihao; Hu, Chengkun; Yu, Yinhui; Rodriguez, Jose; Guerrero, Josep M.
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Authors: Zhang, Shukuan; Wang, Facheng; Zhu, Jingwei; Zheng, Ping; Liu, Guangwei
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Authors: Chen, Dezhi; Zhao, Wenbo; Sun, Yun; Zhao, Wenliang; Zhang, Zhixiang; Xin, Ziyuan
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Title: Optimal Scheduling Framework of Integrated Energy System Based on Carbon Emission in Electricity Spot Market

Authors: Cai, Xiangyu; Wang, Haixin; Dong, Jian; Lu, Xinyi; Yang, Zihao; Cheng, Shanshan; Ma, Yiming; Yang, Junyou; Chen, Zhe

Source title: Journal of Circuits, Systems and Computers

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Title: Analysis, Design and Optimization of a High-Speed Interior Permanent Magnet Rotor

Authors: Zhang, Chao; Zhang, Lan; Wang, Xiaoyu; Tang, Renyuan

Source title: Journal of Electrical Engineering and Technology

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Title: Improved Flux Linkage Observer and Anti-Disturbance Transition for Wide-Speed Domain PMSM Sensorless Hybrid Control Strategy

Authors: Ding, Hongchang; Li, Jinhong; Tang, Xikai; Liu, Guangwei

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Title: An improved dynamic magnetic hysteresis model in soft magnetic composites

Authors: Zhao, Xuanzhe; Zhang, Dianhai; Ren, Ziyang; Shi, Kaimeng; Zhang, Yanli

Source title: Journal of Magnetism and Magnetic Materials

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Title: Dual sliding mode control of linear maglev synchronous motor based on novel extended state observer

Authors: Lei, Cheng; Lan, Yipeng; Xu, Zelai; Sun, Yunpeng; Li, Jiayu

Source title: Proceedings of the Institution of Mechanical Engineers. Part I: Journal of Systems and Control Engineering

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Title: Impact of contact rotation on the vacuum arc root movement

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

Source title: AIP Advances

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Title: Diagnosis of a rotor imbalance in a wind turbine based on support vector machine

Authors: Chen, Mingyang ; Guo, Shanshan ; Xing, Zuoxia ; Folly, Komla Agbenyo ; Liu, Yang ; Zhang, Pengfei

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Authors: Shi, Yu ; Wu, Zhitao ; Su, Xiaoying ; Tong, Wenming

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Title: Robust Resonant Predictive Current Control Based on Generalized Proportional Integral Observer for Permanent Magnet Synchronous Motor

Authors: Yang, Fan ; Zhao, Ximei ; Jin, Hongyan ; Wang, Xiaodong ; Liu, Xiaoyuan

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Authors: Zhao, Ximei ; Li, Dehao ; Jin, Hongyan
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
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Title: Direct power control strategy with fault-tolerant for open-winding brushless doubly-fed wind power generator
Authors: Zhu, Liancheng ; Xiao, Yang ; Jin, Shi ; Chen, Xiaohong
Source title: Dianli Zidonghua Shebei/Electric Power Automation Equipment
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Title: Control of BDFG Wind Turbine Based on Virtual Synchronous Generator Under Unbalanced Grid
Authors: Jin, Shi ; Liang, Shuai ; Shi, Long
Source title: Dianwang Jishu/Power System Technology
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Title: High-precision position tracking control for permanent magnet linear servo system
Authors: Jin, Hongyan ; Teng, Ran ; Zhao, Ximei
Source title: Electrical Engineering
- 24. Accession number:** 20242016088682
Title: Collaborative optimization model of industrial high-energy consumption park under green and low-carbon transformation
Authors: Ma, Shaohua ; Wang, Qiwei ; Nie, Tong ; Chen, Zhe ; Teng, Yun
Source title: Electronics Letters
- 25. Accession number:** 20241815999811
Title: Research on Market Evaluation Model of Reserve Auxiliary Service Based on Two-Stage Optimization of New Power System
Authors: Qu, Boyang ; Fu, Lisi
Source title: Energies
- 26. Accession number:** 20242016082093
Title: Design and Analysis of New Type of Magnetically Controlled Reactor

- Authors:** Liu, Yang ; Yang, Fuyao ; Han, Yu ; Gao, Jie ; Wang, Cong ; Chen, Dezhi ; Bai, Haonan
Source title: Energies
- 27. Accession number:** 20242316218684
Title: A novel trading optimization strategy of source-load bilateral thermoelectric spot based on industrial parks interior
Authors: Cui, Jia ; Zhang, Ximing ; Liu, Wei ; Yan, Xinyue ; Hu, Zhen ; Li, Chaoran ; Huang, Jingbo
Source title: Energy
- 28. Accession number:** 20241715961874
Title: Load forecasting based on dynamic adaptive and adversarial graph convolutional networks
Authors: Liu, Jinglu ; Dong, Shengai ; Zhang, Pengfei ; Li, Tie ; Peng, Chengkun ; Hu, Zhanshuo
Source title: Energy and Buildings
- 29. Accession number:** 20241816002347
Title: A novel scenario generation and forecasting method for multiple future states at source side based on combinatorial models
Authors: Wang, Shunjiang ; Li, Zihan ; Cui, Jia ; Xu, Kun ; Zhang, Ximing ; Huang, Jingbo ; Li, Chaoran
Source title: Energy Conversion and Management
- 30. Accession number:** 20242116118719
Title: Research on the optimal capacity configuration of green storage microgrid based on the improved sparrow search algorithm
Authors: Zhu, Nan ; Ma, Xiaoning ; Guo, Ziyao ; Shen, Chen ; Liu, Jie
Source title: Frontiers in Energy Research
- 31. Accession number:** 20241615931811
Title: Investigating the Influence of Free-Electron Pulses and Neutral Excited Species Formation on Discharge Development: By PD Quantum Optics Analysis and Plasma Simulation
Authors: Feng, Yuning ; Cai, Zhiyuan ; Yuan, Shun ; Ma, Shaohua ; Hui, Enliang
Source title: IEEE Access
- 32. Accession number:** 20242016081875
Title: Design and Analysis of a New Excitation Structure for Magnetron Sputtering
Authors: Su, Ze-Da ; An, Yue-Jun ; An, Hui ; Lu, Yan-Jun ; Deng, Wen-Yu ; Qi, Li-Jun ; Li, Ming
Source title: IEEE Access
- 33. Accession number:** 20241615931979
Title: Digital Twin Assisted Economic Dispatch for Energy Internet With Information Entropy
Authors: Ren, Rufe i ; Li, Yushuai ; Sun, Qiuye ; Xie, Xiangpeng ; Liu, Lei ; Gao, David Wenzhong
Source title: IEEE Transactions on Automation Science and Engineering
- 34. Accession number:** 20241916048452

- Title:** A Privacy-Preserving Distributed Economic Dispatch Method for Integrated Port Microgrid and Computing Power Network
Authors: Teng, Fei ; Ban, Zixiao ; Li, Tieshan ; Sun, Qiuye ; Li, Yushuai
Source title: IEEE Transactions on Industrial Informatics
- 35. Accession number:** 20242116111361
Title: Analysis of Magneto-Mechanical Properties at the Tooth-Yoke Embedding Position in Grain-Oriented Electrical Steel Electric Motors
Authors: Li, Zhiye ; Li, Yuxiao ; Qin, Yiwei ; Zeng, Lubin ; Li, Jun ; Pei, Ruilin
Source title: IEEE Transactions on Magnetics
- 36. Accession number:** 20242116111304
Title: Research on Magnetic-thermal Coupling of High Permeability Soft Magnets in SynRMs
Authors: Li, Jun ; Ge, Jiahao ; Li, Yuxiao ; Li, Zhiye ; Qin, Yiwei ; Zeng, Lubin ; Pei, Ruilin
Source title: IEEE Transactions on Magnetics
- 37. Accession number:** 20242316202703
Title: Vibration Analysis of PMLSM Considering Magnetostriction under High-intensity Magnetic Fields
Authors: Fu, Renjie ; Dong, Ting ; Zhang, Bo ; Zhao, Guilin ; Feng, Wei
Source title: IEEE Transactions on Magnetics
- 38. Accession number:** 20242416236882
Title: Characteristic Analysis and Motor Application of Continuous Casting Slab with High Saturation Magnetic Flux Density
Authors: Li, Yulin ; Yan, Changhao ; Xie, Shishu ; Zeng, Lubin ; Pei, Ruilin
Source title: IEEE Transactions on Magnetics
- 39. Accession number:** 20242116111382
Title: Effect of Cutting Process on the Magnetic Properties of Electrical Steels with Different Si Contents
Authors: Ma, Deji ; Sun, Chao ; Tian, Baozhi ; Zeng, Lubin ; Pei, Ruilin
Source title: IEEE Transactions on Magnetics
- 40. Accession number:** 20242416235653
Title: Effect of Si Content on Magnetostrictive properties of Electrical Steel Sheet Considering Tensile Stress
Authors: Ma, Deji ; Sun, Chao ; Li, Yuxiao ; Tian, Baozhi ; Li, Weizhou ; Zeng, Lubin ; Pei, Ruilin
Source title: IEEE Transactions on Magnetics
- 41. Accession number:** 20242216161234
Title: Interturn Voltage Stress Comparison and Analysis of Different Typology of Hairpin Windings for EV Traction Machines
Authors: Ju, Xiaowei ; Zhang, Yue ; Liu, Guangwei ; Cheng, Yuan ; Cui, Shumei
Source title: IEEE Transactions on Transportation Electrification
- 42. Accession number:** 20242416236920
Title: General Analytical Model for Electromagnetic-Thermal Bi-Directional Coupling of IPM Motors in Electric Vehicles Considering Different Rotor Structures
Authors: Li, Shiqi ; Tong, Wenming ; Wu, Shengnan ; Tang, Renyuan

- Source title:** IEEE Transactions on Vehicular Technology
- 43. Accession number:** 20241615935446
Title: An Optimized Grid-Forming Control Strategy for the Flexible Interconnection System in Distribution Transformer Areas
Authors: Yu, Gaole ; Xu, Jianyuan ; Yan, Zheng ; Ren, Wenlong
Source title: IEEE Transactions on Electrical and Electronic Engineering
- 44. Accession number:** 20241916037727
Title: Robust Lightweight Design of the GIL/GIS Bus Based on Co-Simulation of Insulation, Current Flow, and Mechanical Stress
Authors: Cui, Zhaoxuan ; Lin, Xin ; Zhong, Jianying ; Yao, Yongqi ; Xu, Jianyuan ; Wang, Zhijun ; Zhang, Hao
Source title: IEEE Transactions on Electrical and Electronic Engineering
- 45. Accession number:** 20241615936067
Title: Co-excitation control of a four-degree-of-freedom magnetic bearing switched reluctance motor based on mathematical models
Authors: Liu, Zeyuan ; Wu, Xingcheng ; Cai, Jun ; Yang, Yan ; Liu, Chengzi
Source title: IET Electric Power Applications
- 46. Accession number:** 20241916050897
Title: Digital implementation method and research on thermal life loss of power transformers
Authors: Dongxue, Li ; Yan, Liu ; Jialin, Jiang ; Yongteng, Jing ; Zhonghua, Lv ; Guolong, Chen ; Ran, Liu
Source title: IET Electric Power Applications
- 47. Accession number:** 20242116140366
Title: Influence of power quality and stack temperature on the specific energy consumption of alkaline electrolyzer
Authors: Dong, Yannan ; Chen, Zhe ; Li, Xiangjun ; Wang, Haixin ; Han, Zijiao ; Ma, Shaohua ; Yao, Xin
Source title: IET Renewable Power Generation
- 48. Accession number:** 20242016088863
Title: Research on improved active disturbance rejection control strategy for hydraulic-driven Stewart stabilization platform
Authors: Qu, Xingyu ; Li, Zhenyang ; Chen, Qilong ; Peng, Chengkun ; Wang, Qinghe
Source title: Industrial Robot
- 49. Accession number:** 20242416251106
Title: Supply and Demand Balance Control Strategy for Microgrids Considering Uncertainty and Disturbance Based on Online H^∞ Policy Iteration
Authors: Liu, Yang ; Jiang, Zhanpeng ; Xing, Zuoxia ; Liu, Hengyu ; Li, Pengtao ; Han, Xingfan
Source title: Journal of Computing and Information Science in Engineering
- 50. Accession number:** 20242316201836
Title: Hot tearing behavior and mechanism of AXJ530 alloy under rotating magnetic field
Authors: Du, Xudong ; Xu, Zhenyao ; Wang, Feng ; Bai, Shengwei ; Zhou, Le ; Kang, Xiaoqi ; Wang, Zhi ; Li, Jinwei
Source title: Journal of Magnesium and Alloys

- 51. Accession number:** 20242016090393
Title: Compensation characteristics and hysteresis loops of a fullerene-like (XY)₅₄₀: a Monte Carlo study
Authors: Wang, Wei ; Li, Bo-Chen ; Wang, Tong-Lun ; Liang, Ji ; Zhang, Feng-Ge
Source title: Journal of Materials Science
- 52. Accession number:** 20242116124142
Title: Electromagnetic-Acoustic Sensing-Based Multi-Feature Fusion Method for Stress Assessment and Prediction
Authors: Qiu, Fasheng ; Fu, Weicheng ; Wu, Wei ; Zhang, Hong ; Shi, Wenzhe ; Zhang, Yanli ; Li, Dongru
Source title: Journal of Nondestructive Evaluation
- 53. Accession number:** 20241916054668
Title: Segmented pseudo-differential feedback control algorithm for special vehicle motor drive systems
Authors: Wu, Zhiheng ; Liu, Aimin
Source title: Journal of Power Electronics
- 54. Accession number:** 20241816013560
Title: Performance Study of High-Speed Permanent Magnet Synchronous Motor with Amorphous Alloy Considering Temperature Effect
Authors: Yan, Changhao ; Hu, Haiyang ; Li, Zhiye ; Zeng, Lubin ; Pei, Ruilin
Source title: Materials
- 55. Accession number:** 20242016080951
Title: Study on the Performance of a High-Speed Motor, Considering the Effect of Temperature on the Properties of High-Strength Non-Oriented Silicon Steel
Authors: Li, Yulin ; Yan, Changhao ; Wang, Anqi ; Li, Jun ; Zeng, Lubin ; Pei, Ruilin
Source title: Materials
- 56. Accession number:** 20241515857968
Title: Low-Carbon Optimal Scheduling Model for Peak Shaving Resources in Multi-Energy Power Systems Considering Large-Scale Access for Electric Vehicles
Authors: Dai, Kang ; Zhang, Kun ; Li, Jicheng ; Liu, Liang ; Chen, Zhe ; Sun, Peng
Source title: Processes
- 57. Accession number:** 20241215779160
Title: A Dynamic Partition Model for Multi-Energy Power Grid Energy Balance Considering Electric Vehicle Response Willingness
Authors: Qiu, Shi ; Zhang, Kun ; Chen, Zhuo ; Ma, Yiling ; Chen, Zhe
Source title: Processes
- 58. Accession number:** 20242116126346
Title: SENSORLESS BACK-STEPPING DIRECT POWER CONTROL OF DUAL-STATOR BRUSHLESS DOUBLY-FED WIND POWER GENERATOR
Authors: Zhu, Liancheng ; Xiao, Yang ; Su, Xiaoying ; Jin, Shi ; Chen, Xiaohong
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
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Title: RESEARCH ON OPTIMAL CONTROL OF MINE-USED PERMANENT MAGNET DIRECT-DRIVE VARIABLE FREQUENCY INTEGRATED MACHINE BASED ON EXTENDED KALMAN FILTER

Authors: Wang, Sen ; Chen, Nan ; Tang, Chong ; Du, Jianmin ; Yu, Zhanyang

Source title: UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science

60. Accession number: 20242316202367

Title: Calculation of Slot Inductance of Axial Flux Permanent Machine With Yokeless and Segmented Armature

Authors: Wang, Chao ; Peng, Bing ; Yan, Wei ; Guo, Zhenxing

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

(四) 信息科学与工程学院 (17 篇)

1. **Accession number:** 20241515888716
Title: Measurement of steam dryness using one-dimensional acoustic waves in pipelines
Authors: Rui, Pei; Danping, Jia; Zhensheng, Zang; Yixuan, Lv; Bo, Liu; Yong, Sun; Meng, Dong
Source title: Flow Measurement and Instrumentation
2. **Accession number:** 20241415845093
Title: Development of high-efficiency superparamagnetic drug delivery system with MPI imaging capability
Authors: Bai, Shi; Zhang, Xiao-Dan; Zou, Yu-Qi; Lin, Yu-Xi; Liu, Zhi-Yao; Li, Ke-Wen; Huang, Ping; Yoshida, Takashi; Liu, Yi-Li; Li, Ming-Shan; Zhang, Wei; Wang, Xiao-Ju; Zhang, Min; Du, Cheng
Source title: Frontiers in Bioengineering and Biotechnology
3. **Accession number:** 20241315830808
Title: Industrial robot running time periodization and model iterative optimization NURBS trajectory interpolation
Authors: Yang, Bo-Han; Xing, Yan-Hao; Zhang, Jia; Zhang, Hua-Liang; Zhang, Jian-Peng
Source title: Kongzhi Lilun Yu Yingyong/Control Theory and Applications
4. **Accession number:** 20241515908864
Title: TFC-TFECR feature extraction and state recognition of acoustic emission signal of cylindrical roller bearing
Authors: Yu, Yang; Li, Yun; Yang, Ping; Pu, Fanzi; Ben, Yunpeng
Source title: Nondestructive Testing and Evaluation
5. **Accession number:** 20241515868716
Title: Empowering urban energy transition through data-driven decision-making: A statistical examination of technological innovations in transportation and mobility
Authors: Zhang, Fuli; Zhou, Ling; Wang, Zhichen; Lv, Congna; Zhang, Qi; Wang, Jing; Zhang, Jing; Zhang, Yongpeng
Source title: Sustainable Cities and Society
6. **Accession number:** 20242316199662
Title: Measurement method of virtual image distance for a head-mounted display based on a variable-focus liquid lens
Authors: Huang, Shuangjiang ; Wang, Lihui ; Huang, Yutao ; He, Yuan ; Bai, Shi
Source title: Applied Optics
7. **Accession number:** 20242316207089
Title: High-speed eye tracking based on a synchronized imaging mechanism by a dual-ring infrared lighting source
Authors: Zhang, Xiao ; Wang, Lihui ; He, Yuan ; Mou, Zhiwei ; Cao, Yiqi
Source title: Applied Optics
8. **Accession number:** 20241916054387
Title: A new ECT image reconstruction algorithm based on Vision transformer (ViT)
Authors: Wu, Xin-Jie ; Xu, Si-Kai ; Gao, Ming-Yu ; Liu, Yan-Dong; Liu, Shi-Xing ; Yan, Hua ; Wang, Yan

- Source title:** Flow Measurement and Instrumentation
9. **Accession number:** 20242016082201
Title: Double Broad Q-Network for Overtaking Control of Autonomous Driving
Authors: Peng, Xiting ; Bu, Xinyu ; Zhang, Xiaoyu ; Dong, Mianxiong ; Ota, Kaoru
Source title: IEEE Transactions on Vehicular Technology
10. **Accession number:** 20241816018034
Title: Automatic delineation of clinical target volumes and organs at risk in cervical cancer radiotherapy using ResAU-Net
Authors: Liu, Xueping ; Zhao, Guiping ; Ding, Silu ; Bai, Shi ; Zhang, Jiahui ; Lu, Yukai ; Du, Jingjing ; Liu, Xingya
Source title: Journal of Biotech Research
11. **Accession number:** 20242216160212
Title: Design and Analysis of 5-DOF Compact Electromagnetic Levitation Actuator for Lens Control of Laser Cutting Machine
Authors: Zhao, Chuan ; Zhang, Qinwei ; Pei, Wenzhe ; Jin, Junjie ; Sun, Feng ; Zhang, Hongkui ; Zhou, Ran ; Liu, Dongning ; Xu, Fangchao ; Zhang, Xiaoyou ; Yang, Lijian
Source title: Micromachines
12. **Accession number:** 20241615947154
Title: Research on Adversarial Attacks and Robustness in Vehicle Trajectory Prediction
Authors: Sang, Haifeng ; Zhao, Zishan ; Wang, Jinyu ; Chen, Wangxing
Source title: Qiche Gongcheng/Automotive Engineering
13. **Accession number:** 20241916068308
Title: Magnetic leakage behavior assessment in pipeline stress-concentrated areas using improved force-magnetic coupling model
Authors: Huang, Ping ; Li, Yue ; Zheng, Fuyin ; Yang, Lijian ; Su, Yuming ; Ma, Long ; Wang, Chuang ; Dou, Jie ; Li, Yuanyuan ; Qiu, Zhichuan ; Zhang, Xiaodan ; Bai, Shi
Source title: Review of Scientific Instruments
14. **Accession number:** 20242016077265
Title: Surface Defect Detection of Aluminum Profiles Based on Multiscale and Self-Attention Mechanisms
Authors: Shao, Yichuan ; Fan, Shuo ; Zhao, Qian ; Zhang, Le ; Sun, Haijing
Source title: Sensors
15. **Accession number:** 20242116122936
Title: An improved multi-frequency eddy current array sensor for detecting micro-defects of welding seam in metal plates
Authors: Huang, Ping ; Qiu, Zhichuan ; Zheng, Fuyin ; Zhang, Xiaodan ; Shi, Meng ; Yang, Lijian ; Su, Yuming ; Ma, Long ; Li, Yue ; Li, Yuanyuan ; Dou, Jie ; Wang, Chuang ; Bai, Shi
Source title: Sensors and Actuators A: Physical
16. **Accession number:** 20242116124828
Title: DEFECT CLASSIFICATION ALGORITHM OF WIND TURBINE BLADES BASED ON PSO-XGBOOST
Authors: Zheng, Hao ; Jia, Zhanfei ; Zhou, Liting ; Wang, Zhuo
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
17. **Accession number:** 20242316205128

Title: A comprehensive review of deep learning approaches for group activity analysis

Authors: Zhang, Gang ; Geng, Yang ; Gong, Zhao G.

Source title: Visual Computer

(五) 管理学院 (4 篇)

1. **Accession number:** 20241415832232

Title: A Multi-Objective Site Selection Model Considering Service Utility and Capability Matching in Outsourcing Collaboration Mode

Authors: Tang, Qi; Shu, Ruoqi; Wu, Baotong

Source title: IEEE Access

2. **Accession number:** 20241515900919

Title: Oxidation Weight Gain Model for Electrodes During Electroslag Remelting of Superalloy Inconel 718

Authors: Zang, Ximin; Xie, Xiangxiang; Li, Wanming

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

3. **Accession number:** 20241615937738

Title: Design of distributed trading mechanism for prosumers considering the psychological gap effect in community electricity markets

Authors: Guan, Yue ; Hou, Qiang

Source title: Electric Power Systems Research

4. **Accession number:** 20242116107098

Title: Optimization of kitting material distribution of mixed-model assembly line under robot-operator picking environment

Authors: Zhou, Xiaoye ; Ma, Xiaoyun ; Zhu, Meilin

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

(六) 理学院 (16 篇)

1. **Accession number:** 20241515870836
Title: Leader-following mean square consensus of stochastic switched multi-agent systems with event-triggered control
Authors: Ma, Yizhuo; Dong, Xiaoxiao
Source title: International Journal of Systems Science
2. **Accession number:** 20241515907709
Title: First-principles prediction on the structural stability, electronic, optical and mechanical properties of TiBC, Ti6Si2B and Ti6Ge2B
Authors: Wang, Xiaoming; Ma, He; Zhang, Xudong; Chen, Lijia; Wu, Hao; Chen, Shiyi
Source title: Physica B: Condensed Matter
3. **Accession number:** 20242216175022
Title: A Linear Interpolation and Curvature-Controlled Gradient Optimization Strategy Based on Adam
Authors: Sun, Haijing ; Zhou, Wen ; Shao, Yichuan ; Cui, Jiaqi ; Xing, Lei ; Zhao, Qian ; Zhang, Le
Source title: Algorithms
4. **Accession number:** 20242116119531
Title: Dynamic magnetic and thermodynamic behaviors of edge-modified graphene-like nanoparticles in a time-dependent magnetic field
Authors: Liu, Zhen-Yu ; Wang, Wei ; Lv, Dan ; Li, Bo-Chen
Source title: Applied Physics A: Materials Science and Processing
5. **Accession number:** 20242416250045
Title: Quantum stereodynamics studies for the $\text{Li} + \text{HF} (v = 0, j = 1) \rightarrow \text{H} + \text{LiF}$ reaction
Authors: Buren, Bayaer ; Xu, Xiaoxi ; Chen, Maodu
Source title: Chemical Physics Letters
6. **Accession number:** 20241816019095
Title: Primal-dual active set method for evaluating American put options on zero-coupon bonds
Authors: Zhang, Qi ; Wang, Qi ; Song, Haiming ; Hao, Yongle
Source title: Computational and Applied Mathematics
7. **Accession number:** 20242416259771
Title: Stability analysis of a class of singular fuzzy systems with time delays via event-triggered sliding mode control
Authors: Zhang, Jianyu ; Wang, Yingying ; Liu, Yan ; Kang, Yamin ; Liu, Peiran
Source title: Information Sciences
8. **Accession number:** 20241916047910
Title: Investigation on the hydrogen storage properties, electronic, mechanical properties, debye temperature of $\text{H}_2\text{AXO}_2\text{S}_2$ ($X=\text{Na}, \text{Rb}, \text{Cs}, \text{K}$) hydrides
Authors: Zhao, Yun ; Zhang, Xudong ; Wang, Feng
Source title: International Journal of Hydrogen Energy
9. **Accession number:** 20241916068301

Title: The influence of stereodynamical control on the nonadiabatic effects in the $D + HD (v = 1, j = 2) \rightarrow D_2 + H$ reaction

Authors: Xu, Xiaoxi ; Yang, Zijiang ; Buren, Bayaer ; Chen, Maodu

Source title: Journal of Chemical Physics

10. Accession number: 20242016090393

Title: Compensation characteristics and hysteresis loops of a fullerene-like (XY)₅₄₀: a Monte Carlo study

Authors: Wang, Wei ; Li, Bo-Chen ; Wang, Tong-Lun ; Liang, Ji ; Zhang, Feng-Ge

Source title: Journal of Materials Science

11. Accession number: 20241816001463

Title: Crossed Andreev reflection in normal-superconductor-normal junction based on Kekulé-Y patterned graphene

Authors: Li, Xue-Si ; Liu, Dong-Yan ; Jin, Zhao ; He, Chun-Lin

Source title: Journal of Physics Condensed Matter

12. Accession number: 20242316200924

Title: Investigation on the lattice vibration, mechanical properties, stress-strain behavior and electronic properties of FeTiSi, CoTiSi and NiTiSi intermetallics from a first-principles calculations

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

Source title: Materials Today Communications

13. Accession number: 20242016099607

Title: Compensation temperature and hysteresis behaviors of the ferrimagnetic bilayer zigzag graphyne nanoribbon with RKKY interaction

Authors: Lv, Jia-qi ; Zhang, Fan ; Wang, Wei ; Li, Bo-chen

Source title: Physica A: Statistical Mechanics and its Applications

14. Accession number: 20241916057466

Title: Non-Abelian phase and geometric force in a quantum-classical hybrid system

Authors: Liu, Yang ; Zhang, Y.N. ; Yi, X.X. ; Liu, H.D.

Source title: Physical Review A

15. Accession number: 20242016077265

Title: Surface Defect Detection of Aluminum Profiles Based on Multiscale and Self-Attention Mechanisms

Authors: Shao, Yichuan ; Fan, Shuo ; Zhao, Qian ; Zhang, Le ; Sun, Haijing

Source title: Sensors

16. Accession number: 20242116115883

Title: The electronic, mechanical, anisotropic and thermodynamic properties of ZrAlNi, ZrAlNi₂, ZrAl₅Ni₂ and Zr₆Al₂Ni ternary intermetallics

Authors: Wang, Kun ; Zhang, Xudong ; Wang, Feng

Source title: Vacuum

(七) 建筑与土木工程学院 (43 篇)

1. **Accession number:** 20241515871377
Title: A Fast Nonsingleton Type-3 Fuzzy Predictive Controller for Nonholonomic Robots Under Sensor and Actuator Faults and Measurement Errors
Authors: Mohammadzadeh, Ardashir; Taghavifar, Hamid; Zhang, Youmin; Zhang, Wenjun
Source title: IEEE Transactions on Systems, Man, and Cybernetics: Systems
2. **Accession number:** 20241515908892
Title: First-principles study of the effect of tensile strain on the electronic and optical properties of Al-doped monolayer SnS₂
Authors: Ma, Mengting; Liu, Guili; Gao, Xuewen; He, Jianlin; Zhang, Guoying
Source title: International Journal of Modern Physics B
3. **Accession number:** 20241515908936
Title: Effect of shear deformation on electronic and optical properties of monolayer WS₂-doped Mo atoms
Authors: Wang, Ying; Yang, Nan; Gao, Xuewen; Su, Qing; Liu, Guili; Zhang, Guoying
Source title: International Journal of Modern Physics B
4. **Accession number:** 20241515881489
Title: Experimental study on the mechanical properties and uniaxial compressive constitutive relationship of sea sand coral concrete
Authors: Wang, Chao; Sun, Li; Zhang, Chunwei; Li, Chuang; Qiao, Pizhong; Chen, Xingyi
Source title: Journal of Building Engineering
5. **Accession number:** 20241515913273
Title: Biaxial strain modulation of the optoelectronic properties of F-doped defective monolayer SnS₂
Authors: Ma, Mengting; Liu, Guili; Yang, Zhonghua; Zhang, Guoying
Source title: Physica Scripta
6. **Accession number:** 20241515877127
Title: Photovoltaic properties of alkali metal X (X=Li, Na, K, Rb, Cs) doped defective molybdenum diselenide structures: First principles study
Authors: Su, Dan; Liu, Guili; Wei, Ran; Ma, Mengting; Mu, Yansong; Yang, Zhonghua; Zhang, Guoying
Source title: Solid State Communications
7. **Accession number:** 20241515854431
Title: Electronic structure and magnetism manipulation of non-metal-doped monolayer chromium disulfide under strain
Authors: Liu, Huaidong; Yang, Lu; Zhao, Yanshen; Sun, Shihang; Wei, Xingbin
Source title: Structural Chemistry
8. **Accession number:** 20241415847497
Title: Research on crack initiation mechanism and critical water pressure of basalt under hydraulic coupling
Authors: Zhu, Ze-Qi; Tian, Kai-Wei; Xu, Qi-Zhong; Cui, Lan; Sheng, Qian
Source title: Yantu Lixue/Rock and Soil Mechanics
9. **Accession number:** 20242216184888

Title: Effect of Diethanol-Isopropanolamine and Typical Supplementary Cementitious Materials on the Hydration Mechanism of BOF Slag Cement Pastes

Authors: Wang, Hongyu ; Gu, Xiaowei ; Xu, Xiaochuan ; Liu, Jianping ; Zhu, Zhenguo ; Wang, Shenyu

Source title: Buildings

10. Accession number: 20241815997151

Title: Utilization of Copper - Molybdenum Tailings to Enhance the Compressive Strength of Alkali-Activated Slag-Fly Ash System

Authors: Wang, Fengdan ; Gu, Xiaowei ; Wang, Qing ; Liu, Jianping ; Xu, Xiaochuan ; Zhao, Yunqi

Source title: Buildings

11. Accession number: 20242216172005

Title: Study on the Properties and Hydration Mechanism of Calcium Carbide Residue-Based Low-Carbon Cementitious Materials

Authors: Wang, Qing ; Wang, Ying ; Gu, Xiaowei ; Liu, Jianping ; Xu, Xiaochuan

Source title: Buildings

12. Accession number: 20241816002438

Title: Mechanical Properties and Hydration Mechanism of Iron Tailings - Cement-Based Supplementary Cementitious Materials

Authors: Hu, Ziyang ; Gu, Xiaowei ; Liu, Jianping ; Ge, Xiaowei ; Wang, Shenyu ; Yin, Shiqi

Source title: Buildings

13. Accession number: 20241816001906

Title: The Role of Chemical Activation in Strengthening Iron Ore Tailings Supplementary Cementitious Materials

Authors: Hu, Zhihang ; Gu, Xiaowei ; Cheng, Baojun ; Wang, Qing ; Liu, Jianping ; Ge, Xiaowei ; Yin, Shiqi

Source title: Buildings

14. Accession number: 20242416235737

Title: Exploring optoelectronic properties of non-metal doped Be₃N₂ monolayer under mechanical strain

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

Source title: Chemical Physics Letters

15. Accession number: 20241615924899

Title: Preparation and alkali excitation mechanism of coal gangue-iron ore tailings non-sintering ceramsite

Authors: Zhong, Mingyang ; Meng, Jin ; Ning, Baokuan ; Na, Fangxi ; Cui, Taotao ; Shi, Xinxin ; Cui, Tong

Source title: Construction and Building Materials

16. Accession number: 20241715968795

Title: Elucidating the reaction of seashell powder within fly ash cement: A focus on hydration products

Authors: Gu, Xiaowei ; Yang, Bohan ; Li, Zhijun ; Liu, Bonan ; Liu, Jianping ; Wang, Qing ; Nehdif, Moncef L.

- Source title:** Construction and Building Materials
- 17. Accession number:** 20241916052178
Title: Adsorption behavior of gas molecules on B and Mo co-doped graphitic carbon nitride: A first-principles study
Authors: He, Jianlin ; Liu, Guili ; Zhang, Chunwei ; Zhang, Guoying
Source title: Diamond and Related Materials
- 18. Accession number:** 20242216188481
Title: Impact failure and disaster processes associated with rockfalls based on three-dimensional discontinuous deformation analysis
Authors: Liu, Guoyang ; Zhong, Zhirui ; Ye, Tangjin ; Meng, Jin ; Zhao, Shengze ; Liu, Junjie ; Luo, Shouyi
Source title: Earth Surface Processes and Landforms
- 19. Accession number:** 20241615917584
Title: Electrochemical Hydrogen Storage Materials: State-of-the-Art and Future Perspectives
Authors: Xu, Xuelu ; Dong, Yue ; Hu, Qingwen ; Si, Nan ; Zhang, Chunwei
Source title: Energy and Fuels
- 20. Accession number:** 20241916055021
Title: Numerical simulation of wedge failure of rock slopes using three-dimensional discontinuous deformation analysis
Authors: Liu, Guoyang ; Meng, Haiyi ; Song, Gangyong ; Bo, Wu ; Zhao, Penghui ; Ning, Baokuan ; Xu, Xuelu
Source title: Environmental Earth Sciences
- 21. Accession number:** 20242116134069
Title: The effects of iron tailings on steel slag-based cementitious systems: Strength, hydration products, and volume stability
Authors: Wang, Hongyu ; Gu, Xiaowei ; Xu, Xiaochaun ; Liu, Jianping ; Zhu, Zhenguo ; Wang, Shenyu
Source title: Journal of Building Engineering
- 22. Accession number:** 20242116121395
Title: Optimizing the pore structure and permeability of calcined clay limestone cement through shell powder
Authors: Gu, Xiaowei ; Liu, Bonan ; Li, Zhijun ; Wang, Hao ; Liu, Jianping ; Nehdi, Moncef L. ; Zhang, Yannian
Source title: Journal of Building Engineering
- 23. Accession number:** 20241615944469
Title: Investigation of synergistic effects of lithium slag and granulated blast furnace slag from the perspectives of physics and hydration
Authors: Zhu, Zhenguo ; Gu, Xiaowei ; Wang, Shenyu ; Xu, Xiaochuan ; Wang, Hongyu ; Liu, Jianping ; Zhan, Kai
Source title: Journal of Building Engineering
- 24. Accession number:** 20241816019878
Title: The Enormous and Distinctive Role of Four-Phonon Scattering in the Thermal Transport Characteristic of Pentagonal Structures

Authors: Tian, Peng ; Gao, Yufei ; Yang, Zhonghua ; Zhang, Xiaoliang ; Liu, Yizhi ; Tang, Dawei

Source title: Journal of Physical Chemistry C

25. Accession number: 20242416256295

Title: Novel PEO-based Solid Polymer Electrolyte with High Elasticity and High Ionic Conductivity for Room Temperature Lithium Metal Batteries

Authors: Chen, Shuang ; Zhang, Yu-Hang ; Hu, Xue-Tong ; Wang, Guan-Hua ; Lu, Kun-Rong ; Jiang, Xin ; Fan, Yi-Wei ; Chen, Ting-Ting ; Wang, Peng-Fei ; Wu, Yuhan ; Shi, Fa-Nian

Source title: Journal of the Electrochemical Society

26. Accession number: 20242316214141

Title: Optoelectronic Property Exploration in SnS₂ Monolayer and Homojunctions with Non-metallic Element (B, C, N) Doping: A First-Principles Investigation

Authors: Tang, Xinying ; Yang, Lu ; Bao, Jinlin

Source title: Russian Journal of Physical Chemistry A

27. Accession number: 20242116111714

Title: O, P, Se, and Cl-doped monolayer MoS₂: A new chapter in Co adsorption properties - An exploration based on first principles

Authors: Wei, Ran ; Liu, Guili ; Su, Dan ; Zhang, Guoying

Source title: Solid State Communications

28. Accession number: 20241615940084

Title: Seismic behavior of steel and sisal fiber reinforced beam-column joint under cyclic loading

Authors: Kavitha, S.M. ; Venkatesan, G. ; Avudaiappan, Siva ; Zhang, Chunwei

Source title: Structural Engineering and Mechanics

29. Accession number: 20241916030852

Title: Electronic and optical properties of doped monolayer MoS₂ under shear deformation

Authors: Gao, Xuewen ; Wang, Ying ; Su, Qing ; Yang, Nan ; Liu, Guili ; Zhang, Guoying

Source title: Surface Science

30. Accession number: 20242316213608

Title: Electronic and magnetic properties of Mn-doped and Mn-X (F, Cl, Br, I) co-doped modulated monolayer SnSe₂

Authors: Ma, Mengting ; Liu, Guili ; Zhang, Guoying

Source title: Surface Science

31. Accession number: 20241916069756

Title: Finite-time resilient control for uncertain periodic piecewise polynomial time-varying systems

Authors: Thilagamani, Velusamy ; Sakthivel, Rathinasamy ; Satheesh, Thangavel ; Mohammadzadeh, Ardashir ; Sasirekha, Rathinasamy

Source title: Transactions of the Institute of Measurement and Control

- 32. Accession number:** 20242116124926
Title: SENSITIVITY FACTOR ANALYSIS ON INITIAL DAMAGE OF WIND TURBINE BLADE SPAR BASED ON GSA
Authors: Sun, Ning ; Zhou, Bo ; Zheng, Haocheng ; Li, Hui
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 33. Accession number:** 20242016088304
Title: Loose bonding induced ultralow lattice thermal conductivity of a metallic crystal KNaRb
Authors: Yang, Zhonghua ; Gu, Wen ; Lan, Xinying ; Zhou, Bo ; Yu, Guanbo ; Bao, Xinyuan ; Xu, Xinyi
- 34. Source title:** Physics Letters, Section A: General, Atomic and Solid State Physics
Accession number: 20241916052949
Title: Experimental investigation on effects of ultrasonic process parameters on the degree of impregnation of BF/PP composites
Authors: Liu, Yuanyuan ; Yang, Yifei ; He, Yadong ; Xin, Chunling ; Ren, Feng ; Yu, Yang
Source title: Materials Research Express
- 35. Accession number:** 20241916034197
Title: Exploring optoelectronic and thermal properties of HfS₂/ZrS₂ heterojunction under mechanical strain, atomic doping and external electric field
Authors: Liu, Huaidong ; Yang, Lu ; Wei, Xingbin ; Sun, Shihang ; Zhao, Yanshen
Source title: Materials Today Communications
- 36. Accession number:** 20241715958074
Title: Exploring electronic features in monolayer and bilayer MX₂ (M = Hf, Zr; X = S, Se) structures under shear strain
Authors: Bao, Jinlin ; Liu, Guili ; Yang, Lu ; Li, Feng ; Yang, Zhonghua ; Zhang, Guoying
Source title: Materials Today Communications
- 37. Accession number:** 20242316201560
Title: Stabilization of delayed semi-Markov jump neural networks with actuator faults: A quantized hybrid control approach
Authors: Aravinth, N. ; Sakthivel, R. ; devi, N. Birundha ; Mohammadzadeh, Ardashir ; Saat, S.
Source title: Nonlinear Analysis: Hybrid Systems
- 38. Accession number:** 20241916057117
Title: Optimizing entropy in mixed convective MHD dissipative nanofluid with cross-diffusion and nonlinear velocity slip
Authors: Qaiser, Dania ; Khan, Naseer M.
Source title: Numerical Heat Transfer; Part A: Applications
- 39. Accession number:** 20242416241340
Title: Evolution of heat transfer in MHD nanofluid flow over a porous plate: Insights into the influences of slip and variable viscosity
Authors: Khan, Naseer M. ; Qaiser, Dania ; Pan, Kejia
Source title: Numerical Heat Transfer; Part A: Applications
- 40. Accession number:** 20242016076233
Title: First-principles calculations of Pb²⁺ adsorption by halogen-doped SnS₂

Authors: Ma, Mengting ; Liu, Guili ; Yang, Zhonghua ; Zhang, Guoying

Source title: Physica B: Condensed Matter

41. Accession number: 20242116106184

Title: Effect of doped heteroatom on monolayer SnSe₂ adsorption of Na

Authors: Ma, Mengting ; Liu, Guili ; Zhang, Guoying

Source title: Physica Scripta

42. Accession number: 20242316216420

Title: Effect of biaxial tensile-compressive deformation on the optoelectronic properties of monolayers of MoTe₂ with adsorbed alkali metals X (X = Li, Na, K, Rb, Cs): a first principles

Authors: Dai, Ying ; Liu, Guili ; He, Jianlin ; Yang, Zhonghua ; Zhang, Guoying

Source title: Physica Scripta

43. Accession number: 20241215784591

Title: Solving the Two-Crane Scheduling Problem in the Pre-Steelmaking Process

Authors: Xie, Xie ; Zheng, Yongyue ; Mu, Tianwei ; Wan, Fucai ; Dong, Hai

Source title: Processes

(八) 软件学院 (4 篇)

1. Accession number: 20241916066914

Title: Real-time detection of surface cracking defects for large-sized stamped parts

Authors: Dong, Xingjun ; Zhang, Changsheng ; Wang, Junhao ; Chen, Yao ; Wang, Dawei

Source title: Computers in Industry

2. Accession number: 20242316207463

Title: Integration of UML Class Diagrams Based on Semantics and Structure

Authors: Yuan, Zhongchen ; Hu, Xingda ; Zhang, Gang ; Ma, Zongmin

Source title: International Journal of Software Engineering and Knowledge Engineering

3. Accession number: 20241816001967

Title: A High-Quality Sample Generation Method for Improving Steel Surface Defect Inspection

Authors: He, Yu ; Li, Shuai ; Wen, Xin ; Xu, Jing

Source title: Sensors

4. Accession number: 20242316205128

Title: A comprehensive review of deep learning approaches for group activity analysis

Authors: Zhang, Gang ; Geng, Yang ; Gong, Zhao G.

Source title: Visual Computer

(九) 人工智能学院 (10 篇)

1. **Accession number:** 20241515880401
Title: ScorePillar: A Real-Time Small Object Detection Method Based On Pillar Scoring Of Lidar Measurement
Authors: Cao, Zonghan; Wang, Ting; Sun, Ping; Cao, Fengkui; Shao, Shiliang; Wang, Shaocong
Source title: IEEE Transactions on Instrumentation and Measurement
2. **Accession number:** 20241515887962
Title: Finite-time bumpless transfer control problem for switched LPV systems with guaranteed switching frequency
Authors: Du, Yuxuan; Xie, Jing; Yang, Dong; Zhang, Zhihui
Source title: International Journal of Control
3. **Accession number:** 20241615932034
Title: All-Fiber Acoustic Sensor Based on Anti-Resonant Reflective Optical Waveguide
Authors: Rao, Nai ; Jing, Zhenguo ; Zhang, Sen ; Liu, Yueying ; Cheung, Yang ; Peng, Wei
Source title: IEEE Sensors Journal
4. **Accession number:** 20241715954600
Title: Bumpless Transfer Hybrid Non-Fragile Finite-Time Control for Markovian Jump Systems and Its Application
Authors: Yang, Dong ; Feng, Qingchuan ; Xie, Jing ; Liu, Tao
Source title: IEEE Transactions on Automation Science and Engineering
5. **Accession number:** 20242116124311
Title: State-Space Modeling and Feedback Control for Real-Time Automatic Train Timetable Rescheduling of Intercity HSRs
Authors: Kang, Jiajun ; Cui, Dongliang ; Dai, Xuewu ; Zhao, Hui ; Hu, Yuxiang ; Chai, Tianyou
Source title: IEEE Transactions on Intelligent Transportation Systems
6. **Accession number:** 20242016082201
Title: Double Broad Q-Network for Overtaking Control of Autonomous Driving
Authors: Peng, Xiting ; Bu, Xinyu ; Zhang, Xiaoyu ; Dong, Mianxiong ; Ota, Kaoru
Source title: IEEE Transactions on Vehicular Technology
7. **Accession number:** 20242316205839
Title: A three-loop physical parameter identification method of robot manipulators considering physical feasibility and nonlinear friction model
Authors: Song, Tangzhong ; Fang, Lijin ; Liu, Guanghui ; Pang, Hanyu
Source title: Nonlinear Dynamics
8. **Accession number:** 20241215778368
Title: Eccentricity Analysis of the Co-Excitation Axial Reluctance Resolver during Manufacture and Installation
Authors: Wang, Hao ; Wang, Jundi ; Zhang, Zongsheng ; Li, Changchao
Source title: Processes
9. **Accession number:** 20241615921725

Title: A Fast and Accurate Lane Detection Method Based on Row Anchor and Transformer Structure

Authors: Chai, Yuxuan ; Wang, Shixian ; Zhang, Zhijia

Source title: Sensors

10. Accession number: 20242416254913

Title: Short-term wind power prediction based on improved sparrow search algorithm optimized long short-term memory with peephole connections

Authors: Tang, Fei

Source title: Wind Engineering

(十) 环境与化学工程学院 (20 篇)

1. **Accession number:** 20241415844228
Title: Garbage Classification Algorithm Based on Improved MobileNetV3
Authors: Tian, Xueyong; Shi, Liwei; Luo, Yuanqing; Zhang, Xinlong
Source title: IEEE Access
2. **Accession number:** 20241415837287
Title: Inhibit effect of Pr, Ce, La or Yb doping on microwave-assisted pyrolysis of waste plastics for by-production oil over Co-Fe catalysts
Authors: Zhang, Bin; Li, Ya'nan; Lu, Shuai; Ishengoma, Jonathan Richard; Wang, Song; Liu, Jie; Tang, Tao; Li, Sanxi
Source title: Journal of Analytical and Applied Pyrolysis
3. **Accession number:** 20241515872920
Title: A three-dimensional zincophilic layer for dendrite-free zinc metal anodes
Authors: Gong, Zhe; Jiang, Qiushi; Yu, Han; Ma, Yuanyuan; Wang, Pengfei; Sun, Na; Zhou, Mingdong; Sun, Yaguang
Source title: Journal of Energy Storage
4. **Accession number:** 20241515872682
Title: MXene-loaded sea urchin-like CoP as anode materials for high-performance lithium-ion batteries
Authors: Gong, Zhe; Jiang, Qiushi; Bai, Wende; Wang, Pengfei; Gao, Musen; Cao, Dianxue; Zhou, Mingdong; Sun, Yaguang; Zhu, Kai
Source title: Journal of Energy Storage
5. **Accession number:** 20241515866836
Title: N, P co-doped carbon quantum dot and ammonium polyphosphate as the synergistic flame retardant for epoxy resin
Authors: Wang, Song; Zhou, Yue; Wu, Weidong; Hong, Jiayi; Li, Sanxi; Zhang, Ailing
Source title: Journal of Vinyl and Additive Technology
6. **Accession number:** 20241515872933
Title: Magnetic behaviour of a mixed-spin ising model on a two-dimensional square-octagon lattice in a dynamic magnetic field
Authors: Wang, Xue-Jiao; Jiang, Wei
Source title: Physica Scripta
7. **Accession number:** 20241715956966
Title: Anaerobic Digestion Enhancement of Brewery Sludge Assisted by Exogenous Hydrogen
Authors: Liu, Shiyue ; Ma, Xingdi ; Yao, Sue ; Zhu, Xingyun ; Ma, Yongguang ; Chen, Zhiqiang ; Liang, Jiyan
Source title: Bioenergy Research
8. **Accession number:** 20242416229881
Title: Preparation of white rot fungal inoculum and its application to bioremediation of chlorimuron-ethyl-contaminated soil
Authors: Shi, Xiangyu ; Wang, Xin ; Ge, Ling ; Liu, Wenrui ; Yao, Mengqin ; Bao, Jia
Source title: Biotechnology Letters

- 9. Accession number:** 20241615933990
Title: Influence of molecular weight of polyvinylidene fluoride on the flow behavior of slurry and electrochemical properties of coated electrode
Authors: Gao, Yingjun ; Ming, Hao ; Ye, Yumeng ; Yu, Lei ; Duan, Dongsheng ; Chen, Shengnan ; Ji, Wenjing ; Guan, Yinyan ; Liang, Jiyan
Source title: Desalination
- 10. Accession number:** 20241816017729
Title: Design of a multi-electrode dielectric barrier discharge reactor and experimental study on the degradation of atrazine in water
Authors: Shen, Xinjun ; Yang, Yuncui ; Zhang, Jing ; He, Fan
Source title: Environmental Science and Pollution Research
- 11. Accession number:** 20242116113955
Title: Improved desalination performance of flow-electrode capacitive deionisation by a novel drop-shape channel
Authors: Guan, Yinyan ; Liu, Mingxi ; Liu, Yutong ; Yue, Jinyu ; Liu, Shiyue ; Gao, Weichun ; Liang, Jiyan
Source title: Environmental Technology (United Kingdom)
- 12. Accession number:** 20241715962797
Title: Synergistic Flame-retardant Epoxy Resin Using Quaternary Phosphate Naphthalene Sulfonate Ionic Liquid and Dimethyl Methylphosphonate
Authors: Zhang, Lu ; Liu, Jie ; Lou, Shenghui ; Jiang, Hui ; Wang, Song ; Li, Sanxi ; Tang, Tao ; Zhang, Ailing
Source title: Gaodeng Xuexiao Huaxue Xuebao/Chemical Journal of Chinese Universities
- 13. Accession number:** 20242216178380
Title: Co-Ln (Ln = Ce ~ Yb) bimetal complexes: Syntheses, structures and their applications as supercapacitor anode materials
Authors: Wei, Xiao ; Xing, Jin-juan ; Wang, Ya-nan ; Wu, Ya-qi ; Qian, Jian-hua ; Shi, Fa-nian
Source title: Inorganica Chimica Acta
- 14. Accession number:** 20242216179204
Title: Hydrogen storage properties of MgH₂ + Mg₂NiH₄ - Co/C ternary nanocomposite
Authors: Jiang, Yi-Bin ; Jiang, Wei ; Si, Nan ; Wang, Zan
Source title: International Journal of Hydrogen Energy
- 15. Accession number:** 20242216154826
Title: Modulation of zinc deposition behaviour by electrostatically spun PAN-ZnTFSI fibre layer on separator for aqueous zinc ion batteries
Authors: Li, Rui-han ; Sui, Bin-bin ; Wang, Peng-fei ; Gong, Zhe ; Wu, Yu-han ; Zhang, Yu-hang ; Zhao, Li-na ; Tang, Jun-jie ; Shi, Fa-nian
Source title: Journal of Alloys and Compounds
- 16. Accession number:** 20242016089576
Title: Polyoxometalate solution passivation enabling dendrite-free and high-performance zinc anodes in aqueous zinc-ion batteries
Authors: Sui, Bin-bin ; Sha, Lin ; Bao, Qing-peng ; Wang, Peng-fei ; Gong, Zhe ; Zhou, Ming-dong ; Shi, Fa-nian ; Zhu, Kai

Source title: Journal of Colloid and Interface Science

17. Accession number: 20242116130708

Title: The inhibition of suitable trace electrolyte on hydrogen evolution of zinc anode and the improvement of zinc battery performance

Authors: Ma, Yuanyuan ; Sui, Binbin ; Sha, Lin ; Yang, Chenyi ; Gong, Zhe ; Sun, Na ; Wang, Pengfei ; Zhou, Mingdong ; Sun, Yaguang

Source title: Journal of Energy Storage

18. Accession number: 20241816015341

Title: Micro-cracking on the surface of zinc metal improves the cycle performance of aqueous zinc ion batteries

Authors: Sha, Lin ; Sui, Bin-Bin ; Wang, Peng-Fei ; Gong, Zhe ; Zhang, Yu-Hang ; Wu, Yu-Han ; Zhao, Li-Na ; Tang, Jun-Jie ; Shi, Fa-Nian

Source title: Journal of Energy Storage

19. Accession number: 20242316218215

Title: In situ construction of hydrogel coatings on zinc foil surfaces to improve the stability of aqueous zinc-ion batteries

Authors: Liu, Huan ; Sui, Bin-Bin ; Wang, Peng-Fei ; Gong, Zhe ; Zhang, Yu-Hang ; Wu, Yu-Han ; Tang, Jun-Jie ; Shi, Fa-Nian

Source title: Solid State Ionics

20. Accession number: 20241916037361

Title: Preparation and Characterization of Magnetic Walnut Shell Adsorbents

Authors: Li, Yanping ; Yu, Qingxue ; Chang, Yujie ; Shi, Yongfa

Source title: Water, Air, and Soil Pollution

(十一) 石油化工学院 (7 篇)

1. **Accession number:** 20241515872471
Title: Cold crystallization of polytrimethylene terephthalate and copolymers
Authors: Zhang, Jun; Li, Jingqing; Zhai, Guifa; Chen, Yanming; Christiansen, Jesper de Claville; Yu, Donghong; Jiang, Shichun
Source title: Polymer
2. **Accession number:** 20241515904918
Title: Synergistic improvement in gas separation performance of MMMs by porogenic action and strong molecular forces of ZIF-93
Authors: Ding, Yaping; Dai, Yan; Wang, Huahao; Yang, Xiaochen; Yu, Miao; Zheng, Wenji; Ruan, Xuehua; Xi, Yuan; Liang, Hai; Liu, Hongjing; He, Gaohong
Source title: Separation and Purification Technology
3. **Accession number:** 20241816017733
Title: Optimization of Ti-PA efficiently catalytic the alcoholysis of waste PET using response surface methodology
Authors: Wen, Ruiyang ; Shen, Guoliang ; Yu, Yang ; Zhu, Jing ; Xu, Shijie ; Wei, Jie ; Huo, Yue
Source title: Environmental Science and Pollution Research
4. **Accession number:** 20242416231751
Title: Preparation of Acidic Ionic Liquids and Their Catalytic Performance in Synthesis of Biobased Poly (ethylene 2,5-furandicarboxylate)
Authors: Zhou, Qiao ; Zhao, Yuanyuan ; Guo, Liying ; Shi, Yafei ; Zheng, Rongrong
Source title: Gaodeng Xuexiao Huaxue Xuebao/Chemical Journal of Chinese Universities
5. **Accession number:** 20242316193774
Title: Optimized wet-chemical synthesis of ultra-small CuO nanoparticles with high antibacterial activity
Authors: Wang, Xin-Yu ; Chen, Yan-Ming ; Nie, Xiao-Bo ; Zhang, Li-Li
Source title: Journal of Nanoparticle Research
6. **Accession number:** 20242316207296
Title: Study on non-isothermal crystallization kinetics of Poly (butylene terephthalate)/Poly (ethylene terephthalate-co-1,4-cyclohexylenedimethylene terephthalate) blends
Authors: Zhang, Wenshuai ; Chen, Yanming ; Wang, Liyan
Source title: Polymer Engineering and Science
7. **Accession number:** 20241615920757
Title: Preparation and Properties of Low-Dielectric Polyimide Films Containing Tert-Butyl
Authors: Li, Xin ; Zheng, Rongrong ; Wang, Cheng ; Chang, Haiyang ; Chen, Shuwu ; Wang, Liyan ; Cui, Xue ; Liu, Yutao ; Li, Junhao ; Yu, Guangning ; Shi, Ji
Source title: Polymers

(十二) 其他: 未注明学院 (4 篇)

1. **Accession number:** 20241515889746
Title: A symmetric spiral arc with variable diameter path generation method for achieving uniform surface roughening processing
Authors: Lu, Han; Liu, Shunze; Wang, Hongyu; Xu, Zhigang; Zhang, Jiawei; Bai, Xinlin
Source title: Journal of Manufacturing Processes
2. **Accession number:** 20241515900915
Title: Influence of magnetic head structure and parameters on the axial magnetic field hybrid TIG welding
Authors: Wu, H.; Chang, Y.L.; Chang, C.H.
Source title: Welding in the World
3. **Accession number:** 20241815993578
Title: Impact of magnet shape and material on the magnet stress
Authors: Cao, Li ; Hu, Yan ; Wang, Bohan ; Wu, Wenkun ; Shi, Daolong ; Zhuo, Liang
Source title: IET Electric Power Applications
4. **Accession number:** 20242416237529
Title: Interfacial structures and properties of sulfide-Fe matrix in steel: A first principles study
Authors: Yuan, Xinghu ; Wang, Guocheng ; Zang, Ximin ; Xiao, Yuanyou ; Zhang, Daxian ; He, Jianzhong
Source title: Materials and Design

二、2024 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 (1 篇)

1. **Accession number:** 20241815998355

Title: Application of adaptive surrogate model in heat treatment production line of aviation manufacturing enterprise

Authors: Jiao, Qingyang; Wang, Yuning; Qu, Feng; Yin, Haijun; Yin, Mingang

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

(二) 电气工程学院 (28 篇)

1. **Accession number:** 20242216173465
Title: Dynamic Scene SLAM Algorithm Based on Target Detection and K-Means Clustering
Authors: Wang, Rui; Sun, Ping
Source title : 2023 3rd International Conference on Computer Science, Electronic Information Engineering and Intelligent Control Technology, CEI 2023
2. **Accession number:** 20242216173554
Title: Research on Islanding Mechanism and Anti-Islanding Method of Doubly-Fed Wind Turbines
Authors: Zhao, Deren; Yu, Changle; Zhang, Su; Li, Wenwen; Wan, Jia; Li, Pengtao
Source title : 2023 3rd International Conference on Computer Science, Electronic Information Engineering and Intelligent Control Technology, CEI 2023
3. **Accession number:** 20242216173559
Title: Design of Intelligent DC Energy Measuring Device
Authors: Wan, Jia; Zhang, Qi; Yang, Minghao; Zheng, Wanyi; Gao, Siyuan; Ma, Yanxi
Source title : 2023 3rd International Conference on Computer Science, Electronic Information Engineering and Intelligent Control Technology, CEI 2023
4. **Accession number:** 20241415845339
Title: Research on Defect Recognition Method of Glass Screen Based on Machine Vision
Authors: Ruan, Feng; Dai, Jinli; Bai, Dianchun; Li, Delong; Liu, Tie; Lin, Zhongpeng; Liu, Zhuo; Li, Ruiji
Source title : 2023 3rd International Conference on Electronic Information Engineering and Computer Communication, EIECC 2023
5. **Accession number:** 20241615944048
Title: A Study of Heterogeneous Load Polymerisation Methods
Authors: Yuan, Peng; Zhao, Qingsong; Zhang, Xiaoheng; Ma, Xintong; Cheng, Jifeng; Ren, Kang; Ma, Run
Source title : 2023 4th International Conference on Smart Grid and Energy Engineering, SGEE 2023
6. **Accession number:** 20241916055444
Title: A Head Posture-based Interactive Method of Auxiliary Mobile Robot for Direction Recognition and Obstacle Avoidance
Authors: Zhang, Bosi; Hu, Shiyan; Wang, Qianlong
Source title : 2023 5th International Academic Exchange Conference on Science and Technology Innovation, IAECST 2023
7. **Accession number:** 20241615943532
Title: Aspect-level sentiment analysis incorporating multidimensional feature
Authors: Zhong, Ling; Han, Xinyi; Li, Zehao; Wang, Chenyang; Chen, Baixu
Source title : 2023 5th International Conference on Machine Learning, Big Data and Business Intelligence, MLBDBI 2023
8. **Accession number:** 20242216170382
Title: Overvoltage and Insulation Coordination of $\pm 500\text{kV}$ Offshore Wind Power Flexible DC Transmission System

Authors: Wang, Nan; Zhang, Lixin; Yao, Yongqi; Wang, Zhijun; Zheng, Quan; Yu, Miaoyuan

Source title: 2023 IEEE 7th Conference on Energy Internet and Energy System Integration, EI2 2023

9. Accession number: 20242516268200

Title: Based on Vector Control and Design of Dual-motor Control System for Electric Wheelchair

Authors: Honghao, Li; Dianchun, Bai; Jiajin, Li; Jinli, Dai

Source title: 2024 IEEE 2nd International Conference on Control, Electronics and Computer Technology, ICCECT 2024

10. Accession number: 20241215764107

Title: A Home-Style Intelligent Monitoring Sanitize Robot

Authors: Liu, B.; Yang, J.; Ding, J.; Zhao, D.; Wang, J.

Source title: IFMBE Proceedings

11. Accession number: 20242316198181

Title: Research for transformer operation state prediction method based on BO-CNN-GRU

Authors: Zhou, Mingjie; Xu, Jing; Xing, Chaojian; Li, Yankai; Liu, Shuxin

Source title: Journal of Physics: Conference Series

12. Accession number: 20242116123281

Title: Flexible Load Optimization Operation Method for Integrated Energy Systems in Parks Considering Demand Response

Authors: Yang, Lin; Zhao, Deren; Yu, Changle; Li, Wenwen; Zhang, Su; Kong, Deping

Source title: Journal of Physics: Conference Series

13. Accession number: 20241515851690

Title: Research on Black Start Control technology of Energy Storage Power Station Based on VSG All Vanadium Flow Battery

Authors: Xie, Bing; Xu, Baofeng; Liu, Zhili; Sun, Guangyu; Yang, Bin; Wang, Xiaodong

Source title: Journal of Physics: Conference Series

14. Accession number: 20241615936629

Title: Simulation Analysis of Electromagnetic Field of Oil-Immersed Power Transformer

Authors: Yu, Qunying; He, Qiuyue; Yang, Daiyong; Zhao, Chunming; Guo, Jiachang; Cao, Chen; Wang, Xue

Source title: Lecture Notes in Electrical Engineering

15. Accession number: 20241615936316

Title: Investigation on the real-time blood pressure monitoring method based on Kalman filtering

Authors: Lipeng, Zhang; Shihai, Xiang; Wei, Zhang

Source title: Proceedings - 2023 2nd International Conference on Machine Learning, Control, and Robotics, MLCR 2023

16. Accession number: 20241615936338

Title: Investigation on the six-axis robotic arm with tactile sensing for throat swab sampling

Authors: Qin, Chengcheng; Xiang, Shihai; Cheng, Xinlong

Source title: Proceedings - 2023 2nd International Conference on Machine Learning, Control, and Robotics, MLCR 2023

- 17. Accession number:** 20242516277217
Title: Reliability evaluation of microgrid information physical system based on stochastic matrix theory
Authors: Qiu, Shi; Chen, Zhe; Song, YuYang; Yang, Guangyong
Source title: Proceedings of SPIE - The International Society for Optical Engineering
- 18. Accession number:** 20242516277218
Title: Optimization scheduling strategy of microgrid system based on multi-agent system
Authors: Qiu, Shi; Chen, Zhe; Yang, Guangyong; Song, YuYang
Source title: Proceedings of SPIE - The International Society for Optical Engineering
- 19. Accession number:** 20242216168720
Title: Research on Reliability of Motor Controller for Electric Aircraft
Authors: Zhou, Dongyan; Cai, Zhiyuan
Source title: Proceedings of SPIE - The International Society for Optical Engineering
- 20. Accession number:** 20242516277212
Title: Life prediction of railway relays based on XGboost-informer model
Authors: Nie, Jingjie; Xu, Jing; Xing, Chaojian; Liu, Shuxin; Liu, Yang
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Authors: Zhang, Ximings; Cui, Jia; Shi, Guijun; Peng, Jinnan; Ma, Jinshi; Wei, Junzhu; Hu, Zhen
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Authors: Shi, Guijun; Peng, Jinnan; Cui, Jia; Jin, Yu; Ma, Jinshi; Wei, Junzhu; Zhang, Xinming
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- 23. Accession number:** 20242516276962
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Authors: Yang, Chenhao; Zhao, Donghui; Yang, Junyou; Wang, Qianlong; Wang, Ruoqian
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Authors: Zhu, Tianyi; Wang, Shunjiang; Cui, Jia; Wang, Tong; Wang, Wenzhi; Han, Ni; Li, Chaoran
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Authors: Wang, Shunjiang; Zhu, Tianyi; Cui, Jia; Chu, Tianfeng; Han, Ni; Li, Chaoran; Xu, Jiachen

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Authors: Lv, Li; Yan, Shun; Yang, Chao; Cui, Jia; Li, Xiwang; Cai, Ming; Tian, Aixin

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1. **Accession number:** 20241815990669
Title: Performance simulation of a dual-channel micro-mixer
Authors: Zhang, He; Chen, Bingjun; Yang, Shuang; Chuai, Rongyan
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2. **Accession number:** 20242116109268
Title: Research on Terminal Guidance Control of Quadrotor UAV Based on Strapdown Seeker
Authors: Dong, Xining; Xu, Baoshu; Zhang, Chengshuo; Gao, Boyu
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3. **Accession number:** 20242016086460
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Authors: Du, Siying; Wang, Qiming; Jia, Danping
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Title: Segmentation of Multi-Center Cardiac Magnetic Resonance Images Based on Improved DeepLabV3+
Authors: Hou, Jinyang; Shao, Hong; Cui, Wencheng
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Authors: Gao, Boyu; Xu, Baoshu; Zhang, Chengshuo
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(四) 软件学院 (6 篇)

1. **Accession number:** 20241916055249
Title: A fuzzing test sample generation method based on GRU-A
Authors: Yang, Liu; Li, Haitao; Zhang, Shengnan
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2. **Accession number:** 20241615943744
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Authors: Yang, Guang; Yang, Deguo; Li, Jiabin; Wang, Guojun
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4. **Accession number:** 20241815994545
Title: Transmission Optimization Based on Industrial Internet Information Model
Authors: Feng, Haiwen; Tian, Hao; Wang, Ting; Zhu, Jingyang; Wang, Xintong
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Authors: Zheng, Jiawei; Niu, Lianqiang; Yuan, Ye
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(五) 人工智能学院 (3 篇)

- 1. Accession number:** 20241515852665
Title: Traffic Flow Forecasting based on Adaptive Graph Structure for Spatio-Temporal Attention Mechanism Network
Authors: Lei, Hang; Li, Mingxin; Zhao, Yuan; Wen, Shixi; Li, Chi; Zhao, Hui
Source title: Proceedings - 2023 China Automation Congress, CAC 2023
- 2. Accession number:** 20241515852609
Title: Adaptive Radial Basis Function-Based Sliding Mode Control for Platoons Under Multiple Attacks
Authors: Li, Mengchao; Zhao, Yuan; Wen, Shixi; Li, Chi; Zhao, Hui; Wang, Rongzhen
Source title: Proceedings - 2023 China Automation Congress, CAC 2023
- 3. Accession number:** 20241816016225
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Authors: Pang, Yu; Huang, Yang; Yu, Xiaosheng; Wu, Chengdong
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(六) 化工过程自动化学院 (1 篇)

- 1. Accession number:** 20241816005282
Title: Research on the efficient performance algorithm of fragmented blockchain for industrial Internet of Things applications
Authors: Yin, Yanbo; Zhao, Jianming; Wang, Tianyu; Tong, Weiyan
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(七) 其他: 未注明学院 (10 篇)

1. **Accession number:** 20242216170016
Title: Research on Optimal Configuration of Multi-source Coupled Heat Supply System Based on Phase-Change Heat Storage
Authors: Zhang, Zhongrui; Hu, Xiaoxiao; Sun, Jiazheng; Zhang, Zhi; Li, Dongyu; Yu, Hailong; Pan, Yongchao; Liu, Yang
Source title: 2023 IEEE 7th Conference on Energy Internet and Energy System Integration, EI2 2023
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3. **Accession number:** 20242416239360
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Authors: Wang, Desheng; Wang, Jing; Zheng, Hao; Hou, Yanbin
Source title: ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings
4. **Accession number:** 20242216153426
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Authors: Zhang, Ruming; Guan, Kunpeng; Wu, Chenchen
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5. **Accession number:** 20242416232326
Title: The Impact of Live Broadcast Content Inconsistency on Consumer Forgiveness Behavior
Authors: Chao, Zhao; Qi, Yuqing
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6. **Accession number:** 20241515852890
Title: An Adaptive Cooperative Strategy for Multi-Trains with Unknown Resistance Parameters and State Constraints
Authors: Cui, Hanhong; Zhao, Hui; Yang, Tianqi; Zhao, Yuan; Dai, Xuewu
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Title: Research on Buffer Overflow Vulnerability Detection Model Based on Bi-GRU and Attention Mechanism

Authors: Luo, Jiali; Yang, Deguo; Yang, Zhaoyong

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

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Authors: Yang, ZhaoYong; Wang, JiaYing; Luo, JiaLi

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

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Authors: Wang, Jiaying; Hao, Shuailing; Shan, Jing; Song, Xiaoxu

Source title: Proceedings of the AAAI Conference on Artificial Intelligence