

**2024 年第三季度**  
**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 9 月**

## 统计说明

### 1、检索时间和统计方法：

- ① 检索时间段：从 2024 年 7 月 1 日至 2024 年 9 月 30 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author Affiliation”字段；
- ④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

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

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联系电话：25496607

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## 一、2024年第三季度 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 (41 篇)

1. **Accession number:** 20243316866954  
**Title:** A Survey on Surface Defect Inspection Based on Generative Models in Manufacturing  
**Authors:** He, Yu ; Li, Shuai ; Wen, Xin ; Xu, Jing  
**Source title:** Applied Sciences (Switzerland)
2. **Accession number:** 20243316868954  
**Title:** Non-Planar Helical Path Generation Method for Laser Metal Deposition of Overhanging Thin-Walled Structures  
**Authors:** Liu, Han ; Xing, Fei  
**Source title:** Applied Sciences (Switzerland)
3. **Accession number:** 20242916730289  
**Title:** Distribution characteristics of underwater explosion damage to ships  
**Authors:** Sun, He ; Yan, Ming ; Du, Zhipeng ; Zhang, Lei  
**Source title:** Baozha Yu Chongji/Explosion and Shock Waves
4. **Accession number:** 20243016769331  
**Title:** Study on Corrosion and Fatigue Alternation of Aerospace Aluminum Alloy Welded Joints by Variable Polarity Plasma Arc Welding  
**Authors:** Gao, Chong ; Dong, Lihong ; Wang, Haidou ; Li, Bin ; Lyu, Xiaoren ; Nie, Jiapeng  
**Source title:** Cailiao Daobao/Materials Reports
5. **Accession number:** 20243116787491  
**Title:** Optimization design of supply chain network based on BP neural network performance evaluation and feedback mechanism  
**Authors:** Wu, Yao ; Liu, Weiwei  
**Source title:** Concurrency and Computation: Practice and Experience
6. **Accession number:** 20243116792634  
**Title:** Effect of monovacancy defects on anisotropic mechanical behavior of monolayer graphene: A molecular dynamics study  
**Authors:** Ma, Jinyin ; Wang, Kaiyuan ; Tang, Meiling ; He, Yan ; Gao, Xingjun ; Gao, Peng ; Sun, Jingting  
**Source title:** Diamond and Related Materials
7. **Accession number:** 20242616532566  
**Title:** Effect of rotor slotting on electromagnetic vibration of permanent magnet motor under tooth modulation  
**Authors:** Gu, Yanling ; Liu, Zhipeng ; Chen, Changzheng ; Huang, Fengchao  
**Source title:** Dianji yu Kongzhi Xuebao/Electric Machines and Control
8. **Accession number:** 20243316850405  
**Title:** Research on the Optimization of the Heating Effect of Lithium-Ion Batteries at a Low Temperature Based on an Electromagnetic Induction Heating System  
**Authors:** Wang, Borui ; Yan, Mingyin  
**Source title:** Energies
9. **Accession number:** 20242816673660  
**Title:** Melt Pool Width Extraction Method in Laser Directed Energy Deposition Based on Variable Step Size Erosion Model

**Authors:** Chai, Yuanxin ; Miao, Liguao ; Tang, Jinghu ; Li, Dianqi

**Source title:** IEEE Access

**10. Accession number:** 20242616303095

**Title:** Optimization method for human-machine interface layout of rail grinding vehicle based on visual perception domain

**Authors:** Liu, Weijun ; Liu, Xinhao ; Sun, Meng ; Wei, Zhe ; Zhao, Rizheng ; Yu, Shenhong ; Yang, Guozhe ; Jiang, Xingyu

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

**11. Accession number:** 20242516293401

**Title:** Research on Zero Power and Resisting Eccentric Load Control Method of Hybrid Magnetic Levitation System

**Authors:** Zhao, Chuan ; Sun, Feng ; Jin, Junjie ; Xu, Fangchao ; Zhang, Ming ; Oka, Koichi

**Source title:** Jixie Gongcheng Xuebao/Journal of Mechanical Engineering

**12. Accession number:** 20242516293365

**Title:** Effect of Melting and Solidification Behavior and Dendrite Morphology of DED Melt Pool on Tensile Strength

**Authors:** Song, Boxue ; Wang, Zisheng ; Chen, Keqiang ; Jiang, Xingyu ; Yu, Tianbiao ; Liu, Weijun ; Yang, Guozhe

**Source title:** Jixie Gongcheng Xuebao/Journal of Mechanical Engineering

**13. Accession number:** 20242816686215

**Title:** Development and Performance Analysis of Pneumatic Variable Stiffness Imitation Dolphin Tail Actuator

**Authors:** Zhang, Yu ; Wang, Ning ; Zhao, Wenchuan ; Peng, Linghui ; Luo, Jun

**Source title:** Journal of Bionic Engineering

**14. Accession number:** 20243216816820

**Title:** Effect of Compound Treatment of Laser Shock Peening and Nitriding on Wear Resistance of M50 Steel

**Authors:** Sun, Yufeng ; Liu, Weijun ; Yu, Xingfu ; Wei, Yinghua ; Su, Yong ; Wang, Quanzhen ; Na, Yanhui

**Source title:** Journal of Materials Engineering and Performance

**15. Accession number:** 20242616420667

**Title:** Microstructure Evolution and Surface Performance of the Rolled 5B70 Aluminum Alloy Processed via Ultrasonic Impact Treatment

**Authors:** Gao, Chong ; Dong, Lihong ; Liu, Bin ; Wang, Haidou ; Lv, Xiaoren ; Guo, Weiling ; Huang, Yanfei ; Di, Yuelan ; Zhang, Yupeng

**Source title:** Journal of Materials Engineering and Performance

**16. Accession number:** 20243216844415

**Title:** Design and mechanical performance analysis of T-BCC lattice structures

**Authors:** Wang, Zisheng ; Jiang, Xingyu ; Yang, Guozhe ; Song, Boxue ; Sha, Hongyu

**Source title:** Journal of Materials Research and Technology

- 17. Accession number:** 20243216806812  
**Title:** Parametric investigation on stepped-lap scarf repair of wind turbine blade spar cap  
**Authors:** Xin, Wen ; Zhou, Bo ; Li, Hui ; Lu, Xiao-Long ; Sun, Ning  
**Source title:** Journal of Mechanical Science and Technology
- 18. Accession number:** 20243316870663  
**Title:** Mechanical and tribological properties of fluororubber enhanced by three carbon nanomaterials at a high temperature: A molecular simulation approach  
**Authors:** Zhao, Jing ; Wang, Tianming ; Yang, Yadi ; Qu, Dianhong  
**Source title:** Journal of Polymer Research
- 19. Accession number:** 20243316879612  
**Title:** A comparative study on thermo-oxidative aging and tribological properties of perfluoroelastomer composites reinforced by different carbon nanomaterials at elevated temperatures: Molecular dynamics simulations  
**Authors:** Zhao, Jing ; Qu, Dianhong ; Yang, Yadi ; Wang, Tianming  
**Source title:** Journal of Polymer Science
- 20. Accession number:** 20243116778015  
**Title:** Modeling method and dynamic analysis of blade with double friction damping structure considering time-varying pressure distribution  
**Authors:** Zhang, Haoyan ; Tang, Jinghu ; Liu, Jie ; Li, Chaofeng ; Jia, Tichang ; Gu, Qingshan  
**Source title:** Journal of Sound and Vibration
- 21. Accession number:** 20243216811573  
**Title:** Influence of femtosecond laser textured shapes on the friction characteristics of 7075 aluminum alloy  
**Authors:** Li, Qiang ; Wu, Xuan ; Zhang, Kai ; Liu, Weijun  
**Source title:** Materials Letters
- 22. Accession number:** 20242616316638  
**Title:** Effect of laser energy density on cracking susceptibility and wear resistance of laser-clad triballoy T-800 coatings on DD5 single-crystal alloys  
**Authors:** Zhang, Guangtai ; Liu, Weijun ; Bian, Hongyou ; Wang, Huiru ; Wang, Wei ; Xu, Xiaowen ; Liu, Jinsheng  
**Source title:** Materials Today Communications
- 23. Accession number:** 20243016765800  
**Title:** The acquisition and calibration of coarse-grained force field parameters for graphene/nitrile rubber nanocomposites  
**Authors:** Yang, Bin ; Li, Yunlong ; Wang, Shijie ; Nie, Rui ; Chen, Lijia  
**Source title:** Materials Today Communications
- 24. Accession number:** 20242616510374  
**Title:** Hybrid Path Generation Method for Multi-Axis Laser Metal Deposition of Overhanging Thin-Walled Structures  
**Authors:** Liu, Han ; Xing, Fei  
**Source title:** Micromachines

- 25. Accession number:** 20243016768153  
**Title:** Tea Production Equipment Automation and Intelligent Technology Research Progress and Prospects  
**Authors:** Gao, Yicong ; Xu, Chen ; Lin, Qiong ; Wang, Shuhua ; Wei, Zhe  
**Source title:** Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery
- 26. Accession number:** 20243116797905  
**Title:** Dynamic stability of thin rectangular plates subjected to excitations provided by three vibrators  
**Authors:** Kong, Xiangxi ; Zeng, Fanxing ; Kong, Fei ; Wu, Tong  
**Source title:** Nonlinear Dynamics
- 27. Accession number:** 20242716646519  
**Title:** Delamination failure analysis of wind turbine blades based on equivalent fatigue load  
**Authors:** Li, Hui ; Xin, Wen ; Xu, Bofeng ; Bao, Hongbing  
**Source title:** Ocean Engineering
- 28. Accession number:** 20243817048229  
**Title:** Study on Noise-Reduction Mechanism and Structural-Parameter Optimization of Ventilated Acoustic Metamaterial Labyrinth Plate  
**Authors:** Zhang, Dacheng ; Tang, Wanru ; Sun, Yumeng ; Chen, Changzheng ; Su, Xiaoming ; Sun, Xianming  
**Source title:** Applied Sciences (Switzerland)
- 29. Accession number:** 20243516956043  
**Title:** Pore Feature and Cracking Behavior of Cold-sprayed Al-based Composite Coatings under Reciprocating Friction  
**Authors:** Wang, Jinlong ; Wang, Huiming ; Li, Yingju ; Zhang, Hongyi ; Lv, Xiaoren  
**Source title:** Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
- 30. Accession number:** 20242616382693  
**Title:** Remanufacturing oriented multilayer cladding morphology prediction using a new second order fitting method  
**Authors:** Wang, Zisheng ; Jiang, Xingyu ; Yang, Guozhe ; Liu, Weijun ; Song, Boxue  
**Source title:** Environmental Science and Pollution Research
- 31. Accession number:** 20242616414636  
**Title:** A novel method for residual life assessment of used parts: a case study of used lathe spindles  
**Authors:** Liu, Dan ; Liu, Weijun ; Xu, Sidi ; Jiang, Xingyu ; Li, Shilei ; Wang, Zisheng  
**Source title:** Environmental Science and Pollution Research
- 32. Accession number:** 20243416925575  
**Title:** Carbon emission warning method for machine tool manufacturing process based on dynamic adaptive EWMA control chart  
**Authors:** Song, Zhenan ; Liu, Dan ; Sha, Hongyu ; Jiang, Xingyu ; Tian, Zhiqiang ; Yang, Guozhe  
**Source title:** Environmental Science and Pollution Research



- 33. Accession number:** 20242816662881  
**Title:** The promotion and application of green remanufacturing: a case study in a machine tool plant  
**Authors:** Song, Boxue ; Jiang, Xingyu ; Wang, Song ; Liu, Qing ; Yu, Tianbiao  
**Source title:** Environmental Science and Pollution Research
- 34. Accession number:** 20243817044474  
**Title:** An anti-noise bearing's fault diagnosis method using adaptive deconvolution and Mobile ViT  
**Authors:** Liu, Jie ; Tan, Yutao ; Yang, Na ; Gao, Yu ; Zhao, Wei-Qiang  
**Source title:** IEEE Sensors Journal
- 35. Accession number:** 20243416922495  
**Title:** Multivariable adaptive decoupling control based on stochastic configuration networks with serial-parallel switching distribution  
**Authors:** Qiao, Jinghui ; Xiong, Ningkan ; Qiao, Jiayu  
**Source title:** Information Sciences
- 36. Accession number:** 20243617005372  
**Title:** Tool axis vector optimization based on automatic smoothing rotary angles of five-axis machining for laser additive manufacturing  
**Authors:** Liu, Han ; Xing, Fei  
**Source title:** International Journal of Advanced Manufacturing Technology
- 37. Accession number:** 20243616975400  
**Title:** Prediction of Abrasive Belt Wear Height for Screw Rotor Belt Grinding Based on BP Neural Network with Improved Skyhawk Algorithm  
**Authors:** Pan, Fei ; Sun, Xingwei ; Yang, Heran ; Liu, Yin ; Chen, Sirui ; Zhao, Hongxun  
**Source title:** International Journal of Precision Engineering and Manufacturing
- 38. Accession number:** 20243817073824  
**Title:** Nanoarchitectonics and performances of flexible magnetostrictive fiber ribbon based on electrohydrodynamic printing technology  
**Authors:** Zhao, Luyao ; Liu, Huifang ; Mei, Xutao ; Yin, Xiaoge ; Feng, Tiancheng ; Yu, Xingfu ; Han, Hui ; Chang, Yunlong  
**Source title:** Journal of Materials Science: Materials in Electronics
- 39. Accession number:** 20243516952661  
**Title:** OPTIMIZATION OF END TRAJECTORY OF MEDICAL ROBOT ARM BASED ON HUMAN BIOMIMETICS  
**Authors:** Wang, Zhilin ; Su, Donghai  
**Source title:** Journal of Mechanics in Medicine and Biology

**40. Accession number:** 20243717036497

**Title:** Study on the structure, crystallization behavior, and properties of PVCH-PE-PVCH Block copolymers

**Authors:** Hua, Xia ; Wu, Shangfeng ; Wang, Ying ; Liu, Li-Zhi ; Wang, Yuanxia ; Shi, Ying ; Zhang, Qi

**Source title:** Journal of Polymer Research

**41. Accession number:** 20243516938477

**Title:** Microstructure and mechanical property improvement of concurrent wire-powder feeding laser melting deposition Ti-6Al-4V via TiC addition

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

**Source title:** Materials Research Express

(二) 材料科学与工程学院 (127 篇)

1. **Accession number:** 20242516277782  
**Title:** Excellent Energy Storage Performance of Perovskite High-Entropy Oxide-Modified (Bi<sub>0.5</sub>Na<sub>0.5</sub>)TiO<sub>3</sub>-Based Ceramics  
**Authors:** Zhang, Xue ; Zhang, Fan ; Niu, Yiwen ; Zhang, Zhiqiang ; Lei, Xueqiong ; Wang, Zhan Jie  
**Source title:** ACS Applied Electronic Materials
2. **Accession number:** 20243016733213  
**Title:** Multiple Hydrogen Bond Systems Boosting High Proton Conductivity of the Comb-Shaped Sulfonated Poly(ether ether ketone) Proton Exchange Membranes  
**Authors:** Zhang, Yuqing ; Zhang, Ailing ; Fan, Yuting ; Li, Yongjiang ; Xing, Zuoxia ; Wang, Song  
**Source title:** ACS Applied Polymer Materials
3. **Accession number:** 20242616349674  
**Title:** Tuning Vertical Electrodeposition for Dendrites-Free Zinc-Ion Batteries  
**Authors:** Cao, Jin ; Sun, Mingzi ; Zhang, Dongdong ; Zhang, Yuefeng ; Yang, Chengwu ; Luo, Ding ; Yang, Xuelin ; Zhang, Xinyu ; Qin, Jiaqian ; Huang, Bolong ; Zeng, Zhiyuan ; Lu, Jun  
**Source title:** ACS Nano
4. **Accession number:** 20242916730798  
**Title:** Facile Fabrication of Lilac-Like Multiple Self-Supporting WO<sub>3</sub> Nanoneedle Arrays with Cubic/Hexagonal Phase Junctions for Highly Sensitive Ethylene Glycol Gas Sensors  
**Authors:** Qu, Xiaohan ; Li, Mingchun ; Mu, Hanlin ; Jin, Bingbing ; Song, Minggao ; Zhang, Kunlong ; Wu, Yusheng ; Li, Laishi ; Yu, Yan  
**Source title:** ACS Sensors
5. **Accession number:** 20242816686112  
**Title:** Revealing the high strength and high thermal stability of a nano-lamellar Cu-0.1 at.% Zr alloy  
**Authors:** Jiang, Yao ; Li, Saiyang ; Liang, Ningning ; Lan, Si ; Zhang, Yue ; Yin, Wen ; Sha, Gang ; Divinski, Sergiy ; Wilde, Gerhard ; Wang, Jing Tao  
**Source title:** Acta Materialia
6. **Accession number:** 20243016752942  
**Title:** Effect of Ta on Tensile Behavior and Deformation Mechanism of a Nickel-Based Single Crystal Superalloy  
**Authors:** Ge, Mingtao ; Wang, Xinguang ; Li, Yongmei ; Tan, Zihao ; Tao, Xipeng ; Yang, Yanhong ; Wang, Liang ; Zhang, Chunhua ; Zhang, Song ; Zhou, Yizhou ; Sun, Xiaofeng  
**Source title:** Acta Metallurgica Sinica (English Letters)
7. **Accession number:** 20242616420671  
**Title:** Fatigue and Corrosion Fatigue Properties of Mg - Zn - Zr - Nd Alloys in Glucose-Containing Simulated Body Fluids  
**Authors:** Han, Xue ; Zhang, Dan ; Zhang, Song ; Abueida, Mohammed R. I. ; Tan, Lili ; Lu, Xiaopeng ; Wang, Qiang ; Liu, Huanye  
**Source title:** Acta Metallurgica Sinica (English Letters)
8. **Accession number:** 20242816687801

- Title:** Effect of Ag on High-Temperature Oxidation Behavior of Mg - 6.5Gd - 5.6Y - 0.1Nd - 0.01Ce - 0.4Zr Alloy  
**Authors:** Guo, Shuang ; Liu, Tianyu ; Luo, Tianjiao ; Li, Yingju ; Feng, Xiaohui ; Huang, Qiuyan ; Zheng, Ce ; Zhu, Cheng ; Yang, Yuansheng ; Li, Weirong ; Li, Feng  
**Source title:** Acta Metallurgica Sinica (English Letters)
- 9. Accession number:** 20242716609433  
**Title:** Microstructural Evolution and Mechanical Property of Cu - Cr - Zr - ZrB<sub>2</sub> Composites Subjected to Cryorolling and Aging Treatment  
**Authors:** Zhang, Siruo ; Li, Guanglong ; Qu, Yingdong ; Kang, Huijun ; Chen, Zongning ; Guo, Enyu ; Zhang, Wei ; Wang, Tongmin  
**Source title:** Advanced Engineering Materials
- 10. Accession number:** 20242916721798  
**Title:** Co-Substitution Engineering Boosting the Kinetics and Stability of VO<sub>2</sub> for Zn Ion Batteries  
**Authors:** Wang, Zihan ; Cui, Peng ; Wang, Xiaomei ; Chang, Mengwei ; Yu, Yongren ; You, Junhua ; Hu, Fang ; Wu, Yusheng ; Zhu, Kai  
**Source title:** Advanced Functional Materials
- 11. Accession number:** 20242716609515  
**Title:** Controllable metal nanodots array fabricated by SDS-assisted nanosphere lithography and its application for nanowires growth  
**Authors:** Bai, Bing ; Zhao, Danna ; Li, Zhijie ; Bao, Lifu ; Tian, Ming ; Buren, Bayaer  
**Source title:** Applied Physics A: Materials Science and Processing
- 12. Accession number:** 20243116775344  
**Title:** Ni<sub>3</sub>S<sub>2</sub>@NiMo-LDH Composite for Flexible Hybrid Capacitors  
**Authors:** He, Qi ; Wu, Xiang  
**Source title:** Batteries
- 13. Accession number:** 20242616532194  
**Title:** Rubberized Concrete: Effect of the Rubber Size and Content on Static and Dynamic Behavior  
**Authors:** Du, Tianyang ; Yang, Yue ; Cao, Huidong ; Si, Nan ; Kordestani, Hadi ; Sktani, Zhwan Dilshad Ibrahim ; Arab, Ali ; Zhang, Chunwei  
**Source title:** Buildings
- 14. Accession number:** 20242916731069  
**Title:** Effect of Long-term Thermal Exposure on Microstructure Evolution of a Platinum Modified Aluminide Coated Single Crystal Superalloy DD413  
**Authors:** Zhang, Yingjian ; Zhang, Siqian ; Wang, Dong ; Zhang, Haoyu ; Zhou, Ge ; Chen, Lijia  
**Source title:** Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
- 15. Accession number:** 20243216812769  
**Title:** Growth process of boehmite with large particles in ammonia system  
**Authors:** Wang, Junkai ; Li, Laishi ; Liu, Feng ; Wang, Yuzheng ; Wu, Yusheng  
**Source title:** Ceramics International
- 16. Accession number:** 20242716601889

**Title:** Calcium-doped double perovskite  $\text{PrBaFe}_2\text{O}_{5+\delta}$  as a high-performance cathode for solid oxide fuel cells

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

**Source title:** Ceramics International

**17. Accession number:** 20243316874540

**Title:** Facile and efficient fabrication of  $\text{Cu}_{1.04}\text{Mn}_{0.96}\text{O}_2$  nanosheet anodes with superior electrochemical lithium storage capability

**Authors:** Ye, Mingyuan ; Zhao, Ziqi ; Liu, Liying ; Shao, Li ; Liu, Li ; Hao, Xiaorui ; Lv, Jiaqi ; Wang, Peng-Fei ; Zhang, Yu-Hang ; Shi, Fa-Nian ; Wu, Yuhan

**Source title:** Chemical Physics Letters

**18. Accession number:** 20243216816903

**Title:** Mechanical properties and deformation behavior of Zr-based bulk metallic glass composites reinforced with tungsten fibers or tungsten powders

**Authors:** Zhang, Zhen ; Wang, Jin-He ; Li, Zheng-Kun ; Fu, Hua-Meng ; Li, Hong ; Zhu, Zheng-Wang ; Zhang, Hai-Feng

**Source title:** China Foundry

**19. Accession number:** 20242516296073

**Title:** Effect of microalloying on wettability and interface characteristics of Zr-based bulk metallic glasses with W substrate

**Authors:** Zhang, Zhen ; Feng, Lin-Na ; Wang, Jin-He ; Li, Zheng-Kun ; Fu, Hua-Meng ; Li, Hong ; Zhu, Zheng-Wang ; Zhang, Hai-Feng

**Source title:** China Foundry

**20. Accession number:** 20242516263751

**Title:** Enhancing the catalytic activity of  $\text{BiVO}_4$ : A new insight on the design of high-efficiency piezo-photocatalyst

**Authors:** Cheng, Ying ; Zhang, Yubo ; Wang, Chen ; Yu, Tao ; Lei, Xuefei ; Guo, Rui ; Tian, Ye ; You, Junhua ; Zhang, Hangzhou ; Wang, Xiaoxue

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

**21. Accession number:** 20243316875950

**Title:** Ultrahigh nitrogen-doped carbon derived from g- $\text{C}_3\text{N}_4$  assisted by citric acid for superior potassium-ion storage

**Authors:** Wang, Shasha ; Wei, Yuli ; Wang, Rongzhe ; Liu, Qing ; Wang, Qing ; Luo, Shaohua ; Zhang, Yahui ; Yan, Shengxue ; Hou, Pengqing ; Liu, Xin ; Guo, Jing ; Mu, Wenning

**Source title:** Composites Part B: Engineering

**22. Accession number:** 20243216828841

**Title:** Insight into the long-term corrosion evolution of borated stainless steels in the wet storage environment for spent nuclear fuel

**Authors:** Lu, Weiyang ; Wang, Debin ; Ji, Baoting ; Cui, Jingping ; Shi, Jian ; Liu, Zhiwen ; Li, Tianrun ; Liu, Bo ; Yang, Fan ; Zhang, Song ; Zhang, Suode

**Source title:** Corrosion Science

- 23. Accession number:** 20243016767976  
**Title:** Construction of a high-performance flexible hybrid capacitor at extreme working temperature ( $-20^{\circ}\text{C}$ )  
**Authors:** Sun, Xingjie ; Wu, Xiang ; Sun, Lixian  
**Source title:** CrystEngComm
- 24. Accession number:** 20242716646017  
**Title:** On-line synthesis of highly stable product-derived catalysts applied in DEC/EMC synthesis without azeotrope generation  
**Authors:** Zhao, Zhentao ; Wang, Yuxin ; Shi, Jian ; Xu, Guangwen ; Shi, Lei  
**Source title:** Fuel Processing Technology
- 25. Accession number:** 20242616301681  
**Title:** Effect of Pr doping on the microstructure, texture and magnetostrictive behavior of polycrystalline Fe<sub>81</sub>Al<sub>19</sub> alloys  
**Authors:** Li, Weijie ; Zhou, Lei ; He, Zhenghua ; Yu, Haizheng ; Liu, Jiande ; Zhu, Xiaofei ; Hao, Hongbo ; Chen, Lijia  
**Source title:** IEEE Transactions on Magnetics
- 26. Accession number:** 20243016766178  
**Title:** Preparation of TiZrHfNbMo refractory high entropy alloy powder via hydrogen plasma-arc melting  
**Authors:** Shen, Xiangyang ; Zhou, Guishen ; Liu, Feng ; Dong, Fuyu ; Zhang, Yue ; Yuan, Xiaoguang ; Wang, Binbin ; Luo, Liangshun ; Su, Yanqing ; Cheng, Jun ; Liaw, Peter K.  
**Source title:** Intermetallics
- 27. Accession number:** 20243216816928  
**Title:** Research status of insufficient sidewalls penetration in narrow gap TIG welding of thick metal plates  
**Authors:** Zhao, Honglei ; Zhang, Siyu ; Yu, Xianglong ; Li, Yiwen ; Miao, Junyan ; Chang, Chenhe ; Chang, Yunlong  
**Source title:** International Journal of Advanced Manufacturing Technology
- 28. Accession number:** 20242716616944  
**Title:** Numerical simulation for gas metal arc welding: a review  
**Authors:** Miao, Junyan ; Li, Yiwen ; Zhao, Honglei ; Zhang, Siyu ; Zou, Wenfeng ; Chang, Chenhe ; Chang, Yunlong  
**Source title:** International Journal of Advanced Manufacturing Technology
- 29. Accession number:** 20243316881559  
**Title:** Breaking the trade-off between proton conductivity and mechanical stability through liquid-crystal-modified aramid fibers in sulfonated polyether ether ketone membranes  
**Authors:** Fan, Yuting ; Zhang, Yuqing ; Zhang, Ailing ; Li, Lishi ; Wang, Ruihan ; Xing, Zuoxia ; Wang, Song  
**Source title:** International Journal of Hydrogen Energy
- 30. Accession number:** 20243016765732  
**Title:** Mechanism study on direct Z-scheme HfSSe/Arsenene van der Waals heterojunction for photocatalytic water splitting  
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**Authors:** Cao, Jin ; Wu, Haiyang ; Yue, Yilei ; Zhang, Dongdong ; Li, Biaoyang ; Luo, Ding ; Zhang, Lulu ; Qin, Jiaqian ; Zhang, Xinyu ; Yang, Xuelin  
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**Authors:** Zhang, Junjie ; Liu, Xingyu ; Wu, Xiang ; Cho, Young-Rae  
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**Authors:** Chen, Ying ; Guan, Chuang ; Li, Juncai ; Meng, Fanwei ; Zhang, Chao ; Wang, Xin ; Yu, Tianbiao  
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**Authors:** Zhao, Luyao ; Liu, Huifang ; Mei, Xutao ; Yin, Xiaoge ; Feng, Tiancheng ; Yu, Xingfu ; Han, Hui ; Chang, Yunlong  
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**Authors:** Wang, Yifang ; Du, Boxue ; Y., Chen; X., Lin; X., Kong  
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**Title:** Two-Stage Ultra-Short-Term Load Forecasting Model of Household Appliances Based on Non-Intrusive Load Disaggregation  
**Authors:** Li, Yanzhen ; Wang, Haixin ; Yang, Zihao ; Chen, Zhe ; Yang, Junyou  
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**Authors:** Cui, Jiaping ; Cao, Zhigang ; Lyu, Pin ; Peng, Huaiwu ; Li, Quankun ; Ma, Ruixian ; Liu, Yingming  
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**Title:** Research on Control Strategy of Hybrid Superconducting Energy Storage Based on Reinforcement Learning Algorithm  
**Authors:** Liu, Yang ; Han, Xingfan ; Xing, Zuoxia ; Li, Pengtao ; Liu, Hengyu ; Jiang, Zhanpeng  
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**Authors:** Liu, Yang ; Li, Pengtao ; Xing, Zuoxia ; Han, Xingfan ; Fu, Qitong ; Jiang, Zhanpeng

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**Authors:** Fu, Renjie ; Zhang, Bo ; Dong, Ting ; Feng, Wei ; Meng, Fangui

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

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**Authors:** Jin, Shi ; Jin, Wuhen ; Wang, Hao ; Yu, Siyang ; Zhang, Zhaoyu

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**Authors:** Hu, Xuyang ; Yu, Zhanyang ; Zhuang, Pengzhe ; Wan, Jiaocui ; Wang, Jin ; Li, Yan  
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**Source title:** IEEE Transactions on Energy Conversion

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**Title:** Transient Stability Analysis and Virtual Power Compensation of a Virtual Synchronous Generator under Low-Voltage Fault  
**Authors:** Long, Bo; Hu, Chengkun; Chen, Zhihao; Hu, Jiefeng; Rodríguez, José  
**Source title:** IEEE Transactions on Power Electronics
- 66. Accession number:** 20243617006756  
**Title:** Maximum torque per ampere control of permanent magnet reluctance hybrid rotor dual stator synchronous motor based on sliding mode speed controller  
**Authors:** Jin, Wuhen ; Jin, Shi ; Yu, Siyang ; Wang, Hao ; Zhang, Zhaoyu  
**Source title:** IET Power Electronics
- 67. Accession number:** 20243416908994  
**Title:** Study on Electromagnetic Performance of Skewed Permanent Magnet Axial Flux Permanent Magnet Synchronous Motor  
**Authors:** Wang, Junhong ; Xu, Zengjin ; Xing, Zuoxia ; Liu, Yang ; Ji, Wei  
**Source title:** Journal of Electrical Engineering and Technology

(四) 信息科学与工程学院 (17 篇)

1. **Accession number:** 20243116784265  
**Title:** High-speed all-in-focus 3D imaging method based on liquid lens focus scanning  
**Authors:** Cheng, Huayu ; Wang, Lihui ; Tabata, Satoshi ; He, Yuan ; Hu, Yan ; Liu, Jiang ; Mou, Zhiwei  
**Source title:** Applied Optics
2. **Accession number:** 20242716647226  
**Title:** Single Logarithmic Amplification and Deep Learning-based Fixed-threshold On-off Keying Detection for Free-space Optical Communication  
**Authors:** Jing, Qian-Wen ; Hong, Yan-Qing  
**Source title:** Current Optics and Photonics
3. **Accession number:** 20243016761918  
**Title:** Physics constrained pedestrian trajectory prediction with probability quantification  
**Authors:** Sang, Haifeng ; Wang, Jinyu ; Liu, Quankai ; Chen, Wangxing ; Zhao, Zishan  
**Source title:** Expert Systems with Applications
4. **Accession number:** 20243316877439  
**Title:** Multi-channel multi-frequency eddy current detection of lithium battery welds in aviation field  
**Authors:** Zhang, Xiaodan ; Bai, Shi ; Liu, Zhiyao ; Lin, Yuxi ; Huang, Ping ; Zheng, Fuyin  
**Source title:** Hanjie Xuebao/Transactions of the China Welding Institution
5. **Accession number:** 20243016744818  
**Title:** Effect of Inverse Solutions, Connectivity Measures, and Node Sizes on EEG Source Network: A Simultaneous EEG Study  
**Authors:** Liu, Yang ; Su, Heng ; Li, Chunsheng  
**Source title:** IEEE Transactions on Neural Systems and Rehabilitation Engineering
6. **Accession number:** 20243216813454  
**Title:** PAP: A Privacy-Preserving Authentication Scheme With Anonymous Payment for V2G Networks  
**Authors:** Yue, Xiaohan ; Bi, Xue ; Yang, Haibo ; Bai, Shi ; He, Yuan  
**Source title:** IEEE Transactions on Smart Grid
7. **Accession number:** 20242816691392  
**Title:** Design and Evaluation of Pen Body Commands  
**Authors:** Xin, Yizhong ; Jia, Siqu ; Li, Yan  
**Source title:** International Journal of Human-Computer Interaction
8. **Accession number:** 20242616349623  
**Title:** WTGCN: wavelet transform graph convolution network for pedestrian trajectory prediction  
**Authors:** Chen, Wangxing ; Sang, Haifeng ; Wang, Jinyu ; Zhao, Zishan  
**Source title:** International Journal of Machine Learning and Cybernetics
9. **Accession number:** 20242916716443  
**Title:** Broadband microwave absorption and antibiosis effect of Cu@C@Fe<sub>3</sub>O<sub>4</sub> nanocomposites

- Authors:** Lei, Zixuan ; Zhang, Xinrui ; Ma, Lin ; Zheng, Bowen ; Liu, Yi ; Yang, Chunguang ; Chang, Xiaolin ; Zhang, Min ; Bai, Shi ; Li, Bing ; Ma, Song ; Zhang, Zhidong  
**Source title:** Journal of Alloys and Compounds
- 10. Accession number:** 20243116793184  
**Title:** Mechanism of strain-induced magnetic signal change in ferromagnetic materials under weak magnetic environment  
**Authors:** He, Luyao ; Han, Licheng ; Liu, Bin ; Geng, Hao ; Lian, Zheng ; Wu, Zihan  
**Source title:** Journal of Magnetism and Magnetic Materials
- 11. Accession number:** 20242716564129  
**Title:** Supernode Fusion Model Based on Bimodal Action Recognition  
**Authors:** Sang, Haifeng ; Liu, Yumeng  
**Source title:** Journal of Signal Processing Systems
- 12. Accession number:** 20242616303182  
**Title:** Pedestrian trajectory prediction from driving perspective based on multi-information fusion  
**Authors:** Sang, Hai-Feng ; Liu, Quan-Kai ; Wang, Jin-Yu ; Chen, Wang-Xing  
**Source title:** Kongzhi yu Juece/Control and Decision
- 13. Accession number:** 20243116769771  
**Title:** REDef-DETR: real-time and efficient DETR for industrial surface defect detection  
**Authors:** Li, Dejian ; Jiang, Changhong ; T., Liang  
**Source title:** Measurement Science and Technology
- 14. Accession number:** 20243216807311  
**Title:** Design, modeling, and experiment of a multi-degree-of-freedom pneumatic soft bionic actuator  
**Authors:** Zhao, Wenchuan ; Zhang, Yu ; Lim, Kian Meng ; Yang, Lijian ; Wang, Ning ; Peng, Linghui  
**Source title:** Mechanics of Advanced Materials and Structures
- 15. Accession number:** 20242716601912  
**Title:** RZ-PPM impulse tone-based CSI estimation for adaptive threshold decision in FSO communications  
**Authors:** Jing, Qian-Wen ; Hong, Yan-Qing ; Liu, Min-Fang  
**Source title:** Microwave and Optical Technology Letters
- 16. Accession number:** 20243516956019  
**Title:** Acoustic Emission Characteristics of Fatigue Propagation of Superalloy Based on Quadratic K-entropy  
**Authors:** Jing, Ting ; Liang, Zheming ; Yu, Yang  
**Source title:** Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
- 17. Accession number:** 20243416894418  
**Title:** Hydrogen Sensing Properties of FET-Type Sensors with Pt-In<sub>2</sub>O<sub>3</sub> at Room Temperature  
**Authors:** Wu, Meile ; Hu, Shixin ; Wu, Zhanyu ; Wang, Zebin ; Li, Meng ; Liu, Xi ; Jin, Xiaoshi ; Lee, Jong-Ho  
**Source title:** Chemosensors

(五) 管理学院 (3 篇)

1. **Accession number:** 20243316883859  
**Title:** Research on the suitability and spatial and temporal evolution of innovation environment niche suitability of regional innovation ecosystem under digitalization  
**Authors:** He, Zitong ; Wang, Haijun ; Ma, Xiaolin ; Hu, Yuhan ; Zhao, Huiyan  
**Source title:** Frontiers in Physics
2. **Accession number:** 20243616995855  
**Title:** Decentralized finance (DeFi): a paradigm shift in the Fintech  
**Authors:** Xu, Ronghua ; Zhu, Jing ; Yang, Lei ; Lu, Yang ; Xu, Li Da  
**Source title:** Enterprise Information Systems
3. **Accession number:** 20243516929297  
**Title:** Robust optimization algorithm for integrated crane assignment and scheduling in slab yard with uncertain arrival time  
**Authors:** Wang, Xu ; Zhao, Qihong ; Liu, Shixin ; Wang, Jia ; Qi, Liang  
**Source title:** International Journal of Production Research

(六) 理学院 (28 篇)

1. **Accession number:** 20243116775450  
**Title:** An Improved Adam's Algorithm for Stomach Image Classification  
**Authors:** Sun, Haijing ; Yu, Hao ; Shao, Yichuan ; Wang, Jiantao ; Xing, Lei ; Zhang, Le ; Zhao, Qian  
**Source title:** Algorithms
2. **Accession number:** 20243216841963  
**Title:** Dynamic magnetic characteristics and hysteresis behaviors of a diluted graphene-like monolayer  
**Authors:** Huang, Si-Yu ; Wang, Wei ; Zou, Sheng ; Xu, Zi-Yi ; Hong, Jian-Da ; Zhou, Si-Tong ; Liu, Gong-Zhao  
**Source title:** Applied Physics A: Materials Science and Processing
3. **Accession number:** 20243016756999  
**Title:** A two-state Kalman estimator for atomic gravimetry  
**Authors:** Jiang, Bo-Nan  
**Source title:** European Physical Journal D
4. **Accession number:** 20243016756856  
**Title:** Monte Carlo study of the magnetic and magnetocaloric properties of an edge-decorated graphene-like nanoparticle  
**Authors:** Liu, Zhen-Yu ; Wang, Wei ; Li, Bo-Chen  
**Source title:** Journal of Materials Science
5. **Accession number:** 20243016764940  
**Title:** Effects of Mo nanoparticles on growth of compounds layer and strength of Sn<sub>3.0</sub>Ag<sub>0.5</sub>Cu/Cu solder joint during thermal cycling  
**Authors:** Ma, Shiran ; Yang, Linmei ; Yang, Jiyou ; Liang, Yawei  
**Source title:** Journal of Materials Science: Materials in Electronics
6. **Accession number:** 20242616314236  
**Title:** Quantum Dynamics Studies of the Li + Na<sub>2</sub> (V = 0, j = 0) → Na + NaLi Reaction on a New Neural Network Potential Energy Surface  
**Authors:** Buren, Bayaer ; Zhang, Jiapeng ; Li, Yongqing  
**Source title:** Journal of Physical Chemistry A
7. **Accession number:** 20243016753100  
**Title:** Convergence analysis and application of an improved sparrow search algorithm  
**Authors:** Guo, Qing-Hui ; Li, Yuan ; Yang, Dong-Sheng  
**Source title:** Kongzhi yu Juece/Control and Decision
8. **Accession number:** 20243316882887  
**Title:** Synergistic strategy of Z-scheme heterojunction and defect engineering to construct ZnS/CoS<sub>x</sub> nanospheres for excellent photocatalytic H<sub>2</sub> evolution performance  
**Authors:** Liu, Zhenqi ; Zou, Guangqing ; Xu, Heming ; Wang, Xuelian ; Qu, Xinyu ; Hou, Guoqiu ; Shi, Guimei ; Yang, Linmei ; Wang, Yuzheng ; Wang, Xiaolei ; Xie, Yingpeng  
**Source title:** Materials Research Bulletin



9. **Accession number:** 20243316861405  
**Title:** Dynamic magnetic and magnetocaloric behaviors of a Kagome-like cluster  
**Authors:** Shi, Kai-Le ; Jiang, Wei ; Wu, Wei-Chen  
**Source title:** Physica A: Statistical Mechanics and its Applications
10. **Accession number:** 20243416921331  
**Title:** State of Charge Estimation of Lithium-Ion Batteries with Adaptive Square Root Central Difference Kalman Filter  
**Authors:** Du, Hongbo ; Yuan, Yuan ; Zheng, Wei ; Zhu, Lijun  
**Source title:** Advanced Theory and Simulations
11. **Accession number:** 20242616434296  
**Title:** Bioaccumulation of perfluoroalkyl substances in greenhouse vegetables with long-term groundwater irrigation near fluorochemical plants in Fuxin, China  
**Authors:** Bao, Jia; Li, Cheng-Long; Liu, Yang; Wang, Xin; Yu, Wen-Jing; Liu, Zhi-Qun; Shao, Li-Xin; Jin, Yi-He  
**Source title:** Environmental Research
12. **Accession number:** 20242616377210  
**Title:** Removal of Pb(II) from aqueous solutions by adsorption on magnetic bentonite  
**Authors:** Zou, Chenglong; Jiang, Wei; Liang, Jiyan; Sun, Xiaohang; Guan, Yinyan  
**Source title:** Environmental Science and Pollution Research
13. **Accession number:** 20242616331023  
**Title:** Human exposure to perfluoroalkyl substances near a fluorochemical industrial park in China  
**Authors:** Bao, Jia; Liu, Li; Wang, Xin; Jin, Yi-He; Dong, Guang-Hui  
**Source title:** Environmental Science and Pollution Research
14. **Accession number:** 20242616482466  
**Title:** Human exposure to perfluoroalkyl substances near a fluorochemical industrial park in China  
**Authors:** Bao, Jia; Liu, Li; Wang, Xin; Jin, Yi-He; Dong, Guang-Hui  
**Source title:** Environmental Science and Pollution Research
15. **Accession number:** 20242616503748  
**Title:** Human serum levels of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) in Uyghurs from Sinkiang-Uighur Autonomous Region, China: background levels study  
**Authors:** Zeng, Xiao-Wen; Qian, Zhengmin; Vaughn, Michael; Xian, Hong; Elder, Keith; Rodemich, Eugene; Bao, Jia; Jin, Yi-He; Dong, Guang-Hui  
**Source title:** Environmental Science and Pollution Research
16. **Accession number:** 20242616519582  
**Title:** Perfluoroalkyl acids in blood serum samples from children in Taiwan  
**Authors:** Bao, Jia; Lee, Yungling Leo; Chen, Pau-Chung; Jin, Yi-He; Dong, Guang-Hui  
**Source title:** Environmental Science and Pollution Research

- 17. Accession number:** 20242616377715  
**Title:** Double dielectric barrier discharge cells for promoting the catalytic degradation of volatile organic compound released by industrial processes  
**Authors:** Zhang, Shuo ; Shen, Xinjun ; Liang, Jiyan  
**Source title:** Environmental Science and Pollution Research
- 18. Accession number:** 20242616431517  
**Title:** Effect of cross-linking and oxidization on structure and properties of sesbania gum  
**Authors:** Hongbo, Tang; Yao, Yao; Yanping, Li; Siqing, Dong  
**Source title:** International Journal of Biological Macromolecules
- 19. Accession number:** 20242716625560  
**Title:** Hydroxypropylation of cross-linked sesbania gum, characterization and properties  
**Authors:** Tang, Hongbo ; Liu, Yihan ; Li, Yanping ; Li, Qian ; Liu, Xiaojun  
**Source title:** International Journal of Biological Macromolecules
- 20. Accession number:** 20242616434650  
**Title:** Cross-linking of partially hydrolyzed sesbania gum, property and characterization  
**Authors:** Yanping, Li ; Hongbo, Tang ; Qiumei, He ; Xiaoyang, Duan  
**Source title:** International Journal of Biological Macromolecules
- 21. Accession number:** 20242616409093  
**Title:** Effect of acidolysis and oxidation on structure and properties of konjac glucomannan  
**Authors:** Hongbo, Tang ; Lan, Wang ; Yanping, Li ; Siqing, Dong  
**Source title:** International Journal of Biological Macromolecules
- 22. Accession number:** 20243717020995  
**Title:** Adaptive Fuzzy Tracking Control and Its Application in Stochastic Biological Systems  
**Authors:** Zhang, Yi ; Su, Xiaotian ; Song, Yue  
**Source title:** International Journal of Fuzzy Systems
- 23. Accession number:** 20243717036497  
**Title:** Study on the structure, crystallization behavior, and properties of PVCH-PE-PVCH Block copolymers  
**Authors:** Hua, Xia ; Wu, Shangfeng ; Wang, Ying ; Liu, Li-Zhi ; Wang, Yuanxia ; Shi, Ying ; Zhang, Qi  
**Source title:** Journal of Polymer Research
- 24. Accession number:** 20242616375050  
**Title:** The remediation of chlorpyrifos-contaminated soil by immobilized white-rot fungi  
**Authors:** Wang, Xin; Song, Lei; Li, Zhaoxing; Ni, Zijun; Bao, Jia; Zhang, Huiwen  
**Source title:** Journal of the Serbian Chemical Society
- 25. Accession number:** 20242616411693  
**Title:** Degradation of carbofuran in contaminated soil by plant-microorganism combined technology  
**Authors:** Wang, Xin; Li, Zhaoxing; Yao, Mengqin; Bao, Jia; Zhang, Huiwen  
**Source title:** Journal of the Serbian Chemical Society
- 26. Accession number:** 20242616451237  
**Title:** Degradation of chlorpyrifos in contaminated soil by immobilized laccase  
**Authors:** Wang, Xin; Yao, Meng Qin; Liu, Li; Cao, Yu; Bao, Jia  
**Source title:** Journal of the Serbian Chemical Society

**27. Accession number:** 20242616409238

**Title:** Water glass derived catalyst for the synthesis of glycerol carbonate via the transesterification reaction between glycerol and dimethyl carbonate

**Authors:** Xu, Lanlan; Wang, Song; Okoye, Patrick U.; Wang, Jianye; Li, Sanxi; Zhang, Linnan; Zhang, Ailing; Tang, Tao

**Source title:** Journal of the Serbian Chemical Society

**28. Accession number:** 20242616472182

**Title:** Degradation of polycyclic aromatic hydrocarbons in contaminated soil by immobilized laccase

**Authors:** Wang, Xin; Sun, Shi Yu; Ni, Zi Jun; Li, Zhao Xing; Bao, Jia

**Source title:** Journal of the Serbian Chemical Society

(七) 建筑与土木工程学院 (42 篇)

1. **Accession number:** 20243316870969  
**Title:** Anomalous Electron-Phonon Coupling in Cubic Be-X (X = Co, Ni, Rh, Hf) Crystals and Insight from Fermi Surface Nesting and Phonon Bandgap  
**Authors:** Yang, Zhonghua ; Ning, Wenbo ; W., Gu; L., Lu; K., Yuan  
**Source title:** ACS Applied Energy Materials
2. **Accession number:** 20242516290375  
**Title:** Nonlinear vibration behaviours of foam-filled honeycomb sandwich cylindrical shells: Theoretical and experimental investigations  
**Authors:** Li, Zelin ; Li, Hui ; Yang, Yao ; Deng, Yichen ; Zhang, Zhengwei ; Ren, Chaohui ; Wang, Haijun ; Zhou, Bo ; Zhou, Jin ; Wang, Haizhou ; Zhang, Haiyang ; Luo, Zhong ; Han, Qingkai ; Guan, Zhongwei  
**Source title:** Aerospace Science and Technology
3. **Accession number:** 20242616508953  
**Title:** The State-of-the-Art on Time-Frequency Signal Processing Techniques for High-Resolution Representation of Nonlinear Systems in Engineering  
**Authors:** Zhang, Chunwei ; Mousavi, Asma A. ; Masri, Sami F. ; Gholipour, Gholamreza  
**Source title:** Archives of Computational Methods in Engineering
4. **Accession number:** 20242616532194  
**Title:** Rubberized Concrete: Effect of the Rubber Size and Content on Static and Dynamic Behavior  
**Authors:** Du, Tianyang ; Yang, Yue ; Cao, Huidong ; Si, Nan ; Kordestani, Hadi ; Sktani, Zhwan Dilshad Ibrahim ; Arab, Ali ; Zhang, Chunwei  
**Source title:** Buildings
5. **Accession number:** 20243116778712  
**Title:** High-Temperature Stirring Pretreatment of Waste Rubber Particles Enhances the Interfacial Bonding and Mechanical Properties of Rubberized Concrete  
**Authors:** Jing, Yuan ; Zhang, Chunwei ; Arab, Ali ; Lin, Guangyi ; Zhao, Meng  
**Source title:** Buildings
6. **Accession number:** 20242516290641  
**Title:** Analysis of Hydration Mechanism of Steel Slag-Based Cementitious Materials under Saline - Alkaline-Coupled Excitation  
**Authors:** Liu, Jianping ; Liu, Bing ; Ge, Xiaowei ; Tian, Yulin ; Song, Ge ; Liu, Kaixin ; Wang, Yilin  
**Source title:** Buildings
7. **Accession number:** 20242916727576  
**Title:** An energy-based model with non-symmetrical branch fractures of different roughness  
**Authors:** Liu, Xin ; Xu, Zhenyang ; Guo, Lianjun  
**Source title:** Bulletin of Engineering Geology and the Environment
8. **Accession number:** 20243216838574  
**Title:** Composite State Tracking Control Protocol for Semi-Markovian Jump Systems with Time-Varying Delays

**Authors:** Shanmugam, Harshavarthini ; Rathinasamy, Sakthivel ; Sundaram, Anusuya ; Ardashir, Mohammadzadeh

**Source title:** Circuits, Systems, and Signal Processing

**9. Accession number:** 20242916712001

**Title:** Thermal properties of ZrSe<sub>2</sub> and HfS<sub>2</sub>/ZrSe<sub>2</sub> heterojunctions subjected to tensile strain

**Authors:** Sun, Shihang ; Yang, Lu ; Bao, Jinlin ; Yang, Zhonghua ; Zhao, Yanshen ; Wei, Xingbin ; Liu, Huaidong ; Tang, Xinying ; Ni, Junjie

**Source title:** Computational Materials Science

**10. Accession number:** 20243016736607

**Title:** Studies on the mechanical properties of rubber concrete reinforced with high-temperature stirred pretreated waste rubber particles

**Authors:** Jing, Yuan ; Zhang, Chunwei ; Lin, Guangyi ; Niu, Yuanyuan ; Zhao, Meng

**Source title:** Construction and Building Materials

**11. Accession number:** 20243216803921

**Title:** Assessment of lithium slag as a supplementary siliceous material in autoclaved aerated concrete: Physical properties and hydration characteristics

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

**Source title:** Construction and Building Materials

**12. Accession number:** 20242516264016

**Title:** A fractional-order multiple-model type-2 fuzzy control for interconnected power systems incorporating renewable energies and demand response

**Authors:** Yan, Shu-Rong ; Dai, Ying ; Shakibjoo, Ali Dokht ; Zhu, Lixing ; Taghizadeh, Sima ; Ghaderpour, Ebrahim ; Mohammadzadeh, Ardashir

**Source title:** Energy Reports

**13. Accession number:** 20242516278807

**Title:** Personalized Blood Pressure Control by Machine Learning for Remote Patient Monitoring

**Authors:** Mai, V.T. ; Alattas, Khalid A. ; Bouteraa, Yassine ; Ghaderpour, Ebrahim ; Mohammadzadeh, Ardashir

**Source title:** IEEE Access

**14. Accession number:** 20243316877263

**Title:** Stabilizing Electric Vehicle Systems Using Proximal Policy-Based Self-structuring Control

**Authors:** Zhuang, Juntao ; Wang, Chengwei ; Cheng, Qiong ; Dai, Ying ; Ghaderpour, Ebrahim ; Mohammadzadeh, Ardashir

**Source title:** International Journal of Automotive Technology

**15. Accession number:** 20242916726429

**Title:** Type 3 Fuzzy Predictive Control of the Insulin-Glucose System in Type 1 Diabetes

**Authors:** Khani, Arman ; Bagheri, Peyman ; Baradarannia, Mahdi ; Mohammadzadeh, Ardashir

**Source title:** International Journal of Fuzzy Systems

**16. Accession number:** 20243016765732

- Title:** Mechanism study on direct Z-scheme HfSSe/Arsenene van der Waals heterojunction for photocatalytic water splitting  
**Authors:** Wang, Jiabin ; Liu, Guili ; Wei, Lin ; Zhao, Jingwei ; Zhang, Guoying  
**Source title:** International Journal of Hydrogen Energy
- 17. Accession number:** 20242916718686  
**Title:** Influence of mono- and bi-vacancy doped alkaline-earth metals on the optoelectronic properties of monolayer defective state MoTe<sub>2</sub>: A first-principles study  
**Authors:** Dai, Ying ; Liu, Guili ; He, Jianlin ; Yang, Zhonghua ; Zhang, Guoying  
**Source title:** International Journal of Quantum Chemistry
- 18. Accession number:** 20243316868831  
**Title:** Overturning Resistance of Structure Base-Isolated by Laminated Rubber Bearing Considering Pounding Against the Moat Wall  
**Authors:** Zhang, Jingcai ; Li, Wangjingyi ; Yang, Hao ; Ji, Xin ; Gu, Lingxi ; Wang, Bo ; Han, Xinyi ; Han, Dong ; Xu, Jianhui ; Li, Yingna ; Cheng, Liang ; Zhang, Chunwei  
**Source title:** International Journal of Structural Stability and Dynamics
- 19. Accession number:** 20242816684158  
**Title:** Study on properties of re-dispersible latex powder and polypropylene fiber-reinforced lightweight foam concrete  
**Authors:** Shi, Xinxin ; Ning, Baokuan ; Na, Fangxi ; Zhao, Weifeng ; Zhang, Chunzheng  
**Source title:** Journal of Building Engineering
- 20. Accession number:** 20242516295053  
**Title:** Mechanical properties and hydration mechanism of low carbon concrete with recycled aggregate  
**Authors:** Sun, Li ; Chen, Xingyi ; Zhang, Yichao ; Zhang, Chunwei ; Li, Yuqing ; Wang, Chao  
**Source title:** Journal of Building Engineering
- 21. Accession number:** 20242616352422  
**Title:** Improving physical properties, microstructure and actual carbon sequestration of steel slag based autoclaved aerated concrete by accelerated carbonation  
**Authors:** Gu, Xiaowei ; Wang, Shenyu ; Liu, Jianping ; Zhu, Zhenguo ; Wang, Hongyu ; Ge, Xiaowei ; Hu, Ziyang ; Xu, Xiaochuan ; Nehdi, Moncef L.  
**Source title:** Journal of Building Engineering
- 22. Accession number:** 20243216806812  
**Title:** Parametric investigation on stepped-lap scarf repair of wind turbine blade spar cap  
**Authors:** Xin, Wen ; Zhou, Bo ; Li, Hui ; Lu, Xiao-Long ; Sun, Ning  
**Source title:** Journal of Mechanical Science and Technology
- 23. Accession number:** 20242616422337  
**Title:** Molecular dynamics study of temperature and defects on mechanical properties of Gr(GO)/C-S-H composites  
**Authors:** He, Jianlin ; Arab, Ali ; Zhang, Chunwei  
**Source title:** Journal of Non-Crystalline Solids

- 24. Accession number:** 20242916705171  
**Title:** Enhancing Flexural Behavior of Reinforced Concrete Beams Strengthened with Basalt Fiber-Reinforced Polymer Sheets Using Carbon Nanotube-Modified Epoxy  
**Authors:** Shi, Changchun ; Jin, Shengji ; Wang, Chengjie ; Yang, Yuhao  
**Source title:** Materials
- 25. Accession number:** 20242516264403  
**Title:** Exploring optoelectronic and thermal characteristics of Janus MoSeTe and WSeTe monolayers under mechanical strain  
**Authors:** Liu, Huaidong ; Yang, Lu ; Zhao, Yanshen ; Sun, Shihang ; Wei, Xingbin  
**Source title:** Materials Today Communications
- 26. Accession number:** 20243216807252  
**Title:** Mechanisms and nonlinear damping behavior of innovative CFP-STF isolator  
**Authors:** Sun, Li ; Liang, Tianqi ; Zhang, Chunwei  
**Source title:** Nonlinear Dynamics
- 27. Accession number:** 20242716646519  
**Title:** Delamination failure analysis of wind turbine blades based on equivalent fatigue load  
**Authors:** Li, Hui ; Xin, Wen ; Xu, Bofeng ; Bao, Hongbing  
**Source title:** Ocean Engineering
- 28. Accession number:** 20243616998895  
**Title:** Field-Induced Butterfly-Like Anisotropic Magnetoresistance in a Kagome Semimetal Co<sub>3</sub>In<sub>2</sub>S<sub>2</sub>  
**Authors:** Lv, Senhao ; Guo, Hui ; Qi, Qi ; Li, Yuhui ; Hu, Guojing ; Zheng, Qi ; Wang, Ruwen ; Si, Nan ; Zhu, Ke ; Zhao, Zhen ; Han, Yechao ; Yu, Weiqi ; Xian, Guoyu ; Huang, Li ; Bao, Lihong ; Lin, Xiao ; Pan, Jinbo ; Du, Shixuan ; He, Jun ; Yang, Haitao ; Gao, Hong-Jun  
**Source title:** Advanced Functional Materials
- 29. Accession number:** 20242616383962  
**Title:** Study on Flexural Behavior of Self-Compacting Concrete Beams with Recycled Aggregates  
**Authors:** Yu, Fang ; Wang, Min ; Yao, Dali ; Yang, Weichuang  
**Source title:** Buildings
- 30. Accession number:** 20242616331357  
**Title:** Vortex-Induced Nonlinear Bending Vibrations of Suspension Bridges with Static Wind Loads  
**Authors:** Yao, Ji ; Huang, Kun ; Li, Tianpeng  
**Source title:** Buildings
- 31. Accession number:** 20243416907015  
**Title:** A novel approach for revealing the strength evolution mechanism of limestone-calcined clay cement with self-ignition coal gangue and shell powder  
**Authors:** Li, Zhijun ; Gu, Xiaowei ; Liu, Bonan ; Liu, Jianping ; Zhang, Yannian ; Yang, Bohan ; Cheng, Baojun ; Kong, Yaning ; Nehdi, Moncef L. ; Zhang, Lei  
**Source title:** Construction and Building Materials

- 32. Accession number:** 20243817045061  
**Title:** Multi-variable fuzzy adaptive time-varying sliding mode control (MVFATVSMC) of the reverse osmosis-photovoltaic desalination system  
**Authors:** Nazari, Mostafa ; Darvishi Nejad, Hossein ; Mohammadzadeh, Ardashir ; Zhang, Chunwei  
**Source title:** Energy
- 33. Accession number:** 20243817039073  
**Title:** Application of wavelet and seasonal-based emotional ANN (EANN) models to predict solar irradiance  
**Authors:** Nourani, Vahid; Behfar, Nazanin; Ng, Anne; Zhang, Chunwei; Sadikoglu, Fahreddin  
**Source title:** Energy Reports
- 34. Accession number:** 20243717035274  
**Title:** Study on the delamination damage prediction of wind turbine blade spar cap based on morphology feature recognition  
**Authors:** Li, Hui ; Ning, Wenbo ; Xin, Wen ; Xu, Bofeng  
**Source title:** Engineering Failure Analysis
- 35. Accession number:** 20243817058566  
**Title:** Fault Detection and Isolation in Wind Turbines: Type-3 Fuzzy Logic Systems and Adaptive Random Search Learning  
**Authors:** Zhou, Aimei ; Zhu, Zhiping ; Ghaderpour, Ebrahim ; Shakibjoo, Ali Dokht ; Taghavifar, Hamid ; Mohammadzadeh, Ardashir ; Zhang, Chunwei  
**Source title:** IEEE Access
- 36. Accession number:** 20243717017747  
**Title:** Bulk CoCrFeNiAlMo high entropy alloy as high-efficient electrocatalyst in alkaline environment  
**Authors:** Huo, Xiaoran ; Zhang, Yuanwu ; Yu, Huishu ; Nie, Sainan ; Zuo, Xiaojiao ; Xu, Xuelu ; Zhang, Nannan  
**Source title:** International Journal of Hydrogen Energy
- 37. Accession number:** 20243616997621  
**Title:** Design of an Online Adaptive Fractional-Order Proportional-Integral-Derivative Controller to Reduce the Seismic Response of the 20-Story Benchmark Building Equipped with an Active Control System  
**Authors:** Jafarzadeh, Ommegolsoum ; Mousavi Ghasemi, Seyyed Arash ; Zahrai, Seyyed Mehdi ; Sabetahd, Rasoul ; Mohammadzadeh, Ardashir ; Vafaei Poursorkhabi, Ramin  
**Source title:** International Journal of Intelligent Systems
- 38. Accession number:** 20243516956408  
**Title:** First-principles study of Ni-adsorption on non-metal atom-doped MoSe<sub>2</sub>  
**Authors:** Su, Dan ; Liu, Guili ; Wei, Ran ; Ma, Mengting ; Yang, Zhonghua ; Zhang, Guoying  
**Source title:** International Journal of Modern Physics B



- 39. Accession number:** 20243616992434  
**Title:** Active Control for Construction Stability of Suspension Arch Rib Segments Based on ARID System  
**Authors:** Zhang, Chunwei ; Li, Hao  
**Source title:** International Journal of Structural Stability and Dynamics
- 40. Accession number:** 20243416927384  
**Title:** Enhancing rubber concrete with supercritical fluid-assisted Nano-SiO<sub>2</sub> embedding and high-temperature stirred waste rubber  
**Authors:** Jing, Yuan ; Zhang, Chunwei ; Lin, Guangyi ; Niu, Yuanyuan ; Zhao, Meng ; Lin, Zetao  
**Source title:** Journal of Building Engineering
- 41. Accession number:** 20243416923074  
**Title:** Tuning the optoelectronic properties of PtS<sub>2</sub>/PtSe<sub>2</sub> heterostructure via strain engineering  
**Authors:** Zhao, Yanshen ; Yang, Lu ; Liu, Huaidong ; Sun, Shihang ; Wei, Xingbin  
**Source title:** Journal of Computational Electronics
- 42. Accession number:** 20243817064151  
**Title:** Integrating of LMIs with Buckingham  $\Pi$  theorem for control of uncertain oscillating systems  
**Authors:** Palizvan Zand, Javad ; Katebi, Javad ; Zhang, Chunwei  
**Source title:** JVC/Journal of Vibration and Control

(八) 软件学院 (2 篇)

- 1. Accession number:** 20243316866954  
**Title:** A Survey on Surface Defect Inspection Based on Generative Models in Manufacturing  
**Authors:** He, Yu ; Li, Shuai ; Wen, Xin ; Xu, Jing  
**Source title:** Applied Sciences (Switzerland)
- 2. Accession number:** 20243416891428  
**Title:** Review of Autonomous Path Planning Algorithms for Mobile Robots  
**Authors:** Qin, Hongwei ; Shao, Shiliang ; Wang, Ting ; Yu, Xiaotian ; Jiang, Yi ; Cao, Zonghan  
**Source title:** Drones

(九) 人工智能学院 (9 篇)

1. **Accession number:** 20243216828664  
**Title:** A Dual-Branch Algorithm for Semantic-Focused Face Super-Resolution Reconstruction  
**Authors:** Qi, Qi ; Meng, Liuyi ; Xu, Ming ; Bai, Bing  
**Source title:** IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences
2. **Accession number:** 20242916713260  
**Title:** False message detection in Internet of Vehicle through machine learning and vehicle consensus  
**Authors:** Zhang, Yu'ang ; Cheong, Chaklam ; Li, Sifan ; Cao, Yue ; Zhang, Xiaoling ; Liu, Dong  
**Source title:** Information Processing and Management
3. **Accession number:** 20242916713217  
**Title:** Finite-time compensation control with dead-zone estimation for a rehabilitative walker considering internal disturbance forces  
**Authors:** Sun, Ping ; Shan, Rui ; Wang, Shuoyu ; Chang, Hongbin  
**Source title:** ISA Transactions
4. **Accession number:** 20243016753092  
**Title:** Each step time-limited learning control method for rehabilitation robot with movement velocity decision  
**Authors:** Shan, Rui ; Sun, Ping ; Wang, Shuo-Yu  
**Source title:** Kongzhi yu Juece/Control and Decision
5. **Accession number:** 20242616348948  
**Title:** Effective degradation of tetracycline via recyclable free-standing three-dimensional copper-based graphene as a persulfate catalyst  
**Authors:** Zhao, Chuanqi; Liang, Liying; Shi, Qin; Xia, Hui; Li, Chaofan; Ma, Junguan  
**Source title:** Environmental Science and Pollution Research
6. **Accession number:** 20243616981532  
**Title:** OHMA: An Edge-Based Lightweight Occluded Target Re-Identification Framework for Exploring Abundant Feature Expression  
**Authors:** Zhang, Xiaoyu ; Wang, Yichao ; Peng, Xiting ; Dong, Mianxiong ; Ota, Kaoru ; Xu, Lexi  
**Source title:** IEEE Transactions on Consumer Electronics
7. **Accession number:** 20243616995504  
**Title:** Optimal Stealthy Attack With Side Information Under the Energy Constraint on Remote State Estimation  
**Authors:** Dong, Sheng-Sheng ; Li, Yi-Gang ; Chen, Li ; Zhang, Xiaoling  
**Source title:** International Journal of Control, Automation and Systems
8. **Accession number:** 20243616986082  
**Title:** Optimal innovation-based attacks against remote state estimation with side information and historical data  
**Authors:** Shan, Hua-Sheng ; Li, Yi-Gang ; An, Liwei

**Source title:** International Journal of Systems Science

**9. Accession number:** 20243717023167

**Title:** Enhanced transport anisotropy of Bi film through carrier mobility modulation controlled by calcium metal

**Authors:** Zhang, Tong ; Wang, Nan ; Zhang, Bowen

**Source title:** Journal of Alloys and Compounds

(十) 环境与化学工程学院 (34 篇)

1. **Accession number:** 20243016733213  
**Title:** Multiple Hydrogen Bond Systems Boosting High Proton Conductivity of the Comb-Shaped Sulfonated Poly(ether ether ketone) Proton Exchange Membranes  
**Authors:** Zhang, Yuqing ; Zhang, Ailing ; Fan, Yuting ; Li, Yongjiang ; Xing, Zuoxia ; Wang, Song  
**Source title:** ACS Applied Polymer Material
2. **Accession number:** 20243316874540  
**Title:** Facile and efficient fabrication of Cu<sub>1.04</sub>Mn<sub>0.96</sub>O<sub>2</sub> nanosheet anodes with superior electrochemical lithium storage capability  
**Authors:** Ye, Mingyuan ; Zhao, Ziqi ; Liu, Liying ; Shao, Li ; Liu, Li ; Hao, Xiaorui ; Lv, Jiaqi ; Wang, Peng-Fei ; Zhang, Yu-Hang ; Shi, Fa-Nian ; Wu, Yuhan  
**Source title:** Chemical Physics Letters
3. **Accession number:** 20243116794137  
**Title:** Calcium Alginate Hydrogel Coating Comprehensively Optimizes Zn Deposition Behavior of Aqueous Zinc-Ion Batteries Anode  
**Authors:** Liu, Huan ; Li, Zhuo ; Sui, Binbin ; Bao, Qingpeng ; Wang, Pengfei ; Gong, Zhe ; Zhang, Yuhang ; Wu, Yuhan ; Shi, Fanian ; Zhou, Mingdong ; Zhu, Kai  
**Source title:** Industrial and Engineering Chemistry Research
4. **Accession number:** 20242916710969  
**Title:** Preparation, properties, and antibacterial application of dialdehyde carboxymethyl cross-linked sesbania gum  
**Authors:** Jiang, Peilong ; Tang, Hongbo ; Li, Yanping ; Liu, Xiaojun  
**Source title:** Journal of Polymer Science
5. **Accession number:** 20242916718702  
**Title:** Study on the properties of electrode materials for supercapacitors based on 1D Co-MOCPs  
**Authors:** Li, Yun-Heng ; Sun, Ping-Ping ; Li, Jia-Qi ; Yuan, Lei ; Shi, Fa-Nian ; Liu, Hai-Yan  
**Source title:** Journal of Solid State Chemistry
6. **Accession number:** 20243216841963  
**Title:** Dynamic magnetic characteristics and hysteresis behaviors of a diluted graphene-like monolayer  
**Authors:** Huang, Si-Yu ; Wang, Wei ; Zou, Sheng ; Xu, Zi-Yi ; Hong, Jian-Da ; Zhou, Si-Tong ; Liu, Gong-Zhao  
**Source title:** Applied Physics A: Materials Science and Processing
7. **Accession number:** 20242716657164  
**Title:** Self-Extinguishing and Low-Cost Quasi-Solid Polymer Electrolyte for Room Temperature Lithium Metal Batteries  
**Authors:** Hu, Xue-Tong ; Chen, Shuang ; Wang, Peng-Fei ; Wu, Yuhan ; Shi, Fa-Nian ; Zhang, Yu-Hang  
**Source title:** Batteries and Supercaps

- 8. Accession number:** 20242716601889  
**Title:** Calcium-doped double perovskite  $\text{PrBaFe}_2\text{O}_{5+\delta}$  as a high-performance cathode for solid oxide fuel cells  
**Authors:** Zhang, Hai-Xia ; Yao, Chuan-Gang ; Di, Miao-Miao ; Zhang, Zhe ; Xia, Bai-Xi ; Sun, Yu-Xi ; Shi, Fa-Nian  
**Source title:** Ceramics International
- 9. Accession number:** 20242816689165  
**Title:** Experimental study of low temperature plasma synergistic catalyst for treatment of DEP in water  
**Authors:** Shen, Xinjun ; Gao, Xu ; Zhang, Siyu ; Wang, Cong  
**Source title:** Chemical Engineering and Processing - Process Intensification
- 10. Accession number:** 20243116796660  
**Title:** Highly stable planted MXene auxiliary layer for high-performance zinc anode deposition regulation  
**Authors:** Bao, Qing-peng ; Li, Zhuo ; Sui, Bin-bin ; Liu, Huan ; Wang, Peng-fei ; Gong, Zhe ; Zhang, Yu-hang ; Wu, Yu-han ; Shi, Fa-nian ; Zhou, Ming-dong ; Zhu, Kai  
**Source title:** Chemical Engineering Journal
- 11. Accession number:** 20243116769968  
**Title:** Trace Amount of High-Concentration Electrolyte for High-Performance Aqueous Zn Metal Anodes  
**Authors:** Tu, Xiaoping ; Ma, Yuanyuan ; Yang, Chenyi ; Wang, Pengfei ; Gong, Zhe ; Sun, Na ; Sun, Yaguang ; Zhou, Mingdong ; Zhu, Kai  
**Source title:** Energy and Fuels
- 12. Accession number:** 20243016742972  
**Title:** Recent progress in the recycling of spent graphite anodes: Failure mechanisms, repair techniques, and prospects  
**Authors:** Zhao, Lina ; Tian, Liyan ; Li, Junyi ; Shi, Fanian ; Chang, Yunlong ; Yan, Jie ; Zhang, Haitao  
**Source title:** Energy Storage Materials
- 13. Accession number:** 20242916705292  
**Title:** Analysis of factors influencing on Electro-Fenton and research on combination technology (II): a review  
**Authors:** Xia, Chongjie ; Shen, Xinjun  
**Source title:** Environmental Science and Pollution Research
- 14. Accession number:** 20242616300473  
**Title:** Integrating machine learning and electrochemistry: A hybrid SA-DE-RF approach for optimizing electrode composition in water treatment  
**Authors:** Tian, Xueyong ; Ma, Yuhan ; Geng, Cong ; Yang, Jie ; Luo, Yuanqing ; Gao, Weichun ; Liang, Jiyan  
**Source title:** Environmental Technology and Innovation

- 15. Accession number:** 20243316881559  
**Title:** Breaking the trade-off between proton conductivity and mechanical stability through liquid-crystal-modified aramid fibers in sulfonated polyether ether ketone membranes  
**Authors:** Fan, Yuting ; Zhang, Yuqing ; Zhang, Ailing ; Li, Lishi ; Wang, Ruihan ; Xing, Zuoxia ; Wang, Song  
**Source title:** International Journal of Hydrogen Energy
- 16. Accession number:** 20243216844953  
**Title:** Degradation mechanism of atrazine in water by permutit loaded Fe and Cu oxides in a multi-electrode dielectric barrier discharge reactor  
**Authors:** Zhang, Jing ; Shen, Xinjun ; Zhang, Siyu ; Wang, Cong  
**Source title:** Journal of Environmental Chemical Engineering
- 17. Accession number:** 20243116797740  
**Title:** Highly Efficient Recycling Waste Plastic into Hydrogen and Carbon Nanotubes through a Double Layer Microwave-Assisted Pyrolysis Method  
**Authors:** Wang, Song ; Hu, Yanbing ; Lu, Shuai ; Zhang, Bin ; Li, Sanxi ; Chen, Xuecheng  
**Source title:** Macromolecular Rapid Communications
- 18. Accession number:** 20242916727264  
**Title:** Piperazine as a Water-Solubilizing Agent for Cross-Linking and Mechanical Enhancements in Freeze-Dried PI Aerogels  
**Authors:** Zhao, Yuzhuo ; Hua, Xia ; Zhu, Yu ; Zhang, Bin ; Li, Yanan ; Wang, Song ; Liu, Jie ; Tang, Tao ; Liang, Bing ; Zhang, Wenzheng ; Li, Sanxi  
**Source title:** Macromolecules
- 19. Accession number:** 20243316882887  
**Title:** Synergistic strategy of Z-scheme heterojunction and defect engineering to construct ZnS/CoS<sub>x</sub> nanospheres for excellent photocatalytic H<sub>2</sub> evolution performance  
**Authors:** Liu, Zhenqi ; Zou, Guangqing ; Xu, Heming ; Wang, Xuelian ; Qu, Xinyu ; Hou, Guoqiu ; Shi, Guimei ; Yang, Linmei ; Wang, Yuzheng ; Wang, Xiaolei ; Xie, Yingpeng  
**Source title:** Materials Research Bulletin
- 20. Accession number:** 20243316861405  
**Title:** Dynamic magnetic and magnetocaloric behaviors of a Kagome-like cluster  
**Authors:** Shi, Kai-Le ; Jiang, Wei ; Wu, Wei-Chen  
**Source title:** Physica A: Statistical Mechanics and its Applications
- 21. Accession number:** 20243016736563  
**Title:** Magnetic properties and cryogenic magnetocaloric effects of rare earth fluorides NH<sub>4</sub>RE<sub>3</sub>F<sub>10</sub> (RE = Tb, Dy, Ho, Er)  
**Authors:** Guo, Qing ; Liu, Peng ; Zhao, Xueting ; Li, Wanwu ; Wang, Haoyu ; Zhang, Zhao ; Yu, Chenyang ; Bao, Changjiang ; Abbas, Muhammad Tahir ; Song, Ruiqi ; Guan, Ziqi ; Zhang, Kun ; Wang, Yanxu ; Wang, Xiaolei ; Li, Bing  
**Source title:** Physica B: Condensed Matter
- 22. Accession number:** 20243616971396  
**Title:** Study on the bioremediation of alachlor-contaminated farmland soil and the toxicity of its metabolites by dominant bacterial  
**Authors:** Zhan, Yue ; Wang, Xin ; Hou, Jiawen ; Bao, Jia ; Yao, Mengqin  
**Source title:** Bioremediation Journal

- 23. Accession number:** 20243616975931  
**Title:** High Entropy Alloys: Emerging Materials for Advanced Hydrogen Storage  
**Authors:** Jiang, Yi ; Jiang, Wei  
**Source title:** Energy Technology
- 24. Accession number:** 20242616330351  
**Title:** Experimental study on the treatment of dye wastewater by plasma coupled biotechnology  
**Authors:** Zhang, Jing ; Shen, Xinjun ; Li, Jiaren ; Zhang, Siyu  
**Source title:** Environmental Science and Pollution Research
- 25. Accession number:** 20242616348845  
**Title:** Study on degradation of cooking fume by compound filter material and UV photodegradation  
**Authors:** Zhang, Siyu ; Shen, Xinjun ; Zhu, Lixiang ; Zhang, Jing  
**Source title:** Environmental Science and Pollution Research
- 26. Accession number:** 20242816665371  
**Title:** Wire-tube DBD reactor for H<sub>2</sub>S treatment: optimization of geometric and electrical parameters  
**Authors:** Xia, Chongjie ; Shen, Xinjun ; Zhou, Wei ; Liu, Yinxin  
**Source title:** Environmental Science and Pollution Research
- 27. Accession number:** 20242616413682  
**Title:** Three-dimensional hierarchical porous carbon derived from natural resources for highly efficient treatment of polluted water  
**Authors:** Li, Jiabin; Holze, Rudolf; Moyo, Simbarashe; Wang, Song; Li, Sanxi; Tang, Tao; Chen, Xuecheng  
**Source title:** Environmental Sciences Europe
- 28. Accession number:** 20242816663704  
**Title:** Potassium citrate-derived porous carbon with high CO<sub>2</sub> capture and Congo red adsorption performance  
**Authors:** Wang, Song ; Zhang, Tingting ; Li, Jiabin ; Hua, Yumeng ; Dou, Jiali ; Chen, Xuecheng ; Li, Sanxi  
**Source title:** Environmental Sciences Europe
- 29. Accession number:** 20243717020969  
**Title:** Regulation of the Anode Electrodeposition Behavior of Aqueous Zinc/Ion Batteries by an L-Alanine-Modified Glass Fiber Separator  
**Authors:** Li, Ruihan ; Xiang, Tianyu ; Wang, Pengfei ; Gong, Zhe ; Wu, Yuhang ; Zhang, Yuhang ; Shi, Fanian ; Zhou, Mingdong  
**Source title:** Industrial and Engineering Chemistry Research
- 30. Accession number:** 20243516960566  
**Title:** MOF-derived carbon supported transition metal (Fe, Ni) and synergetic catalysis for hydrogen storage kinetics of MgH<sub>2</sub>  
**Authors:** Hu, Jin-Qiu ; Jiang, Wei ; Si, Nan ; Wang, Zan ; Zhang, Hui  
**Source title:** International Journal of Hydrogen Energy

- 31. Accession number:** 20243616995091  
**Title:** Printed magnetoresistive sensors for recyclable magnetoelectronics  
**Authors:** Wang, Xiaotao ; Guo, Lin ; Bezsmerina, Olha ; Wu, Yuhan ; Makarov, Denys ; Xu, Rui  
**Source title:** Journal of Materials Chemistry A
- 32. Accession number:** 20243516938490  
**Title:** Diamond photo-electric detectors with introduced silicon-vacancy color centers  
Diamond photo-electric detectors with introduced silicon-vacancy color centers  
**Authors:** Guo, Xiaokun ; Yang, Bing ; Zhang, Xinglai ; Lu, Jiaqi ; Huang, Ming ; Huang, Nan ; Liu, Lusheng ; Jiang, Xin  
**Source title:** Journal of Materials Chemistry C
- 33. Accession number:** 20243416913781  
**Title:** Copper decorated cuprous oxide - carbon nitride plasmonic p-n heterojunction with high-efficiently charge transfer for photodegradation of tetracycline  
**Authors:** Ma, Yan ; Sun, Mingyue ; Li, Han ; Sun, Siying ; Zhao, Yuren ; Xu, Ge  
**Source title:** Journal of Photochemistry and Photobiology A: Chemistry
- 34. Accession number:** 20243617008788  
**Title:** Amorphous Titanium Dioxide-Based Heterojunction with Locally Enhanced Electron Transport Multipathways for High-Efficient Photodegradation of Tetracycline  
**Authors:** Sun, Mingyue ; Zhou, Fang ; Guan, Yin ; Liu, Huining ; Zhao, Yuren ; Xu, Ge  
**Source title:** Langmuir



(十一) 石油化工学院 (17 篇)

1. **Accession number:** 20243216846054  
**Title:** Direct Fabrication of Cu(I)/4A Assisted with a Molecular Complex toward High-Efficiency CO-Selective Adsorption from H<sub>2</sub>  
**Authors:** Xiao, Yonghou ; Guo, Qiang ; Yang, Shuohan ; Zhao, Qidong ; He, Gaohong  
**Source title:** ACS Sustainable Chemistry and Engineering
2. **Accession number:** 20242116149839  
**Title:** Research progress of ring-opening polymerization of  $\epsilon$ -caprolactone initiated by degradable biopolymers  
**Authors:** Li, Fenghong ; Shi, Yan ; Li, Pengzhen ; Jiang, Tianci  
**Source title:** Current Organic Chemistry
3. **Accession number:** 20243016762340  
**Title:** Preparation of KH560-UiO-66-NH<sub>2</sub>/Pebax mixed matrix membranes and CO<sub>2</sub> separation  
**Authors:** Zhao, Wei ; Liu, Hongjing ; Zhang, Chengpeng ; Cao, Yuyang ; Xu, Yuying ; Liu, Xueli ; Lu, Zhen  
**Source title:** Journal of Applied Polymer Science
4. **Accession number:** 20243216817009  
**Title:** Preparation of p-isopropylphenol polyoxyethylene ether and evaluation of its performance in concrete  
**Authors:** Wang, Yaru ; Yang, Zhensheng ; Li, Zhuangzhuang ; Shi, Nana ; Chen, Long  
**Source title:** Journal of Dispersion Science and Technology
5. **Accession number:** 20242716562630  
**Title:** Co@C Nanocatalyst: Enhanced Activation of Peroxymonosulfate for Paracetamol Degradation  
**Authors:** Guan, Xiaotong ; Li, Liang ; Jiang, Yu ; Zheng, Boyu ; Gu, Xinyue ; Liu, Yuelei ; Yu, Lai  
**Source title:** Nano
6. **Accession number:** 20243416907185  
**Title:** Predicting and screening high-performance polyimide membranes using negative correlation based deep ensemble methods  
**Authors:** Xi, Ruochen ; Liu, Hongjing ; Liu, Xueli ; Zhao, Xu  
**Source title:** Analytical Methods
7. **Accession number:** 20243516948894  
**Title:** Simulation and performance analysis of low dielectric isosorbide polyimide  
**Authors:** Shi, Ji ; Li, Xin ; Li, Jun-Hao ; Yu, Guang-Ning ; Ma, Qi-Wen ; Wu, Xiang ; Liang, Bo-Yang ; Huo, Wen-Jia ; Zheng, Rong-Rong ; ChengWang  
**Source title:** Applied Physics A: Materials Science and Processing

- 8. Accession number:** 20243617004553  
**Title:** Two different rims functionalized pillar[5]arene stationary phase for capillary gas chromatography  
**Authors:** Zhang, Yuanyuan ; Ba, Mengyi ; Li, Wen ; Song, Yanli ; Xu, Xiang ; Liu, Haixin ; Zhao, Wenxuan ; Sun, Tao ; Cai, Zhiqiang  
**Source title:** Canadian Journal of Chemistry
- 9. Accession number:** 20242616343928  
**Title:** A New Stationary Phase for Capillary Gas Chromatography: Calix[4]resorcinarene Functionalized with Imidazolium Cationic Units  
**Authors:** Shuai, Xiaomin; Cai, Zhiqiang; Zhao, Xinyu; Chen, Yujie; Zhang, Qian; Ma, Ziwei; Hu, Junjie; Sun, Tao; Hu, Shaoqiang  
**Source title:** Chromatographia
- 10. Accession number:** 20242616384696  
**Title:** Amphiphilic Star-Shaped Calix[4]resorcinarene as Stationary Phase for Capillary Gas Chromatography  
**Authors:** Sun, Tao; Li, Bin; Li, Yan; Zhao, Xinyu; Song, Qianqian; Jiang, Xingxing; Shuai, Xiaomin; Li, Youyang; Cai, Zhiqiang; Hu, Shaoqiang  
**Source title:** Chromatographia
- 11. Accession number:** 20242616364033  
**Title:** A Bromine-Terminated Triblock Copolymer (Br-PCL-PDMS-PCL-Br) as the Stationary Phase for Gas Chromatography Analysis  
**Authors:** Chen, Ruonan; Cai, Zhiqiang; Huang, Qiuchen; Li, Wei; Zhang, Wei; Zhao, Yi; Jin, Keyun; Li, Yiwen; Sun, Tao  
**Source title:** Chromatographia
- 12. Accession number:** 20243416920642  
**Title:** Insight into the aminosilane functionalized-montmorillonite/Pebax mixed matrix membranes with selectively fast gas transport channels for CO<sub>2</sub> permeation  
**Authors:** Jiang, Yu ; Wu, Yonghong ; Zhang, Bing  
**Source title:** Colloids and Surfaces A: Physicochemical and Engineering Aspects
- 13. Accession number:** 20242616309114  
**Title:** Preparation and characterization of PVDF/CaCO<sub>3</sub> composite membranes etched by hydrochloric acid  
**Authors:** Bei, Pengzhi; Liu, Hongjing; Yao, Hui; Hu, Aijun; Sun, Yong; Guo, Liying  
**Source title:** Environmental Science and Pollution Research
- 14. Accession number:** 20242616401972  
**Title:** Constructing a composite microfiltration carbon membrane by TiO<sub>2</sub> and Fe<sub>2</sub>O<sub>3</sub> for efficient separation of oil - water emulsions  
**Authors:** Zhang, Bing ; Peng, Yao ; Yao, Yanhu ; Hong, Xueqian ; Wu, Yonghong  
**Source title:** Environmental Science and Pollution Research

- 15. Accession number:** 20242616362943  
**Title:** Preparation and characterization of polyimide membranes modified by a task-specific ionic liquid based on Schiff base for CO<sub>2</sub>/N<sub>2</sub> separation  
**Authors:** Bei, Pengzhi ; Liu, Hongjing ; Zhang, Ying ; Gao, Yingjia ; Cai, Zhiqiang ; Chen, Yanming  
**Source title:** Environmental Science and Pollution Research
- 16. Accession number:** 20242616396230  
**Title:** Advances in diversified application of pillar[n]arenes  
**Authors:** Guo, Liying ; Du, Jinghua ; Wang, Yirong ; Shi, Kaiyu ; Ma, Enqing  
**Source title:** Journal of Inclusion Phenomena and Macrocyclic Chemistry
- 17. Accession number:** 20243416893033  
**Title:** Multiple "hot exciton" channel molecular design in organic electroluminescence materials: A theoretical investigation  
**Authors:** Pan, Yuyu; Guo, Yao; Zhao, Mei; Li, Chang; Yang, Bing  
**Source title:** Materials Advances

(十二) 其他: 未注明学院 (9 篇)

- 1. Accession number:** 20242616314846  
**Title:** Study on the tribological performance of self-lubricating thrust ball bearings with different embedded features  
**Authors:** Liu, Ruifeng ; Zhang, Yimin  
**Source title:** Industrial Lubrication and Tribology
- 2. Accession number:** 20242916714633  
**Title:** Adaptive variable impedance force/position hybrid control for large surface polishing  
**Authors:** Zhu, Zhixu ; Zhang, Hualiang ; Liu, Guanghui ; Zhang, Dongyang  
**Source title:** Industrial Robot
- 3. Accession number:** 20243116781618  
**Title:** Multi-robot Cooperative Brain-inspired SLAM  
**Authors:** Zhao, Hangpiao ; Xu, Jianjun ; Li, Tao ; Tang, Fengzhen  
**Source title:** Jiqiren/Robot
- 4. Accession number:** 20243116796973  
**Title:** Amplification effect and influencing factors of rebound-collision impact amplifier  
**Authors:** Shi, Ye ; Lei, Lei ; Yan, Ming ; Gu, Xiping  
**Source title:** JVC/Journal of Vibration and Control
- 5. Accession number:** 20242616394900  
**Title:** Low-nitrite generation Cu - Co/Ti cathode materials for electrochemical nitrate reduction  
**Authors:** Li, Dan ; Gao, Weichun ; Geng, Cong ; Meng, Jing ; Guan, Yinyan ; Liang, Jiyan ; Zhang, Libao  
**Source title:** Environmental Science and Pollution Research

- 6. Accession number:** 20243616981544  
**Title:** All-optical General RS Flip-flop and Clocked RS Flip-flop Based on Cascaded PPLN Waveguides  
**Authors:** Shen, Jing ; Feng, Yujuan  
**Source title:** IEEE Journal of Quantum Electronics
- 7. Accession number:** 20243516933290  
**Title:** Adaptive Drug Delivery to Control Mean Arterial Blood Pressure by Reinforcement Fuzzy Q-learning  
**Authors:** Zhang, Rui ; Li, Zhichun ; Pan, Xingzheng ; Ma, Zejun ; Dai, Ying ; Mohammadzadeh, Ardashir ; Zhang, Chunwei  
**Source title:** IEEE Sensors Journal
- 8. Accession number:** 20243416902989  
**Title:** Current Limit Transfer and Recovery Characteristics of Resistive-Inductive Type Superconducting Fault Current Limiters  
**Authors:** Xiang, Bin ; Tang, Zhengquan ; Junaid, Muhammad ; Gao, Lei ; Zhang, Qi ; Yuan, Zhongbin ; Wang, Dongyu ; Liu, Zhiyuan ; Geng, Yingsan ; Wang, Jianhua  
**Source title:** IEEE Transactions on Applied Superconductivity
- 9. Accession number:** 20243817072648  
**Title:** Rolling Bearing Fault Detection Using Domain Adaptation-Based Anomaly Detection  
**Authors:** Qin, Liantong  
**Source title:** International Journal on Artificial Intelligence Tools

## 二、2024年第三季度 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 (3 篇)

1. **Accession number:** 20243717014021

**Title:** Research on Assembly Precedence Graph Modeling Method for High-end Equipment

**Authors:** Jia, Longquan; Wang, Junyi; Cao, Runan; Xu, Zhigang; Sun, Deyuan

**Source title:** ACM International Conference Proceeding Series

2. **Accession number:** 20243116776984

**Title:** Dynamic Synovial Control Method of Four-Cable-Driven Parallel Robot Based on Interference Observer

**Authors:** Zhang, Ke; Xu, Jiabao; Tong, Shenghao; Shi, Huaitao; Duo, Zhiqiang; He, Cai

**Source title:** Lecture Notes in Electrical Engineering

3. **Accession number:** 20243516935432

**Title:** Experimental and Numerical Simulation on Formability and Failure Behavior of Thermoplastic Carbon Fiber/AL Composite Laminates

**Authors:** Sun, Chen; Dai, Minghua; Ying, Liang; Du, Kai; Chen, Zhigang; Hu, Ping

**Source title:** Lecture Notes in Electrical Engineering

### (二) 材料科学与工程学院 (1 篇)

1. **Accession number:** 20242816696990

**Title:** Influence of Wire Feeding Speed on the Morphology and Properties of Stainless Steel Laser Welding Joints

**Authors:** Liu, Shuai; Luo, Ziyi; Liu, Weiqing; Wang, Yuzheng; Cai, Detao

**Source title:** Journal of Physics: Conference Series

(三) 电气工程学院 (32 篇)

1. **Accession number:** 20243616976553  
**Title:** Optimal allocation of multi-objective self-provisioning power supply based on particle swarm optimization  
**Authors:** Liu, Hengyu; Sun, Jiazheng; Hu, Dawei; Wang, Haomiao; Pan, Yongchao; Song, Lei; Chen, Shihong; Liu, Yang  
**Source title:** 2024 3rd International Conference on Energy, Power and Electrical Technology, ICEPET 2024
2. **Accession number:** 20243116785845  
**Title:** Capture Effect of Internal Pull-hole Particle Trap in DC GIL  
**Authors:** Hui, Yongfeng; Ye, Sanpai; Yang, Yi; Xing, Enyang; Li, Xiangwei; Ji, Yongning  
**Source title :** 2024 7th International Conference on Advanced Algorithms and Control Engineering, ICAACE 2024
3. **Accession number:** 20243016740351  
**Title:** Analysis of Bearing Electro-erosion under Different Speeds  
**Authors:** Chen, Dezhi; Zhang, Zhixiang; Zhang, Guozhen; Hu, Jiaming  
**Source title :** 2024 IEEE 10th International Power Electronics and Motion Control Conference, IPEMC 2024 ECCE Asia
4. **Accession number:** 20243016740537  
**Title:** Research on the Switch Reuse Dual Buck/Boost-DAB Four-Port DC/DC Converter  
**Authors:** Chen, Dezhi; Yang, Zhaoning  
**Source title :** 2024 IEEE 10th International Power Electronics and Motion Control Conference, IPEMC 2024 ECCE Asia
5. **Accession number:** 20243016740537  
**Title:** Optimization Strategy of Hybrid Cascade On-Load Tap Changer Positions Based on Ant Colony Algorithm  
**Authors:** Chen, Dezhi; Li, Boqiao  
**Source title :** 2024 IEEE 10th International Power Electronics and Motion Control Conference, IPEMC 2024 ECCE Asia
6. **Accession number:** 20243216802736  
**Title:** Short circuit current zero crossing prediction method based on gated cycle unit  
**Authors:** Wang, Meng; Cai, Zhiyuan; Jiang, Xingwei  
**Source title :** 2024 IEEE 4th International Conference on Electronic Technology, Communication and Information, ICETCI 2024
7. **Accession number:** 20243016734277  
**Title:** Analytical Calculation Model for Inductance of Brushless DC Motor Under Bearing Fault  
**Authors:** Chen, Guangan; Zhang, Bo; Dong, Ting; Ma, Sheng; Huang, Haoran  
**Source title :** 2024 IEEE International Magnetic Conference - Short Papers, INTERMAG Short Papers 2024 - Proceedings
8. **Accession number:** 20243016734352  
**Title:** Characteristics of Losses in Composite Material Transformer Cores  
**Authors:** Chen, Taiyi; Zhang, Bo; Dong, Ting; Ma, Sheng; Zhang, Miao

**Source title :** 2024 IEEE International Magnetic Conference - Short Papers, INTERMAG Short Papers 2024 - Proceedings

**9. Accession number:** 20243016734359

**Title:** Vibration Analysis of Permanent Magnet Linear Synchronous Motor Considering Force-Magnetic Coupling

**Authors:** Ji, Bowen; Zhang, Bo; Dong, Ting; Fu, Renjie; Feng, Wei

**Source title :** 2024 IEEE International Magnetic Conference - Short Papers, INTERMAG Short Papers 2024 - Proceedings

**10. Accession number:** 20243016734468

**Title:** Characteristics of Normal Magnetic Flux in Composite Materials Transformer Core

**Authors:** Jiang, Bin; Zhang, Bo; Dong, Ting; Ma, Sheng; Zhang, Miao

**Source title :** 2024 IEEE International Magnetic Conference - Short Papers, INTERMAG Short Papers 2024 - Proceedings

**11. Accession number:** 20243016734493

**Title:** Effect of Magnetostriction on the Vibrations of Permanent Magnet Linear Synchronous Motors

**Authors:** Fu, Renjie; Zhang, Bo; Dong, Ting; Feng, Wei; Ji, Bowen

**Source title :** 2024 IEEE International Magnetic Conference - Short Papers, INTERMAG Short Papers 2024 - Proceedings

**12. Accession number:** 20243717012308

**Title:** The development of intelligent and safe power management system

**Authors:** Li, Wenwen; Zhao, Hongbo; Zhang, Qirui; Zhang, Qingqing; Sun, Mohan; Han, Xingfan

**Source title :** ACM International Conference Proceeding Series

**13. Accession number:** 20243116795435

**Title:** Grounding Current Mechanism of Converter Transformer Core and Clamp

**Authors:** Bai, Haonan; Chen, Dezhi; Zhao, Guoxin; Zhou, Xiu; Xin, Ziyuan; Zheng, Xiaofeng

**Source title :** CEFC 2024 - 21st IEEE Biennial Conference on Electromagnetic Field Computation

**14. Accession number:** 20243116795445

**Title:** Calculation of Iron Loss in Soft Magnetic Composites Using Neural Network-Based Dynamic Hysteresis Model Under SVPWM Excitation

**Authors:** Jing, Ying; Zhang, Yanli; Zhang, Dianhai; Zhu, Jianguo

**Source title :** CEFC 2024 - 21st IEEE Biennial Conference on Electromagnetic Field Computation

**15. Accession number:** 20243116795453

**Title:** Study on Transformer Electric Field in Different Degrees of Insulation Aging Considering Temperature Effects

**Authors:** Chen, Dezhi; Wang, Sijun; Song, Jiangxiong; Bai, Haonan; Chang, Xianghui; Xin, Ziyuan

**Source title :** CEFC 2024 - 21st IEEE Biennial Conference on Electromagnetic Field Computation

**16. Accession number:** 20243116795476

**Title:** Study on Transformer Core Vibration Noise Based on Low-Noise Electrical Steel Sheets

**Authors:** Xin, Ziyuan; Chen, Dezhi

**Source title :** CEFC 2024 - 21st IEEE Biennial Conference on Electromagnetic Field Computation

**17. Accession number:** 20243116795513

**Title:** An Improved Thermodynamic Hysteresis Model for Electrical Steel Using Minimum of Magnetic Domain Energy to Compute Anhysteresis Magnetization

**Authors:** Wu, Xin; Zhang, Yanli; Jing, Ying; Koh, Chang Seop

**Source title :** CEFC 2024 - 21st IEEE Biennial Conference on Electromagnetic Field Computation

**18. Accession number:** 20243116795563

**Title:** Modeling of Magnetic Properties of Silicon Steel Sheets under DC Bias based on Multi-Scale Dynamic Jiles-Atherton Model

**Authors:** Feng, Chao; Zhang, Yanli; Jing, Ying; Koh, Chang Seop

**Source title :** CEFC 2024 - 21st IEEE Biennial Conference on Electromagnetic Field Computation

**19. Accession number:** 20243116795685

**Title:** Design of Anode Saturable Reactor Core Based on Electromagnetic-Thermal Simulation and Neural Network Modeling

**Authors:** Yuan, Jiaxin; Li, Xuzhe; Zhou, Hang; Wang, Yifan; Mo, Zuoquan; Zhang, Yanli; Gao, Yanhui; Muramatsu, Kazuhiro

**Source title :** CEFC 2024 - 21st IEEE Biennial Conference on Electromagnetic Field Computation

**20. Accession number:** 20243616987687

**Title:** Analysis of Breaking Characteristics of C4F7N/CO<sub>2</sub> Mixture Gas in Circuit Breaker

**Authors:** Li, X.L.; Liu, L.; Wang, W.; Lin, X.; Geng, Z.X.; Guo, D.Y.

**Source title:** IEEE International Conference on Plasma Science

**21. Accession number:** 20242716604564

**Title:** Molecular dynamics simulation of C4F7N/CO<sub>2</sub> mixed insulating gas

**Authors:** Zu, Hongpeng; Lin, Xin; Chen, Kai

**Source title:** Journal of Physics: Conference Series

**22. Accession number:** 20243016760762

**Title:** Research on Winding Dynamic Force and Displacement of Winding in Interturn Short Circuit of Stereo Roll Iron Core Transformer

**Authors:** Chang, Xianghui; Chen, Dezhi; Zhao, Peng; Gao, Youhua

**Source title:** Journal of Physics: Conference Series

**23. Accession number:** 20243016760813

**Title:** The calculation of rail potential considering stray current

**Authors:** Yan, Jie; Bai, Enming; Xu, Jianyuan

**Source title:** Journal of Physics: Conference Series

**24. Accession number:** 20243016761060

**Title:** Study on Breakdown Characteristics and Attenuation Characteristics of Air Mixed Gas

**Authors:** Yu, Sinan; Lin, Xin; Zhang, Bo; Zhao, Yanzhe



- Source title:** Journal of Physics: Conference Series
- 25. Accession number:** 20243216810261  
**Title:** Calculation and Analysis of AC Loss in Variable-section Hairpin Windings for Traction Motors of Electric Vehicles  
**Authors:** Wang, Hongze; Ju, Xiaowei; Zhang, Fengge  
**Source title:** Proceedings of 2024 IEEE 7th International Electrical and Energy Conference, CIEEC 2024
- 26. Accession number:** 20243216810729  
**Title:** Current Harmonic Suppression at Low Switching Frequency of High-Speed Permanent Magnet Motor Based on Decoupling Control  
**Authors:** Jin, Shi; Du, Jianing; Sun, Peng; Wang, Bo  
**Source title:** Proceedings of 2024 IEEE 7th International Electrical and Energy Conference, CIEEC 2024
- 27. Accession number:** 20243216810987  
**Title:** Thermal Analysis and In-Slot Cooling Design of Variable-Section Hairpin Winding Traction Motor for EV Based on Lumped Parameter Thermal Network  
**Authors:** Zhang, Lichun; Ju, Xiaowei; Zhang, Fengge  
**Source title:** Proceedings of 2024 IEEE 7th International Electrical and Energy Conference, CIEEC 2024
- 28. Accession number:** 20243216830139  
**Title:** Sensor design and signal decoupling algorithm based on conductive hydrogel  
**Authors:** Bai, Dianchun; Wang, Yanyun; Hiroshi, Yokoi  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 29. Accession number:** 20243216833351  
**Title:** Open direct drive wind turbine virtual simulation experiment system  
**Authors:** Zhao, Deren; Li, Wenwen; Wan, Jia; Yu, Changle; Zhang, Su; Luo, Shimao  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 30. Accession number:** 20243216820776  
**Title:** Position Control of X-Y Precision Motion Stage Based on Iterative Learning and Model Prediction  
**Authors:** Zhang, Guopeng; Zhang, Tao; Li, Qingxin; Chen, Li; Zhang, Hualiang; Fang, Jingzhe; Zhang, Yiqiang  
**Source title:** Proceedings of the 36th Chinese Control and Decision Conference, CCDC 2024
- 31. Accession number:** 20243216820821  
**Title:** Generative Domain Generalization Network based on Local Maximum Mean Discrepancy for Bearing Fault Diagnosis of Wind Turbine  
**Authors:** Wang, Qisen; Zhang, Yuxian; Qiao, Likui  
**Source title:** Proceedings of the 36th Chinese Control and Decision Conference, CCDC 2024
- 32. Accession number:** 20243216821235  
**Title:** Research on Emotion Prediction Based on Emotional Changes in Dialogue Scenarios  
**Authors:** Li, Yong; Zhang, Haixiao; Xu, Wendong  
**Source title:** Proceedings of the 36th Chinese Control and Decision Conference, CCDC 2024

(四) 信息科学与工程学院 (12 篇)

1. **Accession number:** 20242716656221  
**Title:** Aerial Image Matching Algorithm Based on Edge Boxes  
**Authors:** Fang, Qunzhong; Xu, Baoshu; Zhang, Chengshuo; Jin, Shiyang  
**Source title :** 2024 7th International Conference on Advanced Algorithms and Control Engineering, ICAACE 2024
2. **Accession number:** 20243416888710  
**Title:** RF Transceiver Wireless Design for Embedded Vehicle of Controller Area Network Bus Applications  
**Authors:** Lai, Wen-Cheng; Hsieh, Hsiang-Yang; Lin, Ren-Jie; Jian, Ren; Wei, Kai-Jun; Hsu, Shao-Huai  
**Source title :** 2024 IEEE 4th International Conference on Electronic Communications, Internet of Things and Big Data, ICEIB 2024
3. **Accession number:** 20242716655925  
**Title:** A Compact Dual-Band Circularly Polarized Stacked Patch Antenna for GNSS Application  
**Authors:** Liang, Y.L.; Zhang, C.; Xing, L.  
**Source title :** 2024 IEEE International Conference on Computational Electromagnetics, ICCEM 2024 - Proceedings
4. **Accession number:** 20243216814888  
**Title:** RumorSAGE: Semantic Augmentation Graph for Early Rumor Detection  
**Authors:** Yang, Chang; Yu, Xia; Wu, Jiayi; Xue, Dan; Duan, Yong  
**Source title:** ACM International Conference Proceeding Series
5. **Accession number:** 20243216824907  
**Title:** Focal plane imaging system based on CMOS terahertz detector  
**Authors:** Lin, Yue; Zhang, Hui; Qi, Feng; Liu, Zhaoyang; Wang, Guanwen; Wang, Ningbo  
**Source title:** Journal of Physics: Conference Series
6. **Accession number:** 20243516956668  
**Title:** RNN with attentional feedback predicts early acute kidney injury  
**Authors:** Liu, Xueping; Zhang, Jiahui; Ding, Silu; Bai, Shi; Zhao, Guiping; Liu, Xingya  
**Source title :** Proceedings - 2024 4th Asia-Pacific Conference on Communications Technology and Computer Science, ACCTCS 2024
7. **Accession number:** 20243516969294  
**Title:** Lidar-Inertial and Downward Vision Based Mobile Robot SLAM in Digital Workshops  
**Authors:** Zhang, Yanchao; Geng, Hao; Liu, Bin; Zhang, Yinlong; Yuan, Xudong; Zhang, Sichao  
**Source title :** Proceedings of 2024 IEEE 13th Data Driven Control and Learning Systems Conference, DDCLS 2024
8. **Accession number:** 20243216819937  
**Title:** Annular gap width measurement based on sub-pixel edge fitting  
**Authors:** Zhang, Jiawei; Xu, Yongli; Liu, Mingyang; Liu, Yufeng; Du, Guangrong  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
9. **Accession number:** 20243216828213

- Title:** Fast wafer detection algorithm based on YOLOv5s  
**Authors:** Yu, Xia; Zhang, Ziyou; Wei, Dong  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 10. Accession number:** 20243216829848  
**Title:** Research on multisensor fusion UAV sensing strategy based on forest information collection  
**Authors:** Du, Kang; Song, Dalei  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 11. Accession number:** 20243617007953  
**Title:** Research on track personnel intrusion detection algorithm based on YOLOv5  
**Authors:** Xu, Zhan; Wang, Qian; Che, Xintong; Yang, Xinru  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 12. Accession number:** 20243216839594  
**Title:** Design of Coordinated Path Tracking Controller for Underactuated Multiple Unmanned Ships  
**Authors:** Wang, Yiyang; Zhang, Yi; Wang, Chenqi  
**Source title:** Proceedings of the 3rd Conference on Fully Actuated System Theory and Applications, FASTA 2024

#### (五) 理学院 (3 篇)

- 1. Accession number:** 20243216820642  
**Title:** Consensus Control for a Class of Feedforward Nonlinear Multi-Agent Systems  
**Authors:** Zhou, Lei; Bao, Adiya; Wang, Zhanxiu; Su, Xiaoming; Li, Huanhuan  
**Source title:** Proceedings of the 36th Chinese Control and Decision Conference, CCDC 2024
- 2. Accession number:** 20243216839386  
**Title:** Preview tracking control of the SIR Model with saturation incidence rate  
**Authors:** Wang, Chenqi; Li, Yuan; Zhang, Yi  
**Source title:** Proceedings of the 3rd Conference on Fully Actuated System Theory and Applications, FASTA 2024
- 3. Accession number:** 20243216839594  
**Title:** Design of Coordinated Path Tracking Controller for Underactuated Multiple Unmanned Ships  
**Authors:** Wang, Yiyang; Zhang, Yi; Wang, Chenqi  
**Source title:** Proceedings of the 3rd Conference on Fully Actuated System Theory and Applications, FASTA 2024

(六) 软件学院 (5 篇)

1. **Accession number:** 20243016749187  
**Title:** Construction of Word Semantic Knowledge Graph in the Domain of Ancient Chinese Poetry  
**Authors:** Shao, Zhong; Sun, Yanjie  
**Source title:** 2024 5th International Seminar on Artificial Intelligence, Networking and Information Technology, AINIT 2024
2. **Accession number:** 20243516937319  
**Title:** Research on Warehouse Image Instance Segmentation Method Based on Enhanced Mask R-CNN  
**Authors:** Wang, Zhibo; Yang, Deguo  
**Source title:** ACM International Conference Proceeding Series
3. **Accession number:** 20242816681721  
**Title:** Optimization of Milling Robot Trajectory Based on Whale Optimization Algorithm  
**Authors:** Zhou, Yang; Li, Qingxin; Sun, Yong  
**Source title:** Lecture Notes in Electrical Engineering
4. **Accession number:** 20243216833776  
**Title:** Knowledge graph self-supervised contrastive learning for recommendation  
**Authors:** Wang, Shuhan; Jiang, Yan; Chen, Liang; Lu, Jiase  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
5. **Accession number:** 20243717012193  
**Title:** Research on quality prediction of resistance spot welding based on knowledge graph  
**Authors:** Zhang, Zhen; Jiang, Yan  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering

(七) 人工智能学院 (12 篇)

1. **Accession number:** 20243216844000  
**Title:** Research on bearing fault diagnosis based on multi-scale convolutional neural networks  
**Authors:** Shu, Caijuan; Zang, Chuanzhi  
**Source title :** 2024 5th International Conference on Computer Vision, Image and Deep Learning, CVIDL 2024
2. **Accession number:** 20243216844005  
**Title:** Improved Small Target Detection Algorithm Based on SSD  
**Authors:** Hu, Yue; Zhang, Quan  
**Source title :** 2024 5th International Conference on Computer Vision, Image and Deep Learning, CVIDL 2024
3. **Accession number:** 20243216805633  
**Title:** Short-term wind speed combination prediction model based on multiple models  
**Authors:** Feng, Guokui; Tian, Zhongda  
**Source title:** ACM International Conference Proceeding Series
4. **Accession number:** 20243216805636  
**Title:** Research on Road Congestion Prediction Algorithm Based on Optimized BiLSTM  
**Authors:** Feng, Yong; Chen, Li  
**Source title:** ACM International Conference Proceeding Series
5. **Accession number:** 20243216805687  
**Title:** Fault Diagnosis of Sucker Rod Pump Based on Contourlet Transform Feature Extraction  
**Authors:** Sun, Jiabao; Wei, Jingliang; Tian, Zhongda  
**Source title:** ACM International Conference Proceeding Series
6. **Accession number:** 20243817058978  
**Title:** Measurement Method for External Thread Parameters Based on Machine Vision  
**Authors:** Li, Changwei; Zhang, Zhijia; Zhang, Yingkang  
**Source title:** ACM International Conference Proceeding Series
7. **Accession number:** 20243617007931  
**Title:** Surface segmentation method based on multi-feature fusion for regionally grown workpiece point clouds  
**Authors:** Zhao, Haoxi; Zhang, Zhijia; Wang, Hongyu  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
8. **Accession number:** 20243617008155  
**Title:** Video extensometry measurement method for materials with large deformations  
**Authors:** Shi, Haoran; Zhang, Zhijia; Yang, Minmin  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
9. **Accession number:** 20243717011157  
**Title:** A method of lane alignment restoration based on resnet network with fan-grid data characteristics  
**Authors:** Yu, Yicheng; Sun, Ping  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering

- 10. Accession number:** 20243216820776  
**Title:** Position Control of X-Y Precision Motion Stage Based on Iterative Learning and Model Prediction  
**Authors:** Zhang, Guopeng; Zhang, Tao; Li, Qingxin; Chen, Li; Zhang, Hualiang; Fang, Jingzhe; Zhang, Yiqiang  
**Source title:** Proceedings of the 36th Chinese Control and Decision Conference, CCDC 2024
- 11. Accession number:** 20243216821414  
**Title:** Survey on TCP Congestion Control in Ad Hoc Wireless Networks  
**Authors:** Cao, Chongnan; Tian, Zhongda  
**Source title:** Proceedings of the 36th Chinese Control and Decision Conference, CCDC 2024
- 12. Accession number:** 20243717037052  
**Title:** Oilfield Staff Workwear Detection and Monitoring System  
**Authors:** Guo, Yuting; Zhang, Zhijia; Liu, YunPeng; Wang, Shixian  
**Source title:** Smart Innovation, Systems and Technologies

(八) 化工过程自动化学院 (1 篇)

- 1. Accession number:** 20243316886329  
**Title:** Analysis of Current Status of Monitoring and Maintenance Technology for Offshore Floating Wind Power Platforms  
**Authors:** Wang, Weihai; Xiao, Jinchao; Wei, Sanxi; Gao, Cheng; Liu, Jihai; Zou, Fushun  
**Source title:** 2024 5th International Conference on Computer Engineering and Application, ICCEA 2024

(九) 化工装备学院 (2 篇)

- 1. Accession number:** 20242716565786  
**Title:** The influence of plasma arc composite laser welding parameters on aluminum alloy weld seam weld penetration  
**Authors:** Wu, Xiaocui; Liu, Changjun; Liu, Jian  
**Source title:** Journal of Physics: Conference Series
- 2. Accession number:** 20243316884915  
**Title:** Preparation and autocatalytic properties of CNTs/Co<sub>3</sub>O<sub>4</sub>/AP Core-shell composite energetic materials  
**Authors:** Li, Linpeng; Ba, Shuhong  
**Source title:** Journal of Physics: Conference Series

(十) 其他: 未注明学院 (19 篇)

1. **Accession number:** 20243016749143  
**Title:** Application of YOLO Model in Road Defect Detection  
**Authors:** Bao, Hongxin; Wu, Wenjie; Yu, Jianan; Cao, Ying; Liu, Yiyu; Zhang, Haoran; Li, Xu; Shi, Wensheng  
**Source title:** 2024 5th International Seminar on Artificial Intelligence, Networking and Information Technology, AINIT 2024
2. **Accession number:** 20242616318054  
**Title:** Stability Analysis and Control Strategy for Multi-Machine Parallel System with Grid-Forming Inverters  
**Authors:** Xu, Haisheng; Ding, Xiying; Xu, Jun; Le, Xuan  
**Source title:** 2024 6th Asia Energy and Electrical Engineering Symposium, AEEES 2024
3. **Accession number:** 20243016734830  
**Title:** Fast Tactile Paving Segmentation Model Based on Reparameterized Structure  
**Authors:** Niu, Lianqiang; Bao, Han  
**Source title:** ACM International Conference Proceeding Series
4. **Accession number:** 20243717012114  
**Title:** An Improved Method for Dynamic Taint Analysis  
**Authors:** Zhong, Ling; Shengguo, E.; Lin, Shibo; Li, Shuo  
**Source title:** ACM International Conference Proceeding Series
5. **Accession number:** 20243717012333  
**Title:** Optimal economic dispatch model of distribution network considering coordination of multiple controllable loads  
**Authors:** Liu, Mingjia; Teng, Yun  
**Source title:** ACM International Conference Proceeding Series
6. **Accession number:** 20243717012334  
**Title:** Coordinated scheduling strategy for power grid's new energy generation output and load regulation characteristics  
**Authors:** Zhang, Shaodong; Teng, Yun; Li, Zifeng; Li, Ziwei  
**Source title:** ACM International Conference Proceeding Series
7. **Accession number:** 20243116795657  
**Title:** Magnetostriction Model of Electrical Steel Sheet Considering Temperature Gradient  
**Authors:** Wang, Zhen; Fan, Zheming; Zhang, Yanli; Ren, Ziyang; Chen, Dezhi; Koh, Chang Seop  
**Source title:** CEFC 2024 - 21st IEEE Biennial Conference on Electromagnetic Field Computation
8. **Accession number:** 20243116795729  
**Title:** Study of Magnetostrictive Characteristics Based on Dynamic J-A Model under DC Bias  
**Authors:** Wang, Zhen; Fan, Zheming; Zhang, Yanli; Ren, Ziyang; Chen, Dezhi; Koh, Chang Seop  
**Source title:** CEFC 2024 - 21st IEEE Biennial Conference on Electromagnetic Field Computation

- 9. Accession number:** 20243016767442  
**Title:** Detecting Continuous High-frequency Oscillations in Intracranial EEG from Patients with Epilepsy  
**Authors:** Li, Chunsheng; Xia, Enzhi  
**Source title :** CIVEMSA 2024 - IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications, Proceedings
- 10. Accession number:** 20243717023954  
**Title:** A Two-Stage Monocular Vision Detection Method for 6D Pose Estimation in Multi-Heterogeneous Robot Systems  
**Authors:** Shan, Bo; Zhao, Donghui; Yang, Junyou; Liu, Houde  
**Source title:** Journal of Physics: Conference Series
- 11. Accession number:** 20242616507387  
**Title:** Scenic buildings Recognition Based on MobileNetV1 Network and Transfer Learning  
**Authors:** Feng, Haiwen; Fan, Fan  
**Source title:** Proceedings - 2023 4th International Conference on Computer, Big Data and Artificial Intelligence, ICCBD+AI 2023
- 12. Accession number:** 20243216828209  
**Title:** Lightweight Lswin Transformer fusion steel surface model defect detection method research  
**Authors:** Wu, Fangxu; Gong, Yishan  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 13. Accession number:** 20243216829860  
**Title:** Lumbar disc herniation typing method based on double-branch fusion and multiscale attention  
**Authors:** Zhang, Zongming; Shao, Hong  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 14. Accession number:** 20243216830285  
**Title:** PLE-GAN: Pseudo-label enhanced generative adversarial networks for medical image classification  
**Authors:** Zhou, Yang; Shao, Hong  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 15. Accession number:** 20243216830314  
**Title:** Polyp image segmentation based on HarDNetV2 and attention mechanism  
**Authors:** Yang, Long; Cui, Wencheng  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 16. Accession number:** 20243216830371  
**Title:** Combine deep learning and LKH algorithm to solve multiconstraint tourism planning  
**Authors:** Zhong, Ling; Lin, Shibo  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 17. Accession number:** 20243216833349  
**Title:** A patent quality evaluation model based on ALBERT and BiGRU  
**Authors:** Zhang, Yijiang; Zhang, Shengnan; Mu, Jinyu  
**Source title:** Proceedings of SPIE - The International Society for Optical Engineering
- 18. Accession number:** 20243717012205



**Title:** Path planning for AGVs based on a hybrid particle swarm optimization and ant colony optimization algorithm

**Authors:** Zhou, Yunying; Jiang, Yan

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

**19. Accession number:** 20243216821064

**Title:** Research on Traffic Modeling Based on Integrated In-Queue Shaping

**Authors:** Li, Haoyong; Yuan, Xudong; Zhang, Sichao; Yang, Deguo

**Source title:** Proceedings of the 36th Chinese Control and Decision Conference, CCDC 2024