

2023 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

2023 年 9 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2023 年 7 月 1 日至 2023 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。

联系人：刘英煜 商璐

联系电话：25496607

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一、2023 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 (35 篇)

1. **Accession number:** 20233714727920
Title: Surface Modification of Porous Titanium and Titanium Alloy Implants Manufactured by Selective Laser Melting: A Review
Authors: Liu, Weijun ; Li, Wanqiu ; Wang, Huiru ; Bian, Hongyou ; Zhang, Kai
Source title: Advanced Engineering Materials
2. **Accession number:** 20233914813339
Title: A novel approach for cross-subject unfavorable driving state detection by cooperation between phase-based functional connectivity and convolutional neural network
Authors: Chen, Jichi ; Wang, Hong ; He, Enqiu
Source title: Biomedical Signal Processing and Control
3. **Accession number:** 20233814751174
Title: Performance analysis of an isothermal piston in the case of air compression
Authors: Ren, Teng ; Xu, Wei-Qing ; Jia, Guan-Wei ; Cai, Mao-Lin
Source title: Case Studies in Thermal Engineering
4. **Accession number:** 20233414620985
Title: A Transfer Learning-Based CNN Deep Learning Model for Unfavorable Driving State Recognition
Authors: Chen, Jichi ; Wang, Hong ; He, Enqiu
Source title: Cognitive Computation
5. **Accession number:** 20233814768789
Title: In-plane nonlinear postbuckling and buckling analysis of Lee's frame using absolute nodal coordinate formulation
Authors: Shaukat, Abdur Rahman ; Lan, Peng ; Wang, Jia ; Wang, Tengfei ; Lu, Nianli
Source title: Curved and Layered Structures
6. **Accession number:** 20233814752989
Title: Explainable molecular simulation and machine learning for carbon dioxide adsorption on magnesium oxide
Authors: Yu, Honglei ; Wang, Dexi ; Li, Yunlong ; Chen, Gong ; Ma, Xueyi
Source title: Fuel
7. **Accession number:** 20233914802620
Title: Molecular Dynamics Simulation of Tribological Properties of Carbon Nanotubes Reinforced Polyetheretherketone/Polytetrafluoroethylene Composites
Authors: Zhang, Qian ; Tang, Henan ; Wang, Yan
Source title : Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering
8. **Accession number:** 20233914805519
Title: RESEARCH ON THE MECHANISM OF REBOUND COLLISION SHOCK AMPLIFIER
Authors: Wu, Shuang-Shuang ; Jin, Ying-Li ; Yan, Ming ; Gu, Xi-Ping
Source title: Gongcheng Lixue/Engineering Mechanics
9. **Accession number:** 20232414248809

Title: Bolt loosening characteristics based on change of slip-adhesion contact state under shear load

Authors: Wang, Kaiping ; Yan, Ming ; Su, Donghai ; Sun, Ziqiang

Source title: Hangkong Dongli Xuebao/Journal of Aerospace Power

10. Accession number: 20232814374570

Title: Control of dendrite epitaxial growth and microstructure characteristics of laser deposition repaired DD5 alloy

Authors: Bian, Hongyou ; Xu, Xiaowen ; Liu, Weijun ; Wang, Wei ; Xing, Fei ; Wang, Huiru

Source title: Hongwai yu Jiguang Gongcheng/Infrared and Laser Engineering

11. Accession number: 20232614323423

Title: Effect of spot overlapping rate on surface area carbon and oxide cleaning quality of GH3030 alloy

Authors: Wang, Wei ; Wang, Xiaoyu ; Liu, Weijun ; Xing, Fei ; Wang, Jing

Source title: Hongwai yu Jiguang Gongcheng/Infrared and Laser Engineering

12. Accession number: 20232814386029

Title: Closed Loop Control of Melt Pool Width in Laser Directed Energy Deposition Process Based on PSO-LQR

Authors: Miao, Liguó ; Xing, Fei ; Chai, Yuanxin ; Miao, Liguó

Source title: IEEE Access

13. Accession number: 20233914779078

Title: Knowledge-Based Lot-Splitting Optimization Method for Flexible Job Shops Considering Energy Consumption

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

Source title: IEEE Transactions on Automation Science and Engineering

14. Accession number: 20233214503763

Title: Global Polynomial Stabilization of Impulsive Neural Networks With Bidirectional Proportional Delays

Authors: Zhou, Liqun ; Zhao, Zhixue ; Zhu, Quanxin ; Zhou, Rui ; Huang, Tingwen

Source title: IEEE Transactions on Network Science and Engineering

15. Accession number: 20233214496336

Title: Experiments and analysis for accurate controlling of an ultra-microvolume adhesive droplet in dispensing

Authors: Liu, Huifang ; Zhao, Dingrui ; Chen, Xi ; Chang, Yunlong ; Yu, Xingfu ; Li, An

Source title: International Journal of Advanced Manufacturing Technology

16. Accession number: 20232814382979

Title: Investigations into the effect of cutting speed on nano-cutting of metallic glass by using molecular dynamics simulation analysis

Authors: Liu, Yin ; Cui, Xiaoqing ; Sun, Xingwei ; Yang, Heran ; Dong, Zhixu ; Gong, Yadong ; Yuan, Zewei ; Pan, Fei ; Zhao, Hongxun ; Liu, Weijun

Source title: International Journal of Advanced Manufacturing Technology

17. Accession number: 20232714344303

Title: A state-space model-based temperature control system for laser remanufacturing molten pool

Authors: Yang, Guo-Zhe ; Liu, Tong-Ming ; Song, Bo-Xue ; Jiang, Xing-Yu ; Wang, Zi-Sheng ; Chen, Ke-Qiang ; Liu, Wei-Jun

Source title: International Journal of Computer Integrated Manufacturing

18. Accession number: 20233714708263

Title: Low-velocity impact resistance of all composite cylindrical shell panels with a foam filled honeycomb core: Theoretical and experimental investigation

Authors: Li, Zelin ; Li, Hui ; Ren, Chaohui ; Deng, Yichen ; Cao, Jichuan ; Xiong, Jian ; Zhou, Bo ; Bai, Hansong ; Zhang, Haiyang ; Wang, Shaoming ; Wang, Xiangping ; Cao, Hang ; Han, Qingkai ; Guan, Zhongwei

Source title: International Journal of Impact Engineering

19. Accession number: 20233914776665

Title: Vibration characteristics of linear and nonlinear dissipative elastic metamaterials rotor with geometrical nonlinearity

Authors: Xu, Qi ; Wang, Jingqiao ; Lv, Yongshuai ; Yao, Hongliang ; Wen, Bangchun

Source title: International Journal of Non-Linear Mechanics

20. Accession number: 20232614312845

Title: Three new triangular thick plate/shell elements based on absolute nodal coordinate formulation

Authors: Wang, Tengfei ; Wang, Jia ; Xu, Minglong

Source title: International Journal of Non-Linear Mechanics

21. Accession number: 20233514661766

Title: An Improved Soft Actor-Critic-Based Energy Management Strategy of Fuel Cell Hybrid Vehicles with a Nonlinear Fuel Cell Degradation Model

Authors: Zhang, Dongfang ; Cui, Yunduan ; Xiao, Yao ; Fu, Shengxiang ; Cha, Suk Won ; Kim, Namwook ; Mao, Hongyan ; Zheng, Chunhua

Source title: International Journal of Precision Engineering and Manufacturing - Green Technology

22. Accession number: 20232614305484

Title: Fault diagnosis method of rolling bearings based on adaptive modified CEEMD and 1DCNN model

Authors: Gao, Shuzhi ; Li, Tianchi ; Zhang, Yimin ; Pei, Zhiming

Source title: ISA Transactions

23. Accession number: 20232914395620

Title: Energy Efficient Scheduling of Flexible Job Shop with Aerospace Complex Components

Authors: Tian, Zhiqiang ; Jiang, Xingyu ; Yang, Guozhe ; Liu, Weijun ; Suo, Yingqi ; Chen, Keqiang ; Xing, Fei

Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering

24. Accession number: 20232914395511

Title: Low-carbon Modeling and Process Parameter Optimization for Laser Cleaning Process

Authors: Liu, Weijun ; Suo, Yingqi ; Jiang, Xingyu ; Tian, Zhiqiang ; Zhang, Dong ; Yang, Guozhe ; Wang, Hongyue ; Han, Qingbing

Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering

25. Accession number: 20233214492123

- Title:** Biomechanical Model Construction and Experimental Analysis of Tendon
Authors: Tian, Guofu ; Zhao, Ruixiang ; Yu, Hao ; Wang, Ting
Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering
- 26. Accession number:** 20232814371510
Title: Enhanced mechanical and tribological properties of polymer nanocomposites by improving interfacial properties by hexagonal boron nitride nanosheets: Molecular dynamics simulations
Authors: Yang, Yadi ; Zhao, Jing ; Cui, Jianzheng ; Jiang, Bowen
Source title: Journal of Applied Polymer Science
- 27. Accession number:** 20233714721383
Title: Fault detection of harmonic reducer for construction robot based on adaptive state observer
Authors: Zhao, Jinbao ; Tong, Shenghao ; Zhang, Ke ; Shi, Huaitao
Source title: Journal of Field Robotics
- 28. Accession number:** 20232814392076
Title: Effect of the Surface Carbon Content on Microstructure and Deformation of M50 Steel
Authors: Wei, Yinghua ; Yu, Xingfu ; Hao, Tianci ; Yang, Shuai ; Su, Yong ; Zhao, Wenzeng
Source title: Journal of Materials Engineering and Performance
- 29. Accession number:** 20233414621056
Title: Effect of Laser Shock Processing on Microstructure and Mechanical Properties of M50 Bearing Steel
Authors: Li, Y.B. ; Yuan, H.H. ; Yu, X.F. ; Su, Y. ; Sun, Y.F. ; Ren, W. ; Hu, C.Y.
Source title: Journal of Materials Engineering and Performance
- 30. Accession number:** 20233314566748
Title: Influences of scanning strategy on the quality, accuracy, microstructure and performance of Inconel 625 parts by LAM
Authors: Zhang, Kai ; Geng, Jingtao ; Liu, Weijun ; Wang, Wenlong ; Wang, Huiru ; Jiang, Xingyu ; Bian, Hongyou
Source title: Journal of Materials Research and Technology
- 31. Accession number:** 20234014819101
Title: Effect of cooling rate after isothermal stage of vacuum austempering on microstructure and hardness of M50 bearing steel
Authors: Su, Yong ; Hu, Binbin ; Wang, Shengyu ; Yu, Xingfu ; Yang, Shuai ; Wang, Shuai ; Liu, Huifang
Source title: Journal of Materials Research and Technology
- 32. Accession number:** 20232614299079
Title: A Cooling Efficiency Model and Numerical Research of Multiparameter Film Cooling
Authors: Xu, Zhexuan ; Xu, Zheyao ; Chen, Yukun
Source title: Journal of Thermal Science and Engineering Applications
- 33. Accession number:** 20233014445954
Title: Microstructure and Properties of the Tribaloy T-800 Coating Fabricated by Laser Cladding on the DZ125 Superalloy
Authors: Xiaowen, Xu ; Hongyou, Bian ; Weijun, Liu ; Wei, Wang ; Fei, Xing
Source title: Journal of Thermal Spray Technology

34. Accession number: 20233214494577

Title: Laser melting deposition of Inconel625/Ti6Al4V bimetallic structure with Cu/V interlayers

Authors: Wang, Wenbo ; Xu, Nuo ; Liu, Xiangyu ; Jing, Zhicheng ; Xu, Guojian ; Xing, Fei

Source title: Materials Research Express

35. Accession number: 20233214509958

Title: Molecular dynamics simulation of mechanical and tribological properties of nitrile butadiene rubber with different length and content carbon nanotubes

Authors: Li, Chuan ; Liu, Zhengjun ; Huo, Yingda ; Li, Fubao ; Tang, Liming

Source title: Materials Today Communications

(二) 材料科学与工程学院 (93 篇)

1. **Accession number:** 20234014818683
Title: Ternary ZnCo₂O₄ Nanowire Electrode Materials for High-Capacitance and Flexible Electrochemical Capacitors
Authors: Sun, Xingjie ; Zhang, Dongdong ; Umar, Ahmad ; Wu, Xiang
Source title: ACS Applied Energy Materials
2. **Accession number:** 20232814391229
Title: Mn²⁺ Intercalation into Hydrated Vanadium Pentoxide Nanosheets for Highly Durable Zinc Ion Batteries
Authors: Li, Kexin ; Liu, Ying ; Wu, Xiang
Source title: ACS Applied Nano Materials
3. **Accession number:** 20233914784209
Title: General Carbon Modification Avenue to Construct Highly Stable V₂O₅ Electrodes for Aqueous Zinc-Ion Batteries
Authors: Liu, Yi ; Liu, Ying ; Wu, Xiang ; Cho, Young-Rae
Source title: ACS Sustainable Chemistry and Engineering
4. **Accession number:** 20233614696862
Title: A Hot Cracking Initiation Criterion Based on Solidification Liquid Film Characteristic and Microstructure
Authors: Su, Ming ; Zheng, Wentao ; Yue, Chunyu ; Zheng, Bowen ; Zuo, Xiaojiao ; He, Mengyuan ; Yuan, Xiaoguang
Source title: Acta Metallurgica Sinica (English Letters)
5. **Accession number:** 20233814748562
Title: Protective Coatings Containing ZnMOF-BTA Metal - Organic Framework for Active Protection of AA2024-T3
Authors: Nwokolo, Izuchukwu K. ; Shi, Hongwei ; Uzoma, Paul C. ; Ahmed, Sharjeel ; Li, Jiwen ; Liu, Fuchun
Source title: Acta Metallurgica Sinica (English Letters)
6. **Accession number:** 20234014829247
Title: Effect of Al Content on Microstructure, Mechanical, and Corrosion Properties of (Fe₃₃Cr₃₆Ni₁₅Co₁₅Ti₁)_{100-x}Al_x High-Entropy Alloys
Authors: Zheng, Qifeng ; Lu, Weiyan ; Han, Dong ; Li, Tianrun ; Guo, Hui ; Qiu, Keqiang ; Yang, Baijun ; Wang, Jianqiang
Source title: Advanced Engineering Materials
7. **Accession number:** 20233614664470
Title: Unveiling the X-Ray Absorption Chemistry of H_{3.78}V₆O₁₃ Cathode for Aqueous Zinc-Ion Batteries
Authors: Cao, Jin ; Zhang, Dongdong ; Yue, Yilei ; Yang, Xuelin ; Yang, Chenwu ; Niu, Jingjing ; Zeng, Zhiyuan ; Kidkhunthod, Pinit ; Wannapaiboon, Suttipong ; Zhang, Xinyu ; Qin, Jiaqian ; Lu, Jun
Source title: Advanced Functional Materials
8. **Accession number:** 20232814371165

Title: A Multidirectional External Perception Soft Actuator Based on Flexible Optical Waveguide for Underwater Teleoperation

Authors: Mo, Liyan ; Zhang, Daohui ; Fu, Xin ; Dou, Jiansong ; Li, Kai ; Bai, Li ; Bai, Yunfei ; Zhang, Qifeng ; Zhao, Xingang

Source title: Advanced Intelligent Systems

9. Accession number: 20233914793007

Title: Rationally regulating P-doping species to realize ultrastable potassium storage of carbon anode

Authors: Yuan, Fei ; Zhang, Sijia ; Shao, Yachuan ; Wang, Jian ; Li, Zhaojin ; Zhang, Di ; Sun, Huilan ; Wang, QiuJun ; Wang, Wei ; Wu, Yusheng ; Wang, Bo

Source title: Applied Surface Science

10. Accession number: 20233614688886

Title: Bamboo-like tubular nitrogen-doped carbon derived from g-C₃N₄ as an ultra-high performance anode of potassium-ion battery

Authors: Wang, Shasha ; Wang, Qing ; Liu, Wuxin ; Wei, Yuli ; Wang, Yan ; Luo, Shaohua ; Hou, Pengqing ; Zhang, Yahui ; Yan, Shengxue ; Liu, Xin

Source title: Applied Surface Science

11. Accession number: 20233514661822

Title: A Review on Recent Progress Achieved in Boron Carbon Nitride Nanomaterials for Supercapacitor Applications

Authors: Liu, Feng ; Zhao, Xiang ; Shi, Ping ; Li, Laishi ; Dong, Qidi ; Tian, Mi ; Wu, Yusheng ; Sun, Xudong

Source title: Batteries

12. Accession number: 20233514634418

Title: Microstructure Evolution Law of ZG06Cr13Ni4Mo with Different Repair Welding Numbers

Authors: Su, Yunhai ; Wei, Zuyong ; Zhang, Guiqing ; Zhang, Xiangwen

Source title: Cailiao Daobao/Materials Reports

13. Accession number: 20233114471330

Title: Microstructure and Mechanical Properties of Mg Matrix Composites Reinforced with Nano-TiB₂ Coated Continuous Carbon Fibers

Authors: Wu, Jiahong ; Wang, Wenguang ; Ni, Dingrui ; Xiao, Bolv ; Li, Rongde ; Lin, Nan ; Wu, Qiusheng ; Xia, Jin

Source title: Cailiao Daobao/Materials Reports

14. Accession number: 20232914424136

Title: Creep Microstructure Damage and Influence on Re-creep Behavior for a Nickel-based Single Crystal Superalloy

Authors: Zhang, Min ; Zhang, Siqian ; Wang, Dong ; Chen, Lijia

Source title: Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research

15. Accession number: 20232914424189

Title: Stress Rupture Deformation Mechanism of Two 'Replacement of Re by W' Type Low-cost Second-generation Nickel Based Single Crystal Superalloys at Elevated Temperatures

Authors: Zhou, Zhangrui ; Lv, Peisen ; Zhao, Guoqi ; Zhang, Jian ; Zhao, Yunsong ; Liu, Lirong

- Source title:** Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
- 16. Accession number:** 20232914403007
Title: Edge-nitrogen synergize with micropores to realize fast and durable potassium storage for carbon anode
Authors: Yuan, Fei ; Wang, Jian ; Ma, Qian ; Sun, Huilan ; Li, Zhaojin ; Zhang, Di ; Wang, Qiujun ; Wu, Yusheng ; Li, Wen ; Wang, Bo
Source title: Carbon
- 17. Accession number:** 20234014826851
Title: Carbothermal-sulfurization of TiO₂ into Ti₂SC MAX phase in TiO₂/C/FeS₂ ternary system
Authors: Pang, Sheng ; Zhang, Zhenqian ; Cong, Liangwei ; Xu, Youpeng ; Qian, Guoyu ; Wang, Dong ; Li, Laishi ; Wu, Yusheng ; Wang, Zhi
Source title: Ceramics International
- 18. Accession number:** 20233214510908
Title: Recent Development of External Magnetic Field Assisted Oxygen Evolution Reaction-A Mini Review
Authors: Feng, Zihang ; Dai, Chuanlin ; Wang, Haibin ; Guo, Rui ; You, Junhua ; Liu, Xuanwen
Source title: ChemCatChem
- 19. Accession number:** 20233614681584
Title: Structural, elastic, anisotropic, electronic, thermal properties and tensile strength of AlTM₂Ti (TM = Ni, Fe, Cu, Co, Au) studied by first-principles calculations
Authors: Cao, Lu ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
- 20. Accession number:** 20233714709831
Title: First-principles study on the lattice vibration, anisotropy, tensile strength and electronic properties of CuxHfySiz intermetallics
Authors: Li, Chen ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
- 21. Accession number:** 20232814383086
Title: High Entropy Alloy CoCrFeNiMo Reinforced Electrocatalytic Performance for High-Efficient Electrocatalytic Water Splitting
Authors: Huo, Xiaoran ; Zuo, Xiaojiao ; Wang, Xin ; Xing, Bowei ; Zhang, Nannan
Source title: Chemistry - An Asian Journal
- 22. Accession number:** 20233114483801
Title: Optimizing the performance of Fe-based metal-organic frameworks in photo-Fenton processes: Mechanisms, strategies and prospects
Authors: Wang, Zhaobo ; Cheng, Ying ; Wang, Chen ; Guo, Rui ; You, Junhua ; Zhang, Hangzhou
Source title: Chemosphere
- 23. Accession number:** 20233414604022
Title: Effects of binder components and PVA modifier on bonding performance of phosphate binder for sand core-making
Authors: Liu, Wei-hua ; Jia, Xin ; Song, Lai ; Li, Ying-min

- Source title:** China Foundry
- 24. Accession number:** 20233414604530
Title: Effect of sintering temperature on microstructure and properties of 3D printing polysilazane reinforced Al₂O₃ core
Authors: Dong, Wen-jun ; Li, Qiao-lei ; Chen, Tian-ci ; Zou, Ming-ke ; Liang, Jing-jing ; Liu, Li-rong ; Mei, Hui ; Li, Jin-guo
Source title: China Foundry
- 25. Accession number:** 20233414603821
Title: Design and application of a multichannel 'cross' hot tearing tendency device: A study on hot tearing tendency of Al alloys
Authors: Su, Ming ; Zheng, Wen-tao ; Fu, Deng-ke ; Huang, Hong-jun ; Zuo, Xiao-jiao ; Yue, Chun-yu ; Wang, Yu-xiang ; Yuan, Xiao-guang
Source title: China Foundry
- 26. Accession number:** 20233414603736
Title: Effect of secondary aging on microstructure and properties of cast Al-Cu-Mg alloy
Authors: Su, Rui-ming ; Jia, Yong-xin ; Xiao, Jian ; Li, Guang-long ; Qu, Ying-dong ; Li, Rong-de
Source title: China Foundry
- 27. Accession number:** 20233414604082
Title: Effect of V and Sn on microstructure and mechanical properties of gray cast iron
Authors: Li, Yi-li ; Chen, Rui-run ; Wang, Qi ; Cao, Wen-chao ; Wang, Xin-xiu ; Xia, Yuan ; Zhou, Guo-ping ; Qu, Ying-dong ; Li, Guang-long
Source title: China Foundry
- 28. Accession number:** 20233514653847
Title: Oxidation induced ductility enhancement of Zr based metallic glass ribbons in vicinity of glass transition temperature
Authors: Wang, Jin-tao ; Gao, Xue-feng ; Wang, Rui-chun ; Wang, Yin-xiao ; Dong, Fu-yu ; Xue, Wen-ying ; Yang, Hong-wang
Source title: China Foundry
- 29. Accession number:** 20233414603967
Title: Effect of Ti on microstructure and properties of electromagnetic stirred Al-18wt.%Mg₂Si alloy
Authors: Ren, Yu-yan ; Chen, Sheng-yuan ; Liu, Tong-yu ; Zhang, Song ; Li, Ying-min
Source title: China Foundry
- 30. Accession number:** 20232814379516
Title: Study on the impact of external magnetic field intensity on droplet behaviour, heat build-up and dimensional accuracy in wire-arc DED
Authors: Li, Yiwen ; Miao, Junyan ; Zhang, Hang ; Dong, Zhihai ; Chang, Chenhe ; Xu, Xiaolong ; Chang, Yunlong
Source title: Composite Structures
- 31. Accession number:** 20233214510091
Title: Improving flexural toughness of foamed concrete by mixing polyvinyl alcohol-polypropylene fibers: An experimental study
Authors: Shi, Xinxin ; Ning, Baokuan ; Wang, Junxiang ; Cui, Taotao ; Zhong, Mingyang

- Source title:** Construction and Building Materials
- 32. Accession number:** 20233814766627
Title: Cavitation erosion and corrosion-cavitation synergism behaviour of CoCrFeNiMnTi x high entropy alloy coatings prepared by laser cladding
Authors: Wang, D.C. ; Wu, C.L. ; Zhang, S. ; Zhang, C.H. ; Zhang, D.X. ; Sun, X.Y.
Source title: Corrosion Engineering Science and Technology
- 33. Accession number:** 20233814747460
Title: Effect of trace sulfur on the hot corrosion resistance of Ni-base single crystal superalloy
Authors: Zhan, Xin ; Wang, Dong ; Zhang, ZongPeng ; Zhang, Jian
Source title: Corrosion Science
- 34. Accession number:** 20233714721663
Title: NiMo2S4 microspheres as cathode materials for flexible capacitors
Authors: Huai, Xinyu ; Liu, Jingxuan ; Wu, Xiang
Source title: CrystEngComm
- 35. Accession number:** 20233114471086
Title: NiO@CoSe2 nanostructures for high-performance asymmetric supercapacitors and efficient electrocatalysts
Authors: Liu, Xingyu ; Wang, Mengdi ; Umar, Ahmad ; Wu, Xiang
Source title: Dalton Transactions
- 36. Accession number:** 20233614668025
Title: Low-Cost Electrolyte Additive Enables an Ultra-stable and Dendrite-Free Zn Anode
Authors: Dai, Zhiqiang ; Rajendran, Kumuthini ; Cao, Jin ; Zhang, Dongdong ; Chanajaree, Rungroj ; Yang, Chengwu ; Tan, Peng ; Zhang, Xinyu ; Qin, Jiaqian
Source title: Energy and Fuels
- 37. Accession number:** 20233114475967
Title: Simulation of temperature field and residual stress in high-power laser self-melting welding process of CLF-1 steel medium-thick plate
Authors: Zhang, Guoyu ; Li, Wuhong ; Xu, Guojian ; Xing, Fei ; Chang, Lili ; Wu, Shikai ; Liao, Hongbin ; Wang, Xiaoyu
Source title: Fusion Engineering and Design
- 38. Accession number:** 20233214496327
Title: Numerical simulation optimization of a magnetic system structure for magnetic field hybrid wire-arc DED
Authors: Li, Yiwen ; Miao, Junyan ; Zhang, Siyu ; Zhao, Honglei ; Chang, Chenhe ; Chang, Yunlong
Source title: International Journal of Advanced Manufacturing Technology
- 39. Accession number:** 20232614311725
Title: Modeling of tow-to-spot diameter ratio for laser cutting of single-layer carbon fiber - reinforced plastics (CFRP)
Authors: Luo, Yonghao ; Zhu, Xiaowu ; Zhang, Weiye ; Chang, Cheng ; Gao, Shuohong ; Lu, Bingwen ; Yan, Xingchen
Source title: International Journal of Advanced Manufacturing Technology
- 40. Accession number:** 20232814394210

Title: Current status of research on numerical simulation of droplet transfer in CO₂ gas – shielded welding

Authors: Miao, Junyan ; Li, Yiwen ; Ren, Bowen ; Dong, Zhihai ; Zou, Wenfeng ; Chang, Chenhe ; Chang, Yunlong

Source title: International Journal of Advanced Manufacturing Technology

41. Accession number: 20233014449795

Title: Improvements on the Mechanical Properties of Al 6063 Alloy by Microalloying with Cu and Cr Elements

Authors: Meng, Xiangchen ; Zhang, Wei ; Ma, Yuqi ; Xiang, Qingchun ; Ren, Yinglei ; Qiu, Keqiang

Source title: International Journal of Metalcasting

42. Accession number: 20233214518150

Title: Effect of Cu on the Microstructure, Hardness and Tensile Property of 15 wt.%Mg₂Si/Al-La Composites

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

Source title: International Journal of Metalcasting

43. Accession number: 20233014439171

Title: Effect of Nano-Sized SiO₂ Particles Addition on Microstructure and Mechanical Properties of As-Cast Ductile Iron

Authors: Zhao, Yu ; Zhang, Wei ; Li, Guanglong ; Dong, Shulin ; Li, Rongde ; Sun, Wei ; Zhou, Guoping ; Chen, Ruirun ; Wang, Qi ; Qu, Yingdong

Source title: International Journal of Metalcasting

44. Accession number: 20232714345177

Title: Effect of Al content on hot tearing susceptibility of Mg – 5Zn – 0.6Mn – xAl – 0.6Zr alloys

Authors: Li, Tongxu ; Wang, Feng ; Du, Xudong ; Bai, Shengwei ; Li, Jinwei ; Wang, Zhi ; Zhou, Le ; Wei, ZiQi

Source title: International Journal of Metalcasting

45. Accession number: 20232914397855

Title: Electronic structure and magnetic properties of noble metal (Rh, Ru, Pd, Ag) adsorbed vacancy-defective arsenene: A first-principles study

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

Source title: International Journal of Quantum Chemistry

46. Accession number: 20232914398484

Title: Hierarchical structure NiCo₂O₄/NiMoO₄ supported by carbon cloth for high-performance supercapacitors

Authors: Wang, Lu ; Li, Jingjing ; You, Junhua ; Wang, Zhiwei ; Qi, Xiaojing ; Xu, Jingsheng

Source title: Ionics

47. Accession number: 20234014835961

Title: Structural evolution of PPR, PP/PE, and maleic anhydride-grafted PP/PE blends during uniaxial stretching and cooling studied by in situ SAXS and WAXD

Authors: Shao, Wenjun ; Liu, Lizhi ; Wang, Ying ; Cui, Ye ; Wang, Yuanxia ; Song, Lixin ; Shi, Ying

- Source title:** Iranian Polymer Journal (English Edition)
- 48. Accession number:** 20233914792267
Title: Formation Mechanisms of Hot Cracks in Laser Additive Repairing Single Crystal Superalloys
Authors: Lu, Nannan ; Guo, Yimo ; Yang, Shulin ; Liang, Jingjing ; Zhou, Yizhou ; Sun, Xiaofeng ; Li, Jinguo
Source title: Jinshu Xuebao/Acta Metallurgica Sinica
- 49. Accession number:** 20233414617284
Title: Process Optimization and Kinetics of Leaching Magnesium from Low-Grade Magnesite with Ammonium Bisulfate
Authors: Li, Wen ; Li, Laishi ; Wu, Yusheng ; Wang, Yuzheng ; Li, Mingchun ; Ning, Zhiqiang
Source title: JOM
- 50. Accession number:** 20232714345580
Title: Effect of pre-aging process on microstructure and properties of 7075-T8 aluminium alloy
Authors: Zhang, Weijian ; Su, Ruiming ; Li, Guanglong ; Qu, Yingdong
Source title: Journal of Alloys and Compounds
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Title: Tensile properties and deformation mechanisms of two low-cost second-generation single crystal superalloys designed by optimization of Re and W compositions at various temperatures
Authors: Zhou, Zhangrui ; Liu, Lirong ; Lv, Peisen ; Zhang, Jian
Source title: Journal of Alloys and Compounds
- 52. Accession number:** 20233514649612
Title: Improving resistive switching effect by embedding gold nanoparticles into ferroelectric thin films
Authors: Yue, Zhi Yun ; Zhang, Zhi Dong ; Wang, Zhan Jie
Source title: Journal of Alloys and Compounds
- 53. Accession number:** 20232814383439
Title: A brand-new comprehension to the nucleation and growth of β 1 precipitate in rare earth magnesium alloys
Authors: Sun, B.Z. ; Lu, X.L. ; Huang, Q.Y. ; Liu, L.R.
Source title: Journal of Alloys and Compounds
- 54. Accession number:** 20233014442161
Title: The g-C₃N₄-derived nanoarchitectonics of nitrogen-doped carbon material as a high-rate performance anode for potassium ion batteries
Authors: Wang, Shasha ; Wang, Qing ; Liu, Wuxin ; Wang, Yan ; Wei, Yuli ; Luo, Shaohua ; Hou, Pengqing ; Zhang, Yahui ; Yan, Shengxue ; Liu, Xin
Source title: Journal of Alloys and Compounds
- 55. Accession number:** 20233014431257
Title: Comparing the electrochemical degradation of levofloxacin using the modified Ti/SnO₂ electrode in different electrolytes

Authors: Meng, Jing ; Geng, Cong ; Wu, Yang ; Guan, Yinyan ; Gao, Weichun ; Jiang, Wei ; Liang, Jiyan ; Liu, Shiyue ; Wang, Xueying

Source title: Journal of Electroanalytical Chemistry

56. Accession number: 20233914776644

Title: High durable aqueous zinc ion batteries by synergistic effect of V6O13/VO2 electrode materials

Authors: Liu, Yi ; Wu, Xiang

Source title: Journal of Energy Chemistry

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Title: Effect of C14 Laves/BCC on microstructure and hydrogen storage properties of (Ti32.5V27.5Zr7.5Nb32.5) 1-xFex (x = 0.03, 0.06, 0.09) high entropy hydrogen storage alloys

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

Source title: Journal of Energy Storage

58. Accession number: 20233914801867

Title: A g-C3N4 nanotube assisted and (Ce-Mg) co-doped limestone-derived sorbent: Bidirectional diffusion channels and double vacancy mechanism constructed for CO2 capture

Authors: Ping, Zihan ; Li, Mingchun ; Shen, Cunliang ; Li, Huifeng ; Wang, Peijie ; Zhao, Guanyu ; Wu, Yusheng ; Li, Laishi

Source title: Journal of Environmental Chemical Engineering

59. Accession number: 20233714702446

Title: Failure Analysis of Over-Temperature of Aero-Engine Bearing

Authors: Zhong, Yunfei ; Li, Tianfu ; Qu, Shen ; Huang, Hongjun ; Zhang, Zhefeng

Source title: Journal of Failure Analysis and Prevention

60. Accession number: 20232814392076

Title: Effect of the Surface Carbon Content on Microstructure and Deformation of M50 Steel

Authors: Wei, Yinghua ; Yu, Xingfu ; Hao, Tianci ; Yang, Shuai ; Su, Yong ; Zhao, Wenzeng

Source title: Journal of Materials Engineering and Performance

61. Accession number: 20233714712412

Title: Effect of Austempering Temperature on Microstructure and Deformation Behavior of Selective Laser Melting 24CrNiMo-Steel

Authors: Wang, F.Z. ; Zhang, C.H. ; Wang, Z.Y. ; Cui, X. ; Zhang, S. ; Chen, J.

Source title: Journal of Materials Engineering and Performance

62. Accession number: 20233814735059

Title: Effect of residual stress and phase constituents on corrosion-cavitation erosion behavior of 304 stainless steel by iso-material manufacturing of laser surface melting

Authors: Cao, B.S. ; Wu, C.L. ; Wang, L. ; Zhang, S. ; Zhang, C.H. ; Sun, X.Y.

Source title: Journal of Materials Engineering and Performance

63. Accession number: 20233914810932

Title: An investigation on wear and cavitation erosion-corrosion characteristics of the TiC modified Fe-based composite coating via laser cladding

Authors: Zhang, H.F. ; Wang, L. ; Zhang, S. ; Wu, C.L. ; Zhang, C.H. ; Sun, X.Y. ; Chen, J.

Source title: Journal of Materials Engineering and Performance

64. Accession number: 20234014830657

Title: In-situ investigate on the microstructure evolution, deformation and fracture mechanism of Mg-Gd-Zn-Mn alloy with varies of LPSO volume fraction

Authors: Luan, Shiyu ; Zhang, Lei ; Chen, Lijia ; Wang, Jinhui ; Jin, Peipeng

Source title: Journal of Materials Engineering and Performance

65. Accession number: 20233814751047

Title: The failure behavior of thermally grown oxide of the AlCoCrFeNi bond coating prepared by atmospheric plasma spray at 900 – 1000 ° C

Authors: Zhang, Xiao ; Zhang, Nannan ; Liu, Min ; Deng, Chunming ; Wang, Chao ; Yin, Shuo

Source title: Journal of Materials Engineering and Performance

66. Accession number: 20233014446871

Title: Temperature damping capacity and microstructure evolution of Mg - Al - Zn - Sn alloy

Authors: Liu, Qiangbing ; Ma, Jiaxuan ; Luan, Shiyu ; Wang, Jinhui ; Yuan, Shuai ; Han, Li ; Jin, Peipeng

Source title: Journal of Materials Engineering and Performance

67. Accession number: 20233414612086

Title: Study of corrosion behavior of Inconel 625 cladding metal in KCl - MgCl₂ molten salt under isothermal and thermal cycling conditions

Authors: Yang, Taisen ; Zhang, Guiqing ; Dai, Zhiyong ; Liang, Xuewei ; Wang, Yingdi ; Su, Yunhai

Source title: Journal of Materials Science

68. Accession number: 20232914394512

Title: Effect of WC - Co addition on tribological and cracking behavior of laser cladded Fe-based amorphous/crystalline composite coatings

Authors: Zhang, Xinyu ; Lu, Weiyan ; Guo, Hui ; Huo, Fengping ; Chen, Haitao ; Qiu, Keqiang ; Yang, Baijun ; Wang, Jianqiang

Source title: Journal of Materials Science

69. Accession number: 20233514636807

Title: Enhanced memristor performance via coupling effect of oxygen vacancy and ferroelectric polarization

Authors: Yue, Zhi Yun ; Zhang, Zhi Dong ; Wang, Zhan Jie

Source title: Journal of Materials Science and Technology

70. Accession number: 20233514636951

Title: Manipulation of magnetocaloric and elastocaloric effects in Ni - Mn - In alloys by lattice volume and magnetic variation: Effect of Co and Fe co-doping

Authors: Liang, Xinzeng ; Zhang, Chi ; Bai, Jing ; Gu, Jianglong ; Zhang, Yudong ; Esling, Claude ; Zhao, Xiang ; L., Zuo

Source title: Journal of Materials Science and Technology

71. Accession number: 20233314535585

Title: Improving gas sensing performance of BiVO₄ nanoplates with {040} growing facets induced by Bi³⁺

Authors: Li, Mingchun ; Yang, Xin ; Shen, Cunliang ; Ji, Jie ; Wu, Yusheng ; Li, Laishi

Source title: Journal of Materials Science: Materials in Electronics

- 72. Accession number:** 20233414611772
Title: Crystallization, morphology, optical properties, tear properties and antibacterial properties of nano zinc oxide composites
Authors: Wang, Ying ; Liu, Li-Zhi ; Tian, Chengcheng ; Wang, Yuanxia ; Song, Lixin ; Shi, Ying
Source title: Journal of Polymer Research
- 73. Accession number:** 20232614303619
Title: Effect of La substitution on energy storage properties of (Bi_{0.2}Na_{0.2}Ca_{0.2}Ba_{0.2}Sr_{0.2})TiO₃ lead-free high-entropy ceramics
Authors: Zhang, Xue ; Zhang, Fan ; Niu, Yiwen ; Zhang, Zhiqiang ; Bai, Yu ; Wang, Zhanjie
Source title: Journal of the American Ceramic Society
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Title: Controlling the shape of hexagonal structure by growth condition improves the thermoelectric properties of p-type Bi-Te films
Authors: Lan, Mingdi ; Sun, Shang ; Liu, Shiyang ; Li, Guojian ; Wang, Zhiwei ; Wang, Qiang
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- 75. Accession number:** 20232614292971
Title: Microstructural Evolution and Properties of Novel Ferritic Stainless Steel - Mox Prepared by Laser Melting Deposition
Authors: Zhang, H.F. ; Zhang, S. ; Wu, C.L. ; Zhang, C.H. ; Bai, X.L. ; Sun, X.Y. ; Chen, J.
Source title: Journal of Thermal Spray Technology
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Title: Research on Improving the Pre-Oxidation Process of the Excellent Mechanical Strength Carbon Fiber
Authors: Cui, Ye ; Liu, Li-Zhi ; Song, Lixin ; Wang, Yuxian ; Li, Sanxi ; Shi, Ying
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- 77. Accession number:** 20233714712270
Title: First-Principles Study on Si Atom Diffusion Behavior in Ni-Based Superalloys
Authors: Sun, Yubo ; Wang, Zhiping ; Du, Mingrun ; Du, Yimeng ; Zhang, Wang
Source title: Materials
- 78. Accession number:** 20233114473990
Title: Effect of Current Density on the Corrosion Resistance and Photocatalytic Properties of Cu-Ni-Zn_{0.96}Ni_{0.02}Cu_{0.02}O Nanocomposite Coatings
Authors: Tan, Haifeng ; Yang, Wenchao ; Hao, Mingzhu ; Wang, Chao ; Yang, Jie ; Sunyu, Haixuan ; Ling, Yunhe ; Song, Guihong ; He, Chunlin
Source title: Materials
- 79. Accession number:** 20233714712113
Title: Effect of Ball Milling Time on the Microstructure and Properties of High-Silicon - Aluminum Composite
Authors: Kong, Zhaoyang ; Wang, Zhipeng ; Chen, Bin ; Li, Yingmin ; Li, Runxia
Source title: Materials
- 80. Accession number:** 20232914408543

Title: Microstructure Evolution and Deformation Behavior of Extruded Mg-5Al-0.6Sc Alloy during Room and Elevated Temperature Tension Revealed by Ex-Situ EBSD and VPSC

Authors: Zhang, Lei ; Luan, Shiyu ; Yuan, Shuai ; Wang, Jinhui ; Chen, Lijia ; Jin, Peipeng

Source title: Materials

81. Accession number: 20233414584025

Title: Effect of Re/Ru on constituents distribution and creep performance of nickel-based single crystal alloys

Authors: Songwen, T.I.A.N. ; Delong, S.H.U. ; Lirong, L.I.U. ; Tian, S.U.G.U.I.

Source title: Materials at High Temperatures

82. Accession number: 20233814772929

Title: Influence of scanning speed on the microstructure, nanoindentation characteristics and tribological behavior of novel maraging steel coatings by laser cladding

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

Source title: Materials Characterization

83. Accession number: 20232914417656

Title: Design, fabrication, microstructure and properties of in-situ synthesized TiC reinforced stainless steel matrix composite coating by laser cladding

Authors: Zhang, H.F. ; Wang, L. ; Zhang, S. ; Wu, C.L. ; Zhang, C.H. ; Sun, X.Y.

Source title: Materials Characterization

84. Accession number: 20233914790166

Title: Low cycle fatigue behavior and microstructure evolution of a fourth-generation single crystal superalloy at 800 ° C

Authors: Liang, Z.Y. ; Tan, Z.H. ; Zhang, C.H. ; Zhang, S. ; Tao, X.P. ; Wang, X.G. ; Jafri, S.M. Abbas ; Shi, Z.W. ; Yang, Y.H. ; Liu, J.D. ; Liu, J.L. ; Li, J.G. ; Zhou, Y.Z. ; Sun, X.F.

Source title: Materials Characterization

85. Accession number: 20233814768017

Title: Effect of annealing treatment on microstructural evolution and compressive behavior of Al_{0.5}CrFeNi_{2.5}Si_{0.25} high-entropy alloy

Authors: Jin, Bingqian ; Zhang, Nannan ; Xing, Bowei ; Fan, Ningsong ; Nie, Sainan ; Wang, Xin ; Yin, Shuo ; Zhu, Xiaofei

Source title: Materials Characterization

86. Accession number: 20233214494577

Title: Laser melting deposition of Inconel625/Ti6Al4V bimetallic structure with Cu/V interlayers

Authors: Wang, Wenbo ; Xu, Nuo ; Liu, Xiangyu ; Jing, Zhicheng ; Xu, Guojian ; Xing, Fei

Source title: Materials Research Express

87. Accession number: 20232614314403

Title: Effect of sintering process on microstructure and properties of Al-Si alloy made by powder metallurgy for electronic packaging application

Authors: Kong, Zhaoyang ; Huang, Haibin ; Li, Yingmin ; Yu, Baoyi ; Chen, Bin ; Li, Runxia

Source title: Materials Research Express

88. Accession number: 20233714723893

Title: In-situ SEM and EBSD investigation of the deformation behavior of extruded Mg-6Al-1Zn-1.1Sc alloy

Authors: Zhang, Lei ; Zhang, Honggang ; Wang, Jinhui ; Chen, Lijia ; Yuan, Shuai ; Jin, Peipeng

Source title: Materials Research Express

89. Accession number: 20232914423373

Title: Wear and corrosion of CoCrFeNiMnTix high entropy alloy coatings by laser cladding

Authors: Wang, D.C. ; Wu, C.L. ; Zhang, S. ; Zhang, C.H. ; Zhang, D.X. ; Sun, X.Y.

Source title: Materials Science and Technology (United Kingdom)

90. Accession number: 20233414612836

Title: Recent progress in modification and composite strategies of graphitic carbon nitride as catalysts for heterogeneous photo-Fenton reaction

Authors: Dai, Chuanlin ; Feng, Zihang ; Hu, Qiming ; Qiu, Jiangyuan ; You, Junhua ; Guo, Rui ; liu, Xuanwen ; Zhang, Hangzhou

Source title: Materials Science in Semiconductor Processing

91. Accession number: 20233314567175

Title: (NH₄)₂V₁₀O₂₅.8H₂O nanowire materials for stable zinc ion storage

Authors: Zhao, Ming ; Li, Shilong ; Umar, Ahmad ; Wu, Xiang

Source title: Materials Today Chemistry

92. Accession number: 20233214509958

Title: Molecular dynamics simulation of mechanical and tribological properties of nitrile butadiene rubber with different length and content carbon nanotubes

Authors: Li, Chuan ; Liu, Zhengjun ; Huo, Yingda ; Li, Fubao ; Tang, Liming

Source title: Materials Today Communications

93. Accession number: 20232614327859

Title: Constructing high-capacitance electrochemical capacitors through the introduction of V ions into MoS₂/Ni₃S₂ nanosheets

Authors: Liu, Jingxuan ; Zhao, Shiqi ; Umar, Ahmad ; Wu, Xiang

Source title: Materials Today Sustainability

(三) 电气工程学院 (59 篇)

1. **Accession number:** 20233614684862
Title: Systematic Evaluation of Deep Neural Network based Dynamic Modeling Method for AC Power Electronic System
Authors: Li, Yunlu ; Ma, Guiqing ; Yang, Junyou ; Xu, Yan
Source title: CES Transactions on Electrical Machines and Systems
2. **Accession number:** 20232614285758
Title: A multi-task hybrid emotion recognition network based on EEG signals
Authors: Zhou, Qiaoli ; Shi, Chi ; Du, Qiang ; Ke, Li
Source title: Biomedical Signal Processing and Control
3. **Accession number:** 20233614684857
Title: Cyber-physical Modeling Technique based Dynamic Aggregation of Wind Farm Considering LVRT Characteristic
Authors: Ma, Guiqing ; Li, Yunlu ; Yang, Junyou ; Wu, Bing
Source title: CES Transactions on Electrical Machines and Systems
4. **Accession number:** 20233014438100
Title: High Order Nonsingular Fast Terminal Sliding Mode Control of Permanent Magnet Linear Motor Based on Disturbance Observer
Authors: Fang, Xin ; Wang, Limei ; Zhang, Kang
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
5. **Accession number:** 20233014444335
Title: Rotor Strength Optimization of Surface Mount High Speed Permanent Magnet Motor Based on FEM/Kriging Approximate Model and Evolutionary Algorithm
Authors: Li, Wei ; Wang, Zerun ; Zhang, Fengge
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
6. **Accession number:** 20232914396026
Title: Fractional Order Differential Boundary Layer Terminal Sliding Mode Control for Permanent Magnet Linear Synchronous Motor
Authors: Zhao, Xinyu ; Wang, Limei
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
7. **Accession number:** 20233814758043
Title: Low Common-Mode Voltage Model Predictive Current Control for Dual Three-Phase Permanent Magnet Synchronous Motor
Authors: Sun, QuanZeng ; Zhang, ZhiFeng
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
8. **Accession number:** 20233814737409
Title: Power Information Integration Technology of DC-DC Converters Based on Orthogonal Frequency Division Multiplexing-Multiple Quadrature Amplitude Modulation
Authors: Guo, Hao ; Li, Yan ; Hou, Bingbing ; Jing, Yongteng
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
9. **Accession number:** 20232814375512
Title: Study on the Temperature Rise Characteristics of C4F7N/CO2 Mixed Gas Ultra High Voltage Bus

- Authors:** Cui, Zhaoxuan ; Lin, Xin ; Zhong, Jianying ; Yao, Yongqi ; Xu, Jianyuan
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 10. Accession number:** 20233014437835
Title: General Analytical Model of No-Load Electromagnetic Performance of Interior Permanent Magnet Synchronous Motors Considering Nonlinearity of Magnetic Bridges
Authors: Li, Shiqi ; Tong, Wenming ; Jia, Jianguo ; Tang, Renyuan
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 11. Accession number:** 20233014437964
Title: Analysis and Calculation of Friction Loss of High-Speed Permanent Magnetic Shielding Motor
Authors: Zhang, Wenxiao ; Hu, Yan ; Cao, Li ; Zhuo, Liang ; Liu, Aimin
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 12. Accession number:** 20232814375636
Title: Prediction of Magnetic Domains Magnetization Process and Feature Extraction of Electrical Steel Sheet Based on Deep Learning
Authors: Wu, Xin ; Zhang, Yanli ; Wang, Zhen ; Li, Mengxing ; Jiang, Wei
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- 13. Accession number:** 20233014437979
Title: Reduction of Pole-Frequency Vibration of Surface-Mounted Permanent Magnet Synchronous Machines with Piecewise Stagger Unequal Poles
Authors: Li, Zexing ; Xia, Jiakuan ; Liu, Tiefu ; Guo, Zhiyan ; Zhu, Qisheng
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- 14. Accession number:** 20233114454980
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Authors: Li, Zexing ; Xia, Jiakuan ; Liu, Tiefu ; Guo, Zhiyan ; Lu, Bingna
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 15. Accession number:** 20233014444369
Title: Reduction of Local Tangential Force of Fractional-Slot Concentrated Winding Permanent Magnet Synchronous Machines with Piecewise Stagger Trapezoidal Poles
Authors: Li, Zexing ; Xia, Jiakuan ; Liu, Tiefu ; Guo, Zhiyan ; Lu, Bingna
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- 16. Accession number:** 20233614689954
Title: Space voltage vector pulse width modulation method for dual three-phase permanent magnet synchronous motor
Authors: Sun, Quanzeng ; Zhang, Zhifeng ; Liu, Jia
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Title: Terminal complementary sliding mode position control for permanent magnet linear servo system
Authors: Zhao, Ximei ; Sun, Hongxiao ; Jin, Hongyan
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- 18. Accession number:** 20232814383195

Title: Design of hybrid permanent magnet synchronous reluctance memory motor with wide high efficiency range

Authors: Dong, Ting ; Cao, Lei ; Wang, Xue

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

19. Accession number: 20232814388256

Title: Short-term Spatial Load Forecasting Method Based on Spatio-Temporal Graph Convolutional Network

Authors: Zhang, Pengfei ; Hu, Bo ; He, Jinsong ; Hu, Zhanshuo ; Liu, Hengyu ; Liu, Yubo

Source title: Dianli Xitong Zidonghua/Automation of Electric Power Systems

20. Accession number: 20233814752049

Title: Review on analysis and suppression of low-frequency oscillation in power system with high penetration of renewable energy sources

Authors: Wang, Haixin ; Liu, Mingqi ; Dong, Henan ; Lu, Shengyang ; Yang, Zihao ; Cheng, Shanshan ; Yang, Junyou ; Chen, Zhe

Source title: Dianli Zidonghua Shebei/Electric Power Automation Equipment

21. Accession number: 20232914416843

Title: Machine learning-based single-phase ground fault identification strategy for AC-DC transmission lines

Authors: Wu, Shuo ; He, Baina ; Meng, Fantao ; Liu, Yang ; Lin, Xin ; Dai, Weihang ; Wei, Yuanlong ; Wang, Shuo ; Zhang, Dongjin

Source title: Electric Power Systems Research

22. Accession number: 20233714715740

Title: Analysis of equivalent inertia of induction motors and its influencing factors

Authors: Zeng, Hui ; Xu, Jing ; Yu, Chenyang ; Li, Zhengwen ; Zhang, Qiang ; Li, Weidong

Source title: Electric Power Systems Research

23. Accession number: 20233714700117

Title: Environmental economic dispatch method of power system based on multiobjective artificial bee colony algorithm

Authors: Wang, Liming ; Liu, Yingming ; Pang, Xinfu ; Wang, Qimin ; Wang, Xiaodong

Source title: Electrical Engineering

24. Accession number: 20234014822976

Title: Optimal Configuration of Power/Thermal Energy Storage for a Park-Integrated Energy System Considering Flexible Load

Authors: Zhu, Zhi ; Wang, Miaomiao ; Xing, Zuoxia ; Liu, Yang ; Chen, Shihong

Source title: Energies

25. Accession number: 20233714710750

Title: Prediction of Residual Electrical Life in Railway Relays Based on Convolutional Neural Network Bidirectional Long Short-Term Memory

Authors: Liu, Shuxin ; Li, Yankai ; Gao, Shuyu ; Xing, Chaojian ; Li, Jing ; Cao, Yundong

Source title: Energies

26. Accession number: 20232714360384

Title: Detailed Wideband Impedance Modeling and Resonance Analysis of Grid-Connected Modular Multilevel Converter

Authors: Yan, Zheng ; Xu, Jianyuan ; Yu, Gaole ; Bai, Enming ; Chen, Weidong

- Source title:** Energies
- 27. Accession number:** 20232914408915
Title: Time Estimation Algorithm of Single-Phase-to-Ground Fault Based on Two-Step Dimensionality Reduction
Authors: Lin, Xin ; Chen, Haoran ; Xu, Kai ; Xu, Jianyuan
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- 28. Accession number:** 20232714345789
Title: Research on the optimal planning method of hydrogen-storage units in wind - hydrogen energy system considering hydrogen energy source
Authors: Dong, Yannan ; Han, Zijiao ; Li, Chong ; Ma, Shaohua ; Ma, Zhuo
Source title: Energy Reports
- 29. Accession number:** 20232814375159
Title: A review on microgrid decentralized energy/voltage control structures and methods
Authors: Shirkhani, Mohammadamin ; Tavoosi, Jafar ; Danyali, Saeed ; Sarvenoe, Amirhossein Khosravi ; Abdali, Ali ; Mohammadzadeh, Ardashir ; Zhang, Chunwei
Source title: Energy Reports
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Title: Optimal configuration method of electric vehicle's participating in Load Aggregator's VPP low-carbon economy
Authors: Wang, Yong ; Dou, Wenlei ; Tong, Yongji ; Yang, Bo ; Zhu, Hongbo ; Xu, Ruihong ; Yan, Ning
Source title: Energy Reports
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Title: The effects of sex hormones during the menstrual cycle on knee kinematics
Authors: Bingzheng, Zhou ; Xinzhuo, Zhao ; Zhuo, Jin ; Xing, Yang ; Bin, Li ; Lunhao, Bai
Source title: Frontiers in Bioengineering and Biotechnology
- 32. Accession number:** 20233414584391
Title: Nonlinear transient voltage and frequency-coordinated control strategy for the renewable energy sending system
Authors: Wang, Qiwei ; Zhang, Kun ; Ma, Shaohua ; Chen, Zhe ; Cheng, Songqing
Source title: Frontiers in Energy Research
- 33. Accession number:** 20232914397155
Title: Identification model for weak areas of transient energy balance in EESs based on dynamic grid partitioning
Authors: Qiu, Shi ; Zhang, Kun ; Chen, Zhuo ; Zhang, Youming ; Chen, Zhe ; Cheng, Songqing
Source title: Frontiers in Energy Research
- 34. Accession number:** 20232914425223
Title: Regional electricity market price forecasting based on an adaptive spatial - temporal convolutional network
Authors: Xu, Jian ; Hu, Bo ; Zhang, Pengfei ; Zhou, Xiaoming ; Xing, Zuoxia ; Hu, Zhanshuo
Source title: Frontiers in Energy Research
- 35. Accession number:** 20232914394645

- Title:** Interruption Performance of C4F7N/CO₂ Gas in High-voltage Circuit Breaker
Authors: Song, Yu ; Lin, Xin ; Xu, Jianyuan ; Zhang, Jia
Source title: Gaodiana Jishu/High Voltage Engineering
- 36. Accession number:** 20232814388103
Title: Simulation of Airflow Field and Breaking Capacity of 550 kV Fast Circuit Breaker
Authors: Song, Yu ; Lin, Xin ; Zhou, Tao ; Wang, Feng ; Xu, Jianyuan ; Zou, Huancheng
Source title: Gaodiana Jishu/High Voltage Engineering
- 37. Accession number:** 20232614327617
Title: Design and analysis of a high loss density motor cooling system with water cold plates
Authors: Zhao, Xin ; Cui, Haojie ; Teng, Yun ; Chen, Zhe ; Liu, Guangwei
Source title: Global Energy Interconnection
- 38. Accession number:** 20234014841770
Title: Investigation of a Low-Speed High-torque-Density Direct-Drive External-Rotor PMSM for Belt Conveyor Application
Authors: Song, Yongda ; Liu, Guangwei ; Yu, Siyang ; Wang, Hao ; Zhang, Fengge
Source title: IEEE Access
- 39. Accession number:** 20233514640296
Title: Parameter Sensitivity Analysis and Optimization of Electromagnetic Force Waves of Fractional Slot Surface-Mounted PM Motor With External Rotor
Authors: Xia, Jiakuan ; Qi, Meijun ; Dong, Ting ; Song, Menglin
Source title: IEEE Access
- 40. Accession number:** 20233314569515
Title: Analysis of Limiting Output Capacity of Low-Speed and High-Torque Surface-Mounted Permanent Magnet Motor Considering Resistance Voltage Drop
Authors: Wu, Jiacheng ; Feng, Guihong ; Hu, Yan ; Zhang, Bingyi ; Liu, Zeyu
Source title: IEEE Access
- 41. Accession number:** 20232214159859
Title: Impartial Sequential Model Predictive Control of Parallel T-Type Rectifiers for Power Sharing and Circulating Current Elimination
Authors: Long, Bo ; Zhang, Jiahao ; Mao, Wenze ; Rodriguez, Jose ; Guerrero, Josep M. ; Chong, Kil To
Source title: IEEE Journal of Emerging and Selected Topics in Power Electronics
- 42. Accession number:** 20233014431094
Title: Fault Diagnosis for Wind Turbine Generators Using Normal Behavior Model Based on Multi-Task Learning
Authors: Zhang, Yuxian ; Qiao, Likui ; Zhao, Mengru
Source title: IEEE Transactions on Automation Science and Engineering
- 43. Accession number:** 20233814765971
Title: Investigation and Comparison of Different Calculation Methods for AC Copper Loss of Flat Copper Wire in Axial Flux Permanent Magnet Motor
Authors: Wu, Yue ; Zhang, Zhifeng ; Chen, Dezhi ; Jin, Shi
Source title: IEEE Transactions on Energy Conversion
- 44. Accession number:** 20233214503996

- Title:** Improved 2-D Analytical Model for Rotor Eddy Current Loss of HS PMSMs with Rotor Retaining Sleeve based on Accurate Subdomain Method
Authors: Tong, Wenming ; Lu, Jiwen ; Hou, Mingjun ; Wu, Shengnan
Source title: IEEE Transactions on Energy Conversion
- 45. Accession number:** 20232714340278
Title: Optimized Operation Framework of Distributed Thermal Storage Aggregators in the Electricity Spot Market
Authors: Wang, Haixin ; Cai, Xiangyu ; Yang, Zihao ; Li, Gen ; Zhou, Yue ; Yang, Junyou ; Chen, Zhe ; Hu, Shiyan
Source title: IEEE Transactions on Industrial Informatics
- 46. Accession number:** 20232914408159
Title: Power Sharing and ZSCC Elimination for Parallel T-Type Three-Level Rectifiers Based on Model-Free Predictive Control
Authors: Long, Bo ; Zhang, Jiahao ; Li, Xingyu ; Rodriguez, Jose ; Guerrero, Josep M. ; Teng, Yunlong ; To Chong, Kil
Source title: IEEE Transactions on Power Electronics
- 47. Accession number:** 20232714335395
Title: Analytical Solution of Magnetic Field in High-Speed Permanent Magnet Synchronous Machines with Novel Composite Rotor
Authors: Yao, Jinyu ; Zhang, Yue ; Wang, Huijun ; Xu, Zhenyao ; Zhang, Fengge ; Zhang, He
Source title: IEEE Transactions on Transportation Electrification
- 48. Accession number:** 20233614685555
Title: Multiscale Strength Analysis of a Composite Rotor on the High-Speed Motor
Authors: Wang, Zerun ; Zhang, Yue ; Wang, Huijun ; Wang, Tianyu ; Zhang, Fengge
Source title: IEEE Transactions on Transportation Electrification
- 49. Accession number:** 20232914402677
Title: Direct Power Control and Space Vector Modulation-Based Direct Power Control for Brushless Doubly-Fed Reluctance Generator
Authors: Shi, Long ; Jin, Shi
Source title: IEEE Transactions on Electrical and Electronic Engineering
- 50. Accession number:** 20232814376739
Title: Vibration Calculation and Analysis for Permanent Magnet Assisted Reluctance Motor with Rotor Slots Based on Air Gap Relative Permeance
Authors: Wang, Zicheng ; Li, Yan ; Yu, Zhanyang ; Du, Jianmin
Source title: IEEE Transactions on Electrical and Electronic Engineering
- 51. Accession number:** 20233814766992
Title: A novel multifunctional intelligent bed integrated with multimodal human - robot interaction approach and safe nursing methods
Authors: Zhao, Donghui ; Wu, Yuhui ; Yang, Chenhao ; Yang, Junyou ; Liu, Houdei ; Wang, Shuoyu ; Jiang, Yinlai ; Hiroshi, Yokoi
Source title: IET Cyber-systems and Robotics
- 52. Accession number:** 20233414602233

- Title:** Investigation of winding cooling enhancement and thermal modelling of large-power high-torque-density direct-drive PMSM
Authors: Song, Yongda ; Zhang, Yue ; Jin, Shi ; Xu, Zhenyao ; Zhang, Fengge
Source title: IET Electric Power Applications
- 53. Accession number:** 20233714710352
Title: Microstructurally and mechanically tunable acellular hydrogel scaffold using carboxymethyl cellulose for potential osteochondral tissue engineering
Authors: Gong, Tianxing ; Zhang, Zhili ; Liu, Xinyu ; Wang, Yufan ; Zhou, Jingqiu ; Wang, Shun ; Liu, Xinwei ; Jin, Hongxu ; Zhao, Zhiying
Source title: International Journal of Biological Macromolecules
- 54. Accession number:** 20233714699769
Title: Irreversible Demagnetization of a Large Capacity Line-Start Permanent Magnet Synchronous Motors considering Influence of Permanent Magnet Temperature
Authors: Li, Dongming ; Feng, Guihong ; Li, Wei ; Zhang, Bingyi ; Xu, Yingying ; Chen, Yaqian ; Zheng, Junming ; Wu, Qingsong
Source title: International Transactions on Electrical Energy Systems
- 55. Accession number:** 20232914422895
Title: SSA-SVR-Based Prediction Model of Charging Load for Electric Vehicles
Authors: Li, Yingying ; Dong, Jian ; Lu, Xinyi ; Yuan, Jiahui ; Wang, Haixin ; Yang, Junyou ; Hu, Shiyan
Source title: Journal of Circuits, Systems and Computers
- 56. Accession number:** 20233714706453
Title: Optimization Research on DC Air Circuit Breaker at High Altitudes Based on Arc Root Stagnation and Arc Reverse Movement Phenomena
Authors: Li, Jing ; Peng, Shidong ; Yi, Chenxi ; Huang, Hao ; Cao, Yundong ; Liu, Shuxin ; Zhou, Zhu
Source title: Journal of Electrical Engineering and Technology
- 57. Accession number:** 20233014428394
Title: Self-cleaning energy-free PDMS@KL film for daytime radiative cooling
Authors: Yang, Xiongbo ; Geng, Jialin ; Xu, Ruizhen ; Tan, Xinyu ; Liu, Meng ; Nie, Shijin ; Yao, Shumin ; Li, Songshan ; Zhang, Junmei ; Tu, Yiteng ; Qi, Giguang ; Qiao, Yulong
Source title: Materials Letters
- 58. Accession number:** 20233114476179
Title: Fault diagnosis and protection strategy based on spatio-temporal multi-agent reinforcement learning for active distribution system using phasor measurement units
Authors: Zhang, Tong ; Liu, Jianchang ; Wang, Honghai ; Li, Yong ; Wang, Nan ; Kang, Chengming
Source title: Measurement: Journal of the International Measurement Confederation
- 59. Accession number:** 20232614305973
Title: Fault detection in wind turbine generators using a meta-learning-based convolutional neural network
Authors: Qiao, Likui ; Zhang, Yuxian ; Wang, Qisen
Source title: Mechanical Systems and Signal Processing

(四) 信息科学与工程学院 (11 篇)

1. **Accession number:** 20232714346549
Title: Self-assembled peptide nanoparticles for photodynamic therapy: morphological and mechanical effects on hepatocellular carcinoma cells
Authors: Guo, Xiaobo ; Liu, Di ; Dong, Siyuan ; Wang, Yuyang ; Li, Meng
Source title: Biomedical Materials (Bristol)
2. **Accession number:** 20233614690772
Title: Turbulence-tolerant Manchester On-off Keying Transmission for Free-space Optical Communication
Authors: Jing, Qian-Wen ; Yu, Pei-Zheng ; Lv, Han-Lin ; Hong, Yanqing
Source title: Current Optics and Photonics
3. **Accession number:** 20232614327580
Title: Prediction of film ratings based on domain adaptive transfer learning
Authors: Shu, Zhan ; Duan, Yong
Source title: High Technology Letters
4. **Accession number:** 20232814388076
Title: Prediction of users online purchase behavior based on selective ensemble learning
Authors: Tan, Hui ; Duan, Yong
Source title: High Technology Letters
5. **Accession number:** 20234014842181
Title: A Complementary Low Schottky Barrier Nonvolatile Bidirectional Reconfigurable Field Effect Transistor Based on Dual Metal Silicide S/D Contacts
Authors: Liu, Xi ; Wang, Ya ; Wu, Meile ; Qi, Lin ; Li, Mengmeng ; Zhang, Shouqiang ; Jin, Xiaoshi
Source title: IEEE Access
6. **Accession number:** 20233014429324
Title: Low-Frequency Ultrasound Thoracic Signal Processing Based on Music Algorithm and EMD Wavelet Thresholding
Authors: Zhou, Yinggang ; Li, Jifeng ; Yan, Hua ; Yan, Xin
Source title: IEEE Access
7. **Accession number:** 20232614302200
Title: High Resolution Enlarged Open-Bore Narrow-band Magnetic Particle Imaging Based on Double-layer Linear Scanning Structure
Authors: Bai, Shi ; Li, Tianshu ; Li, Kewen ; Gai, Lingke ; Du, Zhongzhou ; Du, Cheng ; Zhang, Wei ; Yoshida, Takashi ; Gu, Yumei
Source title: IEEE Transactions on Magnetics
8. **Accession number:** 20232914415730
Title: Preparation and characterization of DLC films by twinned ECR microwave plasma enhanced CVD for microelectromechanical systems (MEMS) applications
Authors: Li, Xin ; Tang, Zhen-an ; Deng, Xin-lu ; Shen, Yu-xiu ; Ding, Hai-tao
Source title: Journal Wuhan University of Technology, Materials Science Edition
9. **Accession number:** 20233614696162
Title: Brain-inspired environmental perception method for micro-biomimetic crawling robots

Authors: Wang, Yunmeng ; Li, Tao ; Xu, Jianjun ; Tang, Fengzhen ; Cui, Long ; Liu, Zhaoming ; Liu, Lianqing

Source title: Kexue Tongbao/Chinese Science Bulletin

10. Accession number: 20233814752794

Title: Effect of high-density pulsed electric current on residual stress relief and microstructural modification of cold-bent commercially pure titanium

Authors: Li, Shaoli ; Gu, Shaojie ; Yoon, Sungmin ; Kimura, Yasuhiro ; Toku, Yuhki ; Liu, Bin ; Ju, Yang

Source title: Materials Today Communications

11. Accession number: 20233914779590

Title: Blocky corrugations recognition based on graph theory for corrugated plate of plate heat exchanger

Authors: Li, Dejian ; Xu, Jianing ; Zhang, Yajun ; Zhang, Xiyuan ; Li, Shaoli

Source title: Measurement: Journal of the International Measurement Confederation

(五) 管理学院 (3 篇)

1. Accession number: 20232814387128

Title: Non-Cooperative Game of Coordinated Scheduling of Parallel Machine Production and Transportation in Shared Manufacturing

Authors: Liu, Peng ; Xu, Ke ; Gong, Hua

Source title: Computers, Materials and Continua

2. Accession number: 20232714335544

Title: Tripartite Evolutionary Game Analysis of Power Battery Cascade Utilization Under Government Subsidies

Authors: Guan, Yue ; He, Tian-Hui ; Hou, Qiang

Source title: IEEE Acces

3. Accession number: 20233114461645

Title: Selection Algorithm of Model for Online and Offline Learning Strategy Under Major Emergencies

Authors: Xu, Wei ; Li, Xueying ; Awaga, Afi Laeticia ; Cai, Guiyang

Source title: IEEE Acces

(六) 理学院 (5 篇)

1. **Accession number:** 20233614681584
Title: Structural, elastic, anisotropic, electronic, thermal properties and tensile strength of $AlTM_2Ti$ ($TM = Ni, Fe, Cu, Co, Au$) studied by first-principles calculations
Authors: Cao, Lu ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
2. **Accession number:** 20233714709831
Title: First-principles study on the lattice vibration, anisotropy, tensile strength and electronic properties of $Cu_xHf_ySi_z$ intermetallics
Authors: Li, Chen ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
3. **Accession number:** 20233914799777
Title: Adaptive Fault-tolerant Control of Alien Species Invasion Based on Sliding Mode
Authors: Li, Jiawen ; Zhang, Yi ; Nie, Yingying ; Yang, Song
Source title: International Journal of Control, Automation and Systems
4. **Accession number:** 20232814391000
Title: Sampled-data output regulation of switched systems
Authors: Dong, Xiao-Xiao ; Lan, Hui
Source title: Kongzhi Lilun Yu Yingyong/Control Theory and Applications
5. **Accession number:** 20232914425075
Title: Event-triggered tracking control for switched nonlinear systems
Authors: Dong, Xiaoxiao ; Qiao, Huan ; Zhu, Quanmin ; Yao, Yufeng
Source title: Mathematical Biosciences and Engineering

(七) 建筑与土木工程学院 (11 篇)

1. **Accession number:** 20233014444756
Title: Density Functional Theory Study on the Influence of Zero-mode Superlattice Types on the Metallicity of Graphene Nanoribbons
Authors: Wei, Lin ; Liu, Guili ; Yang, Jiangfei ; Li, Xinyue ; Zhang, Guoying
Source title: Cailiao Daobao/Materials Reports
2. **Accession number:** 20232614306686
Title: Improving bonding behavior between basalt fiber-reinforced polymer sheets and concrete using multi-wall carbon nanotubes modified epoxy composites
Authors: Shi, Changchun ; Jin, Shengji ; Jin, Kanhui ; Yang, Yuhao ; Xu, Li
Source title: Case Studies in Construction Materials
3. **Accession number:** 20232814393415
Title: Synergistic effect and mechanism of lithium slag on mechanical properties and microstructure of steel slag-cement system
Authors: Gu, Xiaowei ; Wang, Hongyu ; Zhu, Zhenguo ; Liu, Jianping ; Xu, Xiaochuan ; Wang, Qing
Source title: Construction and Building Materials
4. **Accession number:** 20233714725092
Title: Modulation of the workability and Ca/Si/Al ratio of cement-metakaolin cementitious material system by using fly ash: Synergistic effect and hydration products
Authors: Wang, Shenyu ; Gu, Xiaowei ; Liu, Jianping ; Zhu, Zhenguo ; Wang, Hongyu ; Ge, Xiaowei ; Xu, Xiaochuan ; Nehdi, Moncef L.
Source title: Construction and Building Materials
5. **Accession number:** 20233714718949
Title: A non-linear fractional-order type-3 fuzzy control for enhanced path-tracking performance of autonomous cars
Authors: Mohammadzadeh, Ardashir ; Taghavifar, Hamid ; Zhang, Chunwei ; Alattas, Khalid A. ; Liu, Jinping ; Vu, Mai The
Source title: IET Control Theory and Applications
6. **Accession number:** 20233414583900
Title: Mechanical grinding kinetics and particle packing novel characterization of iron ore tailings as inert filler for cement mortar
Authors: Gu, Xiaowei ; Liu, Bonan ; Li, Zhijun ; Wang, Hao ; Liu, Jianping ; Nehdi, Moncef L. ; Zhang, Yannian
Source title: Journal of Building Engineering
7. **Accession number:** 20232714353545
Title: Intelligent frequency stabilization of low-inertia islanded power grids-based redox battery
Authors: Yildirim, Burak ; Gheisarnejad, Meysam ; Mohammadzadeh, Ardashir ; Khooban, Mohammad Hassan
Source title: Journal of Energy Storage
8. **Accession number:** 20233214485728
Title: Optimal type-3 fuzzy control and analysis of complicated financial systems

Authors: Xu, Aoqi ; Tian, Man-Wen ; Kausar, Nasreen ; Mohammadzadeh, Ardashir ; Pamucar, Dragan ; Ozbilge, Ebru

Source title: Journal of Intelligent and Fuzzy Systems

9. Accession number: 20233314563461

Title: Dynamic Compressive and Flexural Behaviour of Re-Entrant Auxetics: A Numerical Study

Authors: Gao, Dianwei ; Zhang, Jianhua ; Zhang, Chunwei ; You, Yun

Source title: Materials

10. Accession number: 20233414614712

Title: First-principles study of Zero-mode superlattices inducing the metallicity of the graphene nanoribbons

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

Source title: Materials Science and Engineering: B

11. Accession number: 20233614691673

Title: Photoelectric properties and magnetic changes of defective tantalum disulfide adsorbed (non -) metal atoms

Authors: Ni, JunJie ; Yang, Lu

Source title: Materials Today Communications

(八) 人工智能学院 (5 篇)

1. **Accession number:** 20233814737712
Title: Controller Design for Positive T - S Fuzzy Systems with Input Constraints Based on Event-Triggered Mechanism
Authors: Zhou, Jiayi ; Zhang, Di
Source title: Circuits, Systems, and Signal Processing
2. **Accession number:** 20233214491170
Title: NSGAIII based on utopian point improvements and its application in wastewater treatment process
Authors: Zhenyu, Kuang ; Jun, Zhang ; Zhongda, Tian ; Shujiang, Li ; Yanhong, Wang
Source title: Expert Systems with Applications
3. **Accession number:** 20233314569918
Title: MAGVA: An Open-Set Fault Diagnosis Model Based on Multi-Hop Attentive Graph Variational Autoencoder for Autonomous Vehicles
Authors: Fu, Rao ; Bi, Yuanguo ; Han, Guangjie ; Zhang, Xiaoling ; Liu, Li ; Zhao, Liang ; Hu, Bing
Source title: IEEE Transactions on Intelligent Transportation Systems
4. **Accession number:** 20233014447414
Title: Single-image snow removal algorithm based on generative adversarial networks
Authors: Zhang, Zhijia ; Wu, Sinan ; Wang, Shixian
Source title: IET Image Processing
5. **Accession number:** 20233414604673
Title: Optimal strictly stealthy attacks in cyber-physical systems with multiple channels under the energy constraint
Authors: Dong, Sheng-Sheng ; Li, Yi-Gang ; An, Liwei
Source title: International Journal of Systems Science

(九) 环境与化学工程学院 (15 篇)

1. **Accession number:** 20233714702854
Title: Tailored Double Perovskite with Boosted Oxygen Reduction Kinetics and CO₂ Durability for Solid Oxide Fuel Cells
Authors: Chen, Sigeng ; Zhang, Haixia ; Yao, Chuangang ; Qu, Tingting ; Wang, Tan ; Wang, Haocong ; Liu, Wanning ; Lang, Xiaoshi ; Cai, Kedi
Source title: ACS Sustainable Chemistry and Engineering
2. **Accession number:** 20233914799966
Title: EFFECTS OF CARBOXYMETHYLATION AND HYDROXYPROPYLATION ON PROPERTIES AND STRUCTURE OF DIFFERENT STARCHES
Authors: Tang, Hongbo ; Jiang, Peilong ; Li, Yanping ; Liu, Xiaojun
Source title: Cellulose Chemistry and Technology
3. **Accession number:** 20232814393655
Title: Sb + Lu co-doped TiO₂ ceramics with ultralow loss, high permittivity, and excellent DC bias voltage stability
Authors: Fan, Jiangtao ; Yang, Tiantian ; Guan, Yinyan ; Liang, Jiyan
Source title: Ceramics International
4. **Accession number:** 20233814763949
Title: Recent Progress in Polymer Waste-Derived Porous Carbon for Supercapacitors
Authors: Wang, Song ; Dou, Jiali ; Holze, Rudolf ; Zhang, Tingting ; Ye, Lin ; Duan, Lin ; Xue, Jia ; Li, Sanxi ; Chen, Xuecheng
Source title: ChemElectroChem
5. **Accession number:** 20232914423329
Title: Experimental degradation of atrazine in soil by dielectric barrier discharge and optimization
Authors: Gao, Xu ; Shen, Xinjun ; Gu, Jingxue ; Zhang, Jing
Source title: Chemical Engineering and Processing - Process Intensification
6. **Accession number:** 20233714716109
Title: Biological neutralization of bauxite residue with fermented waste sludge and bio-acid, and the microbial ecological restoration
Authors: Qin, Dainan ; Tan, Xiaotong ; Zhao, Xin ; Qian, Lulu ; Nie, Yuanyuan ; Pan, Xiaolin ; Gao, Qun ; Peng, Mu ; Liu, Yang ; Han, Xiaoyu
Source title: Chemical Engineering Journal
7. **Accession number:** 20232814389084
Title: N, S co-doped porous graphene-like carbon synthesized by a facile coal tar pitch-blowing strategy for high-performance supercapacitors
Authors: Li, Gang ; Chen, Shanshan ; Wang, Yonggang ; Wang, Gang ; Wu, Yuhan ; Xu, Yang
Source title: Chemical Physics Letters
8. **Accession number:** 20232914424209
Title: Influence of Rheological Behavior of Suspensions on Forming Process of Coated Electrodes

Authors: Ming, Hao ; Guan, Yinyan ; Liu, Shiyue ; Gao, Yingjun ; Gao, Weichun ; Tian, Xueyong ; Liang, Jiyan

Source title: Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering

9. Accession number: 20233414583281

Title: Study on the methane-pulsing reduction characteristics of Fe₂O₃-Al₂O₃ oxygen carrier

Authors: Zhou, Xiaowen ; Du, Jie ; Zhang, Zhanguo ; Xu, Guangwen

Source title: Huagong Xuebao/CIESC Journal

10. Accession number: 20233514628097

Title: Influence Mechanism of Phase Change on Leaching of Metal Elements from Ternary Lithium-Ion Battery Waste in Citric Acid

Authors: Wu, Xiaoyu ; Tang, Junjie ; Sun, Yuan ; Zhou, Yizhou

Source title: JOM

11. Accession number: 20233414621215

Title: Flame retardancy and mechanical properties of epoxy resin with the phytic acid-derived flame retardant

Authors: Wang, Song ; Meng, Lingchen ; Chen, Qi ; Li, Sanxi ; Zhang, Ailing

Source title: Journal of Applied Polymer Science

12. Accession number: 20233914776676

Title: Salt solution etching to construct micro-gullies on the surface of Zn anodes enhances anodes performance in aqueous zinc-ion batteries

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

Source title: Journal of Colloid and Interface Science

13. Accession number: 20232614303733

Title: Phosphate carboxymethyl debranched waxy corn starch: preparation, characterization, performances and removal of Zn²⁺

Authors: Tang, Hongbo ; Sun, Haohao ; Li, Yanping ; Liu, Xiaojun

Source title: Journal of Polymer Research

14. Accession number: 20232914404430

Title: Janus Hemispheres through Controlled Polymerization-Induced Phase Separations within Wax Droplets

Authors: Gui, Haoguan ; Chen, Jieyi ; Yang, Tiantian ; Zuo, Shixiang ; Li, Xiazhang ; Yao, Chao ; Liang, Fuxin

Source title: Langmuir

15. Accession number: 20233014443867

Title: Construction of Nb₂CT_x/α-MnO₂ composites by electrostatic self-assembly for controllable impedance matching and enhanced electromagnetic absorption

Authors: Wang, Xiaolei ; Yang, Caidi ; Zhang, Ying ; Shi, Guimei ; Zhang, Yajing

Source title: Materials Research Bulletin

(十) 石油化工学院 (6 篇)

- 1. Accession number:** 20233514628414
Title: Research Progress of Nano Organic Hybrid Materials (NOHMs) for CO₂ Capture
Authors: Qiu, Hanyu ; Liu, Hongjing ; Yao, Hui ; Liu, Xueli ; Gao, Jie
Source title: Cailiao Daobao/Materials Reports
- 2. Accession number:** 20233914780267
Title: Fabrication of Catalytic Carbon Membranes and Their Intensification of Hydrogen Production Reaction from Methanol Steam Reforming
Authors: Wang, Erwen ; Zhang, Bing ; Li, Xinming ; Jiang, Yuan ; Wu, Yonghong ; Wang, Tonghua
Source title: Cailiao Daobao/Materials Reports
- 3. Accession number:** 20232714329727
Title: Highly efficient removal of emulsified oil from oily wastewater by microfiltration carbon membranes made from phenolic resin/coal
Authors: Li, Hongchao ; Zhang, Bing ; Wu, Yonghong
Source title: Environmental Technology (United Kingdom)
- 4. Accession number:** 20234014836177
Title: High-performance Deep Blue 'Hot Exciton' Materials Based on Anthracene
Authors: Xu, Lei ; Yu, Yue ; Pan, Yuyu ; Wang, Bohan ; Ying, Lei ; Ma, Yuguang
Source title: Faguang Xuebao/Chinese Journal of Luminescence
- 5. Accession number:** 20232814380124
Title: A narrow-bandgap photothermal material based on a donor-acceptor structure for the solar-thermal conversion application
Authors: Zhang, Ruoyu ; Jin, Nanxi ; Jia, Tao ; Wang, Luoqing ; Liu, Jing ; Nan, Mengmeng ; Qi, Shuo ; Liu, Siqi ; Pan, Yuyu
Source title: Journal of Materials Chemistry A
- 6. Accession number:** 20232714353616
Title: Promotion effects of Pr-doped CeO₂ · H₂O to Pt catalysts toward alcohol electrooxidation reaction
Authors: Hai, Bo ; Huang, Weifeng ; Li, Jiefei
Source title: Materials Letters

(十一) 化工过程自动化学院 (1 篇)

- 1. Accession number:** 20233614669257
Title: Supervised Classification of UML Class Diagrams Based on F-KNB
Authors: Yuan, Zhongchen ; Ma, Zongmin
Source title: International Journal of Software Engineering and Knowledge Engineering

(十二) 化工装备学院 (9 篇)

1. **Accession number:** 20233414582647
Title: Two-stage contextual transformer-based convolutional neural network for airway extraction from CT images
Authors: Wu, Yanan ; Zhao, Shuiqing ; Qi, Shouliang ; Feng, Jie ; Pang, Haowen ; Chang, Runsheng ; Bai, Long ; Li, Mengqi ; Xia, Shuyue ; Qian, Wei ; Ren, Hongliang
Source title: Artificial Intelligence in Medicine
2. **Accession number:** 20233914813339
Title: A novel approach for cross-subject unfavorable driving state detection by cooperation between phase-based functional connectivity and convolutional neural network
Authors: Chen, Jichi ; Wang, Hong ; He, Enqiu
Source title: Biomedical Signal Processing and Control
3. **Accession number:** 20233414620985
Title: A Transfer Learning-Based CNN Deep Learning Model for Unfavorable Driving State Recognition
Authors: Chen, Jichi ; Wang, Hong ; He, Enqiu
Source title: Cognitive Computation
4. **Accession number:** 20233814752989
Title: Explainable molecular simulation and machine learning for carbon dioxide adsorption on magnesium oxide
Authors: Yu, Honglei ; Wang, Dexi ; Li, Yunlong ; Chen, Gong ; Ma, Xueyi
Source title: Fuel
5. **Accession number:** 20232614302842
Title: Distortion and correction on galvanometer scanning radar
Authors: Meng, Xianyu ; Gao, Ya'nan ; Jia, Bing ; Wang, Qi
Source title: Fuel
6. **Accession number:** 20233114481261
Title: Energy and exergy analysis of waste heat recovery from pressurized hot smothering steel slag by solar organic Rankine cycle
Authors: Xue, Ke ; Wang, Jinjiao ; Zhu, Xiaoping ; Ma, Shengyu ; Fan, Jiale ; Zhao, Ruiming
Source title: Journal of Thermal Analysis and Calorimetry
7. **Accession number:** 20233814772929
Title: Influence of scanning speed on the microstructure, nanoindentation characteristics and tribological behavior of novel maraging steel coatings by laser cladding
Authors: Xu, T.Z. ; Zhang, S. ; Wang, L. ; Du, Y. ; Wu, C.L. ; Zhang, C.H. ; Sun, X.Y. ; Chen, H.T. ; Chen, J.
Source title: Materials Characterization
8. **Accession number:** 20232914417656
Title: Design, fabrication, microstructure and properties of in-situ synthesized TiC reinforced stainless steel matrix composite coating by laser cladding
Authors: Zhang, H.F. ; Wang, L. ; Zhang, S. ; Wu, C.L. ; Zhang, C.H. ; Sun, X.Y.
Source title: Materials Characterization

9. Accession number: 20233414620983

Title: Depicting and predicting changes of lung after lobectomy for cancer by using CT images

Authors: Wu, Yanan ; Pang, Haowen ; Shen, Jing ; Qi, Shouliang ; Feng, Jie ; Yue, Yong ; Qian, Wei ; Wu, Jianlin

Source title: Medical and Biological Engineering and Computing

(十三) 其他: 未注明学院 (2 篇)

1. Accession number: 20232914401263

Title: Developing a teriparatide-loaded calcium silicate biomaterial ink for 3D printing of scaffolds for bone tissue engineering

Authors: Meng, Lisha ; Zheng, Qiang ; Chen, Yadong ; Chen, Changhui ; Zhang, Zhili ; Liu, Xu ; Gong, Tianxing ; Liu, Yao

Source title: Ceramics International

2. Accession number: 20233814757579

Title: Experimental and numerical study of the compressive fatigue behavior of a Ti6Al4V mapped rhomboidal dodecahedral structure fabricated by electron beam melting

Authors: Yu, Boning ; Li, Yuming ; Abbès, Boussad ; Li, Shujun ; Yu, Baoyi

Source title: International Journal of Fatigue

二、2023 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 (15 篇)

- 1. Accession number:** 20232814384757
Title: Research on Backstepping control of flexible joint manipulator with state constraint
Authors: Yan, Yong-Li ; Ding, Li ; Ren, Teng ; Liu, Fu-Cai
Source title : 2023 9th International Conference on Control, Automation and Robotics, ICCAR 2023
- 2. Accession number:** 20233714727920
Title: Surface Modification of Porous Titanium and Titanium Alloy Implants Manufactured by Selective Laser Melting: A Review
Authors: Liu, Weijun ; Li, Wanqiu ; Wang, Huiru ; Bian, Hongyou ; Zhang, Kai
Source title: Advanced Engineering Materials
- 3. Accession number:** 20231513879440
Title: Numerical simulations and validation of gas - solid flows in a fluidized-bed roaster based on the CFD-DPM model
Authors: Ma, Xue-Yi ; Wang, De-Xi ; Liu, Bo ; Dong, Hui ; Zhao, Liang
Source title: Canadian Journal of Chemical Engineering
- 4. Accession number:** 20233414620985
Title: A Transfer Learning-Based CNN Deep Learning Model for Unfavorable Driving State Recognition
Authors: Chen, Jichi ; Wang, Hong ; He, Enqiu
Source title: Cognitive Computation
- 5. Accession number:** 20233914779078
Title: Knowledge-Based Lot-Splitting Optimization Method for Flexible Job Shops Considering Energy Consumption
Authors: Tian, Zhiqiang ; Jiang, Xingyu ; Tian, Guangdong ; Li, Zhiwu ; Liu, Weijun
Source title: IEEE Transactions on Automation Science and Engineering
- 6. Accession number:** 20233214503763
Title: Global Polynomial Stabilization of Impulsive Neural Networks With Bidirectional Proportional Delays
Authors: Zhou, Liquan ; Zhao, Zhixue ; Zhu, Quanxin ; Zhou, Rui ; Huang, Tingwen
Source title: IEEE Transactions on Network Science and Engineering

7. **Accession number:** 20231413858515
Title: Rail repair technology based on high-pressure abrasive water jet
Authors: Yang, Guo-zhe ; Liu, Tong-ming ; Jiang, Xing-yu ; Song, Bo-xue ; Wang, Zi-sheng ; Tan, Qing-ze ; Liu, Wei-jun
Source title: International Journal of Advanced Manufacturing Technology
8. **Accession number:** 20232714344303
Title: A state-space model-based temperature control system for laser remanufacturing molten pool
Authors: Yang, Guo-zhe ; Liu, Tong-ming ; Song, Bo-xue ; Jiang, Xing-yu ; Wang, Zi-sheng ; Chen, Ke-Qiang ; Liu, Wei-jun
Source title: International Journal of Computer Integrated Manufacturing
9. **Accession number:** 20233514661766
Title: An Improved Soft Actor-Critic-Based Energy Management Strategy of Fuel Cell Hybrid Vehicles with a Nonlinear Fuel Cell Degradation Model
Authors: Zhang, Dongfang ; Cui, Yunduan ; Xiao, Yao ; Fu, Shengxiang ; Cha, Suk Won ; Kim, Namwook ; Mao, Hongyan ; Zheng, Chunhua
Source title: International Journal of Precision Engineering and Manufacturing - Green Technology
10. **Accession number:** 20233714721383
Title: Fault detection of harmonic reducer for construction robot based on adaptive state observer
Authors: Zhao, Jinbao ; Tong, Shenghao ; Zhang, Ke ; Shi, Huaitao
Source title: Journal of Field Robotics
11. **Accession number:** 20232514282806
Title: Investigation of vibration characteristics of gear-bearing transmission system considering the effect of profile shifted coefficient
Authors: Wang, Hao ; Liu, Jie ; Zhao, Weiqiang
Source title: Journal of Low Frequency Noise Vibration and Active Control
12. **Accession number:** 20230613565595
Title: Microstructure and Mechanical Properties of Ti6Al4V/Inconel625 Bimetallic Structures Fabricated by Laser Melting Deposition
Authors: Wang, Wenbo ; Xu, Nuo ; Liu, Xiangyu ; Jing, Zhicheng ; Xu, Guojian ; Xing, Fei
Source title: Journal of Materials Engineering and Performance
13. **Accession number:** 20232814392076
Title: Effect of the Surface Carbon Content on Microstructure and Deformation of M50 Steel
Authors: Wei, Yinghua ; Yu, Xingfu ; Hao, Tianci ; Yang, Shuai ; Su, Yong ; Zhao, Wenzeng
Source title: Journal of Materials Engineering and Performance
14. **Accession number:** 20233414621056
Title: Effect of Laser Shock Processing on Microstructure and Mechanical Properties of M50 Bearing Steel
Authors: Li, Y.B. ; Yuan, H.H. ; Yu, X.F. ; Su, Y. ; Sun, Y.F. ; Ren, W. ; Hu, C.Y.
Source title: Journal of Materials Engineering and Performance
15. **Accession number:** 20232014110443

Title: Effect of Austempering Treatment on Microstructure and Mechanical Properties of M50NiL Bearing Steel

Authors: Li, Y.B. ; Ren, W. ; Yu, X.F. ; Su, Y. ; Wang, S.J. ; Liu, Y. ; Yang, S. ; Liu, W.J.

Source title: Metals and Materials International

(二) 材料科学与工程学院 (39 篇)

1. **Accession number:** 20234014818683
Title: Ternary ZnCo₂O₄ Nanowire Electrode Materials for High-Capacitance and Flexible Electrochemical Capacitors
Authors: Sun, Xingjie ; Zhang, Dongdong ; Umar, Ahmad ; Wu, Xiang
Source title: ACS Applied Energy Materials
2. **Accession number:** 20233914784209
Title: General Carbon Modification Avenue to Construct Highly Stable V₂O₅ Electrodes for Aqueous Zinc-Ion Batteries
Authors: Liu, Yi ; Liu, Ying ; Wu, Xiang ; Cho, Young-Rae
Source title: ACS Sustainable Chemistry and Engineering
3. **Accession number:** 20233614696862
Title: A Hot Cracking Initiation Criterion Based on Solidification Liquid Film Characteristic and Microstructure
Authors: Su, Ming ; Zheng, Wentao ; Yue, Chunyu ; Zheng, Bowen ; Zuo, Xiaojiao ; He, Mengyuan ; Yuan, Xiaoguang
Source title: Acta Metallurgica Sinica (English Letters)
4. **Accession number:** 20233814748562
Title: Protective Coatings Containing ZnMOF-BTA Metal - Organic Framework for Active Protection of AA2024-T3
Authors: Nwokolo, Izuchukwu K. ; Shi, Hongwei ; Uzoma, Paul C. ; Ahmed, Sharjeel ; Li, Jiwen ; Liu, Fuchun
Source title: Acta Metallurgica Sinica (English Letters)
5. **Accession number:** 20234014829247
Title: Effect of Al Content on Microstructure, Mechanical, and Corrosion Properties of (Fe₃₃Cr₃₆Ni₁₅Co₁₅Ti₁)_{100-x}Al_x High-Entropy Alloys
Authors: Zheng, Qifeng ; Lu, Weiyan ; Han, Dong ; Li, Tianrun ; Guo, Hui ; Qiu, Keqiang ; Yang, Baijun ; Wang, Jianqiang
Source title: Advanced Engineering Materials
6. **Accession number:** 20231713945337
Title: Achieving a Strong Friction-Lap Joint of Continuous Carbon-Fiber-Reinforced Plastic/Aluminum Alloy via a Surface Laser-Processing Pretreatment
Authors: Jiang, Chunyang ; Wu, Lihui ; Liu, Fengchao ; Xue, Peng ; Xiao, Bolv ; Ni, Dingrui ; Ma, Zongyi ; Chang, Yunlong
Source title: Advanced Engineering Materials
7. **Accession number:** 20233614664470
Title: Unveiling the X-Ray Absorption Chemistry of H₃.78V₆O₁₃ Cathode for Aqueous Zinc-Ion Batteries
Authors: Cao, Jin ; Zhang, Dongdong ; Yue, Yilei ; Yang, Xuelin ; Yang, Chenwu ; Niu, Jingjing ; Zeng, Zhiyuan ; Kidkhunthod, Pinit ; Wannapaiboon, Suttipong ; Zhang, Xinyu ; Qin, Jiaqian ; Lu, Jun
Source title: Advanced Functional Materials
8. **Accession number:** 20234014826851

Title: Carbothermal-sulfurization of TiO₂ into Ti₂SC MAX phase in TiO₂/C/FeS₂ ternary system

Authors: Pang, Sheng ; Zhang, Zhenqian ; Cong, Liangwei ; Xu, Youpeng ; Qian, Guoyu ; Wang, Dong ; Li, Laishi ; Wu, Yusheng ; Wang, Zhi

Source title: Ceramics International

9. Accession number: 20233414604530

Title: Effect of sintering temperature on microstructure and properties of 3D printing polysilazane reinforced Al₂O₃ core

Authors: Dong, Wen-jun ; Li, Qiao-lei ; Chen, Tian-ci ; Zou, Ming-ke ; Liang, Jing-jing ; Liu, Li-rong ; Mei, Hui ; Li, Jin-guo

Source title: China Foundry

10. Accession number: 20233814766627

Title: Cavitation erosion and corrosion-cavitation synergism behaviour of CoCrFeNiMnTi x high entropy alloy coatings prepared by laser cladding

Authors: Wang, D.C. ; Wu, C.L. ; Zhang, S. ; Zhang, C.H. ; Zhang, D.X. ; Sun, X.Y.

Source title: Corrosion Engineering Science and Technology

11. Accession number: 20233714721663

Title: NiMo₂S₄ microspheres as cathode materials for flexible capacitors

Authors: Huai, Xinyu ; Liu, Jingxuan ; Wu, Xiang

Source title: CrystEngComm

12. Accession number: 20233614668025

Title: Low-Cost Electrolyte Additive Enables an Ultra-stable and Dendrite-Free Zn Anode

Authors: Dai, Zhiqiang ; Rajendran, Kumuthini ; Cao, Jin ; Zhang, Dongdong ; Chanajaree, Rungroj ; Yang, Chengwu ; Tan, Peng ; Zhang, Xinyu ; Qin, Jiaqian

Source title: Energy and Fuels

13. Accession number: 20230913654821

Title: Dynamic recrystallization behavior of β grains in hot deformed Ti-6Mo-5 V-3Al-2Fe alloy

Authors: Han, Lin ; Zhang, Haoyu ; Wang, Chuan ; Zhou, Ge ; Zhang, Siqian ; Chen, Lijia

Source title: International Journal of Advanced Manufacturing Technology

14. Accession number: 20233014449795

Title: Improvements on the Mechanical Properties of Al 6063 Alloy by Microalloying with Cu and Cr Elements

Authors: Meng, Xiangchen ; Zhang, Wei ; Ma, Yuqi ; Xiang, Qingchun ; Ren, Yinglei ; Qiu, Keqiang

Source title: International Journal of Metalcasting

15. Accession number: 20230713599393

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

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

Source title: International Journal of Metalcasting

16. Accession number: 20231113710048

Title: Research Status and Prospect of Hot Tearing of Mg - Al Alloys

Authors: Li, Tongxu ; Wang, Feng ; Du, Xudong ; Bai, Shengwei ; Wang, Wei ; Wang, Zhi ; Zhou, Le; Mao, Pingli ; Liu, Zheng

Source title: International Journal of Metalcasting

17. Accession number: 20231714014903

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

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

Source title: International Journal of Metalcasting

18. Accession number: 20233214518150

Title: Effect of Cu on the Microstructure, Hardness and Tensile Property of 15 wt.%Mg₂Si/Al-La Composites

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

Source title: International Journal of Metalcasting

19. Accession number: 20231013672919

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

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

Source title: International Journal of Metalcasting

20. Accession number: 20231613942222

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

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

Source title: International Journal of Metalcasting

21. Accession number: 20233014439171

Title: Effect of Nano-Sized SiO₂ Particles Addition on Microstructure and Mechanical Properties of As-Cast Ductile Iron

Authors: Zhao, Yu ; Zhang, Wei ; Li, Guanglong ; Dong, Shulin ; Li, Rongde ; Sun, Wei ; Zhou, Guoping ; Chen, Ruirun ; Wang, Qi ; Qu, Yingdong

Source title: International Journal of Metalcasting

22. Accession number: 20232714345177

Title: Effect of Al content on hot tearing susceptibility of Mg - 5Zn - 0.6Mn - xAl - 0.6Zr alloys

Authors: Li, Tongxu ; Wang, Feng ; Du, Xudong ; Bai, Shengwei ; Li, Jinwei ; Wang, Zhi; Zhou, Le ; Wei, ZiQi

Source title: International Journal of Metalcasting

23. Accession number: 20231113742059

Title: Study on Semisolid Rheo-Diecasting Process, Microstructure and Mechanical Properties of Mg-6Al-1Ca-0.5Sb Alloy with High Solid Fraction

Authors: Gu, Yuanhao ; Wang, Feng ; Jiao, Jian ; Wang, Zhi ; Zhou, Le ; Mao, Pingli ; Liu, Zheng

Source title: International Journal of Metalcasting

24. Accession number: 20232414219901

Title: Prediction of Hot Tearing and Grain Structure in TiAl Alloy Casting

- Authors:** Ren, Yu-yan ; Zhang, Shuang-qi ; Bao, Chun-ling ; Song, Hong-wu ; Liu, Tong-yu
Source title: International Journal of Metalcasting
- 25. Accession number:** 20234014835961
Title: Structural evolution of PPR, PP/PE, and maleic anhydride-grafted PP/PE blends during uniaxial stretching and cooling studied by in situ SAXS and WAXD
Authors: Shao, Wenjun ; Liu, Lizhi ; Wang, Ying ; Cui, Ye ; Wang, Yuanxia ; Song, Lixin ; Shi, Ying
Source title: Iranian Polymer Journal (English Edition)
- 26. Accession number:** 20232414246066
Title: Recovery of Valuable Metals from Spent Al₂O₃-Based Catalysts by Sodium Carbonate Roasting and Water Leaching
Authors: Liang, Xin ; Tang, Junjie ; Li, Laishi ; Wu, Yusheng
Source title: JOM
- 27. Accession number:** 20233714702446
Title: Failure Analysis of Over-Temperature of Aero-Engine Bearing
Authors: Zhong, Yunfei ; Li, Tianfu ; Qu, Shen ; Huang, Hongjun ; Zhang, Zhefeng
Source title: Journal of Failure Analysis and Prevention
- 28. Accession number:** 20230613565595
Title: Microstructure and Mechanical Properties of Ti6Al4V/Inconel625 Bimetallic Structures Fabricated by Laser Melting Deposition
Authors: Wang, Wenbo ; Xu, Nuo ; Liu, Xiangyu ; Jing, Zhicheng ; Xu, Guojian ; Xing, Fei
Source title: Journal of Materials Engineering and Performance
- 29. Accession number:** 20232814392076
Title: Effect of the Surface Carbon Content on Microstructure and Deformation of M50 Steel
Authors: Wei, Yinghua ; Yu, Xingfu ; Hao, Tianci ; Yang, Shuai ; Su, Yong ; Zhao, Wenzeng
Source title: Journal of Materials Engineering and Performance
- 30. Accession number:** 20230813628877
Title: Effect of Grain Size on Adiabatic Shear Sensitivity of AZ31 Magnesium Alloys
Authors: Liu, Xuanyu ; Mao, Pingli ; Wu, Xiaoxu ; Zhou, Le ; Wang, Zhi ; Liu, Zheng ; Wang, Feng
Source title: Journal of Materials Engineering and Performance
- 31. Accession number:** 20230413446276
Title: Modulating Surface Machining to Optimize Work Hardening and Corrosion Behavior in 304 Austenitic Stainless Steel
Authors: Wu, C.L. ; Zhao, T. ; Zhang, S. ; Wang, Z.Y. ; Zhang, C.H. ; Tan, J.Z.
Source title: Journal of Materials Engineering and Performance
- 32. Accession number:** 20233714712412
Title: Effect of Austempering Temperature on Microstructure and Deformation Behavior of Selective Laser Melting 24CrNiMo-Steel
Authors: Wang, F.Z. ; Zhang, C.H. ; Wang, Z.Y. ; Cui, X. ; Zhang, S. ; Chen, J.
Source title: Journal of Materials Engineering and Performance
- 33. Accession number:** 20232214149075
Title: Research Progress on Mechanical Properties of 3D Printed Biomedical Titanium Alloys

- Authors:** Sun, Ying ; Hu, Wenchao ; Wu, Chenliang ; Kuang, Hai ; Wang, Jie ; Zhang, Song ; Yan, Tingting ; Wang, Qiang
Source title: Journal of Materials Engineering and Performance
- 34. Accession number:** 20230613552826
Title: Significantly improved corrosion resistance of high-entropy rare-earth silicate multiphase ceramics against molten CMAS
Authors: He, Yuxuan ; Wang, Xu ; Wang, Chao ; Liu, Shiyong ; Li, Liuyuan ; Wu, Yusheng ; Wang, Zhanjie
Source title: Journal of the American Ceramic Society
- 35. Accession number:** 20234014828777
Title: Research on Improving the Pre-Oxidation Process of the Excellent Mechanical Strength Carbon Fiber
Authors: Cui, Ye ; Liu, Li-Zhi ; Song, Lixin ; Wang, Yuxian ; Li, Sanxi ; Shi, Ying
Source title: Journal of the American Ceramic Society
- 36. Accession number:** 20233414584025
Title: Effect of Re/Ru on constituents distribution and creep performance of nickel-based single crystal alloys
Authors: Songwen, T.I.A.N. ; Delong, S.H.U. ; Lirong, L.I.U. ; Tian, S.U.G.U.I.
Source title: Materials at High Temperatures
- 37. Accession number:** 20232914423373
Title: Wear and corrosion of CoCrFeNiMnTix high entropy alloy coatings by laser cladding
Authors: Wang, D.C. ; Wu, C.L. ; Zhang, S. ; Zhang, C.H. ; Zhang, D.X. ; Sun, X.Y.
Source title: Materials Science and Technology (United Kingdom)
- 38. Accession number:** 20232514273911
Title: Prior- β grain refinement of additive-manufactured Ti - 6Al - 4 V alloys via trace Si addition
Authors: Gou, Jian ; Gao, Ju ; Feng, Yuxuan ; Bai, Xuedong ; Zhang, Dong ; Wang, Yubo ; Liu, Zhengjun
Source title: Materials Science and Technology (United Kingdom)
- 39. Accession number:** 20232014110443
Title: Effect of Austempering Treatment on Microstructure and Mechanical Properties of M50NiL Bearing Steel
Authors: Li, Y.B. ; Ren, W. ; Yu, X.F. ; Su, Y. ; Wang, S.J. ; Liu, Y. ; Yang, S. ; Liu, W.J.
Source title: Metals and Materials International

(三) 电气工程学院 (29 篇)

1. **Accession number:** 20233214486276
Title: Feature extraction method of wind turbine unbalance fault based on Hilbert marginal spectrum and information entropy
Authors: Shao, Yeqin ; Xing, Zuoxia ; Liu, Yang ; Chen, Mingyang ; Sun, Mengxin ; Miao, Xiangdi
Source title: 2022 1st International Conference on Cyber-Energy Systems and Intelligent Energy, ICCSIE 2022
2. **Accession number:** 20233214486357
Title: Optimized control of hydrogen production and energy storage system for wind-solar complementary power generation
Authors: Sun, Mengxin ; Yang, Lin ; Liu, Yang ; Xing, Zuoxia ; Shao, Yeqin ; Liu, Jinsong
Source title: 2022 1st International Conference on Cyber-Energy Systems and Intelligent Energy, ICCSIE 2022
3. **Accession number:** 20233114478158
Title: Research on Water Cooling and Heat Dissipation Characteristics of Power Module of Electric Propulsion System
Authors: Wan, Jianing ; Ma, Shaohua
Source title: 2023 5th International Conference on Intelligent Control, Measurement and Signal Processing, ICMSP 2023
4. **Accession number:** 20234014830136
Title: Research on DC Fault Arc Identification Method in Photovoltaic System
Authors: Niu, Zhuang ; Ma, Shaohua ; Qi, Zibo
Source title: 2023 IEEE 5th International Conference on Power, Intelligent Computing and Systems, ICPICS 2023
5. **Accession number:** 20233314544391
Title: Design of Torque Observer Based on Improved Elman Neural Network for Permanent Magnet Synchronous Motor
Authors: Ding, Tianzhuang ; Jin, Shi ; Sun, Peng ; Wang, Bo
Source title: 2023 IEEE 6th International Electrical and Energy Conference, CIEEC 2023
6. **Accession number:** 20233314544901
Title: Design and Analysis of a New Type of Stator Hybrid Excitation High-Speed Permanent Magnet Synchronous Motor
Authors: Yue, Qian ; Liu, Guangwei
Source title: 2023 IEEE 6th International Electrical and Energy Conference, CIEEC 2023
7. **Accession number:** 20233314544806
Title: Research on Active Disturbance Rejection Control of Outer Rotor Permanent Magnet Synchronous Motor
Authors: Zhan, Duanfeng ; Jin, Shi ; Jin, Wuhen
Source title: 2023 IEEE 6th International Electrical and Energy Conference, CIEEC 2023
8. **Accession number:** 20233314545054
Title: Electromagnetic Design and Analysis of High Speed Permanent Magnet Motor with Composite Rotor

- Authors:** Qu, Xuehua ; Xu, Zhenyao ; Yao, Jinyu ; Zhang, Fengge
Source title: 2023 IEEE 6th International Electrical and Energy Conference, CIEEC 2023
- 9. Accession number:** 20233314544583
Title: Electromagnetic Design of 12/14 Conical Bearingless Switched Reluctance Motor
Authors: Xu, Zhenyao ; Yan, Fushuai ; Zhang, Fengge ; Wang, Huijun ; Lee, Dong-Hee ; Yi, Tiehang
Source title: 2023 IEEE 6th International Electrical and Energy Conference, CIEEC 2023
- 10. Accession number:** 20234014826268
Title: Equivalent Magnetic Network Modeling of Grain-Oriented Silicon Steel Sheets Permanent Magnet Linear Synchronous Motors
Authors: Dong, Ting ; Gao, Ziyang ; Zhang, Bo ; Fu, Renjie
Source title: 2023 IEEE International Magnetic Conference - Short Papers, INTERMAG Short Papers 2023 - Proceedings
- 11. Accession number:** 20234014826310
Title: Electromagnetic Design and Analysis of Low Speed High Torque Motor with Composite Rotor and Double Stator
Authors: Wang, Shuaishuai ; Jin, Shi ; Yu, Siyang ; Zhang, Zhaoyu
Source title: 2023 IEEE International Magnetic Conference - Short Papers, INTERMAG Short Papers 2023 - Proceedings
- 12. Accession number:** 20230113332030
Title: A facile inverse dynamics method to study the impacts of fatigue on the lower limb biomechanics
Authors: Gong, Tianxing ; Zhao, Aoxiang ; Zhou, Jingqiu ; Chen, Yadong ; Ma, He ; Wang, Xiangdong ; Wang, Yu
Source title: Biotechnology and Genetic Engineering Reviews
- 13. Accession number:** 20231213774209
Title: Dynamics analysis of the anterior cruciate ligament reconstruction surgery based on magnetic resonance imaging
Authors: Chen, Yadong ; Gong, Tianxing ; Jiang, Nan ; Zhao, Aoxiang ; Wang, Tongyu ; Wang, Xiangdong ; Han, Wenfeng
Source title: Biotechnology and Genetic Engineering Reviews
- 14. Accession number:** 20233714700117
Title: Environmental economic dispatch method of power system based on multiobjective artificial bee colony algorithm
Authors: Wang, Liming ; Liu, Yingming ; Pang, Xinfu ; Wang, Qimin ; Wang, Xiaodong
Source title: Electrical Engineering
- 15. Accession number:** 20234014841770
Title: Investigation of a Low-Speed High-torque-Density Direct-Drive External-Rotor PMSM for Belt Conveyor Application
Authors: Song, Yongda ; Liu, Guangwei ; Yu, Siyang. ; Wang, Hao ; Zhang, Fengge
Source title: IEEE Access
- 16. Accession number:** 20231413848716
Title: Evaluation and Test of Impact-Resistant Overload Capability of Companion-Type Direct Cooling Motor

- Authors:** Hou, Qiang ; An, Yuejun ; Li, Ming ; An, Hui ; Sun, Ning ; Liu, Changlin ; Lu, Yanjun
Source title: IEEE Access
- 17. Accession number:** 20233014431094
Title: Fault Diagnosis for Wind Turbine Generators Using Normal Behavior Model Based on Multi-Task Learning
Authors: Zhang, Yuxian ; Qiao, Likui ; Zhao, Mengru
Source title: IEEE Transactions on Automation Science and Engineering
- 18. Accession number:** 20233814765971
Title: Investigation and Comparison of Different Calculation Methods for AC Copper Loss of Flat Copper Wire in Axial Flux Permanent Magnet Motor
Authors: Wu, Yue ; Zhang, Zhifeng ; Chen, Dezhi ; Jin, Shi
Source title: IEEE Transactions on Energy Conversion
- 19. Accession number:** 20233214503996
Title: Improved 2-D Analytical Model for Rotor Eddy Current Loss of HS PMSMs with Rotor Retaining Sleeve based on Accurate Subdomain Method
Authors: Tong, Wenming ; Lu, Jiwen ; Hou, Mingjun ; Wu, Shengnan
Source title: IEEE Transactions on Energy Conversion
- 20. Accession number:** 20232714340278
Title: Optimized Operation Framework of Distributed Thermal Storage Aggregators in the Electricity Spot Market
Authors: Wang, Haixin ; Cai, Xiangyu ; Yang, Zihao ; Li, Gen ; Zhou, Yue ; Yang, Junyou ; Chen, Zhe ; Hu, Shiyan
Source title: IEEE Transactions on Industrial Informatics
- 21. Accession number:** 20232314197117
Title: A Computationally Efficient Model Predictive Control Method for Dual Three-Phase PMSM of Electric Vehicle With Fixed Switching Frequency
Authors: Zhang, Zhifeng ; Sun, Quanzeng ; Zhang, Qingyi
Source title: IEEE Transactions on Industry Applications
- 22. Accession number:** 20231814032974
Title: Analytical Model for Electromagnetic Performance Prediction of IPM Motors Considering Different Rotor Topologies
Authors: Li, Shiqi ; Tong, Wenming ; Wu, Shengnan ; Tang, Renyuan
Source title: IEEE Transactions on Industry Applications
- 23. Accession number:** 20232714335395
Title: Analytical Solution of Magnetic Field in High-Speed Permanent Magnet Synchronous Machines with Novel Composite Rotor
Authors: Yao, Jinyu ; Zhang, Yue ; Wang, Huijun ; Xu, Zhenyao ; Zhang, Fengge ; Zhang, He
Source title: IEEE Transactions on Transportation Electrification
- 24. Accession number:** 20233614685555
Title: Multiscale Strength Analysis of a Composite Rotor on the High-Speed Motor
Authors: Wang, Zerun ; Zhang, Yue ; Wang, Huijun ; Wang, Tianyu ; Zhang, Fengge
Source title: IEEE Transactions on Transportation Electrification

- 25. Accession number:** 20233414602233
Title: Investigation of winding cooling enhancement and thermal modelling of large-power high-torque-density direct-drive PMSM
Authors: Song, Yongda ; Zhang, Yue ; Jin, Shi ; Xu, Zhenyao ; Zhang, Fengge
Source title: IET Electric Power Applications
- 26. Accession number:** 20232914422895
Title: SSA-SVR-Based Prediction Model of Charging Load for Electric Vehicles
Authors: Li, Yingying ; Dong, Jian ; Lu, Xinyi ; Yuan, Jiahui ; Wang, Haixin ; Yang, Junyou ; Hu, Shiyan
Source title: Journal of Circuits, Systems and Computers
- 27. Accession number:** 20231213792529
Title: Impedance Ground Faults Detection and Classification Method for DC Microgrid
Authors: Wang, Xiaodong ; Wang, Ruojin ; Liu, Yingming ; Gao, Xing
Source title: Journal of Electrical Engineering and Technology
- 28. Accession number:** 20233714706453
Title: Optimization Research on DC Air Circuit Breaker at High Altitudes Based on Arc Root Stagnation and Arc Reverse Movement Phenomena
Authors: Li, Jing ; Peng, Shidong ; Yi, Chenxi ; Huang, Hao ; Cao, Yundong ; Liu, Shuxin ; Zhou, Zhu
Source title: Journal of Electrical Engineering and Technology
- 29. Accession number:** 20233214493334
Title: Regulation strategy for industrial park considering wind power and electricity price based on the cooperative game model
Authors: Wang, Hongzhe ; Wang, Duo ; Yin, Hongyan ; Cui, Jia ; Bian, Zhenwei ; Tian, Yanfeng ; Wang, Zhe
Source title: Journal of Physics: Conference Series

(四) 信息科学与工程学院 (10 篇)

1. **Accession number:** 20234014826264
Title: High Efficiency Magnetic Induction System Development with Synchronous MPI Imaging
Authors: Bai, Shi ; Zhang, Xiaodan ; Zou, Yuqi ; Liu, Zhiyao ; Lin, Yuxi ; Huang, Ping ; Yoshida, Takashi
Source title: 2023 IEEE International Magnetic Conference - Short Papers, INTERMAG Short Papers 2023 - Proceedings
2. **Accession number:** 20234014826393
Title: High Resolution Enlarged Open-Bore Narrow-band Magnetic Particle Imaging Based on Double-layer Linear Scanning Structure
Authors: Bai, Shi ; Li, Tianshu ; Li, Kewen ; Huang, Ping ; Du, Zhongzhou ; Yoshida, Takashi ; Zhang, Min
Source title: 2023 IEEE International Magnetic Conference - Short Papers, INTERMAG Short Papers 2023 - Proceedings
3. **Accession number:** 20234014837880
Title: An Efficient Multimodal Fusion Pipeline for Nighttime 3D Object Detection with PointrendPainting
Authors: Peng, Xiting ; Zhang, Tingkai ; Zhang, Xiaoyu ; Dong, Mianxiong ; Ota, Kaoru
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(五) 管理学院 (1 篇)

1. **Accession number:** 20231413847845
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Authors: Zhang, Aobei ; Zhang, Ying ; Liu, Yanqiu
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(六) 理学院 (2 篇)

1. **Accession number:** 20233914799777
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Authors: Li, Jiawen ; Zhang, Yi ; Nie, Yingying ; Yang, Song
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(七) 建筑与土木工程学院 (3 篇)

- 1. Accession number:** 20232514256879
Title: Thermophysical properties of Cu-coated carbon fibers reinforced aluminum matrix composites by stir casting
Authors: Meng, Jin ; Huang, Jie ; Xu, Xuelu
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Authors: Mohammadzadeh, Ardashir ; Taghavifar, Hamid ; Zhang, Chunwei ; Alattas, Khalid A. ; Liu, Jinping ; Vu, Mai The
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(八) 软件学院 (2 篇)

- 1. Accession number:** 20234014832603
Title: Efficient and Enhanced Advanced Encryption Standard Algorithm with Chaos-Based Key Expansion
Authors: Xiao, Yucheng ; Jiang, Yan ; Xu, Leipeng
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Authors: Zhang, Guangyu ; Niu, Lianqiang
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(九) 人工智能学院 (6 篇)

1. **Accession number:** 20233214486299
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Authors: Liang, Yuling ; Xing, Jin ; Zhang, Juan ; Su, Hanguang
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Authors: He, Jichang ; Zhang, Zhijia ; Zhao, Huaici ; Yang, Jiale
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Authors: Sun, Chuxian ; Wang, Yanhong ; Zhang, Fan ; Li, Dong ; Tan, Yuanyuan ; Zhang, Jun
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4. **Accession number:** 20233814737712
Title: Controller Design for Positive T - S Fuzzy Systems with Input Constraints Based on Event-Triggered Mechanism
Authors: Zhou, Jiayi ; Zhang, Di
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5. **Accession number:** 20231413848861
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Authors: Su, Xiaojie ; Qing, Fandi ; Chang, Hongbin ; Wang, Shuoyu
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Authors: Fu, Rao ; Bi, Yuanguo ; Han, Guangjie ; Zhang, Xiaoling ; Liu, Li ; Zhao, Liang ; Hu, Bing
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(十) 环境与化学工程学院 (6 篇)

- 1. Accession number:** 20233814763949
Title: Recent Progress in Polymer Waste-Derived Porous Carbon for Supercapacitors
Authors: Wang, Song ; Dou, Jiali ; Holze, Rudolf ; Zhang, Tingting ; Ye, Lin ; Duan, Lin ; Xue, Jia ; Li, Sanxi ; Chen, Xuecheng
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- 2. Accession number:** 20232414212501
Title: Application of the PAPP/MCA/APP intumescent flame retardant system in polypropylene
Authors: Meng, Zhenhao ; Liu, Yang ; Wang, Song ; Zhang, Ailing ; Li, Sanxi
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- 3. Accession number:** 20232414246066
Title: Recovery of Valuable Metals from Spent Al₂O₃-Based Catalysts by Sodium Carbonate Roasting and Water Leaching
Authors: Liang, Xin ; Tang, Junjie ; Li, Laishi ; Wu, Yusheng
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- 4. Accession number:** 20233514628097
Title: Influence Mechanism of Phase Change on Leaching of Metal Elements from Ternary Lithium-Ion Battery Waste in Citric Acid
Authors: Wu, Xiaoyu ; Tang, Junjie ; Sun, Yuan ; Zhou, Yizhou
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- 5. Accession number:** 20233414621215
Title: Flame retardancy and mechanical properties of epoxy resin with the phytic acid-derived flame retardant
Authors: Wang, Song ; Meng, Lingchen ; Chen, Qi ; Li, Sanxi ; Zhang, Ailing
Source title: Journal of Applied Polymer Science
- 6. Accession number:** 20230613555955
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Authors: Tian, Chengcheng ; Li, Yang ; Wang, Ying ; Hu, Xinlu ; Liu, Li-Zhi ; Shi, Ying
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(十一) 石油化工学院 (2 篇)

- 1. Accession number:** 20232714329727
Title: Highly efficient removal of emulsified oil from oily wastewater by microfiltration carbon membranes made from phenolic resin/coal
Authors: Li, Hongchao ; Zhang, Bing ; Wu, Yonghong
Source title: Environmental Technology (United Kingdom)

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Authors: Su, Shuyu ; Xi, Yuan ; Dai, Yan ; Liu, Hongjing ; Wang, Hanli
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(十二) 化工装备学院 (3 篇)

1. **Accession number:** 20231513879440
Title: Numerical simulations and validation of gas - solid flows in a fluidized-bed roaster based on the CFD-DPM model
Authors: Ma, Xue-Yi ; Wang, De-Xi ; Liu, Bo ; Dong, Hui ; Zhao, Liang
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2. **Accession number:** 20233114481261
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Authors: Xue, Ke ; Wang, Jinjiao ; Zhu, Xiaoping ; Ma, Shengyu ; Fan, Jiale ; Zhao, Ruiming
Source title: Journal of Thermal Analysis and Calorimetry
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Title: Depicting and predicting changes of lung after lobectomy for cancer by using CT images
Authors: Wu, Yanan ; Pang, Haowen ; Shen, Jing ; Qi, Shouliang ; Feng, Jie ; Yue, Yong ; Qian, Wei ; Wu, Jianlin
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(十三) 其他: 未注明学院 (6 篇)

1. **Accession number:** 20233614664470
Title: Unveiling the X-Ray Absorption Chemistry of H_{3.78}V₆O₁₃ Cathode for Aqueous Zinc-Ion Batteries
Authors: Cao, Jin ; Zhang, Dongdong ; Yue, Yilei ; Yang, Xuelin ; Yang, Chenwu ; Niu, Jingjing ; Zeng, Zhiyuan ; Kidkhunthod, Pinit ; Wannapaiboon, Suttipong ; Zhang, Xinyu ; Qin, Jiaqian ; Lu, Jun
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- 2. Accession number:** 20232814371165
Title: A Multidirectional External Perception Soft Actuator Based on Flexible Optical Waveguide for Underwater Teleoperation
Authors: Mo, Liyan ; Zhang, Daohui ; Fu, Xin ; Dou, Jiansong ; Li, Kai ; Bai, Li ; Bai, Yunfei ; Zhang, Qifeng ; Zhao, Xingang
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- 3. Accession number:** 20233114466617
Title: Research on data imbalance classification based on oversampling method
Authors: Bai, Yuzhu ; Yu, Wei ; Feng, Haiwen
Source title: CAIBDA 2022 - 2nd International Conference on Artificial Intelligence, Big Data and Algorithms
- 4. Accession number:** 20233614673382
Title: Comprehensive Coefficient Correction and Sensitivity Analysis of Important Parameters of Material Fatigue Strength
Authors: Zhang, Tiezhu ; Zhang, Chunfeng ; Zhao, Haifeng ; Ma, Liping ; Yu, Shaoxuan ; Yu, Wei
Source title: Journal of Physics: Conference Series
- 5. Accession number:** 20233914794729
Title: Control Strategy of Circulating Current Suppression for Modular Multilevel Converter
Authors: Wang, Xiaolei ; Zheng, Quan ; Zhong, Jianying ; Zhang, Lixin ; Wang, Zhijun ; Wang, Nan ; Yan, Dengke
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Authors: Gao, Ying ; Zhao, Yuhang ; Yang, Ning ; Gao, Guimei ; Li, Shichun ; Liu, Darui
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