

2024 年第四季度
Ei Compendex 收录
沈阳工业大学论文统计

沈阳工业大学图书馆学科服务组
2024 年 12 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2024 年 10 月 1 日至 2024 年 12 月 31 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author 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、2024年第四季度 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 (82 篇)

1. **Accession number:** 20243717022227
Title: Molecular dynamics simulation of interfacial interaction mechanisms between ground tire rubber and styrene-butadiene rubber enhanced by nanomaterial incorporation
Authors: Jiang, Bowen ; Zhao, Jing ; Yang, Bin ; Yang, Yadi ; Li, Yunlong
Source title: Materials Today Communications
2. **Accession number:** 20243416914927
Title: Vibration characteristics of rotor system with coupling misalignment and disc-shaft nonlinear contact
Authors: Ma, Xingfu ; Li, Zhinong ; Xiang, Jiawei ; Chen, Changzheng ; Huang, Fengchao
Source title: Mechanical Systems and Signal Processing
3. **Accession number:** 20243617002888
Title: Nonlinear dynamic analysis of full-ceramic bearing-rotor systems considering dynamic waviness variations
Authors: Wang, Zhan ; Chen, Siyang ; Wang, Zinan ; Xu, Jiacaan ; Zhang, Ke
Source title: Nonlinear Dynamics
4. **Accession number:** 20243516937013
Title: Prediction method of particle size qualification rate of high-pressure roller mill based on end-edge-cloud synergy
Authors: Guo, Hairong ; Yan, MingYin ; Zhao, Jing ; Wang, Lanhao
Source title: PeerJ Computer Science
5. **Accession number:** 20243516956997
Title: Simulation of flow field based on constrained fluid for electrolyte jet control
Authors: Wang, Ying ; Yuan, Zewei ; Sun, Jingting ; Tang, Meiling ; He, Yan ; Ning, Zhiyuan
Source title: Physica Scripta
6. **Accession number:** 20243516948780
Title: Analysis of atomization characteristics and efficient synthesis of Mg(OH)₂ in micron scale atomization reactor
Authors: Yu, Honglei ; Li, Yunlong ; Wang, Dexi ; Fan, Lihua ; Zhuo, Maosheng
Source title: Physics of Fluids
7. **Accession number:** 20243516959452
Title: Investigation on mechanical and tribological properties of PTFE nanocomposites reinforced by surface-modified graphene using molecular dynamics simulations
Authors: Yang, Yadi ; Zhao, Jing ; Cui, Jianzheng ; Li, Yunlong ; Jiang, Bowen
Source title: Polymer Testing
8. **Accession number:** 20243516932178
Title: A one-step fabrication method of flexible magnetostrictive fiber ribbon based on Fe₅₀Co₅₀ alloy and its characteristics study
Authors: Liu, Huifang ; Zhao, Luyao ; Wang, Wanzhe ; Ren, Teng ; Chang, Yunlong ; Yu, Xingfu ; Han, Hui
Source title: Sensors and Actuators A: Physical
9. **Accession number:** 20243717021414

Title: Effect of Trace Element B on the Microstructure and Mechanical Properties of 8Cr4Mo4V Bearing Steel

Authors: Yu, Xingfu ; Wu, Ze ; Hao, Tianci ; Su, Yong ; Jia, Ying ; Wei, Yinghua

Source title: Steel Research International

10. Accession number: 20243717031781

Title: Effect of Martensite – Bainite Duplex Microstructure on Carbide Precipitation and Mechanical Properties of M50 Steel

Authors: Zheng, Dongyue ; Zhao, Wenzeng ; Yu, Xingfu ; Su, Yong ; Wei, Yinghua

Source title: Steel Research International

11. Accession number: 20243617005671

Title: Research on the thermal characteristics of motorized spindle under magnetic – thermal coupling based on digital twin

Authors: Wang, Zhan ; Zhu, Jintao ; Zhao, Jinbao ; Ke, Zhang ; Wang, Zinan

Source title: Transactions of the Canadian Society for Mechanical Engineering

12. Accession number: 20243516936823

Title: Microstructure and Properties of Laser Deposition Repair of GH738/K417G Superalloy

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

Source title: Xiyou Jinshu/Chinese Journal of Rare Metals

13. Accession number: 20244317230091

Title: Objective Sliding Mode Control for the Flotation Motor Replacement Process Based on a Stepwise Stochastic Configuration Network

Authors: Tang, Yunze ; Qiao, Jinghui ; Xiong, Ningkang

Source title: Applied Sciences (Switzerland)

14. Accession number: 20244117161601

Title: Dynamic modelling and simulation of a tethered-net in space

Authors: Chen, Pengxu; Wu, Chenchen; Ni, Zhiyu

Source title: Beijing Hangkong Hangtian Daxue Xuebao/Journal of Beijing University of Aeronautics and Astronautics

15. Accession number: 20244517319888

Title: Wear, corrosion and cavitation erosion behavior of WC-reinforced FeCrNiMnAl ceramic-high entropy alloy composite coatings by laser cladding

Authors: Yu, D.T. ; Wang, R. ; Wu, C.L. ; Wang, Z.Z. ; Zhao, X.B. ; Zhang, S. ; Zhang, C.H. ; Tao, X.P.

Source title: Ceramics International

16. Accession number: 20244117160030

Title: Jet cavitation-enhanced hydration method for the preparation of magnesium hydroxide

Authors: Zuo, Maosheng ; Yu, Honglei ; Wang, Dexi ; Fan, Lihua

Source title: Chemical Engineering and Processing - Process Intensification

17. Accession number: 20244617349018

Title: Improved design method for gas carburizing process through data-driven and physical information

Authors: Wang, Xuefei; Luo, Chunyang; Jiang, Di; Wang, Haojie; Wang, Zhaodong

Source title: Computational Materials Science

- 18. Accession number:** 20244617360071
Title: Effect of aged treatment on improving the performance of HVOF WC - Cr₃C₂ - Ni coating on crystallization roller
Authors: Zhang, Diyao; Qu, Sheng; Peng, Zijun; Liu, Zhenli; Yu, Jingkun; Yuan, Lei
Source title: Engineering Fracture Mechanics
- 19. Accession number:** 20244617360780
Title: A Reliability Calculation Method for a Multistate System with Unidirectional Performance Sharing
Authors: Sun, Yao ; Zhou, Jie ; Sun, Zhili ; Wei, Zhe
Source title: IEEE Access
- 20. Accession number:** 20243917104439
Title: Adaptive Neural Control With Guaranteed Performance for Mechanical Systems Under Uncertain Initial Conditions: A Time-Varying Neuron Approach
Authors: Yang, Di ; Liu, Weijun ; Li, Zhiwu
Source title: IEEE Transactions on Systems, Man, and Cybernetics: Systems
- 21. Accession number:** 20244517331589
Title: The performance evaluation of hybrid roller bearings under lubricant contamination conditions
Authors: Zhao, Xudong ; Zhang, Yimin
Source title: Industrial Lubrication and Tribology
- 22. Accession number:** 20244317233143
Title: Fuzzy serial-parallel stochastic configuration networks based on nonconvex dynamic membership function optimization
Authors: Qiao, Jinghui; Qiao, Jiayu; Gao, Peng; Bai, Zhe; Xiong, Ningkan
Source title: Information Sciences
- 23. Accession number:** 20244417284967
Title: Investigation of the micro-cutting mechanism of T700 CFRP composites using ultra-thin dicing blade
Authors: Riaz, Ali ; Yuan, Zewei ; Chohan, Bilal shabbir
Source title: Information Sciences
- 24. Accession number:** 20244217220357
Title: Thermodynamic behavior and microstructure evolution of Inconel 718 alloy by laser metal deposition
Authors: Zhang, Kai ; Ye, Tianqing ; Geng, Jingtao ; Liu, Weijun ; Liu, Chengwei ; Wang, Wenlong ; Wang, Huiru
Source title: International Journal of Heat and Mass Transfer
- 25. Accession number:** 20244317255010
Title: Effect of the Absorption Layer on the Microstructure and Mechanical Properties of M50 Steel by Laser Shock Peening
Authors: Liu, Weijun ; Sun, Yufeng ; Yu, Xingfu ; Su, Yong ; Li, Chunguang
Source title: JOM
- 26. Accession number:** 20244017137038
Title: Influences of friction stir processing on the microstructure and properties of TC4 titanium alloy by laser metal deposition

- Authors:** Zhang, Kai ; Li, Binghan ; Liu, Weijun ; Liu, Weidong ; Wang, Wenlong ; Wang, Huiru ; Bian, Hongyou
Source title: Journal of Alloys and Compounds
- 27. Accession number:** 20244117157068
Title: Fretting Fatigue Damage of Titanium Alloy Clinched Structure
Authors: Lei, Lei ; Shi, Ye ; He, Xiacong
Source title: Journal of Materials Engineering and Performance
- 28. Accession number:** 20244517322577
Title: A process parameters decision approach considering spindle vibration in helical surface milling for minimising energy consumption and surface roughness value
Authors: Zhang, Weifeng ; Sun, Xingwei ; Yang, Heran ; Liu, Yin ; Dong, Zhixu ; Zhao, Hongxun ; Mu, Shibo ; Chen, Jiahao
Source title: Journal of the Brazilian Society of Mechanical Sciences and Engineering
- 29. Accession number:** 20244217189170
Title: Comparative study of tool wear mechanisms in drilling ZrO₂ ceramics using various tool types
Authors: Liu, Yin ; Lv, Shicong ; Sun, Xingwei ; Yang, Heran ; Dong, Zhixu ; Mu, Shibo ; Zhang, Weifeng ; Gong, Yadong
Source title: Journal of the Brazilian Society of Mechanical Sciences and Engineering
- 30. Accession number:** 20244117170850
Title: Enhancing Wear Resistance and Erosion Wear Performance of Laser Additive Manufactured 17-4PHss through Solution Aging Treatment
Authors: Wang, T. ; Wang, M.S. ; Xu, T.Z. ; Wu, C.L. ; Zhang, C.H. ; Zhang, S. ; Chen, H.T. ; Chen, J.
Source title: Journal of Thermal Spray Technology
- 31. Accession number:** 20244317253826
Title: Simplified Approach for Assessing the Explosive Residual Strength of Ship Hulls
Authors: Wu, Jiaxin ; Yan, Ming ; Sun, Xingwei
Source title: Latin American Journal of Solids and Structures
- 32. Accession number:** 20244517319593
Title: Effects of laser energy density on the resistance to wear and cavitation erosion of FeCrNiMnAl high entropy alloy coatings by laser cladding
Authors: Yu, D.T. ; Wang, R. ; Wu, C.L. ; Wang, Z.Z. ; Zhang, S. ; Zhang, C.H. ; Chen, H.T. ; Tao, X.P.
Source title: Materials Chemistry and Physics
- 33. Accession number:** 20244417279557
Title: Effect of gradually decreasing laser power on the microstructure and properties of laser melting deposited Inconel 718Plus alloy thin-wall
Authors: Zhang, Lindong ; Liu, Weijun ; Bian, Hongyou ; Wang, Huiru ; Li, Qiang
Source title: Materials Today Communications
- 34. Accession number:** 20244017148268
Title: Nonlinear vibration characteristics of a rotor-bearing system with disc-shaft insufficient interference and flexible coupling misalignment fault
Authors: Ma, Xingfu ; Li, Zhinong ; Chen, ChangZheng ; Huang, Fengchao

- Source title:** Measurement Science and Technology
- 35. Accession number:** 20244517337737
Title: Modeling and characteristic analysis of reflection polarization on coating surface based on Monte Carlo method
Authors: Zhixu, Dong ; Shu, Yang ; Pengtao, Bai ; Mengnan, Sun
Source title: Optical Engineering
- 36. Accession number:** 20243917088596
Title: Microstructure and mechanical properties of TiC/Ti6Al4V composite fabricated by concurrent wire-powder feeding laser-directed energy deposition
Authors: Wang, Chenyang ; Liu, Xiangyu ; Xing, Fei ; Xu, Guojian ; Bian, Hongyou ; Liu, Weijun
Source title: Optics and Laser Technology
- 37. Accession number:** 20244417288265
Title: Effect of laser fluence on the cleaning quality and surface properties of TA15 titanium alloy surface paint layer
Authors: Wang, Wei ; Jiang, Qingyu ; Liu, Weijun ; Xing, Fei ; Yao, Tianhao
Source title: Optics and Laser Technology
- 38. Accession number:** 20244117165759
Title: Effects of nanocutting environments on the electronic structure of armchair-type graphene nanoribbons: the first-principles study
Authors: Tang, Meiling ; Yuan, Zewei ; Sun, Jingting ; He, Yan ; Ran, Di ; Wang, Ying ; Feng, Yusen ; Zhou, Xinbo
Source title: Physica Scripta
- 39. Accession number:** 20244017127302
Title: Molecular Dynamics Simulation and Experimental Study of the Mechanical and Tribological Properties of GNS-COOH/PEEK/PTFE Composites
Authors: Dong, Zhen ; Tang, Henan ; Yang, Bin ; Wang, Shijie ; Li, Yunlong ; Liu, Lin
Source title: Polymers
- 40. Accession number:** 20244117182497
Title: Effect of shaft deflection on the dynamic behaviors of the ceramic bearing rotor system within wide temperature ranges
Authors: Bai, Xiaotian ; Yang, Wuzhe ; Shi, Huaitao ; Zhang, Ke ; Luo, Zhong ; Zheng, Hao ; Niu, Siqi
Source title: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science
- 41. Accession number:** 20244517340916
Title: Design and experiment of magnetostrictive-electromagnetic hybrid floor vibration energy harvester
Authors: Liu, Huifang ; Wang, Chao ; Zhao, Luyao ; Chang, Yunlong ; Gao, Yifei ; Ren, Teng
Source title: Smart Materials and Structures
- 42. Accession number:** 20244117171669
Title: Effect of Carbide Precipitation on Hardness and Wear Resistance of H13 Steel

- Authors:** Yu, Xingfu ; Ma, He ; Su, Yong ; Wei, Yinghua ; Sun, Yufeng ; Yang, Shuai ; Zheng, Dongyue
- Source title:** Steel Research International
- 43. Accession number:** 20244317229943
- Title:** Effect of Spot Overlap Rate on Surface Quality and Wear Resistance of Laser Cleaned Aluminum Alloy Anodic Oxide Film
- Authors:** Wang, Wei ; Li, Xiaoxu ; Liu, Weijun ; Li, Xiangjin ; Xing, Fei ; Zhou, Xianmin
- Source title:** Surface Technology
- 44. Accession number:** 20244517333394
- Title:** Study on the wear performance of 304 stainless steel aerospace joint bearings
- Authors:** Sun, Jingting ; Yuan, Zewei ; Zheng, Peng ; He, Yan ; Tang, Meiling ; Wang, Ying
- Source title:** Surface Topography: Metrology and Properties
- 45. Accession number:** 20244117182675
- Title:** DYNAMIC RESPONSE ANALYSIS OF MULTI-CORROSION-AGED FLOATING OFFSHORE WIND TURBINE
- Authors:** Li, Jixu ; Sun, Chuanzong ; Tian, Haonan ; Cong, Xin ; Yan, Ming
- Source title:** Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 46. Accession number:** 20244117182675
- Title:** DYNAMIC RESPONSE ANALYSIS OF MULTI-CORROSION-AGED FLOATING OFFSHORE WIND TURBINE
- Authors:** Li, Jixu ; Sun, Chuanzong ; Tian, Haonan ; Cong, Xin ; Yan, Ming
- Source title:** Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 47. Accession number:** 20243917095919
- Title:** Evaluation and analysis of abrasive wear resistance of hybrid roller bearings under lubricant contamination
- Authors:** Zhao, Xudong ; Zhang, Yimin ; Gao, Shuzhi
- Source title:** Wear
- 48. Accession number:** 20244317261907
- Title:** Influence of spindle vibration of screw milling machine on surface quality of a screw rotor
- Authors:** Lin, Zeli ; Sun, Xingwei ; Yang, Heran ; Zhang, Weifeng ; Dong, Zhixu ; Zhao, Hongxun
- Source title:** Zhendong yu Chongji/Journal of Vibration and Shock
- 49. Accession number:** 20244817452004
- Title:** Semi-analytical model and vibrational energy recovery efficiency of piezoelectric beams with quasi-periodic additional acoustic black holes
- Authors:** Yang, Mingzheng ; Chen, Changzheng ; Wei, Linru ; Chen, Xiaoping ; Sun, Xianming ; Fu, Hao
- Source title:** Applied Physics A: Materials Science and Processing
- 50. Accession number:** 20244817450955
- Title:** A Tuning Method for Speed Tracking Controller Parameters of Autonomous Vehicles
- Authors:** Chen, Jianqiao ; Tian, Guofu
- Source title:** Applied Sciences (Switzerland)
- 51. Accession number:** 20244917480470

Title: Effect of Deformation Rate on Microstructure and Hardness of Cold-rolled GCr15 Steel Bearing Ring

Authors: Su, Yong ; Liu, Can ; Zhang, Hongwei ; Yu, Xingfu ; Hao, Tianci

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

52. Accession number: 20244717399737

Title: Enhancing mixing characteristics of MgCl₂ solution within atomization nozzles: A computational fluid dynamics investigation of structural parameter

Authors: Yu, Honglei ; Fan, Lihua ; Wang, Dexi ; Yang, Hanshuo ; Gong, Ze ; Li, Yunlong

Source title: Chemical Engineering Research and Design

53. Accession number: 20244817443746

Title: Adaptive PCI Allocation in Heterogeneous Networks: A DRL-Driven Framework With Hash Table, FAGA, and Guiding Policies

Authors: Li, Jiani ; Yang, Heng ; Li, Shanshan ; Liu, Zhenyu ; Wang, Weiran

Source title: IEEE Transactions on Cognitive Communications and Networking

54. Accession number: 20245017519427

Title: UCFA-Net: A U-shaped cross-fusion network with attention mechanism for enhanced polyp segmentation

Authors: Wang, Shuai ; Zhao, Tiejun ; Wang, Guocun ; Han, Ye ; Wu, Fan

Source title: IET Image Processing

55. Accession number: 20244717376679

Title: Particle sedimentation in cored-wire-arc directed energy deposition: Particle migration and suppression mechanism via ultrasonic vibration

Authors: Yang, Junwei ; Yi, Hao ; Jia, Le ; Dong, Zhixu ; Cao, Huajun

Source title: International Journal of Heat and Mass Transfer

56. Accession number: 20244917474878

Title: Research on Optimization of Human-Machine Interface Layout of Laser Cleaning Equipment Based on PSO-SSA

Authors: Wang, Xu ; Jiang, Xingyu ; Yang, Guozhe ; Sun, Meng ; Yu, Shenhong ; Bi, Kaihang ; Zhao, Rizheng ; Liu, Weijun

Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering

57. Accession number: 20244717390822

Title: Research Progress on Fatigue Damage of Integrally Stiffened Structure

Authors: Gao, Chong ; Dong, Lihong ; Wang, Haidou ; Liu, Bin ; Lü, Xiaoren

Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering

58. Accession number: 20245017500851

Title: Analysis of remelted layers of DD6 single-crystal superalloys by water jet-guided laser processing

Authors: Li, Daixu ; Xing, Fei ; Jia, Xingli ; Suo, Hongbo ; Li, Endian ; Wu, Fan

Source title: Journal of Alloys and Compounds

59. Accession number: 20244717403421

Title: The heating effect analysis of electromagnetic induction heating system based on the multi objective optimization strategy

Authors: Wang, Borui ; Yan, Mingyin

Source title: Journal of Energy Storage

- 60. Accession number:** 20244717409236
Title: Numerical and Experimental Analysis on Low-pressure Carburizing Process of M50NiL Navy C-Ring
Authors: Li, Jiadong ; Liu, Jing ; An, Xiaoxue ; Wang, Haojie ; Wang, Zhaodong
Source title: Journal of Materials Engineering and Performance
- 61. Accession number:** 20244817441367
Title: A molecular dynamics study on the mechanical and tribological behaviors of nitrile butadiene rubber composites reinforced by boron nitride nanotubes
Authors: Zhang, Xiaokun ; Wang, Dexi ; Cui, Jianzheng ; Zhao, Jing ; Yang, Yadi ; Li, Yunlong
Source title: Materials Today Communications
- 62. Accession number:** 20245017497940
Title: Rolling bearing performance assessment with degradation twin modeling considering interdependent fault evolution
Authors: Li, Tao ; Shi, Huaitao ; Bai, Xiaotian ; Li, Naipeng ; Zhang, Ke
Source title: Mechanical Systems and Signal Processing
- 63. Accession number:** 20245017497586
Title: Meshing theory of point-contact conical-envelope cylindrical worm-face worm gear drive
Authors: Mu, Shibo ; Sun, Xingwei ; Dong, Zhixu ; Yang, Heran ; Liu, Yin ; Zhang, Weifeng ; Meng, Qingxiang ; Zhao, Yaping
Source title: Mechanism and Machine Theory
- 64. Accession number:** 20244717376347
Title: Molecular dynamics study on the enhancement of high-temperature friction and mechanical properties of perfluoroelastomers by carbon nanomaterials
Authors: Jin, Shengbo ; Qiao, Heting ; Zhao, Jing
Source title: Polymer Composites
- 65. Accession number:** 20244817444877
Title: Experimental Study on Preparation of Nano ZnO by Hydrodynamic Cavitation-Enhanced Carbonization Method and Response Surface Optimization
Authors: Guo, Jinyuan ; Yu, Honglei ; Wang, Dexi ; Chen, Gong ; Fan, Lin ; Yang, Hanshuo
Source title: Processes
- 66. Accession number:** 20244817420273
Title: A hybrid piezoelectric-electromagnetic body energy harvester: design and experiment validation
Authors: Guo, Hui ; Wang, Jinyue ; Dong, Ruihong ; Song, Yuanyuan ; Zhou, Ran ; Jin, Junjie ; Xu, Fangchao ; Sun, Feng
Source title: Smart Materials and Structures
- 67. Accession number:** 20244917460103
Title: The Effect of Cold Ring Rolling on the Heat Treatment Microstructure and Wear Resistance of GCr15 Bearing Steel
Authors: Hao, Tianci ; Yu, Xingfu ; Yu, Penghan ; Wei, Yinghua ; Su, Yong
Source title: Steel Research International
- 68. Accession number:** 20244917490634

- Title:** Microstructure and Properties of Triballoy T-800/WC Composite Coating Deposited on DZ125 Directionally Solidified Superalloy by Laser Melting Deposition
Authors: Xu, Xiaowen ; Bian, Hongyou ; Liu, Weijun ; Xing, Fei ; Wang, Wei
Source title: Surface Technology
- 69. Accession number:** 20244917490656
Title: Air Jet Polishing Method of Superelastic Composite Abrasives
Authors: Wang, Xu ; Zhang, Jiawei ; Lyu, Binghai ; Deng, Qianfa ; Yuan, Zewei ; Yuan, Julong
Source title: Surface Technology
- 70. Accession number:** 20245017500761
Title: Model predictive control parameter optimization method for autonomous vehicles
Authors: Chang, Tiangen ; Tian, Guofu ; Zhang, Sen ; Zhang, Jiabin
Source title: Transactions of the Institute of Measurement and Control
- 71. Accession number:** 20244917491095
Title: A study on bearing fault diagnosis based on ACYCBD-MTF-MobileViT under strong noise
Authors: Liu, Jie ; Tan, Yutao ; Yang, Na
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
- 72. Accession number:** 20245017509763
Title: A study on damage accumulation of random multiple impact based on a grey Markov model
Authors: Chen, Zhuo ; Yan, Ming ; Jin, Yingli
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
- 73. Accession number:** 20245217568228
Title: Amplitude-Phase control algorithm based on fuzzy PI against vibration fluctuation of ultrasonic surgical instruments
Authors: Wang, Linwei ; Yan, Ming ; Liu, Yu ; Wang, Dan
Source title: Applied Acoustics
- 74. Accession number:** 20245117530948
Title: Microstructure evolution and mechanical properties of in-situ Ti6Al4V - TiB-Ti2Ni composites manufactured by laser directed energy deposition
Authors: Wang, Yushi ; Yang, Guang ; Zhang, Shengnan ; Zhou, Siyu ; Li, Bobo ; An, Da ; He, Bo ; Li, Xintong ; Xiao, Yongjie ; Lin, Pengxiang
Source title: Composites Part B: Engineering
- 75. Accession number:** 20245217575840
Title: Preliminary Design and Control of an Ankle Rehabilitation Robot with Variable Stiffness Actuator
Authors: Luo, Laibin ; Wei, Zhe ; Sun, Yao ; Zhang, Wenxin ; Zhou, Jie
Source title: IEEE Access
- 76. Accession number:** 20245217581569
Title: Adaptive UE Handover Management with MAR-Aided Multivariate DQN in Ultra-Dense Networks
Authors: Wang, Weiran ; Yang, Heng ; Li, Shanshan ; Liu, Xue ; Wan, Zhaojun
Source title: Journal of Network and Systems Management

- 77. Accession number:** 20245117529413
Title: A dual-mode hybrid magnetic high-static-low-dynamic stiffness vibration isolator
Authors: Zhang, Ming ; Li, Hongtao ; Zhang, Lei ; Sun, Feng ; Sun, Xingwei ; Oka, Koichi
Source title: Journal of Sound and Vibration
- 78. Accession number:** 20245217585252
Title: Evolutionary mechanism analysis of Laves phase precipitation behavior and wear resistance of laser-directed energy deposited T-800 alloy coatings on K417G alloy at various aging temperatures
Authors: Zhang, Guangtai ; Liu, Weijun ; Bian, Hongyou ; Wang, Chengbo ; Li, Qiang ; Wang, Huiru
Source title: Materials Letters
- 79. Accession number:** 20245117548432
Title: Molecular dynamics and experimental study of mechanical and tribological properties of graphene-reinforced nitrile butadiene rubber - phenolic resin composites
Authors: Li, Yunlong ; Chen, Zhiju ; Qian, Cheng ; Wang, Shijie ; Nie, Rui
Source title: Polymer Composites
- 80. Accession number:** 20245117536805
Title: Study on Acoustic Emission Characteristics and Damage Mechanism of Wind Turbine Blade Main Spar with Different Defects
Authors: Zhang, Yanan ; Xue, Shaojie ; Chen, Chuanyong ; Ma, Tianchang ; Zhou, Bo
Source title: Polymers
- 81. Accession number:** 20245117529650
Title: Microstructure, performance, strengthening and toughening mechanisms of WC-reinforced Inconel 625 gradient composite coating by laser cladding on nonmagnetic steel
Authors: Zhang, Kai ; Liu, Chenghui ; Wang, Wenlong ; Ju, Huaicheng ; Liu, Weijun ; Wang, Huiru ; Bian, Hongyou
Source title: Surface and Coatings Technology
- 82. Accession number:** 20245217580079
Title: Impact damage accumulation and life prediction method for key components of ship equipment
Authors: Chen, Zhuo ; Yan, Ming ; Jin, Yingli
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- 1. Accession number:** 20243516934396
Title: Loading path relevance of {10 (Formula Presented) 2} tensile twins in AZ31 magnesium alloy
Authors: Liu, Weidi ; Zhou, Le ; Mao, Pingli ; Wang, Zhi ; Wei, Ziqi ; Wang, Feng ; Liu, Zheng
Source title: Materials Science and Technology (United Kingdom)
- 2. Accession number:** 20243616983123
Title: Towards improved description of plastic anisotropy in sheet metals under biaxial loading: A novel generalization of Hill48 yield criterion
Authors: Mu, Zhenkai; Wang, Wei; Zhang, Shuangjie; Zheng, Zhenhua; Yan, Huajun; Liu, Shishuang; Ma, Shibo; Du, Kai; Hou, Yong
Source title: Materials Today Communications
- 3. Accession number:** 20243516943001
Title: Molecular dynamics study of Gr(GO)/C-A-S-H composites at different temperatures: optimization of structural, dynamic and mechanical properties of civil engineering materials
Authors: He, Jianlin ; Arab, Ali ; Zhang, Chunwei
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- 4. Accession number:** 20243817063100
Title: A machine learning method based on TPE-XGBoost model for TRIP/TWIP near- β titanium alloy design
Authors: Wang, Zheng ; Zhang, Haoyu ; Wang, Shengyuan ; Cheng, Jun ; Wang, Chuan ; Zhou, Ge ; Zhang, Siqian ; Chen, Lijia
Source title: Materials Today Communications
- 5. Accession number:** 20243717013231
Title: Rolling Al0.3CrFeNiCu1.5 alloy guided by hot simulation and fracture toughness of rolling alloy sheet
Authors: Na, Rongyi ; Dong, Shulin ; Qu, Yingdong ; Chen, Ruirun ; Li, Guanglong ; Zhang, Wei ; Zhang, Siruo ; Liu, Shibing
Source title: Materials Today Communications
- 6. Accession number:** 20243717034541
Title: Influence of Ni content on electrochemical corrosion and tribological behavior of Cu-10Sn coatings by laser cladding
Authors: Hu, P.K. ; Wu, H. ; Wang, R. ; Zhang, C.H. ; Zhang, S. ; Wu, C.L. ; Huo, F.P. ; Chen, H.T.
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- 7. Accession number:** 20243516932178
Title: A one-step fabrication method of flexible magnetostrictive fiber ribbon based on Fe50Co50 alloy and its characteristics study
Authors: Liu, Huifang ; Zhao, Luyao ; Wang, Wanzhe ; Ren, Teng ; Chang, Yunlong ; Yu, Xingfu ; Han, Hui
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- 8. Accession number:** 20243516954583

- Title:** Sub - 3 nm ultrafine Cu₂O for electroreduction of carbon dioxide to ethane
Authors: You, Junhua; Chen, Junpeng; Wang, Xu; Ren, Jiali; Zhang, Hangzhou; Zhang, Qi; Tian, Jian; Liu, Jiabin
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Title: CFs-supported La-BiOIO₃/Bi₂O₃ heterostructures via in situ growth strategies for efficiently removing diclofenac: Fermi level modulation, intermediates identification and radical mechanism
Authors: Zhang, Kunlong ; Li, Mingchun ; Song, Minggao ; Mu, Hanlin ; Jin, Bingbing ; Qu, Xiaohan ; Wang, Ruiyang ; Wu, Yusheng ; Li, Laishi
Source title: Separation and Purification Technology
- 10. Accession number:** 20243717021414
Title: Effect of Trace Element B on the Microstructure and Mechanical Properties of 8Cr₄Mo₄V Bearing Steel
Authors: Yu, Xingfu ; Wu, Ze ; Hao, Tianci ; Su, Yong ; Jia, Ying ; Wei, Yinghua
Source title: Steel Research International
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Title: Effect of Surface Dissolution on the Floatability of Brucite in Three Anionic Collector Systems
Authors: Gong, Xiufeng ; Yao, Jin ; Yin, Wanzhong ; Song, Ningbo ; Wang, Yulian
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Title: Stress Corrosion Behavior of Near- β Titanium Alloy Ti-3Al-5Mo-4Nb-4Cr-2Zr with Different Phase Composition
Authors: Wang, Chuan ; Zhang, Haoyu ; Chen, Lijia ; Zhou, Ge ; Cheng, Jun ; Zhang, Siqian
Source title: Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering
- 13. Accession number:** 20243817060253
Title: Influence of Post-Treatment Process on Microstructure and Properties of Laser Additively Manufactured Nickel-Based Superalloy
Authors: Chen, Shuang ; Yang, Yanhong ; Guo, Zhiqiang ; Liang, Jingjing ; Li, Jinguo ; Zhou, Yizhou
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Title: Effect of Different Sizes of α Phase on Tensile Properties of Metastable β Titanium Alloy Ti-5.5Cr-5Al-4Mo-3Nb-2Zr
Authors: Lao, Zhenhong ; Zhang, Haoyu ; Wang, Shengyuan ; Cheng, Jun ; Tan, Bing ; Zhou, Ge ; Zhang, Siqian ; Chen, Lijia
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- 15. Accession number:** 20243817060247
Title: Influence of Holding Time on Hot Deformation Behavior of Hard-Deformed Superalloy U720Li
Authors: Zang, Ximin ; Zhao, Guangdi ; Wu, Jinjiang ; Jiang, Haoyuan ; Yao, Xiaoyu
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- Title:** State of the Art on Self-lubrication of Boron Carbide Ceramics
Authors: Zhang, Wei ; Zhang, Jie
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- 17. Accession number:** 20244117157439
Title: Superplastic Deformation Behavior of 2 mm Ti60 Rolled Sheet in Air Environment
Authors: Dong, Shulin ; Qu, Shiwen ; Chen, Zhiyong ; Qu, Yingdong ; Chen, Ruirun ; Li, Guanglong ; Zhang, Wei ; Liu, Shibing
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- 18. Accession number:** 20243917113078
Title: De-Passivation and Surface Crystal Plane Reconstruction via Chemical Polishing for Highly Reversible Zinc Anodes
Authors: Cao, Jin ; Wang, Xu ; Qian, Shangshu ; Zhang, Dongdong ; Luo, Ding ; Zhang, Lulu ; Qin, Jiaqian ; Zhang, Xinyu ; Yang, Xuelin ; Lu, Jun
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Authors: Ning, Chenhong; Gao, Shuohong; Zheng, Jiangpeng; Wang, Xiao; Yang, Junhong; Su, Yunhai; Liu, Min; Yan, Xingchen
Source title: Cailiao Daobao/Materials Reports
- 20. Accession number:** 20244617366212
Title: Impact resistance of polyvinyl alcohol-polypropylene fiber toughened foamed concrete under low-velocity impact: experiments and 3D meso-scale modelling
Authors: Shi, Xinxin ; Ning, Baokuan ; Wang, Junxiang ; Cui, Taotao ; Zhao, Weifeng ; Li, Anqi
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- 21. Accession number:** 20244517319888
Title: Wear, corrosion and cavitation erosion behavior of WC-reinforced FeCrNiMnAl ceramic-high entropy alloy composite coatings by laser cladding
Authors: Yu, D.T. ; Wang, R. ; Wu, C.L. ; Wang, Z.Z. ; Zhao, X.B. ; Zhang, S. ; Zhang, C.H. ; Tao, X.P.
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Title: Improved comprehensive performance of high entropy rare earth aluminate as T/EBC materials by phase structure regulation
Authors: Zhao, Xiuyi ; Yang, Zeshan ; Yue, Wanqiang ; Wang, Chao ; Wang, Zhanjie
Source title: Ceramics International
- 23. Accession number:** 20244317264193
Title: Co-solvent electrolyte-induced zinc anode surface reconstruction for high performance zinc ion batteries
Authors: Cui, Peng; Wang, Tiantian; Wang, Zihan; Geng, Heshun; Song, Pengcheng; Hu, Fang; You, Junhua; Zhu, Kai
Source title: Chemical Engineering Journal
- 24. Accession number:** 20244217220301

Title: Experimental quantification of interparticle forces in gas-solid fluidized beds operating at temperatures from ambient to 1500 ° C

Authors: Zhang, Qingjin ; Fu, Liangliang ; Xu, Guangwen ; Bai, Dingrong

Source title: Chemical Engineering Research and Design

25. Accession number: 20244517315918

Title: UV light-triggered fluorescence corrosion sensing coatings for AA2024-T3 based on 8-hydroxyquinoline loaded vanadium oxide nanorods

Authors: Ahmed, Sharjeel; Shi, Hongwei; Ali, Mustehsin; Liu, Fuchun; Lin, Ma; Han, En-Hou

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

26. Accession number: 20244417292805

Title: Numerical Study on Heat Transfer Efficiency and Inter-Layer Stress of Microchannel Heat Sinks with Different Geometries

Authors: Liu, Fangqi; Jia, Lei; Zhang, Jiaxin; Yang, Zhendong; Wei, Yanni; Zhang, Nannan; Lu, Zhenlin

Source title: Energies

27. Accession number: 20244317244984

Title: Numerical and experimental research on the bearing characteristics and failure mechanism of zinc-cast socket termination for wire rope. Part 1: Methodology and theory

Authors: Su, Haipeng; Xia, Yifan; Deng, Lu; Zhang, Xiao; Li, Jibo; Zhou, Qingyu; Jia, Chunni; Chen, Xiangjun; Wang, Pei; Li, Dianzhong

Source title: Engineering Failure Analysis

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Title: Development and application of finite element methods in research field of thermal barrier coatings

Authors: Liu, Yankuan; Wang, Yuansheng; Wang, Lulu

Source title: Hangkong Dongli Xuebao/Journal of Aerospace Power

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Title: Hot Tearing Susceptibility and Solidification Behavior of Mg-xGd-(4-x)Y-2Ni-0.5Zr Alloys

Authors: Yin, Xiunan; Wang, Chunxia; Liu, Zheng; Lao, Yunfei; Liu, Zhenglong; Li, Yinghao

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30. Accession number: 20244117159482

Title: Prediction of flow and dynamic recrystallization behavior based on three machine learning methods for a novel duplex-phase titanium alloy

Authors: Zhang, Shuai ; Zhang, Haoyu ; Wang, Chuan ; Zhou, Ge ; Cheng, Jun ; Zhang, Zhongshi ; Wang, Xiaohu ; Chen, Lijia

Source title: Intermetallics

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Title: Lowering rate-determining step energy barrier to promote electrocatalytic reduction of CO₂ to multicarbon products over oxygen-rich vacancy CuO catalysts

Authors: Ni, Zhiyuan; Yu, Tao; Li, Xiang; Liu, Chunming; You, Junhua; Liu, Xuanwen; Guo, Rui; Zhang, Hangzhou; Li, Hongyu

- Source title:** International Journal of Hydrogen Energy
- 32. Accession number:** 20244617352978
Title: Effect of Sc Addition and Heat Treatment on the Fracture Behavior of Al-20%Mg₂Si Composites: Experiments and Finite Element Simulations
Authors: Xue, Zou ; Shuyuan, Song ; Tongyu, Liu ; Dongyu, Bai
Source title: International Journal of Metalcasting
- 33. Accession number:** 20244317254940
Title: Study on Arc Behavior and Weld Formation of Magnetically Controlled Narrow Gap TIG Welding
Authors: Zhao, Honglei ; Zhang, Siyu ; Yu, Xianglong ; Li, Yiwen ; Miao, Junyan ; Xu, Xiaolong ; Chang, Yunlong
Source title: International Journal of Precision Engineering and Manufacturing
- 34. Accession number:** 20244617361259
Title: Tearing properties, crystallization behavior, microstructure, and morphology of LLDPE with different short branched chain distributions
Authors: Ren, Yi ; Shao, Wenjun ; Wang, Ying ; Liu, Li-Zhi
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- 35. Accession number:** 20244517338093
Title: Phenomenological Constitutive Model and Physical Constitutive Model of Hot Deformed Dual-Phase Ti-5Al-4Sn-2Zr-5Mo Alloy
Authors: Man, Yangyang ; Zhang, Haoyu ; Cheng, Jun ; Zhou, Ge ; Chen, Lijia ; Zhang, Nannan ; Jiang, Yingbin ; Wang, Yinghui
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- 36. Accession number:** 20244317265358
Title: The latest advances in the deep reconstruction of pre-catalysts for the oxygen evolution reaction
Authors: Wang, Haibin; Wang, Hongxin; Hu, Qiming; Wang, Biao; Lei, Xuefei; You, Junhua; Guo, Rui
Source title: Journal of Alloys and Compounds
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Title: Corrigendum to 'The latest advances in the deep reconstruction of pre-catalysts for the oxygen evolution reaction'
Authors: Wang, Haibin ; Wang, Hongxin ; Hu, Qiming ; Wang, Biao ; Lei, Xuefei ; You, Junhua ; Guo, Rui
Source title: Journal of Alloys and Compounds
- 38. Accession number:** 20244617355150
Title: Effect of solid solution treatment on adiabatic shear bands of extruded Mg-6Zn-1Cu-0.6Zr alloy
Authors: Wang, Zhi ; Xu, Chenkun ; Zhu, Ran ; Zhou, Le ; Wang, Feng ; Zhang, Weihang ; Wei, Ziqi ; Mao, Pingli
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Title: Influence of phase composition and stress on the corrosion behavior of metastable β titanium alloy Ti-5Mo-5V-6Cr-3Al in 15 wt% HCl solution

Authors: Yan, Liyuan ; Zhang, Haoyu ; Zhang, Shuai ; Cheng, Jun ; Zhou, Ge ; He, Yixuan ; Chen, Lijia

Source title: Journal of Alloys and Compounds

40. Accession number: 20244117184018

Title: Achieving constant magnetic permeability in Fe-based nanocrystalline alloys by Ni alloying and magnetic-field annealing for high DC bias capability and low coercivity

Authors: Cui, Xiaoli ; Zhou, Jifeng ; Pang, Jing ; Qiu, Keqiang ; Li, Xiaoyu ; You, Junhua ; Yang, Dong ; Bu, Jianwei

Source title: Journal of Applied Physics

41. Accession number: 20243917113210

Title: Effect of Si on evolution of microstructure and wear resistance of Al_{0.5}CrFeNi_{2.5} high-entropy alloy fabricated via laser melting deposition

Authors: Jin, Bing-Qian ; Yu, Hui-Shu ; Nie, Sai-Nan ; Xing, Bo-Wei ; Chen, Yan ; You, Jia-Qing ; Zhang, Nan-Nan

Source title: Journal of Iron and Steel Research International

42. Accession number: 20244617349839

Title: Quasi-in situ electron backscatter diffraction analysis of twinning – detwinning behavior in AZ31 magnesium- alloy rolled plates subjected to compression loading in different directions

Authors: Zhou, Le ; Ren, Guiyuan ; Huang, Tianqi ; Wang, Zhi ; Wang, Feng ; Wei, Ziqi ; Mao, Pingli ; Liu, Zheng

Source title: Journal of Magnesium and Alloys

43. Accession number: 20244217215350

Title: Effect of Secondary Aging on Microstructure and Properties of Spray Formed Al-12.3Zn-2.2Mg-1.5Cu Alloy

Authors: Wang, Fengyi ; Yu, Shuai ; Su, Ruiming ; Li, Guanglong

Source title: Journal of Materials Engineering and Performance

44. Accession number: 20244317255699

Title: Effect of Intermittent Variable Rate Non-isothermal Aging on the Corrosion Resistance of Al-Zn-Mg-Cu Alloy

Authors: Liu, Tianyu ; Liu, Changjun ; Li, Haoyi ; Li, Fang ; Du, Xiyue ; Zhang, Hao ; Su, Ruiming

Source title: Journal of Materials Engineering and Performance

45. Accession number: 20244017131143

Title: Iso-Material Manufactured 17-4PH Stainless Steel to Enhance the Nano-indentation, Corrosion, and Cavitation Erosion Behavior

Authors: Yu, D.T. ; Wang, R. ; Wu, C.L. ; Zhang, S. ; Zhang, C.H. ; Chen, H.T. ; Tao, X.P.

Source title: Journal of Materials Engineering and Performance

46. Accession number: 20244217210320

Title: Microstructure Evolution and Properties of Additive-Manufactured Ti-6Al-4 V Alloys via Three-Stage Heat Treatment

Authors: Li, Zhongjian ; Gou, Jian ; Gao, Ju ; Zhu, Jingshuai ; Bai, Xuedong ; Kou, Wenqiang

Source title: Journal of Materials Engineering and Performance

- 47. Accession number:** 20244417280773
Title: Design, preparation and properties of biomedical Ti - Nb quaternary alloys with high strength and low modulus: Insights from first-principles calculations
Authors: Chen, Huaihao; Hu, Shiwen; Liu, Zhuang; Zhong, Huaiyu; Cao, Yu; Shen, Yong; Wang, Lixin; Deng, Linhong
Source title: Journal of Materials Research and Technology
- 48. Accession number:** 20244317250957
Title: Influence of laser power and scanning speed on microstructure evolutions and mechanical properties of the SLM fabricated Al - Mg - Mn - Sc - Zr alloy
Authors: Tong, Mengmeng; Zhang, Huidi; Chen, Chun; Hao, Jianfei; Chen, Zhiping; Wang, Fuzhu; Li, Runxia; Wang, Biao
Source title: Journal of Materials Research and Technology
- 49. Accession number:** 20244317256744
Title: Numerical and experimental study of TIG welding arc in high frequency longitudinal magnetic field
Authors: Liu, Yingzhe; Ding, Hongfa; Luo, Jian; Bair, Dampilon; Xu, Xiaolong; Chang, Yunlong
Source title: Journal of Materials Research and Technology
- 50. Accession number:** 20244417288573
Title: Effect of process parameters on microstructure and properties of superalloy turbine guide castings by a novel electromagnetic oscillation method
Authors: Xie, Zong-sheng; Hao, Xin; Liu, Guo-huai; Zheng, Hang; Zhang, Chi; Yi, Chu-shan; Wang, Zhao-dong
Source title: Journal of Materials Research and Technology
- 51. Accession number:** 20244317256650
Title: Optimizing strength-ductility synergy of the solid-solution Ti50 - ZrVNbCr MEAs via coordinately adjusting VEC and lattice constant
Authors: Jiang, Shihui ; Wu, Baolin ; Xu, Zaidong ; Duan, Guosheng ; Du, Xinghao ; Mao, Pingli ; Esling, Claude
Source title: Journal of Materials Research and Technology
- 52. Accession number:** 20244317257456
Title: Stabilizing zinc anodes by a solvation sheath modification with toluenesulfonate additive
Authors: Liu, Hengshuo; Zhang, Dongdong; Chanajaree, Rungroj; Wu, Xiang; Zhang, Xinyu; Qin, Jiaqian; Cao, Jin
Source title: Journal of Power Sources
- 53. Accession number:** 20244117171007
Title: ZnCo₂S₄ nanowire electrode enables long-life electrochemical capacitors
Authors: Sun, Xingjie ; Zhang, Wei-Chao ; Umar, Ahmad ; Wu, Xiang
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- 54. Accession number:** 20244617349677
Title: Theoretical study on the lattice distortion and electronic structure in the Al - Co - Cr - Fe - Ni multicomponent alloys

- Authors:** Qu, He ; Zhang, Wei ; Xiang, Qingchun ; Ren, Yinglei ; Liu, Weidong ; Zhou, Yingchun ; Qiu, Keqiang
Source title: Journal of Solid State Chemistry
- 55. Accession number:** 20244517322428
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Authors: Ma, Xiaofei ; Wu, Xiang ; Ma, Yunfei
Source title: Journal of Solid State Electrochemistry
- 56. Accession number:** 20244617362895
Title: Study of CO₂ welding arc with and without external magnetic field
Authors: Miao, Junyan ; Li, Yiwen ; Zhao, Honglei ; Zhang, Siyu ; Gong, Qilong ; Chang, Yunlong
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- 57. Accession number:** 20244017141044
Title: Enhanced Water Resistance of TiO₂ - GO - SMS-Modified Soil Composite for Use as a Repair Material in Earthen Sites
Authors: Li, Wei ; Bao, Wenbo ; Huang, Zhiqiang ; Li, Yike ; Guo, Yuxuan ; Wang, Ming
Source title: Materials
- 58. Accession number:** 20244417299625
Title: Microstructural evolution and strengthening mechanism of U71Mn steel joints fabricated by friction-flash hybrid welding
Authors: You, Jiaqing; Tan, Jinhong; Liu, Xingping; Du, Kai; Li, Jiarui; Yi, Chengyang; Zhao, Yunqiang
Source title: Materials and Design
- 59. Accession number:** 20244217220337
Title: Multi-scale ceramic TiC solves the strength-plasticity equilibrium problem of high entropy alloy
Authors: Qi, Hao ; Zhang, Siruo ; Liu, Chenghao ; Li, Rongde ; Dong, Shulin ; Li, Guanglong ; Qu, Yingdong
Source title: Materials and Design
- 60. Accession number:** 20243917087706
Title: High-temperature sliding wear behavior of high-Mn heat-resistant alloys reinforced by different second-phase particles at 1073 K
Authors: Liu, Tianlong; Wang, Yichu; Luo, Zhichao; Zhang, Siqian; Zheng, Zhibin; Chen, Shanshan; Yin, Fuxing
Source title: Materials Characterization
- 61. Accession number:** 20243917082708
Title: High-temperature tensile rupture property of (Nb,W) co-alloying TiAl-based alloys
Authors: Dong, Shulin; Gao, Junchong; Liu, Shibing; Qu, Yingdong; Chen, Ruirun; Li, Guanglong; Guo, Jingjie
Source title: Materials Characterization
- 62. Accession number:** 20244517319593
Title: Effects of laser energy density on the resistance to wear and cavitation erosion of FeCrNiMnAl high entropy alloy coatings by laser cladding

Authors: Yu, D.T. ; Wang, R. ; Wu, C.L. ; Wang, Z.Z. ; Zhang, S. ; Zhang, C.H. ; Chen, H.T. ; Tao, X.P.

Source title: Materials Chemistry and Physics

63. Accession number: 20244217199870

Title: Study on microstructure and cavitation corrosion resistance of 304 stainless steel after surface rolling

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

Source title: Materials Chemistry and Physics

64. Accession number: 20244217207667

Title: The newly discovered competitive growth behavior of γ and α_2 phases

Authors: Chang, Yiyuan ; Dong, Shulin ; Qu, Yingdong ; Chen, Ruirun ; Liu, Shibing ; Li, Guanglong

Source title: Materials Letters

65. Accession number: 20244017139274

Title: NiMoO₄@NiSe₂ microspheres as electrode materials for high-performance supercapacitor

Authors: Huai, Xinyu; Wang, Dengke; Wu, Xiang; Liu, Jinghai

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66. Accession number: 20243917112475

Title: Improving the stability of microstructure and mechanical property in Cu-9Ni-6Sn-0.2Nb alloy by annealing treatment

Authors: Xu, Siyang; Wei, Jiaqi; Han, Yahui; Cao, Dongdong; Jiang, Yifu; Zhang, Junjia; Wang, Xin; Yan, Ziwen; Sun, Shenghui; Zang, Ximin; Liu, Tongyu; Ding, Hua

Source title: Materials Science and Engineering: A

67. Accession number: 20244617346432

Title: Thermo-mechanical fatigue behavior and life prediction of selective laser melted inconel 718

Authors: Zou, C.L.; Pang, J.C.; Li, W.B.; Wang, N.; Feng, Y.Y.; Li, S.X.; Zhang, H.; Zhang, Z.F.

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Title: Effect of cryogenic thermal cycling treatment on the mechanical properties of FINEMET amorphous nanocrystalline alloy

Authors: Zhang, Yiran ; Pang, Jing ; Xiang, Qingchun ; Yang, Dong ; Ren, Yinglei ; Li, Xiaoyu ; Qiu, Keqiang

Source title: Materials Science and Engineering: A

69. Accession number: 20244217214034

Title: Effect of carbon content on the microstructure and stress rupture properties of a 4th-generation nickel-based single crystal superalloy

Authors: Zhou, Zhangrui ; Li, Yongmei ; Tan, Zihao ; Liu, Lirong ; Wang, Xinguang ; Lv, Peisen ; Liang, Zhaoyang ; Tao, Yan ; Yang, Yanhong ; Liu, Jide ; Liu, Jinlai ; Li, Jinguo ; Zhou, Yizhou ; Sun, Xiaofeng

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- 70. Accession number:** 20244117161394
Title: Effects of Ta on the high temperature creep behavior and deformation mechanism of a Ni-based single crystal superalloy
Authors: Ge, Mingtao ; Li, Yongmei ; Wang, Xinguang ; Chu, Zhaokuang ; Tao, Yan ; Tan, Zihao ; Liu, Jide ; Yang, Yanhong ; Liu, Jinlai ; Zhang, Chunhua ; Zhang, Song ; Li, Jinguo ; Zhou, Yizhou ; Sun, Xiaofeng
Source title: Materials Science and Engineering: A
- 71. Accession number:** 20244217213931
Title: First-principles study on the failure and doping strengthening mechanisms at the interface of high-alumina ferritic heat-resistant steel/oxide film
Authors: Fan, Shichao; Yu, Qing; Guo, Dong; Xu, Ziqing; Dai, Yongjuan; Zhang, Yuezhi; Li, Zhe; Wei, Le
Source title: Materials Today Communications
- 72. Accession number:** 20244317241716
Title: Improving microstructure and frictional wear behavior of plasma cladding FeCoCrNiMo high-entropy alloy layers by annealing treatment
Authors: Yu, Huishu ; Li, Deyuan ; Ma, Mingtao ; Zheng, Bowen ; Zuo, Xiaojiao ; You, Jiaqing ; Zhang, Nannan
Source title: Materials Today Communications
- 73. Accession number:** 20244117153542
Title: Enhanced energy storage performance of tungsten bronze structured BaNb₂O₆-modified (Bi_{0.5}Na_{0.5})TiO₃ ceramics
Authors: Luo, Wenxuan ; Zhang, Fan ; Xu, Kang ; Yang, Jinyu ; Long, Xiangyu ; Zhang, Xue ; Niu, Yiwen ; Wang, Zhan Jie
Source title: Materials Today Communications
- 74. Accession number:** 20244417272442
Title: High temperature tensile creep behavior and microstructure evolution of Ti60 alloy rolled sheet
Authors: Dong, Shulin ; Gong, Zhen ; Chen, Zhiyong ; Qu, Yingdong ; Chen, Ruirun ; Liu, Shibing ; Li, Guanglong
Source title: Materials Today Communications
- 75. Accession number:** 20244617373598
Title: Investigation on the Influence Mechanism of Mg Contents on the Hot Cracking Behavior of Al - Cu - Mg Alloys
Authors: Su, Ming ; Zhou, Minghui ; Yue, Chunyu ; Zhou, Lixin ; Zheng, Wentao ; Zheng, Bowen ; Zuo, Xiaojiao ; Yuan, Xiaoguang
Source title: Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science
- 76. Accession number:** 20244417285270
Title: Synergistic Utilization of Basic Oxygen Furnace Slag and Coal Gangue: Modified Slag and Metal Extraction
Authors: Li, Shisen ; Zang, Ximin ; Yang, Jie ; Kong, Lingzhong ; Wang, Guocheng
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- 77. Accession number:** 20243917088596
Title: Microstructure and mechanical properties of TiC/Ti6Al4V composite fabricated by concurrent wire-powder feeding laser-directed energy deposition
Authors: Wang, Chenyang ; Liu, Xiangyu ; Xing, Fei ; Xu, Guojian ; Bian, Hongyou ; Liu, Weijun
Source title: Optics and Laser Technology
- 78. Accession number:** 20244217200096
Title: Dynamic magnetic characteristics of the kinetic Ising model under the influence of randomness
Authors: Li, Bo-Chen ; Wang, Wei
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- 79. Accession number:** 20244617349379
Title: Insights into gas-solid flow structures in fluidized beds up to 1600 ° C via analysis of gas residence time distributions
Authors: Gao, Han; Chen, Zeshi; Zhang, Qingjin; Fu, Liangliang; Xu, Guangwen; Bai, Dingrong
Source title: Powder Technology
- 80. Accession number:** 20244117171669
Title: Effect of Carbide Precipitation on Hardness and Wear Resistance of H13 Steel
Authors: Yu, Xingfu ; Ma, He ; Su, Yong ; Wei, Yinghua ; Sun, Yufeng ; Yang, Shuai ; Zheng, Dongyue
Source title: Steel Research International
- 81. Accession number:** 20244417279594
Title: Effect of inserting a-C layers on anticorrosion behavior of Ni-NiCr-NiCrAlSi composite coating on copper through magnetron sputtering for marine applications
Authors: Du, Hao; Wen, Jiayuan; Song, Guihong; Wu, Hao; Feng, Ji-an; Huang, Yan; Wang, Yujiang; Yin, Yansheng
Source title: Thin Solid Films
- 82. Accession number:** 20244317240949
Title: Normalizing temperature influence on the microstructure characteristics, mechanical and wear performance of a novel high chromium cast iron
Authors: Wu, Shiyu ; Wang, Dingchen ; X., Tao; X., Wang; R., Zhang; Z., Zhou; S., Zhang; C., Wu; X., Sun; Y., Zhou; C., Cui
Source title: Tribology International
- 83. Accession number:** 20244117160090
Title: Effects of defects on the structure, electronic and elastic properties of Nb₂GaC: A first principle calculations
Authors: Fan, Limin ; Wu, Yusheng ; Liu, Feng ; Wang, Yuzheng ; Wu, Yuhan ; Wei, Xuelu ; Li, Laishi
Source title: Vacuum
- 84. Accession number:** 20244017146476
Title: Accelerated elimination of residual B2 phase in TiAl-based alloys by low-temperature annealing plus stretching

Authors: Dong, Shulin ; Gao, Junchong ; Qu, Yingdong ; Chen, Ruirun ; Li, Guanglong ; Zhang, Wei

Source title: Vacuum

85. Accession number: 20244417294127

Title: Tribological Properties of Electroless Ni-Mo-P/(h)BN Composite Coatings in Wide Temperature Range

Authors: Xia, Yu; Wei, Chunbei; Lin, Songsheng; Xiang, Qingchun; Shi, Qian

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

86. Accession number: 20244917484888

Title: Highly Stable Aqueous Zn-Ion Batteries Achieved by Suppressing the Active Component Loss in Vanadium-Based Cathode

Authors: Zhang, Dongdong ; Cao, Jin ; Yang, Chengwu ; Lolupiman, Kittima ; Limphirat, Wanwisa ; Wu, Xiang ; Zhang, Xinyu ; Qin, Jiaqian ; Huang, Yunhui

Source title: Advanced Energy Materials

87. Accession number: 20245017522308

Title: Excitation-Dependent Anti-Thermal Quenching in Zero-Dimensional Manganese Bromides for Photoluminescence and X-Ray Scintillation

Authors: Wu, Ye ; Zhu, Yiyuan ; Ahmed, Ashour A. ; Imran, Muhammad ; Qiu, Shuangchen ; Liu, Yang ; Hu, Xudong ; Hassan, Yasser ; Sun, Zhiguo ; Deng, Renren ; Li, Xiaoming

Source title: Angewandte Chemie - International Edition

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Title: Structural regulation of three-dimensional bismuth vanadate nanochannels for excellent visible light photocatalytic nitrogen fixation

Authors: Wang, Xinyu ; You, Junhua ; Xue, Yanjun ; Ren, Jiali ; Zhang, Kaidi ; Fu, Bo ; Xue, Qingzhong ; Tian, Jian ; Zhang, Hangzhou

Source title: Applied Catalysis B: Environmental

89. Accession number: 20244817456294

Title: Recent Advances in High-Performance Carbon-Based Electrodes for Zinc-Ion Hybrid Capacitors

Authors: Liu, Ying ; Song, Lechun ; Li, Chenze ; Song, Caicheng ; Wu, Xiang

Source title: Batteries

90. Accession number: 20244917480470

Title: Effect of Deformation Rate on Microstructure and Hardness of Cold-rolled GCr15 Steel Bearing Ring

Authors: Su, Yong ; Liu, Can ; Zhang, Hongwei ; Yu, Xingfu ; Hao, Tianci

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91. Accession number: 20244717386281

Title: NaCl-confined strategy boost charge storage capability of carbon materials for Zn-ion hybrid capacitors

Authors: Li, Huanhuan ; Huang, Yukun ; Zhang, Yu ; Wang, Xiaomei ; Hu, Fang ; You, Junhua ; Zhu, Kai

Source title: Carbon

92. Accession number: 20244917477672

Title: Superior energy storage performance in (Bi_{0.5}Na_{0.5})TiO₃-based ceramics via entropy engineering strategy

Authors: Li, Meiyue ; Zhang, Fan ; Liu, Jihang ; Niu, Yiwen ; Zhang, Zhiqiang ; Lei, Xueqiong ; Wang, Zhan Jie

Source title: Ceramics International

93. Accession number: 20244717392673

Title: The investigation on the structural, electronic and optical properties of wide band gap semiconductor material Bi₂₄M₂O₄₀ (M = Si, Ge, As, P)

Authors: Geng, Yunshuang ; Zhang, Xudong ; Wang, Feng

Source title: Chemical Physics Letters

94. Accession number: 20244817439271

Title: FeCoNi-Based Alloy Coatings as Low Overpotential Electrocatalysts for Alkaline Water Electrolysis

Authors: Zhong, Jinyuan ; Zhang, Yuanwu ; Huo, Xiaoran ; Zuo, Xiaoqiao ; Huang, Hongjun ; Xu, Xuelu ; Zhang, Nannan

Source title: Chemistry - An Asian Journal

95. Accession number: 20244817430293

Title: A dynamic damage constitutive model and crack propagation characteristics of heterogeneous rocks in uni-bond dual-parameter peridynamics

Authors: Wang, Junxiang ; Sun, Gang ; Tang, Song ; Wu, Jiabin ; Yu, Haiyue

Source title: Computers and Geotechnics

96. Accession number: 20244917477150

Title: Flexible hybrid capacitors based on NiMoS@NiCo-LDH composites under variable work conditions

Authors: He, Qi ; Jia, Wei ; Wu, Xiang ; Liu, Jinghai

Source title: CrystEngComm

97. Accession number: 20244717408342

Title: Improved thermoelectric properties of the β -Cu_{2+x}Se/CuInSe₂ multilayer films by layer interface scattering

Authors: Chen, Yu ; Song, Guihong ; Ben, Zhihao ; Wu, Yusheng ; You, Junhua

Source title: Current Applied Physics

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Title: Ternary Co_{0.4}Fe_{1.6}P Catalysts for Efficient Electrolysis of Water

Authors: Tang, Shengke ; Wu, Xiang ; Bando, Yoshio

Source title: Energy and Fuels

99. Accession number: 20245017501144

Title: Effect of solution aging treatment on corrosion resistance and erosion resistance of laser metal deposition 17-4PHss

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

Source title: Engineering Failure Analysis

100. Accession number: 20244817442041

Title: Influence of Component Properties on Rheological Behavior and Forming Process of Electrode Slurries

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

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

101. Accession number: 20244917471460

Title: Semi-Solid Slurry Preparation Process, Microstructure and Mechanical Properties of Mg - 7Al - 1Ca - 1Sb Alloy

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

Source title: International Journal of Metalcasting

102. Accession number: 20244917471439

Title: Effects of Adding Trace Modification Elements and Heat Treatment on the Strength and Toughness of AlSi8Cu2MgMn Alloy

Authors: Zhang, Aiming ; Wang, Feng ; Du, Xudong ; Lang, Zihan ; Mao, Pingli ; Wang, Zhi ; Zhou, Le ; Li, Jinwei

Source title: International Journal of Metalcasting

103. Accession number: 20244717377831

Title: Exceptional tensile ductility and strength of a BCC structure CLAM steel with lamellar grains at 77 kelvin

Authors: Zhou, Jinhua ; Wang, Jing ; Ren, Jungang ; Ritchie, Robert O. ; Wang, Zuncheng ; Wu, Yuchao ; He, Zhufeng ; Wang, Xin ; Fu, Ying ; Jiang, Yifu ; Wang, Lin ; Yin, Xiaowei

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Title: Inhibitor and Secondary Recrystallization Behavior of Giant Magnetostriction of Fe-Ga Thin Sheet

Authors: Zhai, Xinya ; He, Zhenghua ; Sha, Yuhui ; Zhu, Xiaofei ; Li, Feng ; Chen, Lijia ; Zuo, Liang

Source title: Jinshu Xuebao/Acta Metallurgica Sinica

105. Accession number: 20244817448069

Title: The integrated effect of grain configuration and δ phase on micro-scaled mechanical stability of nickel-based superalloy foil

Authors: Chen, Shu-nan ; Jiao, Jingjing ; Yang, Xu ; Wang, Bingxing ; Wang, Bin ; Tian, Yong

Source title: Journal of Alloys and Compounds

106. Accession number: 20244917457608

Title: Effect of microstructure evolution on the corrosion behavior of extrusion-shearing Mg-3Zn-XCa-0.6Zr alloys

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

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107. Accession number: 20244817448069

Title: The integrated effect of grain configuration and δ phase on micro-scaled mechanical stability of nickel-based superalloy foil

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Title: Building an entropy-assisted enhanced surface on ultrahigh nickel cathodes to improve electrochemical stability
Authors: Xu, Jingsheng ; You, Junhua ; Wu, Yusheng ; Zheng, Runguo ; Sun, Hongyu ; Liu, Yanguo ; Liu, Sha ; Wang, Zhiyuan
Source title: Journal of Colloid and Interface Science
- 109. Accession number:** 20244717386457
Title: Self-assembly of snowflake-like Cu₂S with ultrathin ZnIn₂S₄ nanosheets to form S-scheme heterojunctions for photocatalytic hydrogen production
Authors: Yang, Zhihui ; Ren, Jiali ; You, Junhua ; Luo, Xilu ; Wang, Xinyu ; Xue, Yanjun ; Qin, Yingying ; Tian, Jian ; Zhang, Hangzhou ; Han, Shuai
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Authors: Li, Shuijin ; Gao, Shuang ; Zhang, Weiguang ; Lu, Guoxin ; Cui, Luqing ; Li, Linzi ; Ma, Yinghui ; Wang, Sai
Source title: Journal of Materials Engineering and Performance
- 111. Accession number:** 20245017522077
Title: Impact of strip winding direction on the comprehensive performance of ultracrystalline magnetic core for current transformer
Authors: Yu, Ming-Xing ; Shi, Gui-Mei ; Zhu, Jia-Zheng ; Ma, Lin ; Li, Bo ; Ma, Song
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- 112. Accession number:** 20244917477214
Title: A novel high proton conductivity hydrogen bond self-assembly proton exchange membrane with liquid crystal properties
Authors: Zhang, Yuqing ; Zhang, Ailing ; Fan, Yuting ; Zhou, Kaixiang ; Li, Yongjiang ; Xing, Zuoxia ; Wang, Song
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Title: PPy-decorated ZnCo₂O₄@Ni(OH)₂ electrode materials for flexible supercapacitor
Authors: Li, Gang ; Ren, Haifang ; Geng, Chunping ; Wu, Xiang
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- 114. Accession number:** 20244717396484
Title: Recovery of Fe Element from Red Mud by Sodium Roasting and Alkaline Leaching
Authors: Guan, Shuyue ; Tang, Junjie ; Sun, Yuan ; Yang, Yanhong ; Li, Laishi ; Wu, Yusheng ; Shi, Fanian
Source title: Journal of Sustainable Metallurgy
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Title: Effect of Main Arc Current on Microstructure and Cavitation Resistance of NiCrBSi-WC Alloy Coating Prepared by Plasma Transfer Arc Welding
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Authors: Lin, Xuejian ; Liu, Xin ; Huang, Hongjun ; Zheng, Bowen ; Du, Kai ; Zuo, Xiaojiao ; Yuan, Xiaoguang
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Authors: Ahmed, Sharjeel ; Shi, Hongwei ; Ali, Mustehsin ; Liu, Fuchun ; Jan, Faheem ; Han, En-Hou
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Authors: Li, Yaotong ; Zhao, Chunru ; Wang, Wei ; Wu, Xiang ; Huang, Yudai
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Authors: Wang, Chao ; Wang, Xin ; Fu, Bo ; Han, Yanfa ; Yuan, Guo
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Authors: Jia, Wei ; He, Qi ; Guo, Zhiqiang
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- 121. Accession number:** 20244717377047
Title: Conspicuous rejuvenation of plasma-assisted hydrogenated Zr-based bulk metallic glasses via deep cryogenic cycling treatment
Authors: Zhou, Guishen ; Chu, Yuexin ; Dong, Fuyu ; Zhang, Yue ; Liu, Kun ; Wang, Binbin ; Luo, Liangshun ; Su, Yanqing ; Yuan, Xiaoguang ; Li, Weidong ; Liaw, Peter K. ; Cheng, Jun
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Title: Influence of solid solution time on microstructure and precipitation strengthening of novel maraging steels
Authors: Xu, T.Z. ; Wang, T. ; Wang, M.S. ; Zhang, S. ; Zhang, C.H. ; Wu, C.L. ; Sun, X.Y. ; Chen, H.T. ; Chen, J.
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Title: Creep anisotropy of a low-cost third generation single crystal superalloy at 760 ° C and 1120 ° C

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

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Title: Fabrication of hierarchical ZnCo₂O₄ nanosheets/oxidized Mo₃C₂ MXene for a high-performance supercapacitor

Authors: Sun, Shiyu ; Lan, Yalin ; Ma, Shujia ; Ming, Weixing ; Zhao, Yanan ; Li, Wenzhe ; Yan, Dongmao

Source title: Materials Today Chemistry

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Title: The influence of secondary aging on the microstructure and corrosion resistance of Al-Zn-Mg-Cu alloy

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

Source title: Materials Today Communications

126. Accession number: 20244717376654

Title: Effect of trace Bi addition on the microstructure and mechanical properties of hypoeutectic Al-Mg-Si-Mn alloy

Authors: Jiang, Feng ; Wang, Hong-ding ; Xiang, Qing-chun ; Ren, Ying-lei ; Meng, Fan-xu ; Qu, Ying-dong ; Qiu, Ke-qiang

Source title: Materials Today Communications

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Title: Modification of the Johnson-Cook relationship for AZ31 magnesium alloy at high strain rates

Authors: Luan, Yu ; Zhou, Le ; Mao, Pingli ; Wang, Feng ; Wang, Zhi ; Wei, Ziqi ; Liu, Zheng

Source title: Materials Today Communications

128. Accession number: 20244917469340

Title: Reasons for good high-temperature tensile rupture property of high-W content (Nb,W) co-alloying TiAl-based alloy under low stress

Authors: Gao, Junchong ; Dong, Shulin ; Qu, Yingdong ; Chen, Ruirun ; Liu, Shibing ; Li, Guanglong ; Zhang, Wei ; Zhang, Siruo ; Zhou, Qiwen ; Yu, Tianhang

Source title: Materials Today Communications

129. Accession number: 20245017522142

Title: Hot deformation behavior and dynamic recrystallization of Ti-3Mo-6Cr-3Al-3Sn titanium alloy

Authors: Liu, X. ; Zhang, H. ; Wang, S. ; Zhang, S. ; Zhou, G. ; Chen, L. ; Cheng, J. ; Jiang, Y. ; Wang, Y.

Source title: Materialwissenschaft und Werkstofftechnik

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Title: Viscous Behavior and Structure Characteristic of CaF₂ - CaO - Al₂O₃ - MgO - (B₂O₃) Slag for Electrosag Remelting

Authors: Zhang, Yong-Jiao ; Zang, Xi-Min ; Zhang, Yong ; Xu, Si-Yang ; Kong, Ling-Zhong ; Yang, Jie ; Yang, Xin ; Wang, Guo-Cheng ; Cheng, Zhong-Fu

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

131. Accession number: 20245017514585

Title: Effect of Dual Deformation Processes on the Microstructure and Mechanical Properties of Low-Alloyed Mg-Zn-Ca-Mn Alloy

Authors: Sha, Sha ; Wang, Feng ; Li, Rongguang ; Tang, Yan ; Cong, Wenyan ; Zhang, Hang ; Liu, Boshu ; Li, Shanshan

Source title: Metals and Materials International

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Title: First-principles study of influence of transition metal doping on the physical properties of TiB₃

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

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

133. Accession number: 20244717408564

Title: A bifunctional self-healing coating enhanced by attapulgite functionalized MXene with inhibitor integration

Authors: Ali, Mustehsin ; Shi, Hongwei ; Jan, Faheem ; Ahmed, Sharjeel ; Song, Yingwei ; Han, En-Hou

Source title: Progress in Organic Coatings

134. Accession number: 20244817451938

Title: Highly flexible hybrid devices enabled by Ag-decorated ZnCo₂O₄ electrodes

Authors: Sun, Xingjie ; Zhang, Wei-Chao ; Wu, Xiang

Source title: RSC Advances

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Title: Insights in improving creep resistance of low-cost 2nd-generation nickel based single crystal superalloys at intermediate temperature

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

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136. Accession number: 20244917460103

Title: The Effect of Cold Ring Rolling on the Heat Treatment Microstructure and Wear Resistance of GCr15 Bearing Steel

Authors: Hao, Tianci ; Yu, Xingfu ; Yu, Penghan ; Wei, Yinghua ; Su, Yong

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Title: A fractional adaptive type-2 fuzzy structural control system: Theoretical/experimental study

Authors: Zhang, Chunwei ; Liu, Meihua ; Mohammadzadeh, Ardashir ; Taghavifar, Hamid

Source title: Structures

138. Accession number: 20245017510025

Title: PREPARATION OF NiCu ELECTRODE BY PLASMA SPRAYING AND ITS HYDROGEN EVOLUTION PERFORMANCE

Authors: Wang, Junru ; Liu, Taikai ; Mao, Jie ; Deng, Chunming ; Song, Chen ; Wang, Yinxiao

- Source title:** Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 139. Accession number:** 20245017513008
Title: Influence of atomic ratio of Mg to Sn on thermoelectric properties of Mg₂Sn films
Authors: Liu, Ying ; Song, Guihong ; Tai, Kaiping ; Yu, Zhi ; Ran, Yijun ; He, Juan ; Wu, Yusheng
Source title: Thin Solid Films
- 140. Accession number:** 20245017516609
Title: Study on the methods and mechanisms for suppressing porosity in narrow-gap oscillating laser wire-fill horizontal welding
Authors: Wu, ZhenDong ; Wang, ShiYang ; Huang, RuiSheng ; Qin, Jian ; Sun, Yuan ; You, JunHua ; Han, PengBo ; Cao, Hao
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- 141. Accession number:** 20245217580620
Title: Formation and evolution of Al/steel interface structure in composite casting
Authors: Cao, Lei ; Wang, Yu ; Zang, Xi-Min ; Li, Yang ; Wang, Guo-Cheng ; Xiao, Yuan-You
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- 142. Accession number:** 20245217582266
Title: NiSe₂/MoSe₂ Electrode Materials for High-Performance Electrochemical Capacitors
Authors: Xie, Xiongwei ; Wu, Xiang ; Bando, Yoshio
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- 143. Accession number:** 20245217594162
Title: Overview of in-situ oxygen production technologies for lunar resources
Authors: Xu, Youpeng ; Pang, Sheng ; Cong, Liangwei ; Qian, Guoyu ; Wang, Dong ; Li, Laishi ; Wu, Yusheng ; Wang, Zhi
Source title: International Journal of Minerals, Metallurgy and Materials
- 144. Accession number:** 20245117542784
Title: Phase Field Model for Solidification of Fe-Cr-C Ternary Alloys Based on KKS Model
Authors: Gao, Ting ; Li, Wanming ; Wang, Bin ; Zang, Ximin
Source title: JOM
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Title: FM-568: A Promising Phenyl-Hydrazonomalononitrile Antibacterial Agent for the Sustainable Management of Citrus Canker
Authors: Gao, Yixing ; Chen, Liang ; Liu, Dongdong ; Luo, Chunfeng ; Ye, Jialin ; Pei, Hongyan ; Zhang, Jing ; Zhang, Lixin
Source title: Journal of Agricultural and Food Chemistry
- 146. Accession number:** 20245217568760
Title: In-situ synthesis of a heterogeneous NHC - CO₂ catalyst for continuous DMC production
Authors: Zhao, Zhentao ; Wang, Yuxin ; Xu, Guangwen ; Shi, Lei
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- 147. Accession number:** 20245117540648
Title: Efficient degradation of carbamazepine by dual-wavelength UV enhanced E-peroxone process: Kinetics and mechanism

- Authors:** Gao, Weichun ; Chen, Shengnan ; Geng, Cong ; Guan, Yinyan ; Gao, Yingjun ; Liang, Jiyan
Source title: Journal of Cleaner Production
- 148. Accession number:** 20245217591241
Title: Thermomechanically induced phase separation at elevated temperatures in a CoCr_{0.4}NiSi_{0.3} medium-entropy alloy
Authors: Zhang, Li ; Chen, Lijia ; Zhang, Weiqiang ; Zhao, Hui ; Li, Feng
Source title: Journal of Materials Research and Technology
- 149. Accession number:** 20245217581701
Title: Influence of modulation period on thermoelectric properties for Mg₃Bi₂/Mg/Mg₂Sn multilayer films
Authors: Han, Xinghai ; Song, Guihong ; Luo, Di ; Wu, Yusheng ; You, Junhua
Source title: Journal of Materials Science: Materials in Electronics
- 150. Accession number:** 20245117536123
Title: The influence of Sb content on thermoelectric properties of Mg₃(Bi,Sb)₂ films
Authors: Luo, Di ; Song, Guihong ; Zhang, Lingyu ; Wu, Yusheng ; You, Junhua
Source title: Journal of Solid State Chemistry
- 151. Accession number:** 20245117543938
Title: Corrosion fatigue of as-extruded Mg-xGa alloys in simulated bodily fluids with various glucose contents
Authors: Zou, Jiebin ; Ma, Jia ; Zhang, Ziyue ; Sun, Lingxiong ; Abueida, Mohammed R.I. ; Zhang, Song ; Lu, Xiaopeng ; Li, Yan ; Tang, Hongyan ; Wang, Qiang
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Title: The Effects of Waterborne Polyurethane-Modified Cement on the Mechanical Characterization of Grouting Concretion Stone
Authors: Zhang, Jingyu ; Chen, Sili ; Duan, Xinchao ; Meng, Jinzhu ; Wang, Junxiang
Source title: Materials
- 153. Accession number:** 20245217567445
Title: MOF-based protective coatings for metal corrosion protection: A critical review of design/synthesis, performance, and mechanism
Authors: Nwokolo, Izuchukwu K. ; Shi, Hongwei ; Liu, Fuchun
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Title: Energy storage performance of PbZrO₃-ZrO₂ nanocomposite films prepared by sol-gel method
Authors: Wen, Zhao Yang ; Ma, Ying Hui ; Huang, Hong ; Zhao, Chengchun ; Liang, Ruitao ; Liu, Shiyang ; Wang, Zhan Jie
Source title: Materials Today Communications
- 155. Accession number:** 20245117543912
Title: Effect of Ce on microstructure and corrosion behavior of as cast ZK60 alloy
Authors: Sun, Lixia ; Wang, Zhi ; Zhou, Le ; Wang, Feng ; Zhang, Weihang ; Wei, Ziqi ; Mao, Pingli
Source title: Materials Today Communications

156. Accession number: 20245117537431

Title: Effect of in situ NbC synthesis via laser cladding on microstructure and slurry erosion of carbide-reinforced iron-based coatings

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

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157. Accession number: 20245117554827

Title: A machine learning method approach for designing novel high strength and plasticity metastable β titanium alloys

Authors: Liu, Zhiduo ; Zhang, Haoyu ; Zhang, Shuai ; Cheng, Jun ; He, Yixuan ; Zhou, Ge ; Liu, Jiawei ; Song, Suping ; Chen, Lijia

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1. **Accession number:** 20243416890850
Title: Intelligent mechanical fault diagnosis using multiscale residual network and multisensor fusion
Authors: Guo, Haiyu ; Yu, Wei ; Zhang, Xiaoguang ; Lu, Fanfan ; Liang, Chuang
Source title: Measurement Science and Technology
2. **Accession number:** 20243717020260
Title: Research on the airflow field and interruption performance of 550 kV fast circuit breaker
Authors: Zou, Huancheng ; Lin, Xin ; Zhong, Jianying ; Wei, Jianwei
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3. **Accession number:** 20243416924721
Title: Frequency stability control method for multi-energy system considering storage characteristics and transmission inertia of hot and gas pipeline network
Authors: Zuo, Hao ; Teng, Yun ; Chen, Zhe
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5. **Accession number:** 20243416924790
Title: TMD PARAMETER OPTIMIZATION OF FLOATING WIND TURBINE FLOATING PLATFORM BASED ON MULTI-OBJECTIVE GRAY WOLF OPTIMIZER
Authors: Liu, Yingming ; Xu, Xuefeng ; Wang, Xiaodong ; Zhang, Yinghao ; Wang, Hanbo ; Li, Binbin
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6. **Accession number:** 20243817072136
Title: SENSORLESS SUPER-TWISTING SLIDING MODE DIRECT POWER CONTROL FOR DUAL-STATOR BRUSHLESS DOUBLY-FED WIND POWER GENERATOR
Authors: Zhu, Liancheng ; Xiao, Yang ; Su, Xiaoying ; Jin, Shi ; Chen, Xiaohong
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7. **Accession number:** 20243717035551
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Authors: Liu, Peng ; Zhang, Tieyan ; Tian, Furui ; Teng, Yun ; Gu, Chuang
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8. **Accession number:** 20243617008954
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Authors: Ju, Xiaowei ; Zhang, Fengge ; Cheng, Yuan ; Liu, Guangwei ; Cui, Shumei
Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
9. **Accession number:** 20244317248953

Title: Study of arc and magnetic field parameters under delayed breaking condition of DB-DC VCB

Authors: Huang, Chongyang; Yang, Shurui; Shan, Zengyu; Li, Zhengbo; Cao, Yundong

Source title: AIP Advances

10. Accession number: 20244417272845

Title: Bounded control of PMLSM servo system based on fractional order barrier function adaptive super-twisting approach

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Authors: Lin, Tingting ; Gao, Qiang ; Zhong, Jun ; Yu, Suye ; Liu, Guodong
Source title: Physica Status Solidi (B) Basic Research
3. **Accession number:** 20244517330104
Title: Bi-doped Sm_{0.9}Bi_{0.1}BaCo₂O_{5+δ} optimizes performance and stability of cathode for intermediate temperature solid oxide fuel cell
Authors: Li, Aoye ; Li, Yunfei ; Lu, Chunling ; Qiu, Dongchao ; Niu, Bingbing ; Wang, Biao
Source title: Ceramics International
4. **Accession number:** 20244417288220
Title: A design of sliding mode control for uncertain T-S fuzzy systems with multiple input matrices
Authors: Wang, Yingying ; Zhang, Jianyu ; Li, Xin ; Luo, Qing
Source title: Fuzzy Sets and Systems
5. **Accession number:** 20244317269264
Title: Study on Quantum Dynamics of the Na + Na₂ Exchanged Reaction and Lifetime Prediction of Na₃ Complex Based on the Neural Network Potential Energy Surface
Authors: Zhang, Jiapeng ; Buren, Bayaer ; Li, Yongqing
Source title: Journal of Physical Chemistry A
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Title: A first-principle study on the two dimensional Janus MXene TaFeC with spin gapless behaviour
Authors: Gao, Qiang ; Liu, Tiying ; Jin, Xin ; Shi, Guimei ; Shen, Chen
Source title: Journal of Solid State Chemistry
7. **Accession number:** 20244317262490
Title: Robust state agreement in switching networks of nonlinear agents with measurement noises and communication delays
Authors: Wang, Zhanxiu ; Jin, Zhenghong ; Xu, Jingwei ; Bao, Adiya ; Li, Hua
Source title: Nonlinear Dynamics
8. **Accession number:** 20244617365861
Title: Dynamic magnetic properties of core-shell nanoparticles in an oscillating magnetic field
Authors: Liu, Zhen-yu ; Wang, Wei ; Lv, Dan ; Tu, Yu-hang
Source title: Physica B: Condensed Matter
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- Title:** Spin-wave resonance frequency and quantum fluctuation of the (anti)ferri-(anti)ferrimagnetic double-layer superlattice
Authors: Liu, Shuangshuang ; Zhang, Fan ; Liu, Xin
Source title: Physica B: Condensed Matter
- 10. Accession number:** 20244517340671
Title: Dynamic magnetic properties and magnetocaloric effect of a nanotube encapsulated with X36
Authors: Xing, Lu ; Wang, Wei ; Lv, Dan ; Li, Bo-Chen ; Liu, Gong-Zhao
Source title: Physica Scripta
- 11. Accession number:** 20244217200096
Title: Dynamic magnetic characteristics of the kinetic Ising model under the influence of randomness
Authors: Li, Bo-Chen ; Wang, Wei
Source title: Physical Review E
- 12. Accession number:** 20244317262956
Title: Effect of Initial Microstructure on Austenite Grain Size of Niobium Microalloyed Steels
Authors: Haiqing Wang ; Shi, Minghao ; Hou, Lian ; Yin, Chaokun ; Di, Man
Source title: Physics of Metals and Metallography
- 13. Accession number:** 20244717383085
Title: Creation of Two-Dimensional Electron Gas at the Heterointerface of CaZrO₃/KTaO₃ with Tunable Rashba Spin-Orbit Coupling
Authors: Qi, Shaojin ; Liang, Jiexing ; Shi, Guimei ; Gan, Yulin ; Chen, Yuansha ; Chen, Yunzhong ; Sun, Jirong
Source title: ACS Applied Electronic Materials
- 14. Accession number:** 20244717392673
Title: The investigation on the structural, electronic and optical properties of wide band gap semiconductor material Bi₂₄M₂O₄₀ (M = Si, Ge, As, P)
Authors: Geng, Yunshuang ; Zhang, Xudong ; Wang, Feng
Source title: Chemical Physics Letters
- 15. Accession number:** 20245017522077
Title: Impact of strip winding direction on the comprehensive performance of ultracrystalline magnetic core for current transformer
Authors: Yu, Ming-Xing ; Shi, Gui-Mei ; Zhu, Jia-Zheng ; Ma, Lin ; Li, Bo ; Ma, Song
Source title: Journal of Materials Science: Materials in Electronics
- 16. Accession number:** 20244717404178
Title: First-principles study of influence of transition metal doping on the physical properties of TiB₃
Authors: Chen, Shiyi ; Ma, He ; Zhang, Xudong ; Chen, Lijia ; Wu, Hao ; Li, Haonan
Source title: Physics Letters, Section A: General, Atomic and Solid State Physics
- 17. Accession number:** 20245217602601
Title: Magnetic quantum behavior of surface-doped three-layer graphene-like system based on spin wave theory
Authors: Xin, Qing ; Guo, Anbang ; Xie, Yanan ; Bao, Ran ; Jiang, Wei ; Wei, Mingcheng

Source title: European Physical Journal B

(七) 建筑与土木工程学院 (44 篇)

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Title: Enhanced microwave absorption performance for Co@CoO cluster films/carbon aerogel sandwich-structured materials
Authors: Lv, Senhao; Si, Nan; Xie, Yulan; Yu, Weiqi; Pan, Lulu; Li, Zhengxuan; Hu, Guojing; Cheng, Qiuzhen; Zhao, Chenyang; Zhao, Dongliang; Li, Yongfeng; Guo, Hui; He, Jun; Yang, Haitao
Source title: Materials Today Communications
2. **Accession number:** 20243516943001
Title: Molecular dynamics study of Gr(GO)/C-A-S-H composites at different temperatures: optimization of structural, dynamic and mechanical properties of civil engineering materials
Authors: He, Jianlin ; Arab, Ali ; Zhang, Chunwei
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3. **Accession number:** 20243516953159
Title: UAV based defect detection and fault diagnosis for static and rotating wind turbine blade: a review
Authors: Zhang, Shangchen ; He, Yunze ; Gu, Yongfu ; He, Yufen ; Wang, Haoyu ; Wang, Hongjin ; Yang, Ruizhen ; Chady, Tomasz ; Zhou, Bo
Source title: Nondestructive Testing and Evaluation
4. **Accession number:** 20243717033251
Title: Behavior of cross-shaped stiffened concrete-filled steel tubular stub columns after fire exposure
Authors: Wang, Weiwei; Lyu, Xuetao; Liu, Xin; Zheng, Jun; Gao, Han; Yu, Yang
Source title: Structures
5. **Accession number:** 20243616971677
Title: Modulation of monolayer SnSe₂ optoelectronic properties by applied electric field and atomic doping
Authors: Ma, Mengting ; Liu, Guili ; Zhang, Guoying
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6. **Accession number:** 20243817062819
Title: TMD control system based on kinetic energy transformation and the use of rotary inertia to virtualize translational mass
Authors: Zhang, Chun-Wei ; Shi, Yi-Feng ; Zhan, Xin ; Liu, Zhi-Hu ; Sun, Li
Source title: Zhendong Gongcheng Xuebao/Journal of Vibration Engineering
7. **Accession number:** 20244617366212
Title: Impact resistance of polyvinyl alcohol-polypropylene fiber toughened foamed concrete under low-velocity impact: experiments and 3D meso-scale modelling
Authors: Shi, Xinxin ; Ning, Baokuan ; Wang, Junxiang ; Cui, Taotao ; Zhao, Weifeng ; Li, Anqi
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8. **Accession number:** 20244417273697
Title: A non-singleton type-3 neuro-fuzzy fixed-time synchronizing method
Authors: Taghavifar, Hamid; Mohammadzadeh, Ardashir; Zhang, Chunwei

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9. **Accession number:** 20244217214054
Title: Physical properties and hydration behaviors of paste casting brick containing coal gasification slag (CGS): Effect of curing condition and CGS dosage
Authors: Wang, Shenyu; Gu, Xiaowei; Liu, Jianping; Zhu, Zhenguo; Wang, Hongyu; Ge, Xiaowei; Hu, Ziyang; Xu, Xiaochuan; Nehdi, Moncef L.; Wang, Xingchen
Source title: Construction and Building Materials
10. **Accession number:** 20244117169332
Title: Exploring microwave activation as a novel method for activating coal gangue: Focus on microwave activation mechanisms and hydration characteristics of cementitious supplementary materials
Authors: Liu, Bonan; Gu, Xiaowei; Li, Zhijun; Yang, Bohan; Wang, Hao; Liu, Jianping; Nehdi, Moncef L.; Zhang, Yannian
Source title: Construction and Building Materials
11. **Accession number:** 20244517333984
Title: Uniaxial compressive stress-strain behavior of alkali activated steel slag powder-based reactive powder concrete (SSP-RPC)
Authors: Sheng, Guohua; Jin, Shengji; Li, Chao; Bai, Quan
Source title: Construction and Building Materials
12. **Accession number:** 20244017121268
Title: Smart Neurostimulation: Sensor-Based Wireless Stimulation With Deep On-Policy MPC
Authors: Mai, V.T.; Alattas, Khalid A.; Kumar, Anupam; Fekih, Afef; Mohammadzadeh, Ardashir; Zhang, Chunwei
Source title: IEEE Access
13. **Accession number:** 20244317240979
Title: A comparative performance study of terminal control strategy for the multi-split backplane cooling system in data centers
Authors: Wei, Chengxuan; Li, Xiuming; Li, Mengyi; Han, Zongwei; Shao, Shuangquan; Zhou, Bo
Source title: International Journal of Refrigeration
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Title: Experimental Study on Prestress Loss and Pull-out Behavior of Rock Bolts
Authors: Chen, Bailing ; Gao, Haiyang ; Wang, Lianguang ; Zhang, Yaosheng
Source title: International Journal of Steel Structures
15. **Accession number:** 20244317240187
Title: Spontaneous combustion coal gangue-based composite cement: Compressive performance and environmental benefits under grinding kinetics control
Authors: Gu, Xiaowei; Li, Zhijun; Yang, Bohan; Hu, Ziyang; Hu, Zhihang; Liu, Jianping; Zhang, Yannian; Nehdi, Moncef L.
Source title: Journal of Building Engineering
16. **Accession number:** 20244117172114
Title: Effects of foam stabilizers on the properties and microstructure of autoclaved aerated concrete from iron tailings

- Authors:** Zhong, Mingyang ; Meng, Jin ; Ning, Baokuan ; Zhao, Weifeng ; Zhang, Wenxin ; Cui, Taotao ; Shi, Xinxin
Source title: Journal of Materials Science
- 17. Accession number:** 20244517323816
Title: Truncated predictive control for delayed cyber – physical systems under deception attacks
Authors: Anusuya, S.; Sakthivel, R.; Mohammadzadeh, A.; Kwon, O.M.
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- 18. Accession number:** 20244617350042
Title: Plasma sprayed high-entropy alloy coatings with enhanced water splitting activity in alkaline environment
Authors: Huo, Xiaoran ; Zhang, Yuanwu ; Zhong, Jinyuan ; Nie, Sainan ; Zuo, Xiaojiao ; Xu, Xuelu ; Zhang, Nannan
Source title: Materials Today Communications
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Title: Strain effects on electronic structure and optics of Al-Doped monolayer GaS
Authors: Yang, Xiaotong ; Liu, Guili ; Wei, Ran ; Zhang, Guoying
Source title: Molecular Physics
- 20. Accession number:** 20244317245071
Title: A multiple model type-3 fuzzy control for offshore wind turbines using the Active Rotary Inertia Driver (ARID)
Authors: Zhang, Chunwei; Liu, Meihua; Liu, Zhihu; Sabetahd, Rasoul; Taghavifar, Hamid; Mohammadzadeh, Ardashir
Source title: Ocean Engineering
- 21. Accession number:** 20244317254345
Title: A Semi-empiric Compensation Model for Defect Segmentation in Ultrasonic Thermographic Inspection of Coatings Based on a Chebyshev Series
Authors: Wang, Hongjin ; Wen, Can ; He, Yunze ; Duan, Yuxia ; Zhou, Bo ; Xie, Shejuan ; Liu, Xianglong ; Xue, Zixian ; He, Zhiyi ; Wang, Jiazheng ; Wang, Pan ; Wang, Yaonan
Source title: Russian Journal of Nondestructive Testing
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Title: Enhancing the overturning resistance capacity of high aspect ratio structure through hybrid base isolation and inter-storey isolation
Authors: Zhang, Jingcai ; Li, Yingna ; Yang, Hao ; Ji, Xin ; Gu, Lingxi ; Li, Wangjingyi ; Wang, Bo ; Cheng, Liang ; Zhang, Chunwei
Source title: Soil Dynamics and Earthquake Engineering
- 23. Accession number:** 20244117182675
Title: DYNAMIC RESPONSE ANALYSIS OF MULTI-CORROSION-AGED FLOATING OFFSHORE WIND TURBINE
Authors: Li, Jixu ; Sun, Chuanzong ; Tian, Haonan ; Cong, Xin ; Yan, Ming
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
- 24. Accession number:** 20244317267132
Title: A dynamic splitting test and analysis of fiber reinforced concrete under impact load

- Authors:** Cui, Dashun; Wang, Limin; Xue, Hulling; Zhang, Chunwei; Gao, Dianwei; Chen, Fanxiu
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
- 25. Accession number:** 20244917456803
Title: Experimental and Numerical Simulations on the Mechanical Characteristics of Soil – Rock Mixture in Uniaxial Compression
Authors: Zhang, Zhenping ; Fu, Xiaodong ; Sheng, Qian ; Wang, Shuo ; Fang, Yuwei
Source title: Applied Sciences (Switzerland)
- 26. Accession number:** 20244817450624
Title: Three-Dimensional Numerical Analysis of Seismic Response of Steel Frame – Core Wall Structure with Basement Considering Soil – Structure Interaction Effects
Authors: Yang, Fujian ; Zhao, Haonan ; Ma, Tianchang ; Bao, Yi ; Cao, Kai ; Li, Xiaoshuang
Source title: Buildings
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Title: Seismic Responses and Overturning Resistance Capacity of Base-Isolated Structures Under the Influence of Pounding Interactions with Adjacent Structures
Authors: Si, Shengzhe ; Zhang, Jingcai ; Zhang, Chunwei
Source title: Buildings
- 28. Accession number:** 20244817439271
Title: FeCoNi-Based Alloy Coatings as Low Overpotential Electrocatalysts for Alkaline Water Electrolysis
Authors: Zhong, Jinyuan ; Zhang, Yuanwu ; Huo, Xiaoran ; Zuo, Xiaojiao ; Huang, Hongjun ; Xu, Xuelu ; Zhang, Nannan
Source title: Chemistry - An Asian Journal
- 29. Accession number:** 20244817430293
Title: A dynamic damage constitutive model and crack propagation characteristics of heterogeneous rocks in uni-bond dual-parameter peridynamics
Authors: Wang, Junxiang ; Sun, Gang ; Tang, Song ; Wu, Jiabin ; Yu, Haiyue
Source title: Computers and Geotechnics
- 30. Accession number:** 20244717403791
Title: Optimizing calcination temperature to improve the compressive strength of coal gasification slag-based alkali-activated materials by reducing carbon content and adjusting polymerization degree
Authors: Gu, Xiaowei ; Hu, Zhihang ; Hu, Ziyang ; Liu, Jianping ; Wang, Qing ; Nehdif, Moncef L.
Source title: Construction and Building Materials
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Title: Study on the mechanism of early strength strengthening and hydration of LC3 raised by shell powder
Authors: Liu, Bonan ; Gu, Xiaowei ; Wang, Hao ; Liu, Jianping ; Nehdi, Moncef L. ; Zhang, Yannian
Source title: Journal of Building Engineering
- 32. Accession number:** 20245017497751

- Title:** Early-age compressive behavior and stress - strain relationship of high -strength SSP-cement mortar
Authors: Sheng, Guohua ; Tian, Huiyu ; Jin, Shengji ; Liu, He ; Xiu, Jingtao ; Wei, Zheng
Source title: Materials and Structures/Materiaux et Constructions
- 33. Accession number:** 20244717407228
Title: Effect of Doped Carbon Atoms on Electronic Structure and Optical Properties of Monolayer 1T-ZrS₂
Authors: Shi, Zhihong ; Wang, Ying ; Ji, Jinghan ; Liu, Guili ; Zhang, Guoying
Source title: Nano
- 34. Accession number:** 20245017503081
Title: The analysis of crashworthiness and energy dissipation mechanism of novel rotational guiding anti-collision device using fiber reinforced composites
Authors: Zhang, Jianhua ; Wang, Xiaoyu ; Geng, Yan ; Chea, Cheav Por ; Gao, Dianwei ; Wang, Ningzhou ; Guan, Chengyu ; Wang, Jun ; Yue, Feng
Source title: Ocean Engineering
- 35. Accession number:** 20244817420278
Title: Effect of Na atom adsorption on the electronic structure of F-doped modified MoTe₂ systems in the presence of an electric field: first principles
Authors: Dai, Ying ; Liu, Guili ; Mohammadzadeh, Ardashir ; Zhang, Guoying
Source title: Physica Scripta
- 36. Accession number:** 20244817443703
Title: Proposing a neuro-fuzzy controller to compensate for the effect of disturbances on the MED-TVC desalination system
Authors: Khajehnamaghi, Sobhan ; Nazari, Mohsen ; Nazari, Mostafa ; Pilevar, Omid ; Mohammadzadeh, Ardashir ; Zhang, Chunwei
Source title: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science
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Title: A fractional adaptive type-2 fuzzy structural control system: Theoretical/experimental study
Authors: Zhang, Chunwei ; Liu, Meihua ; Mohammadzadeh, Ardashir ; Taghavifar, Hamid
Source title: Structures
- 38. Accession number:** 20245217578132
Title: A Stable Fuzzy-Based Computational Model and Control for Inductions Motors
Authors: Liu, Yongqiu ; Zhong, Shaohui ; Kausar, Nasreen ; Zhang, Chunwei ; Mohammadzadeh, Ardashir ; Pamucar, Dragan
Source title: CMES - Computer Modeling in Engineering and Sciences
- 39. Accession number:** 20245217596142
Title: Uncertainty quantification in sequential hybrid deep transfer learning for solar irradiation predictions
Authors: Nourani, Vahid ; Behfar, Nazanin ; Booi, Martijn J. ; Ng, Anne ; Zhang, Chunwei ; Mohammadisepasi, Sepideh
Source title: Engineering Applications of Artificial Intelligence
- 40. Accession number:** 20245217567539

Title: Failure and post-failure kinematic disaster processes of columnar rock masses based on 3D discontinuous deformation analysis

Authors: Ma, Ke ; Zhao, Shengze ; Liu, Guoyang ; Miao, Jianbin ; Kang, Jiashuo ; Wang, Linlin ; Yu, Qun

Source title: International Journal of Rock Mechanics and Mining Sciences

41. Accession number: 20245217568930

Title: Synergistic effects of lithium slag and coarse limestone powder as supplementary cementitious materials: Hydration and microstructure

Authors: Yang, Bohan ; Gu, Xiaowei ; Li, Zhijun ; Liu, Bonan ; Wang, Ying ; Wang, Qing ; Liu, Jianping

Source title: Journal of Building Engineering

42. Accession number: 20245217594187

Title: First-Principles Analysis of Photoelectric and Magnetic Tunability in Transition Metal-Doped Janus MSeX Monolayers (M = Mo, W; X = S, Te)

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

Source title: Journal of Superconductivity and Novel Magnetism

43. Accession number: 20245117539839

Title: The Effects of Waterborne Polyurethane-Modified Cement on the Mechanical Characterization of Grouting Concretion Stone

Authors: Zhang, Jingyu ; Chen, Sili ; Duan, Xinchao ; Meng, Jinzhu ; Wang, Junxiang

Source title: Materials

44. Accession number: 20245217586234

Title: Effect of cold spray deposition parameters on wear performance of CrMnFeCoNi high entropy alloy

Authors: Mengiste, Bemechal Tsegaye ; Arab, Ali ; Chen, Pengwan ; Xie, Jing

Source title: Tribology International

(八) 软件学院 (6 篇)

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Title: Three-Dimensional Convolutional Vehicle Black Smoke Detection Model with Fused Temporal Features
Authors: Liu, Jiafeng ; Yang, Lijian ; Cheng, Hongxu ; Niu, Lianqiang ; Xu, Jian
Source title: Applied Sciences (Switzerland)
2. **Accession number:** 20244217198132
Title: GeoHi-GNN: Geometry-aware hierarchical graph representation learning for normal estimation
Authors: Li, Nannan ; Li, Xinyuan ; Zhou, Jun ; Jiang, Dong ; Liu, Jian ; Qin, Hong
Source title: Computer Aided Geometric Design
3. **Accession number:** 20243917104337
Title: SDD-DETR: Surface Defect Detection for No-Service Aero-Engine Blades with Detection Transformer
Authors: Sun, Xiangkun ; Song, Kechen ; Wen, Xin ; Wang, Yanyan ; Yan, Yunhui
Source title: IEEE Transactions on Automation Science and Engineering
4. **Accession number:** 20245017506730
Title: Improved Cascade RCNN algorithm for character detection of cast pipe
Authors: Wang, Yu ; Xu, Fuli ; Wang, Huaizhen ; Cui, Yang ; Jiang, Yan ; Tao, Ye ; Wang, Yisheng ; Zhang, Qi
Source title: Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS
5. **Accession number:** 20245117547415
Title: Dual-Branch Transformer Network for Enhancing LiDAR-Based Traversability Analysis in Autonomous Vehicles
Authors: Shao, Shiliang ; Shi, Xianyu ; Han, Guangjie ; Wang, Ting ; Song, Chunhe ; Zhang, Qi
Source title: IEEE Transactions on Intelligent Transportation Systems
6. **Accession number:** 20245217581569
Title: Adaptive UE Handover Management with MAR-Aided Multivariate DQN in Ultra-Dense Networks
Authors: Wang, Weiran ; Yang, Heng ; Li, Shanshan ; Liu, Xue ; Wan, Zhaojun
Source title: Journal of Network and Systems Management

(九) 人工智能学院 (21 篇)

1. **Accession number:** 20243316863143
Title: TSEDNet:Task-specific encoder – decoder network for surface defects of strip steel
Authors: Guo, Yuyang ; Wei, Jingliang ; Feng, Xinglong
Source title: Measurement: Journal of the International Measurement Confederation
2. **Accession number:** 20243516933896
Title: Event-triggered control for networked switched systems with unstabilizable subsystems subject to mode-dependent denial-of-service attacks
Authors: Xie, Jing ; Zhang, Yuanri ; Yang, Dong
Source title: Nonlinear Dynamics
3. **Accession number:** 20243516936538
Title: SHORT-TERM WIND SPEED COMBINATION PREDICTION MODEL BASED ON COMPLEMENTARY ENSEMBLE EMPIRICAL MODE DECOMPOSITION AND STACKING FUSION
Authors: Fei, Tang
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
4. **Accession number:** 20244617348544
Title: Design of Event-Triggered Asynchronous Sliding Mode Controller for Markov Jump Systems Based on Dynamic Output Feedback
Authors: Zhang, Di ; Chen, Yu
Source title: Circuits, Systems, and Signal Processing
5. **Accession number:** 20244317251690
Title: Two-stage encoder multi-decoder network with global – local up-sampling for defect segmentation of strip steel surface defects
Authors: Xu, Mingxian ; Wei, Jingliang ; Feng, Xinglong
Source title: Engineering Applications of Artificial Intelligence
6. **Accession number:** 20244417297475
Title: One-Step Identification of Robot Physical Dynamic Parameters Considering the Velocity-Load Friction Model
Authors: Qian, Yian ; Fang, Lijin ; Xu, Jiqian ; Song, Tangzhong ; Liu, Guanghui
Source title: IEEE Robotics and Automation Letters
7. **Accession number:** 20244317266743
Title: Bumpless Transfer Control for Switched Systems: A Dual Design of Controller and Switching Signal
Authors: Xie, Jing ; Zhang, Yuanri ; Yang, Dong ; Zhang, Jun
Source title: IEEE Transactions on Systems, Man, and Cybernetics: Systems
8. **Accession number:** 20244017124398
Title: Bumpless transfer control for switched time-delay systems with application to aero-engine control
Authors: Xie, Jing ; Jiang, Peipei ; Zhang, Yuanri ; Yang, Dong
Source title: Journal of the Franklin Institute
9. **Accession number:** 20244017123416

Title: Optimal deception attacks under energy harvesting constraints for cyber - physical systems

Authors: Liu, Xuan; Yang, Guang-Hong; Dimirovski, Georgi Marko; Li, Yi-Gang

Source title: Neurocomputing

10. Accession number: 20244817434297

Title: GILNet: Grouping interaction learning network for lightweight salient object detection

Authors: Wei, Yiru ; Zhu, Zhiliang ; Yu, Hai ; Zhang, Wei

Source title: Applied Intelligence

11. Accession number: 20244917476793

Title: An improved YOLOv8s method and its application in road traffic target detection

Authors: Sang, Jiageng ; Zhang, Zhijia ; Xiao, Chuanmin ; Luo, Haibo ; Zhang, Junyao

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

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Title: H^∞ Anti-Disturbance Bumpless Transfer Control for Switched Affine Systems With Its Application to a Circuit Model

Authors: Xie, Jing ; Su, Han ; Yang, Dong ; Niu, Ben

Source title: IEEE Transactions on Circuits and Systems II: Express Briefs

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Title: Adaptive Dynamic Event-Triggered Tracking Control for Uncertain Switched Nonlinear Systems Under State-Dependent Switching

Authors: Yang, Dong ; Sun, Yanrui ; Zong, Guangdeng ; Zhao, Xudong ; Xie, Jing

Source title: IEEE Transactions on Cybernetics

14. Accession number: 20245017501822

Title: Attention-based multi-layer network representation learning framework for network alignment

Authors: Li, Yao ; Cai, He ; Liu, Huilin

Source title: Information Processing and Management

15. Accession number: 20244817421599

Title: Dispatching rule and Q-learning based dynamic Job shop scheduling algorithm

Authors: Wang, Yanhong ; Yin, Tao ; Tan, Yuanyuan ; Zhang, Jun ; Li, Dong ; Cui, Yue

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

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Title: Optimal off-line generated ϵ -stealthy deception attack strategy design in cyber-physical system

Authors: Shan, Hua-Sheng ; Li, Yi-Gang

Source title: Kongzhi yu Juece/Control and Decision

17. Accession number: 20244717385079

Title: Event-triggered explorized IRL-based decentralized fault-tolerant guaranteed cost control for interconnected systems against actuator failures

Authors: Liang, Yuling ; Luo, Yanhong ; Su, Hanguang ; Zhang, Xiaoling ; Chang, Hongbin ; Zhang, Jun

Source title: Neurocomputing

18. Accession number: 20245017523308

Title: Tracking control with active and passive training cycle switching for rehabilitation training walker

Authors: Sun, Ping ; Zhou, Peng ; Wang, Shuoyu ; Chang, Hongbin

Source title: Robotics and Autonomous Systems

19. Accession number: 20245217585077

Title: An inverted depth-wise and detail-enhanced network for real-time semantic segmentation

Authors: Shao, Yiming ; Zhang, Zhijia ; Li, Haixing ; zhou, Junjie

Source title: Computers and Electrical Engineering

20. Accession number: 20245217572453

Title: Origin of Orientation-Controlled Magnetoresistance Anisotropy in Topologically Protected Semimetal Bi Films

Authors: Wang, Nan ; Dai, Muyan ; Yi, Ming ; Zhang, Tong ; Zhang, Ning ; Zhang, Bowen

Source title: Crystal Growth and Design

21. Accession number: 20245217589054

Title: Data-driven safety control with velocity and input force constraints for a rehabilitation walker considering human-robot training environment

Authors: Sun, Ping ; Huang, Lvshun ; Wang, Shuoyu ; Chang, Hongbin

Source title: International Journal of Control

(十) 环境与化学工程学院 (37 篇)

1. **Accession number:** 20243416907397
Title: The influence of anodization on laser transmission welding between high borosilicate glass and TC4 titanium alloy
Authors: Li, Lei; Chen, Changjun; Li, Chunlei; Xu, Mengxuan; Zhang, Min; Tian, Chen; Zhang, Wei
Source title: Optics and Laser Technology
2. **Accession number:** 20243717021290
Title: Zinc-nickel Alloy Electrodeposition in Choline Chloride-urea System
Authors: Sun, Haijing ; Liu, Shuang ; Wang, He ; Cui, Jianing ; Zhou, Xin ; Tan, Yong ; Sun, Jie
Source title: Surface Technology
3. **Accession number:** 20243516938305
Title: Coal Blending with Peanut Shells: Thermal Behavior, Kinetics, Carbon Reduction and Pollution Reduction Analyses
Authors: Ji, Lijuan ; Wu, Xinyi ; Gao, Yu ; Zhang, Yong ; Yan, Zhonghao ; Pu, Linmao ; Liu, Xinyu
Source title: Water, Air, and Soil Pollution
4. **Accession number:** 20244617359425
Title: Removal of diclofenac sodium from simulated wastewater through an optimized plasma technology system synergized with activated carbon and persulfate
Authors: Song, Jia-Wei ; Bao, Jia ; Liu, Yang ; Wang, Xin ; Shen, Qing-Xin
Source title: Chemical Engineering and Processing - Process Intensification
5. **Accession number:** 20244217186591
Title: FeNiCu-based composite catalyst for hydrogen storage in MgH₂
Authors: Jiang, Yi ; Si, Nan ; Jiang, Wei ; Wang, Zan ; Zhang, Hui
Source title: Chemical Engineering Journal
6. **Accession number:** 20244617353667
Title: Combining Electrochemical Nitrate Reduction and Anammox for Treatment of Wastewater With Low C/N Ratio Nitrate
Authors: Gao, Weichun ; Du, Yan ; Liu, Xueying ; Zhang, Libao ; Li, Dan
Source title: Fuel Cells
7. **Accession number:** 20244617341863
Title: Preparation and properties of thin-wall flame-retardant polycarbonate materials with low heat release and smoke
Authors: Jiang, Hui ; Liu, Jie ; Zhang, Lu ; Li, Sanxi ; Tang, Tao ; Wang, Song
Source title: Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica
8. **Accession number:** 20244517316702
Title: Porous Carbon Materials Prepared from Potassium Citrate for Zinc - Ion Capacitor: Effect of Preparation Method
Authors: Dong, Ziming ; Dou, Jiali ; Ye, Lin ; Jiang, Xihuan ; Jiao, Luwen ; Liu, Xiaojie ; Wang, Song
Source title: Journal of Electronic Materials

- 9. Accession number:** 20244217208149
Title: Superior energy storage performance of Bi_{0.5}Na_{0.5}TiO₃- based ceramic under moderate electric fields via all-scale hierarchical architecture
Authors: Fan, Jiangtao; Chen, Yimeng; Zhong, Langxiang; Yang, Tiantian; Hu, Zhanggui
Source title: Journal of Power Sources
- 10. Accession number:** 20244017143161
Title: Pre-treatment of Remelting Recovery: Ultrasonic Cleaning Mechanism of Non-metallic Layers from Superalloy Scrap Under Based on Hydrochloric Acid and Potassium Iodide Solution System
Authors: Zhang, Zhengwei ; Tang, Junjie ; Yang, Yanhong ; Sun, Yuan ; Liu, Yuzhe ; Qu, Jinglong ; Lin, Weihong
Source title: Journal of Sustainable Metallurgy
- 11. Accession number:** 20244017150474
Title: High-efficiency treatment of antibiotic wastewater by a self-assembled coated double-heterojunction TiO₂/g-C₃N₄/BN photocatalyst
Authors: Yang, Tiantian ; Gao, Tong ; Fan, Jiangtao ; Zhang, Linnan
Source title: New Journal of Chemistry
- 12. Accession number:** 20244617365861
Title: Dynamic magnetic properties of core-shell nanoparticles in an oscillating magnetic field
Authors: Liu, Zhen-yu ; Wang, Wei ; Lv, Dan ; Tu, Yu-hang
Source title: Physica B: Condensed Matter
- 13. Accession number:** 20244517340671
Title: Dynamic magnetic properties and magnetocaloric effect of a nanotube encapsulated with X36
Authors: Xing, Lu ; Wang, Wei ; Lv, Dan ; Li, Bo-Chen ; Liu, Gong-Zhao
Source title: Physica Scripta
- 14. Accession number:** 20244017143902
Title: Effect of triple modification on structure and properties of sesbania gum
Authors: Tang, Hongbo ; Zhang, Wen ; Li, Yanping ; Liu, Xiaojun
Source title: Polymer Bulletin
- 15. Accession number:** 20244117160090
Title: Effects of defects on the structure, electronic and elastic properties of Nb₂GaC: A first principle calculations
Authors: Fan, Limin ; Wu, Yusheng ; Liu, Feng ; Wang, Yuzheng ; Wu, Yuhan ; Wei, Xuelu ; Li, Laishi
Source title: Vacuum
- 16. Accession number:** 20244617354555
Title: Mathematical Modeling and Indirect Carbon Emission Reduction Analysis of Urban Wastewater Treatment Systems Under Different Temperature Conditions
Authors: Liu, Shi-Yue ; Liang, Shuang ; Chen, Zhi-Qiang ; Ma, Yong-Guang ; Gao, Wei-Chun ; Tian, Xue-Yong ; Luo, Yuan-Qing
Source title: Water (Switzerland)
- 17. Accession number:** 20244617363908

Title: Experimental Study on DEP Degradation in Water by Double Grounded Electrode DBD Reactor

Authors: Liu, Shiyue ; Jin, Xuhong ; Zhang, Siyu ; Wang, Cong ; Shen, Xinjun

Source title: Water, Air, and Soil Pollution

18. Accession number: 20244217217521

Title: Effects of Hydraulic Residence Time, NO₃ – and NO₂ – on Sulfate-Reducing Anaerobic Ammonium Oxidation Reaction

Authors: Shao, Siyu ; Cui, Li ; Wang, Danqi ; Lu, Juan ; Qiu, Fan ; Bao, Jia ; Song, Xiaoxiong

Source title: Water, Air, and Soil Pollution

19. Accession number: 20244917489149

Title: Structure Regulation and Energy Storage Mechanisms of Bismuth-Based Anodes for Sodium Ion Batteries

Authors: Zhao, Lina ; Wen, Yuhao ; Bi, Shangyi ; Li, Junyi ; Zhang, Hongjian ; Liu, Li ; Shi, Fanian ; Yan, Jie ; Pan, Shanshan ; Zhang, Haitao

Source title: Batteries and Supercaps

20. Accession number: 20244917468672

Title: Unlocking the potential differences and effects of the anode and cathode regions on N₂O emissions during electric field-assisted aerobic composting

Authors: Shangguan, Huayuan ; Shen, Chang ; Ding, Keren ; Peng, Xiangtian ; Mi, Huan ; Zhang, Shuqun ; Tang, Jiahuan ; Fu, Tao ; Lin, Hao

Source title: Bioresource Technology

21. Accession number: 20244717408355

Title: Polyoxometalate oxate solution: An electrolyte additive to sustainably improve the anodes electrode of aqueous Zn ion batteries

Authors: Du, Li-li ; Li, Zhuo ; Song, Wei-jia ; Bao, Qing-peng ; Wang, Peng-fei ; Gong, Zhe ; Zhang, Yu-hang ; Wu, Yu-han ; Shi, Fa-nian ; Zhou, Ming-dong ; Zhu, Kai

Source title: Chemical Engineering Journal

22. Accession number: 20244917486393

Title: Improved Hydrogen Storage Kinetic Properties of MgH₂ with NiO/NiCo(Fe)₂O₄/(Ni)

Authors: Jiang, Yi ; Si, Nan ; Wang, Zan ; Zhang, Hui ; Jiang, Wei

Source title: Energy and Fuels

23. Accession number: 20244817434814

Title: Response surface optimisation for corona discharge treatment of nicosulfuron in water

Authors: Shen, Xinjun ; Yang, Yuncui ; Zhang, Siyu ; He, Fan ; Liu, Yinxin

Source title: Environmental Technology (United Kingdom)

24. Accession number: 20244917484584

Title: CoFe and NiFe LDH-derived MMO catalysts for enhanced hydrogen storage kinetics performance of MgH₂

Authors: Wang, Chaozhe ; Jiang, Wei ; Si, Nan ; Wang, Zan ; Zhang, Hui

Source title: International Journal of Hydrogen Energy

25. Accession number: 20244817441117

Title: Optimisation of CuO/AC, Fe₂O₃/AC synergistic multi-electrode DBD reactor for degradation of ATZ in water

- Authors:** Shen, Xinjun ; He, Fan ; Zhang, Jing ; Wang, Cong
Source title: Journal of Electrostatics
- 26. Accession number:** 20244717408522
Title: Occurrence and ecological risk of disinfection byproducts in urban water body during the pandemic in the Pearl River Delta
Authors: Wu, Huazhi ; Zhang, Lin ; Guo, Pengran ; Zhao, Yanping ; Song, Yumei ; Zhang, Xuerong ; Lei, Yongqian ; Xu, Jingwei
Source title: Journal of Hazardous Materials
- 27. Accession number:** 20244817432861
Title: Synergistic flame retardancy of poly(cyclotriphosphazene-co-piperazine) particle with aluminum diethylphosphinate in epoxy resin
Authors: Wang, Song ; Meng, Lingchen ; Zhang, Ailing
Source title: Journal of Macromolecular Science, Part A: Pure and Applied Chemistry
- 28. Accession number:** 20245017497383
Title: Colossal barocaloric effect with a wide working-temperature span in octylamine hydrochloride
Authors: Wang, Xuelian ; Wang, Haoyu ; Zhao, Xueting ; Zhang, Zhe ; Wang, Xiaolei ; Li, Bing
Source title: Journal of Materials Chemistry A
- 29. Accession number:** 20244717406445
Title: Zincophilic MOF with N-functional groups for interfacial modification of stable aqueous zinc metal anodes
Authors: Sun, Na ; Yu, Han ; Zhou, Xue ; Si, Xiuwen ; Wang, Pengfei ; Gong, Zhe ; Sun, Yaguang ; Zhou, Mingdong
Source title: Journal of Materials Chemistry C
- 30. Accession number:** 20244917477214
Title: A novel high proton conductivity hydrogen bond self-assembly proton exchange membrane with liquid crystal properties
Authors: Zhang, Yuqing ; Zhang, Ailing ; Fan, Yuting ; Zhou, Kaixiang ; Li, Yongjiang ; Xing, Zuoxia ; Wang, Song
Source title: Journal of Membrane Science
- 31. Accession number:** 20244717408001
Title: Amorphous titanium dioxide with synergistic effect of nitrogen doping and oxygen vacancies by photoexcited sol-gel preparation for enhanced photodegradation of tetracycline
Authors: Sun, Siying ; Sun, Mingyue ; Ming, Weixing ; Ma, Yan ; Li, Han ; Xu, Ge
Source title: Journal of Photochemistry and Photobiology A: Chemistry
- 32. Accession number:** 20244717396484
Title: Recovery of Fe Element from Red Mud by Sodium Roasting and Alkaline Leaching
Authors: Guan, Shuyue ; Tang, Junjie ; Sun, Yuan ; Yang, Yanhong ; Li, Laishi ; Wu, Yusheng ; Shi, Fanian
Source title: Journal of Sustainable Metallurgy
- 33. Accession number:** 20244817431086
Title: In situ construction of η -Fe₂O₃/g-C₃N₄ Z-scheme heterojunction on nickel foam with efficient interfacial charge transport for enhanced photodegradation of Rhodamine B

Authors: Li, Han ; Zhang, Fusen ; Ma, Yan ; Wu, Yutong ; Sun, Siying ; Sun, Shuo ; Xu, Ge

Source title: Materials Science and Engineering: B

34. Accession number: 20244917469340

Title: Reasons for good high-temperature tensile rupture property of high-W content (Nb,W) co-alloying TiAl-based alloy under low stress

Authors: Gao, Junchong ; Dong, Shulin ; Qu, Yingdong ; Chen, Ruirun ; Liu, Shibing ; Li, Guanglong ; Zhang, Wei ; Zhang, Siruo ; Zhou, Qiwen ; Yu, Tianhang

Source title: Materials Today Communications

35. Accession number: 20245217602601

Title: Magnetic quantum behavior of surface-doped three-layer graphene-like system based on spin wave theory

Authors: Xin, Qing ; Guo, Anbang ; Xie, Yanan ; Bao, Ran ; Jiang, Wei ; Wei, Mingcheng

Source title: European Physical Journal B

36. Accession number: 20245117544036

Title: Bimetallic FeCo-MOF as peroxymonosulfate activator for efficient degradation of sulfamethoxazole: Performance and mechanism

Authors: Peng, Xiangtian ; Li, Juan ; Liu, Shiyue ; Zeng, Ping ; Shan, Mingyu

Source title: Molecular Catalysis

37. Accession number: 20245117529589

Title: Optimization and degradation pathway of DEP in water by dielectric barrier discharge

Authors: Shen, Xinjun ; He, Fan ; Zhang, Siyu ; Gao, Xu ; Wang, Cong

Source title: Process Safety and Environmental Protection

(十一) 石油化工学院 (19 篇)

1. **Accession number:** 20242616345623
Title: Preparation and Performance of SAPO Molecular Sieve Solid-loaded Ionic Liquid Catalysts
Authors: Wang, Jingwen ; H.Y., Wang; L., Shi; L., Guo; R.-R., Zheng
Source title: Russian Journal of Applied Chemistry
2. **Accession number:** 20242616332681
Title: Aqueous Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization: Synthesis, Properties, and Application of an Amphoteric Superplasticizer
Authors: Wang, Haiyue ; Jiang, Zezhong ; Guo, Liying ; Zheng, Rongrong ; Li, Jixin ; Yao, Zhiguo ; Shan, Lining
Source title: Russian Journal of Applied Chemistry
3. **Accession number:** 20242616360795
Title: Preparation and Catalytic Performance of Supramolecular Ionic Liquid Catalyst
Authors: Zezhong, Jiang ; Haiyue, Wang ; Rongrong, Zheng ; Kun, Liu ; Qiao, Zhou ; Lei, Han ; Liying, Guo
Source title: Russian Journal of Applied Chemistry
4. **Accession number:** 20243416912902
Title: Facile and scalable synthesis of long-life porous MgO-nanofiber functionalized biochar adsorbent from magnesite for phosphate recycling
Authors: Liang, Hai; Jiang, Ying; Wang, Shuxin; Xue, Zhishuang; Wang, Chunfeng; Wang, Wanting; Zuo, Xiuyuan; Dai, Yan; Ruan, Xuehua
Source title: Separation and Purification Technology
5. **Accession number:** 20242616478967
Title: A New Efficient Synthesis of 4-Alkoxy-1,6-diaryl-1 H -pyrazolo[3,4-d]pyrimidine Derivatives
Authors: Liu, Ju; Zhang, Xin-Wei; Wang, Yang; Chen, Ye; Zhang, Mei-Rong; Cai, Zhi-Qiang; Zhou, Yun-Peng; Xu, Li-Feng
Source title: Synthetic Communications
6. **Accession number:** 20242616373123
Title: Ionic liquids immobilized on nanomaterials: An efficient strategy in catalytic reactions
Authors: Liu, Haitao ; Lu, Jingjing ; Zhao, Xiudan ; Xu, Tiejun
Source title: Synthetic Communications
7. **Accession number:** 20241215770136
Title: Synthesis of hydrophobic CuCl/LaA modified by butyltrichlorosilane towards enhanced CO adsorption under humid environment
Authors: Guo, Qiang; Qiao, Yu; Xiao, Yonghou; Pan, Yi; Li, Yushan; Liu, Xu; He, Gaohong
Source title: Applied Surface Science
8. **Accession number:** 20243917092817
Title: Building high-speed facilitated transport channels in Pebax membranes with montmorillonite for efficient CO₂/N₂ separation
Authors: Zhang, Bing ; Qian, Renying ; Jiang, Yu ; Wang, Jian ; Wu, Yonghong
Source title: Environmental Technology (United Kingdom)

- 9. Accession number:** 20244617363221
Title: Recent Advances in the Research of Biobased Polymers and the Catalytic Application of Ionic Liquids in Their Synthesis
Authors: Zhao, Yuanyuan ; Guo, Liying ; Fang, Bing ; Liu, Bing
Source title: Industrial and Engineering Chemistry Research
- 10. Accession number:** 20244617351808
Title: Preparation of PAAS/GL/GO anti-freezing conductive hydrogels based on chemical cross-linking networks and their application in wearable sensors
Authors: Wang, Kai ; Hu, Jiankang ; Zhang, Yutong ; Xiao, Lei
Source title: Journal of Materials Science: Materials in Electronics
- 11. Accession number:** 20244117163834
Title: Regulation of TADF and RTP Dual Emission via Internal and External Heavy-Atom Effects
Authors: Li, Ping ; Lv, Qixin ; Sun, Chengxi ; Zhang, Peng ; Wang, Xianjie ; Yin, Chao ; Pan, Yuyu ; Chen, Runfeng
Source title: Journal of Physical Chemistry Letters
- 12. Accession number:** 20244117172346
Title: One-pot synthesis of titanium isophthalate and highly active catalytic glycolysis of waste PET
Authors: Wen, Ruiyang ; Shen, Guoliang ; Zhang, Meiqi ; Yu, Yang ; Xu, Shijie
Source title: New Journal of Chemistry
- 13. Accession number:** 20244317261646
Title: Preparation and Sensing Applications of PAMgA/GL Conductive Hydrogels with Antifreezing, High Toughness and High Adhesion
Authors: Wang, Kai ; Zhang, Yutong ; Hu, Jiankang ; Wang, Haiyue
Source title: Russian Journal of Applied Chemistry
- 14. Accession number:** 20244417280162
Title: Separation performances of extended pillar[6]arenes, a new stationary phase for gas chromatography
Authors: Sun, Tao ; Zhang, Yuanyuan ; Liu, Haixin ; Xu, Xiang ; Cai, Zhiqiang ; Hu, Shaoqiang ; Liu, Xianming ; Quinto, Maurizio ; Zhang, Shusheng
Source title: Talanta
- 15. Accession number:** 20244817451057
Title: In Situ Construction of Ultra-Stable CsPbX₃/DMSNs-NH₂ Nanocomposites for White Light-Emitting Devices
Authors: Li, Xin ; Ma, Qi-Wen ; Yu, Guangning ; Shi, Ji ; Chang, Hai-Yang ; Zheng, Rong-Rong ; Xiang, Hengxue ; Wang, Cheng
Source title: ACS Applied Nano Materials
- 16. Accession number:** 20244717388462
Title: Preparation of PAMgA/GL/GO antifreeze conductive hydrogel for wearable strain sensor based on physically cross-linked network
Authors: Wang, Kai ; Zhang, Yutong ; Hu, Jiankang ; Yang, Lidong ; Xiao, Lei
Source title: Journal of Dispersion Science and Technology
- 17. Accession number:** 20244917489200

Title: Flexible Strain Sensor Based on a Dual Crosslinked Network of PAMgA/GL/PANI Antifreeze Conductive Hydrogel

Authors: Wang, Kai ; Zhang, Yutong ; Hu, Jiankang ; Li, Mingjie ; Wu, Bingying

Source title: Macromolecular Chemistry and Physics

18. Accession number: 20244917469779

Title: Prediction of the enhanced performance of Cu(I)-modified porous materials towards CO adsorption by using tree-based machine learning models

Authors: Tao, Wenyuan ; Cui, Yongjie ; Zhao, Qidong ; Wu, Xinfeng ; Xiao, Yonghou

Source title: Separation and Purification Technology

19. Accession number: 20245117552986

Title: Application of alkaline ionic liquid/Brønsted acid synergistic catalysis for the synthesis of cyclic carbonates from aliphatic diols and CO₂

Authors: Fang, Bing ; Wang, Haiyue ; Chang, Wei ; Yao, Yibang ; Guo, Liying ; Zhao, Yuanyuan ; Liu, Bing

Source title: New Journal of Chemistry

(十二) 化工过程自动化学院 (1 篇)

1. Accession number: 20245017519688

Title: Multiple Fano Resonance with Excellent Sensing in Rake-Shaped Graphene Nanostructure

Authors: Li, Guijun

Source title: Advanced Theory and Simulations

(十三) 化工装备学院 (9 篇)

1. **Accession number:** 20243817041668
Title: Study of electronic structure and optical properties of Sn_{0.9375}TM_{0.0625}O₂ (TM=Mo, Ru, Rh, Pd, Ag) based on the first-principles
Authors: Wang, Xin ; Wang, Yijie ; An, Zhiyuan ; Lu, Dawei ; Zhou, Huan ; Yang, Yuqing ; Yang, Song ; Bian, Ying
Source title: Optical and Quantum Electronics
2. **Accession number:** 20243516948780
Title: Analysis of atomization characteristics and efficient synthesis of Mg(OH)₂ in micron scale atomization reactor
Authors: Yu, Honglei ; Li, Yunlong ; Wang, Dexi ; Fan, Lihua ; Zhuo, Maosheng
Source title: Physics of Fluids
3. **Accession number:** 20243717021414
Title: Effect of Trace Element B on the Microstructure and Mechanical Properties of 8Cr₄Mo₄V Bearing Steel
Authors: Yu, Xingfu ; Wu, Ze ; Hao, Tianci ; Su, Yong ; Jia, Ying ; Wei, Yinghua
Source title: Steel Research International
4. **Accession number:** 20243717031781
Title: Effect of Martensite - Bainite Duplex Microstructure on Carbide Precipitation and Mechanical Properties of M50 Steel
Authors: Zheng, Dongyue ; Zhao, Wenzeng ; Yu, Xingfu ; Su, Yong ; Wei, Yinghua
Source title: Steel Research International
5. **Accession number:** 20244117160030
Title: Jet cavitation-enhanced hydration method for the preparation of magnesium hydroxide
Authors: Zuo, Maosheng ; Yu, Honglei ; Wang, Dexi ; Fan, Lihua
Source title: Chemical Engineering and Processing - Process Intensification
6. **Accession number:** 20244317255699
Title: Effect of Intermittent Variable Rate Non-isothermal Aging on the Corrosion Resistance of Al-Zn-Mg-Cu Alloy
Authors: Liu, Tianyu ; Liu, Changjun ; Li, Haoyi ; Li, Fang ; Du, Xiyue ; Zhang, Hao ; Su, Ruiming
Source title: Journal of Materials Engineering and Performance
7. **Accession number:** 20243917082315
Title: Enhanced adhesion and corrosion resistance through the modulation of a metallic Ti underlayer thickness
Authors: Li, Haitao ; Liu, Bo ; Liu, Dajing ; Xie, Baoling
Source title: Materials Today Communications
8. **Accession number:** 20244717399737
Title: Enhancing mixing characteristics of MgCl₂ solution within atomization nozzles: A computational fluid dynamics investigation of structural parameter
Authors: Yu, Honglei ; Fan, Lihua ; Wang, Dexi ; Yang, Hanshuo ; Gong, Ze ; Li, Yunlong
Source title: Chemical Engineering Research and Design
9. **Accession number:** 20244817444877

Title: Experimental Study on Preparation of Nano ZnO by Hydrodynamic Cavitation-Enhanced Carbonization Method and Response Surface Optimization

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

Source title: Processes

(十四) 基础教学学院 (3 篇)

1. **Accession number:** 20243817041668

Title: Study of electronic structure and optical properties of $\text{Sn}_{0.9375}\text{TM}_{0.0625}\text{O}_2$ (TM=Mo, Ru, Rh, Pd, Ag) based on the first-principles

Authors: Wang, Xin ; Wang, Yijie ; An, Zhiyuan ; Lu, Dawei ; Zhou, Huan ; Yang, Yuqing ; Yang, Song ; Bian, Ying

Source title: Optical and Quantum Electronics

2. **Accession number:** 20244717385971

Title: Investigate the symmetrical electrode material based on Pr and Ni doping $\text{SmBaFe}_2\text{O}_{5+\delta}$ for its electrochemical and stability performance for solid oxide cell

Authors: Li, Yunfei ; Guo, Dong ; Li, Aoye ; Qiu, Dongchao ; Niu, Bingbing ; Wang, Biao

Source title: Journal of Power Sources

3. **Accession number:** 20244717408063

Title: Investigate the performance of Sm and Nb co-doping $\text{Sm}_{1-x}\text{Ba}_x\text{Fe}_{0.9}\text{Nb}_{0.1}\text{O}_{3-\delta}$ symmetrical electrode for solid oxide fuel cells

Authors: Li, Yunfei ; Zhai, Qian ; Wen, Chengyi ; Lu, Chunling ; Qiu, Dongchao ; Niu, Bingbing ; Wang, Biao

Source title: Solid State Ionics

(十五) 其他: 未注明学院 (11 篇)

1. **Accession number:** 20244617360712
Title: Estimation and Restoration of Dried Soil Layers in a Slope-Gully Unit of the Chinese Loess Plateau
Authors: Dong, Shuang; Fan, Xiangguo; Li, Tongchuan; Zhang, Jingling; Jia, Yuhua
Source title: Hydrological Processes
2. **Accession number:** 20244117179533
Title: 5G1M: Indoor Fingerprint Positioning Using a Single 5G Module
Authors: Wang, Changhao ; Jin, Xi ; Xia, Changqing ; Xu, Chi ; Sun, Yiming ; Duan, Yong
Source title: IEEE Sensors Journal
3. **Accession number:** 20244517316251
Title: Study of Micro-directional Cu-W Contact Separation Stage Based on Multiphysics Coupling
Authors: Han, Ying ; Li, Hexing ; Gao, Qiqi
Source title: IEEE Transactions on Components, Packaging and Manufacturing Technology
4. **Accession number:** 20244217226696
Title: An orthogonal decoupling method of 2.4 GHz Wi-Fi MIMO antennas for smartwatch applications
Authors: Lv, Rui ; Zhao, Hui ; Luo, Xuan ; Zhao, Danna
Source title: IEICE Electronics Express
5. **Accession number:** 20244417292827
Title: Optimization method for the overlap rate of laser cladding using a variable fitting function
Authors: Song, Boxue ; Wang, Zisheng
Source title: Journal of Laser Applications
6. **Accession number:** 20244117168667
Title: QSIM: A Quantum-inspired hierarchical semantic interaction model for text classification
Authors: Gao, Hui; Zhang, Peng; Zhang, Jing; Yang, Chang
Source title: Neurocomputing
7. **Accession number:** 20245017508115
Title: Removal of sulfonamides by persulfate-based advanced oxidation: A mini review
Authors: Li, Juan ; Peng, Xiangtian ; Zeng, Ping ; Shen, Liang ; Li, Mingyue ; Guo, Yanfei
Source title: Chemosphere
8. **Accession number:** 20244917477871
Title: Quantification-Based Scheduling for Heterogeneous Platform in Industrial Internet
Authors: Xia, Changqing ; Xia, Tianhao ; Wang, Renjun ; Jin, Xi ; Xu, Chi ; Li, Dong ; Zeng, Peng
Source title: IEEE Internet of Things Journal
9. **Accession number:** 20245017517364
Title: Fast Evaluation and Suppression of Electromagnetic Vibrations in Interior Permanent Magnet Synchronous Motors Based on Improved Subdivision Subdomain Models
Authors: Xing, Zezhi ; Wang, Xiuhe ; Zhao, Wenliang ; Chen, Alian ; Yu, Siyang

Source title: IEEE Transactions on Energy Conversion

10. Accession number: 20244917471352

Title: Effect of Mo Nanoparticles on the Microstructure Evolution and Tensile Strength of Sn58Bi/Cu Solder Joints

Authors: Zhao, Yuwen ; Yang, Jiyou ; Xu, Liming ; Zhao, Yueqi ; Li, Kun ; Yang, Linmei

Source title: Journal of Electronic Materials

11. Accession number: 20245217593910

Title: Analysis and experiment of conductive rod of high voltage casing considering creep condition

Authors: Zhou, Xiu ; Tian, Tian ; Li, Liang ; Bai, Jin ; Luo, Yan ; Ma, Kui ; Zhang, Heng ; Jiang, Kaiji ; Chen, Dezhi

Source title: AIP Advances

二、2024 年第四季度 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 (5 篇)

1. Accession number: 20244717400722

Title: Prediction of gripping force of robot-assisted minimally invasive surgery system based on sparrow search algorithm

Authors: Yan, Yong-Li; Ren, Teng; Li, Xueyan; Ding, Li

Source title: ACM International Conference Proceeding Series

2. Accession number: 20243116787491

Title: Optimization design of supply chain network based on BP neural network performance evaluation and feedback mechanism

Authors: Wu, Yao; Liu, Weiwei

Source title: Concurrency and Computation: Practice and Experience

3. Accession number: 20244817449902

Title: Wind turbine blade health state assessment based on fuzzy evaluation

Authors: Zhang, Lixin; Zhou, Bo; Wang, Suisui; Sun, Ning; Zheng, Haocheng

Source title: Journal of Physics: Conference Series

4. Accession number: 20244017151143

Title: Outer spiral drill rod lunar soil sampling resistance moment simulation study

Authors: Li, Dehui; Luo, Haitao; Li, Yuxin; Dong, Yuming

Source title: Journal of Physics: Conference Series

5. Accession number: 20243917080810

Title: Study on the Delamination Damage Prediction of Wind Turbine Blade Spar Cap Based on Morphology Feature Recognition

Authors: Li, H.; Lu, X.L.; Zhou, B.; Xin, W.; Zhang, X.Y.

Source title: Lecture Notes in Civil Engineering

(二) 材料科学与工程学院 (2 篇)

1. **Accession number:** 20244617362625

Title: Effect of different heat inputs on the microstructure and mechanical properties of the laser welded joint of CLF-1 steel

Authors: Shi, Haicheng; Zhang, Guoyu; Cao, Dongxu; Li, Wuhong; Xu, Guojian

Source title: Journal of Physics: Conference Series

2. **Accession number:** 20244617375243

Title: Effect of tempering process on the structure and properties of M51/X32 bimetal band saw blade

Authors: Zhao, Gusiayang; Liu, Yan; Song, Zhuo; Li, Guimao; Fu, Bo; Xia, Changsheng; Ning, Qu

Source title: Journal of Physics: Conference Series

(三) 电气工程学院 (28 篇)

1. **Accession number:** 20244217187695
Title: Single Face Image Super-Resolution Reconstruction with Wasserstein Generative Adversarial Networks
Authors: Gao, Yuquan; Sun, Guoxi; Zhao, Xinzhuo
Source title: 2024 4th IEEE International Conference on Software Engineering and Artificial Intelligence, SEAI 2024
2. **Accession number:** 20245017496640
Title: Study on the Speed Performance of Table Tennis Blade Based on Finite Element Method
Authors: Li, Xin; Lin, Lin; Li, Ziwei; Liu, Lu; Xu, Yanheng; Xin, Lujie
Source title: 2024 4th International Conference on Computer Science and Blockchain, CCSB 2024
3. **Accession number:** 20245017518599
Title: Distributed Neural Dynamic Control of Integrated Energy Systems Considering Communication Noise
Authors: Liu, Jinglu; Li, Tie; Dong, Shengai; Peng, Chengkun; Li, Changjian
Source title: 2024 8th International Conference on Power Energy Systems and Applications, ICoPESA 2024
4. **Accession number:** 20244217215818
Title: Actuation Control of Trailer Mover Using the Nonlinear Disturbance Observer
Authors: Lee, Dong-Hee; Xu, Zhenyao
Source title: 2024 9th Asia-Pacific Conference on Intelligent Robot Systems, ACIRS 2024
5. **Accession number:** 20244917493759
Title: A permanent magnet motor winding fault diagnosis method based on image recognition and transfer learning
Authors: Jing, Ming; Jia, Guanglong; Zhang, Fengge
Source title: 2024 IEEE Transportation Electrification Conference and Expo, Asia-Pacific, ITEC Asia-Pacific 2024
6. **Accession number:** 20244917493797
Title: Research on Temperature Field of Low Speed High Torque Integrated Motor Based on Improved Equivalent Thermal Network Model
Authors: Deng, Qinnan; Zhang, Fengge
Source title: 2024 IEEE Transportation Electrification Conference and Expo, Asia-Pacific, ITEC Asia-Pacific 2024
7. **Accession number:** 20244917493874
Title: Hybrid Pulse Width Modulation with Integration of Measurement Vector Insertion With Discontinuous PWM for PMSM Sensorless Control
Authors: Lin, Zhanyi; Zhang, Fengge
Source title: 2024 IEEE Transportation Electrification Conference and Expo, Asia-Pacific, ITEC Asia-Pacific 2024
8. **Accession number:** 20244117155894

Title: Research on Predictive Control Method of Permanent Magnet Synchronous Motor Based on Using Ultra-local Model

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

Source title: Chinese Control Conference, CCC

9. Accession number: 20244517306107

Title: Optimization of AC contactor closing phase angle based on entropy weight method and efficacy coefficient method

Authors: Zhang, Junhui; Liu, Shuxin; Liu, Yang; Xing, Chaojian; Xu, Jing

Source title: Journal of Physics: Conference Series

10. Accession number: 20244917483302

Title: Manufacturing Technology and Quality Control of Large Transformer Silicon Steel Sheet Core

Authors: Li, Longfei; Liu, Lei; Zhang, Fei; Chen, Dezhi; Du, Zhaoguang; Wang, Minkai

Source title: Proceedings - 6th International Conference on HVDC, HVDC 2024

11. Accession number: 20244317247532

Title: Lightweight Image Deraining Network Based on Dilated Depthwise Separable Convolution and Enhanced Channel Attention

Authors: Lin, Sen; Zhou, Guang; Tang, Yonghua

Source title: Proceedings of 2024 2nd International Conference on Signal Processing and Intelligent Computing, SPIC 2024

12. Accession number: 20244317247543

Title: Design of Network Security Intrusion Detection System Based on NIDSeqFormer Framework

Authors: Zhou, Yue; Gao, Zihan; Zhou, Xiaotong; Li, Xuanyu

Source title: Proceedings of 2024 2nd International Conference on Signal Processing and Intelligent Computing, SPIC 2024

13. Accession number: 20243917106569

Title: A wireless EEG device using Bluetooth for brain activity measurement

Authors: Bai, Hewen; Yang, Shanzhi; Xiang, Zijie; Li, Chunsheng

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

14. Accession number: 20243917106570

Title: Epileptogenic zone localization using intracranial EEG network features from epilepsy patient

Authors: Jiang, Tiecheng; Jiang, Mingming; Li, Chunsheng

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

15. Accession number: 20245117546548

Title: A Predictive Model for Morphogenesis of a Robot Sequence Mimicking Protein Folding

Authors: Ni, Zihao; Han, Zhi; Wang, Shixian; Gu, Yuping; Yang, Yongliang

Source title: 14th IEEE International Conference on Cyber Technology in Automation, Control, and Intelligent Systems, CYBER 2024

16. Accession number: 20245117546115

Title: Adjustable Remote Center of Motion Control of Sinus Endoscopic Surgical Robot

Authors: Hou, Bowen; He, Xiao; Li, Dingjia; Zhao, Ximei; Bai, Weiliang; Yang, Yongming; Liu, Hao

Source title : 14th IEEE International Conference on Cyber Technology in Automation, Control, and Intelligent Systems, CYBER 2024

17. Accession number: 20245217588456

Title: Research on emotion recognition based on human physiological signals

Authors: Li, Chaolei; Han, Ling

Source title: ACM International Conference Proceeding Series

18. Accession number: 20245217588457

Title: Prediction of Epileptic Seizures Based on a Neural Mass Model and Brain Network Analysis

Authors: Hu, Yinqiang; Han, Ling

Source title: ACM International Conference Proceeding Series

19. Accession number: 20245217588447

Title: Research on cell activity discrimination method based on biological impedance

Authors: Li, Jiaxuan; Du, Qiang; Wang, Xuelei; Shen, Huidi; Ke, Li

Source title: ACM International Conference Proceeding Series

20. Accession number: 20245217588459

Title: A study of bioelectrical impedance-based activation detection method for functional brain regions of working memory

Authors: He, Yuan; Du, Qiang; Bai, Yunfeng; Tian, Bowen; Ke, Li

Source title: ACM International Conference Proceeding Series

21. Accession number: 20245217588444

Title: Cell differentiation studies based on bioimpedance imaging methods

Authors: Wang, Qiao; Du, Qiang; Wang, Xuelei; Zou, Lijing; Ke, Li

Source title: ACM International Conference Proceeding Series

22. Accession number: 20245217588449

Title: Surgical Outcome Prediction Using Network with Effective Connectivity for Patients with Refractory Epilepsy

Authors: Su, Heng; Li, Chunsheng

Source title: ACM International Conference Proceeding Series

23. Accession number: 20245217588460

Title: Characterization of bioimpedance signals under pure tone stimulation of different frequencies

Authors: Tian, Bowen; Du, Qiang; Bai, Yunfeng; He, Yuan; Ke, Li

Source title: ACM International Conference Proceeding Series

24. Accession number: 20245217588453

Title: Classification and Recognition of Noise-Induced Hearing Loss Based on P300 Event-Related Potential and LSTM-Attention Network

Authors: Hong, Chen; Xiaohu, Peng; Qiang, Du; Hongming, Zhang

Source title: ACM International Conference Proceeding Series

25. Accession number: 20245217588454

Title: Graph Theory-Based Network Analysis of Brain Function in Noise-Induced Hearing Loss Patients

Authors: Chen, Hong; Xiao, Zhiyuan; Zhang, Hongming

Source title: ACM International Conference Proceeding Series

26. Accession number: 20245117555481

Title: Short-Term Multi-Energy Load Forecasting Based on Feature Reconstruction and TCN-Informer

Authors: Wei, Mofan; Shi, Jiaqi; Zhang, Tieyan; Zhao, Yan; Jiang, He; He, Yutong

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

27. Accession number: 20245117550790

Title: Research on capacity configuration method of optical storage charging integrated charging station considering economic and environmental benefits

Authors: Yu, Changle; Yang, Lin; Zhang, Su; Liu, Jun; Wan, Jia; Song, Mingda

Source title: Journal of Physics: Conference Series

28. Accession number: 20245117550789

Title: Optimisation of photovoltaic storage and charging system operation based on photovoltaic power generation prediction analysis

Authors: Yu, Changle; Li, Wenwen; Liu, Jun; Zhang, Su; Zhao, Xiaona; Li, Qiwen

Source title: Journal of Physics: Conference Series

(四) 信息科学与工程学院 (9 篇)

1. **Accession number:** 20244117154613
Title: Under-actuated distributed collaborative exploration and search of task areas by multiple mobile trolleys
Authors: Si, Xinye; Zhang, Yi; Wang, Chenqi
Source title: Chinese Control Conference, CCC
2. **Accession number:** 20244817449902
Title: Wind turbine blade health state assessment based on fuzzy evaluation
Authors: Zhang, Lixin; Zhou, Bo; Wang, Suisui; Sun, Ning; Zheng, Haocheng
Source title: Journal of Physics: Conference Series
3. **Accession number:** 20244517305192
Title: Multi-agent long-distance end-to-end indoor navigation: Using imitation learning pre-training and global map
Authors: Jiang, Yang; Yuan, Guoqin; Xing, Haobo; Zhao, Bin
Source title: Journal of Physics: Conference Series
4. **Accession number:** 20244517305193
Title: Research on deep reinforcement learning-based complex crowd navigation algorithm using risk perception and path selection
Authors: Zhao, Tianxiang; Jiang, Yang; Chang, Jiajun; Zhao, Bin
Source title: Journal of Physics: Conference Series
5. **Accession number:** 20243717019840
Title: The Application of Big Data Technology in Monitoring and Analyzing the Operation of Economic Policies
Authors: Liu, Dongqi; Qian, Xiangyi; Yang, Haoyu
Source title: Learning and Analytics in Intelligent Systems
6. **Accession number:** 20244317247573
Title: Ice Scoop Block Texture Segmentation Method Based on Deeplabv3+
Authors: Li, Dejian; Zhang, Shaoqi; Qu, Jinzhu
Source title: Proceedings of 2024 2nd International Conference on Signal Processing and Intelligent Computing, SPIC 2024
7. **Accession number:** 20244617375510
Title: Research on tree detection method based on UAV LIDAR point cloud
Authors: Yu, Wenquan; Song, Dalei
Source title: Proceedings of SPIE - The International Society for Optical Engineering
8. **Accession number:** 20245117564050
Title: A method for measuring virtual image distance in head-mounted display by using the variable focus optics
Authors: Huang, Shuangjiang; Wang, Lihui; Huang, Yutao; He, Yuan; Bai, Shi
Source title: Proceedings of SPIE - The International Society for Optical Engineering
9. **Accession number:** 20245117549521
Title: A Novel Multi-view Hypergraph Adaptive Fusion Approach for Representation Learning
Authors: Zheng, Yang; Yu, Yang; Zhang, Yue; Lin, Shanshan

Source title: SocialMeta 2024 - Proceedings of the 3rd International Workshop on Social and Metaverse Computing, Sensing and Networking, Part of: ACM SenSys 2024

(五) 管理学院 (2 篇)

1. **Accession number:** 20244517321239

Title: Recent Advancements with Human Behavior Recognition and AI in Construction Automation: A literature Review

Authors: Li, Shuai; Zhu, Aimin

Source title: ICARM 2024 - 2024 9th IEEE International Conference on Advanced Robotics and Mechatronics

2. **Accession number:** 20244717400242

Title: Integrating Wireless Sensor Networks in Construction Project Risk Management: A Cyber-Physical Approach to Enhancing Robustness and Security in Smart Building Developments

Authors: Li, Shuai; Zhu, Aimin

Source title: Proceeding of the WRC Symposium on Advanced Robotics and Automation, WRC SARA

(六) 理学院 (8 篇)

1. **Accession number:** 20244117169998
Title: Robust Output Regulation Problem for Descriptor Time-Delay Systems
Authors: Su, Xiaoming; Chi, Tingting; Bao, Adiya; Wang, Zhanxiu
Source title: 14th Asian Control Conference, ASCC 2024
2. **Accession number:** 20244117154613
Title: Under-actuated distributed collaborative exploration and search of task areas by multiple mobile trolleys
Authors: Si, Xinye; Zhang, Yi; Wang, Chenqi
Source title: Chinese Control Conference, CCC
3. **Accession number:** 20244117154694
Title: Optimal Control for Zero-Sum Game Problems based on Policy Iteration
Authors: Gao, Yang; Li, Yuan; Shi, Xiangjun
Source title: Chinese Control Conference, CCC
4. **Accession number:** 20244117155824
Title: Sliding Mode Control of Variable-Order Fractional-Order Chaotic Systems with Uncertainties and Perturbations
Authors: Shi, Xiangjun; Li, Yuan; Wang, Yingying; Gao, Yang
Source title: Chinese Control Conference, CCC
5. **Accession number:** 20244117155479
Title: Adaptive sliding mode preview control for SIRS model with saturation incidence
Authors: Wang, Chenqi; Li, Yuan; Zhang, Yi
Source title: Chinese Control Conference, CCC
6. **Accession number:** 20244117155400
Title: Event-triggered Sliding Mode Control of Biological Systems with Beddington-DeAngelis Functional Response
Authors: Zhang, Kexin; Zhang, Yi; Liu, Lu
Source title: Chinese Control Conference, CCC
7. **Accession number:** 20244117154897
Title: Modeling of Stochastic SIQR Infectious Disease Models and Optimal Control
Authors: Liu, Lu; Zhang, Yi; Zhang, Kexin
Source title: Chinese Control Conference, CCC
8. **Accession number:** 20244117154657
Title: An a - L^∞ stability Small-Gain Theorem for Nonlinear Interconnection Systems
Authors: Xiaoming, Su; Jiamei, Li; Adiya, Bao; Zhanxiu, Wang
Source title: Chinese Control Conference, CCC

(七) 建筑与土木工程学院 (3 篇)

1. **Accession number:** 20244817449902
Title: Wind turbine blade health state assessment based on fuzzy evaluation
Authors: Zhang, Lixin; Zhou, Bo; Wang, Suisui; Sun, Ning; Zheng, Haocheng
Source title: Journal of Physics: Conference Series
2. **Accession number:** 20244817449900
Title: Quantitative analysis of the impact of wrinkle defects on the strength of wind turbine blade main spars
Authors: Zheng, Haocheng; Zhou, Bo; Sun, Ning; Zhang, Lixin
Source title: Journal of Physics: Conference Series
3. **Accession number:** 20243917080810
Title: Study on the Delamination Damage Prediction of Wind Turbine Blade Spar Cap Based on Morphology Feature Recognition
Authors: Li, H.; Lu, X.L.; Zhou, B.; Xin, W.; Zhang, X.Y.
Source title: Lecture Notes in Civil Engineering

(八) 软件学院 (11 篇)

1. **Accession number:** 20244217192000
Title: Application of Nano Copper Paste in Large-Area Sintering: A Study on Enhancing Its Sintering Performance
Authors: Gao, Chenshan; Li, Shizhen; Yao, Qian; Li, Yuhong; Liu, Jiafeng; Tian, Tiancheng; Wang, Lingen; Wu, Shaohui; Ye, Huaiyu
Source title : 2024 25th International Conference on Electronic Packaging Technology, ICEPT 2024
2. **Accession number:** 20244117184263
Title: Design of Anomaly Detection Research Model for Multi-Dimensional Temporal Data
Authors: Wang, Shuai; Jiang, Yan
Source title : 2024 4th International Conference on Machine Learning and Intelligent Systems Engineering, MLISE 2024
3. **Accession number:** 20243917105428
Title: Research on Text Detection in Tourist Traffic Signs Based on an Improved DBNet
Authors: Shao, Zhong; Ma, Shiwen
Source title : 2024 6th International Conference on Communications, Information System and Computer Engineering, CISCE 2024
4. **Accession number:** 20243917105543
Title: Multimodal Recognition of Landmarks Based on Vision Language Model
Authors: Mu, Jinyu; Niu, Lianqiang; Zhang, Yijiang
Source title : 2024 6th International Conference on Communications, Information System and Computer Engineering, CISCE 2024
5. **Accession number:** 20245017513437
Title: A YOLOv7-based Method for Rapid Detection of Printed Text in Examination Papers
Authors: Shao, Zhong; Lan, Jiaxu
Source title: 2024 6th International Conference on Next Generation Data-Driven Networks, NGDN 2024
6. **Accession number:** 20244317258967
Title: Design and implementation of virtual barber APP based on deep learning technology
Authors: Zhang, Aokaixiang; Yuan, Ye; Peng, Bo; Cui, Jing; Zheng, Jiawei; Pan, Yueyue
Source title: 2024 6th International Conference on Next Generation Data-Driven Networks, NGDN 2024
7. **Accession number:** 20245117546554
Title: Mobile Robot Autonomous Exploration Method with Improved Weighted Centroid and Multi-Objective Optimization
Authors: Zhang, Aokaixiang; Yuan, Ye; Peng, Bo; Cui, Jing; Zheng, Jiawei; Pan, Yueyue
Source title: 2024 6th International Conference on Next Generation Data-Driven Networks, NGDN 2024
8. **Accession number:** 20245117546686
Title: An Opensim Based Verification Method for Lower Limb sEMG Muscle Synergy Decomposition
Authors: Yu, Huiting; Yang, Deguo; Shi, Enming; Liang, Jiawei; Zhang, Bi; Zhao, Xingang

Source title: 2024 6th International Conference on Next Generation Data-Driven Networks, NGDN 2024

9. Accession number: 20245117532316

Title: Improving the CodeGeeX Model Based on the Relative Convolutional Multi-Head Attention Method

Authors: Yang, Deguo; Xu, Ao

Source title: 2024 3rd International Conference on Artificial Intelligence, Internet of Things and Cloud Computing Technology, AIOTC 2024

10. Accession number: 20245117532236

Title: Based on cross-modal interaction and multi-level fusion sentiment analysis

Authors: Yang, Deguo; Li, Dongyue

Source title: 2024 3rd International Conference on Artificial Intelligence, Internet of Things and Cloud Computing Technology, AIOTC 2024

11. Accession number: 20245217583591

Title: Code vulnerability detection method based on taint analysis and graph neural network

Authors: Shao, Zhong; Yu, Yang

Source title: ACM International Conference Proceeding Series

(九) 人工智能学院 (14 篇)

1. **Accession number:** 20244117170290
Title: Dynamic Model Adaptation for Non-Exemplar Class-Incremental Learning
Authors: Li, Zhefeng; Niu, Xiaoru; Wei, Jingliang
Source title: 14th Asian Control Conference, ASCC 2024
2. **Accession number:** 20244417291671
Title: Bearing Fault Diagnosis Based on Dual-Branch Multi-Scale CNN-LSTM Feature Fusion
Authors: Zhang, Tong; Liu, Qingke; Li, Kai; Wang, Nan
Source title: 2024 2nd International Conference on Cyber-Energy Systems and Intelligent Energy, ICCSIE 2024
3. **Accession number:** 20244417291663
Title: Dynamic Event-Triggered Neural Network-Based Approach for Solving the Decentralized Guaranteed Cost Control Problem
Authors: Shao, Zhi; Liang, Yuling; Mao, Xiao; Su, Hanguang
Source title: 2024 2nd International Conference on Cyber-Energy Systems and Intelligent Energy, ICCSIE 2024
4. **Accession number:** 20244117184264
Title: Multi-Objective Packet Broadcast Scheduling for Load Aggregators Based on User Characteristics
Authors: Guo, Junhan; Yu, Hongxia
Source title: 2024 4th International Conference on Machine Learning and Intelligent Systems Engineering, MLISE 2024
5. **Accession number:** 20244117184288
Title: YOLOV5-based target detection for ground litter picking robot
Authors: Liu, Qun; Yu, Hongxia
Source title: 2024 4th International Conference on Machine Learning and Intelligent Systems Engineering, MLISE 2024
6. **Accession number:** 20244217221876
Title: Covert UAV Data Transmission Via Semantic Communication: A DRL-Driven Joint Position and Power Optimization Method
Authors: Xu, Rui; Li, Gaolei; Yang, Zhaohui; Kang, Jiawen; Zhang, Xiaoyu; Li, Jianhua
Source title: 2024 IEEE/CIC International Conference on Communications in China, ICC 2024
7. **Accession number:** 20244717411927
Title: A Passive Synthetic Aperture Direction-of-Arrival Estimation Method Under the Autonomous Underwater Vehicle Yaw Motion
Authors: Yueming, Ma; Jie, Sun; Tianze, Hu; Hang, Dong
Source title: 2024 OES China Ocean Acoustics, COA 2024
8. **Accession number:** 20244717410853
Title: Networked Control System: Development and Prospect
Authors: Xiyan, Yu; Zhongda, Tian
Source title: 6th International Conference on Industrial Artificial Intelligence, IAI 2024

- 9. Accession number:** 20244117155893
Title: A path planning algorithm for oil-spill-removal robot on polluted sea surface based on ACO and Neural networks
Authors: Liu, Weijia; Wang, Yanhong; Li, Dong
Source title: Chinese Control Conference, CCC
- 10. Accession number:** 20244117155952
Title: Adaptive Neural Network Tracking Control for Switched Nonlinear Systems with Prescribed Performance: A State-Dependent Switching Approach
Authors: Liu, Hongbin; Xie, Jing; Yang, Dong; Wang, Juan; Zhang, Di; Zhang, Zhihui
Source title: Chinese Control Conference, CCC
- 11. Accession number:** 20244617375090
Title: Transaction optimisation for Multi- microgrid system based on non-cooperative games
Authors: Shi, Yan Hong; Yu, Hong Xia
Source title: Proceedings of SPIE - The International Society for Optical Engineering
- 12. Accession number:** 20243917118764
Title: Improved underwater seafood target recognition network based on YOLOv7
Authors: Su, Xu; Zhang, Zhijia
Source title: Proceedings of SPIE - The International Society for Optical Engineering
- 13. Accession number:** 20245117546548
Title: A Predictive Model for Morphogenesis of a Robot Sequence Mimicking Protein Folding
Authors: Ni, Zihao; Han, Zhi; Wang, Shixian; Gu, Yuping; Yang, Yongliang
Source title : 14th IEEE International Conference on Cyber Technology in Automation, Control, and Intelligent Systems, CYBER 2024
- 14. Accession number:** 20245217574510
Title: The Method of Assessing Seed Sowing Irregularity in Nested Sowing Process and Its Application
Authors: Strygin, Sergei; Litovka, Yuri; Konkina, Viktoriya; Zhang, Zhijia; Wang, Yumeng
Source title: ACM International Conference Proceeding Series

(十) 环境与化学工程学院 (2 篇)

1. **Accession number:** 20244717410760

Title: Application of GA-PSO-LSTM Model in Membrane Fouling Prediction in Wastewater Treatment Process

Authors: Wang, Xiaoying; Zhang, Lei; Tian, Xueyong

Source title: 6th International Conference on Industrial Artificial Intelligence, IAI 2024

2. **Accession number:** 20244317227618

Title: Analysis of carbon emission hotspots and trends at home and abroad based on bibliometrics

Authors: Liu, Shiyue; Liang, Shuang; Zhu, Xingyun; Peng, Xiangtian; Chen, Zhiqiang

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

(十一) 基础教学学院 (1 篇)

1. **Accession number:** 20244117170122

Title: Fuzzy Time Series Algorithm for Predicting Epidemic Trends in Infectious Diseases

Authors: Liu, Zhi; Zhang, Zhiyi

Source title: 14th Asian Control Conference, ASCC 2024

(十二) 其他: 未注明学院 (9 篇)

1. **Accession number:** 20244417289192
Title: The Optimal Strategy of Power Economic Dispatching for Park Integrated Energy System Based on Proportional Weight
Authors: Yu, Peng; Wang, Shunjiang; Wang, Rongmao; Guo, Meng; Wang, Hao
Source title: 2024 3rd International Conference on Energy and Electrical Power Systems, ICEEPS 2024
2. **Accession number:** 20245017513297
Title: Short-term load forecasting of industrial park considering time correlation under data-driven
Authors: Yu, Peng; Guo, Meng; Wang, RongMao; Wang, Hao; Wang, ShunJiang
Source title: 2024 6th International Conference on Next Generation Data-Driven Networks, NGDN 2024
3. **Accession number:** 20245017520469
Title: Robust Optimal Scheduling of Integrated Energy System Considering Flexible Load and Uncertainty
Authors: Yu, Peng; Wang, Shunjiang; Wang, Rongmao; Guo, Meng; Wang, Hao
Source title : 2024 9th International Conference on Intelligent Computing and Signal Processing, ICSP 2024
4. **Accession number:** 20243917093727
Title: Two way auction transaction mechanism of distributed energy based on blockchain Technology
Authors: Yuan, Peng; Zhao, Qingsong; Zhang, Xiaoheng; Ma, Xintong; Cheng, Jifeng; Ma, Run; Ren, Kang
Source title: ACM International Conference Proceeding Series
5. **Accession number:** 20244517306199
Title: Electrical-endurance prediction of AC contactor based on transformer
Authors: Liu, Yang; Liu, Shuxin; Zhang, Junhui
Source title: Journal of Physics: Conference Series
6. **Accession number:** 20244017133658
Title: Air energy heating system for crude oil based on photovoltaic green electricity
Authors: Liu, Shizhen; Liu, Cheng; Xu, Zengjin; Zheng, Haixin; Miao, Wenhao; Zhang, Shennan
Source title: Journal of Physics: Conference Series
7. **Accession number:** 20244017130199
Title: Dual Learning Model of Code Summary and Generation Based on Transformer
Authors: Wang, Jiaying; Cao, Lijun; Shan, Jing; Song, Xiaoxu; Jiang, Junyi
Source title : Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)
8. **Accession number:** 20244017130236
Title: Attention-Based Spatial-Temporal Fusion Networks for Traffic Flow Prediction
Authors: Wang, Jiaying; Yang, Heng; Shan, Jing; Song, Xiaoxu; Jiang, Junyi

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

9. Accession number: 20244417275162

Title: Research on continuous jump action recognition of feet based on improved C3D

Authors: Guo, Hui; Ma, Yaning

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