

2020 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
2020 年 12 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2020 年 10 月 1 日至 2020 年 12 月 30 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author Afflication”字段；
- ④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

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

联系人：刘英煜 商璐

联系电话：25496607

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一、2020 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 (17 篇)

1. **Accession number:** 20204209354386
Title: Effect of milling parameters on chip shape and chip morphology for Zr-based bulk metallic glass by using micro-groove milling
Authors: Liu, Yin ; Gong, Yadong ; Liu, Weijun ; Sun, Xingwei ; Xu, Liang
Source title: International Journal of Advanced Manufacturing Technology
2. **Accession number:** 20204209359883
Title: Design, analysis and prototyping of a magnetic energy-harvesting suspension for vehicles
Authors: Zhou, Ran ; Sun, Feng ; Yan, Mingyin ; Jin, Junjie ; Li, Qiang ; Xu, Fangchao ; Zhang, Xiaoyou ; Nakano, Kimihiko
Source title: Smart Materials and Structures
3. **Accession number:** 20204209364814
Title: Experimental investigations into cleaning mechanism of ship shell plant surface involved in dry laser cleaning by controlling laser power
Authors: Liu, Yin ; Liu, Weijun ; Zhang, Dong ; Tian, Zeqi ; Sun, Xingwei ; Wei, Zhe
Source title: Applied Physics A: Materials Science and Processing
4. **Accession number:** 20204209367043
Title: Detecting defects in the main spar of a wind turbine blade (Open Access)
Authors: Zhou, Bo ; Yu, Fangai ; Luo, Yuegang ; Li, He
Source title: Journal of Renewable and Sustainable Energy
5. **Accession number:** 20204309378536
Title: Yaw Stability Control of Carrier-Based Aircraft Towbarless Tractor Carrier
Authors: Qi, Jiyan ; Jin, Jiaqi ; Fu, Jingshun
Source title: Shanghai Jiaotong Daxue Xuebao/Journal of Shanghai Jiaotong University
6. **Accession number:** 20204309383791
Title: Composite synchronization of four exciters driven by induction motors in a vibration system
Authors: Kong, Xiangxi ; Zhou, Chong ; Wen, Bangchun
Source title: Meccanica
7. **Accession number:** 20204309403504
Title: Microstructure and Properties of Two-stage Aging Heat Treated Single Multilayer DZ125 After Laser Deposition Repair
Authors: Bian, Hongyou ; Zhai, Xingyue ; Wang, Shijie ; Li, Ying ; Wang, Wei ; Wang, Wei
Source title: Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering
8. **Accession number:** 20204509448062
Title: Classification of Edge Distortion of Tooth Profile Image Based on Improved Twin Support Vector Machine
Authors: Sun, He ; Zhao, Wen-Zhen ; Zhao, Wen-Hui ; Duan, Zhen-Yun
Source title: Guangzi Xuebao/Acta Photonica Sinica

- 9. Accession number:** 20204509457896
Title: Sommerfeld Effect and Unbalanced Response Analysis in Single Disk Rotor System with Eccentric Mass Considering Induction Motor Model (Open Access)
Authors: Kong, Xiangxi ; Niu, Junkai ; Luo, Yuanqing ; Xu, Qi
Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering
- 10. Accession number:** 20204509458763
Title: Shock Resistance of Vibration Isolation System with Hydraulic Displacement
Authors: Wang, Peng ; Yan, Ming ; Zhang, Chunhui ; Liu, Haichao
Source title : Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis
- 11. Accession number:** 20204509459522
Title: Surface tension - Based ultra-micro precision dispensing method for micro - Scale manufacturing and its key influence factors analysis
Authors: Liu, Huifang ; Qiao, Kaiqing ; Sun, Xingwei ; Gao, Quanxiang ; Chang, Yunlong ; Xu, Haotian
Source title: Journal of Micromechanics and Microengineering
- 12. Accession number:** 20204609476457
Title: Impact test study of a gas turbine support structure based on impact response equivalence
Authors: Han, Lu ; Zhang, Mingyuan ; Feng, Linhan ; Meng, Xiansong
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
- 13. Accession number:** 20204609485909
Title: Magnetostrictive iron-gallium alloy harvester with efficient two-mode AC-DC converting technology for effective vibration energy harvesting
Authors: Liu, Huifang ; Cao, Chongdong ; Sun, Xingwei ; Zhao, Luyao ; Cong, Chen
Source title: AIP Advances
- 14. Accession number:** 20203809208385
Title: Probabilistic Principal Component Analysis Assisted New Optimal Scale Morphological Top-Hat Filter for the Fault Diagnosis of Rolling Bearing (Open Access)
Authors: Zhao, Siyu ; Chen, Changzheng ; Luo, Yuanqing
Source title: IEEE Access
- 15. Accession number:** 20203909225145
Title: Effect of Heat Treatment on Microstructure and Friction and Wear Properties of Laser Deposited DZ125 Alloy
Authors: Bian, Hongyou; Di, Tengda ; Wang, Shijie ; Qu, Shen ; Wang, Wei ; Yang, Guang
Source title: Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering
- 16. Accession number:** 20203909236591
Title: The influence of heat treatment temperature on microstructures and mechanical properties of titanium alloy fabricated by laser melting deposition (Open Access)
Authors: Wang, Wei ; Xu, Xiaowen ; Ma, Ruixin ; Xu, Guojian ; Liu, Weijun ; Xing, Fei
Source title: Materials

17. Accession number: 20203909249066

Title: Experiment of Magnetic Abrasive Finishing on TC4 Titanium Alloy Hole

Authors: Jiao, An-Yuan ; Zhang, Guo-Fu ; Ding, Hao-Dong ; Liu, Wei-Jun

Source title: Dongbei Daxue Xuebao/Journal of Northeastern University

(二) 材料科学与工程学院 (26 篇)

1. **Accession number:** 20201908616022
Title: Microstructure and properties of a novel wear- And corrosion-resistant stainless steel fabricated by laser melting deposition
Authors: Han, Yurou ; Zhang, Chunhua ; Cui, Xue ; Zhang, Song ; Chen, Jiang ; Dong, Shiyun ; Abdullah, Adil Othman
Source title: Journal of Materials Research
2. **Accession number:** 20203309054520
Title: Asymmetric hybrid capacitor based on Co₃O₄ nanowire electrode
Authors: Zhao, Yue ; Liu, Henqi ; Hu, Pengfei ; Song, Jianrong ; Xiao, Li
Source title: Ionics
3. **Accession number:** 20204009260070
Title: Study of processing maps of NiTi shape-memory alloy under different instability criteria
Authors: Zhou, Ge ; Yu, Xuemei ; Li, Jianlin ; Liu, Lirong ; Chen, Lijia ; Guan, Lei
Source title: Philosophical Magazine Letters
4. **Accession number:** 20204209370035
Title: Low-cycle Fatigue Behavior of Al-5.4Zn-2.6Mg-1.4Cu Alloy Sheet
Authors: Wang, Guanyi ; Che, Xin ; Zhang, Haoyu ; Chen, Lijia
Source title: Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
5. **Accession number:** 20204409407750
Title: Uncovering the role of Ag in layer-alternating Ni₃S₂/Ag/Ni₃S₂ as an electrocatalyst with enhanced OER performance
Authors: Guo, Rui ; He, Yan ; Wang, Renchao ; You, Junhua ; Lin, Hongji ; Chen, Chiente ; Chan, Tingshan ; Liu, Xuanwen ; Hu, Zhiwei
Source title: Inorganic Chemistry Frontiers
6. **Accession number:** 20204409426402
Title: Parameters setup for first-principles on well-formedness and thermodynamic properties of bulk and habit surfaces of Mg₂Si (Open Access)
Authors: Liu, Tongyu ; Ren, Yuyan ; Pan, Ying ; Li, Yingmin ; Liu, Weihua
Source title: Materials Research Express
7. **Accession number:** 20204409431452
Title: Microstructure evolution, wear behavior, and corrosion performance of alloy steel gradient material fabricated by direct laser deposition (Open Access)
Authors: Jiang, P.F. ; Zhang, C.H. ; Zhang, S. ; Zhang, J.B. ; Chen, J. ; Liu, Y.
Source title: Journal of Materials Research and Technology
8. **Accession number:** 20204409440295
Title: Effect of 1 at. % Cu addition on the soft magnetic properties of FeSiBPC amorphous/nanocrystalline alloys (Open Access)
Authors: Jiang, Tianhao ; Zhao, Min ; Xiang, Qingchun ; Ren, Yinglei ; Li, Qingfeng ; Qiu, Keqiang
Source title: AIP Advances
9. **Accession number:** 20204509451165

Title: Emergent Ferroelectricity in Otherwise Nonferroelectric Oxides by Oxygen Vacancy Design at Heterointerfaces

Authors: He, Ri ; Lin, Jun Liang ; Liu, Qing ; Liao, Zhaoliang ; Shui, Lingling ; Wang, Zhan Jie ; Zhong, Zhicheng ; Li, Run-Wei

Source title: ACS Applied Materials and Interfaces

10. Accession number: 20204509465539

Title: Optimization of laser energy density and scanning strategy on the forming quality of 24CrNiMo low alloy steel manufactured by SLM

Authors: Tang, Xu ; Zhang, Song ; Zhang, Chunhua ; Chen, Jiang ; Zhang, Jingbo ; Liu, Yu

Source title: Materials Characterization

11. Accession number: 20201708505218

Title: Design and characterization of selective laser-melted Ti6Al4V - 5Cu alloy for dental implants

Authors: Zong, Weian ; Zhang, Song ; Zhang, Chunhua ; Ren, Ling ; Wang, Qiang

Source title: Materials and Corrosion

12. Accession number: 20203809184093

Title: First-principles investigation on the vacancy dependence on the optical and electronic properties of Bi₂S₃ semiconductor ceramics

Authors: Jiang, Guangsheng ; Zhang, Xudong ; Liu, Cong ; Ma, He ; Yu, Hui ; Wang, Feng

Source title: Vacuum

13. Accession number: 20203809201654

Title: Review of vanadium-based electrode materials for rechargeable aqueous zinc ion batteries

Authors: Liu, Ying ; Wu, Xiang

Source title: Journal of Energy Chemistry

14. Accession number: 20203809204738

Title: Rapid solidification of ternary Nb-Y-Ni immiscible alloys

Authors: Zheng, W. ; Yu, J. ; Xin, L. ; Su, M. ; Fu, D. ; Zhang, F.

Source title: Materialwissenschaft und Werkstofftechnik

15. Accession number: 20203809209088

Title: Realizing Superior Electrochemical Performance of Asymmetric Capacitors through Tailoring Electrode Architectures

Authors: Liu, Hengqi ; Dai, Meizhen ; Zhao, Depeng ; Wu, Xiang ; Wang, Bao

Source title: ACS Applied Energy Materials

16. Accession number: 20203809213694

Title: Effect of yttrium addition on dynamic mechanical properties, microstructure, and fracture behavior of extrusion-shear ZC61 + xY (x = 0, 1, 2, 3) alloys

Authors: Wang, Zhi ; Yao, Sheng ; Cao, Gengsheng ; Mao, Pingli ; Wang, Feng ; Zhou, Le ; Liu, Zheng

Source title: Materials Characterization

17. Accession number: 20203909218572

Title: Infrared detection research on wind turbine blade defects identification based on temperature threshold

Authors: Kang, Shuang ; Chen, Changzheng ; Zhou, Bo ; Du, Jinyao ; Zhang, Xueyan

- Source title:** Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 18. Accession number:** 20203909236591
Title: The influence of heat treatment temperature on microstructures and mechanical properties of titanium alloy fabricated by laser melting deposition (Open Access)
Authors: Wang, Wei ; Xu, Xiaowen ; Ma, Ruixin ; Xu, Guojian ; Liu, Weijun ; Xing, Fei
Source title: Materials
- 19. Accession number:** 20203909238984
Title: The microstructure and thermoelectric properties of the Mg₂(Sn,Si,Bi) films containing excess metal Mg phase
Authors: Song, Gui-hong ; Li, Gui-peng ; Li, Xiu-yu ; Du, Hao ; Hu, Fang ; Yin, Lisong
Source title: Thin Solid Films
- 20. Accession number:** 20204009256294
Title: Research status and prospect of laser additive manufacturing technology for high performance gradient functional materials
Authors: Cui, Xue ; Zhang, Song ; Zhang, Chun-Hua ; Wu, Chen-Liang ; Wang, Qiang ; Dong, Shi-Yun
Source title: Cailiao Gongcheng/Journal of Materials Engineering
- 21. Accession number:** 20204009293436
Title: Characterization of microstructure and nanoscale phase in Mg-15Gd-1Zn (wt.%) alloy fabricated by rotating magnetic field casting
Authors: Chang, Zhiyu ; Wu, Yujuan ; Heng, Xiangwen ; Su, Ning ; Zhang, Yu ; Yu, Baoyi ; Zheng, Li ; Shao, Xiaohong ; Peng, Liming
Source title: Materials Characterization
- 22. Accession number:** 20204209339148
Title: The influence of extrusion temperature on the structures and mechanical properties of Mg-Al-4Y alloys (Open Access)
Authors: Wang, Jinhui ; Yuan, Xiaoguang ; Jin, Peipeng ; Zhu, Yunpeng ; Li, Mingyue
Source title: Materials Research Express
- 23. Accession number:** 20204209340987
Title: Effect of La_{0.67}Sr_{0.33}MnO₃ Insertion Layer on the Ferroelectric and Resistive Switching Behaviors of PbZr_{0.52}Ti_{0.48}O₃/Nb:SrTiO₃ Heterostructures
Authors: Dong, Jing Yi ; Bai, Yu ; Zheng, Hang Yu ; Huang, He Yang ; Lin, Jun Liang ; Zhang, Fan ; Wang, Chao ; Wang, Zhan Jie
Source title: Nano
- 24. Accession number:** 20201108290036
Title: The low-cycle fatigue property, damage mechanism and life prediction of compacted graphite iron: Influence of strain rate
Authors: Zou, C.L. ; Pang, J.C. ; Chen, L.J. ; Li, S.X. ; Zhang, Z.F.
Source title: International Journal of Fatigue
- 25. Accession number:** 20204109327109
Title: Influence of Nd on Hot Tearing Susceptibility and Mechanism of Mg-Zn-Y-Zr Alloys
Authors: Li, Xingxing ; Liu, Shimeng ; Liu, Zheng ; Wang, Yue ; Wei, Ziqi ; Du, Xudong ; Wang, Zhi ; Wang, Feng
Source title: Journal of Materials Engineering and Performance

26. Accession number: 20204709510794

Title: Atomistic simulation of corrosion protection of Al₂Cu aluminum alloy by 8-hydroxyquinoline

Authors: You, Junhua ; Liu, Ziyu

Source title: Applied Surface Science

(三) 电气工程学院 (32 篇)

1. **Accession number:** 20204009264099
Title: Monitoring analysis of influence of extra-large complex deep foundation pit on adjacent environment: a case study of Zhengzhou City, China (Open Access)
Authors: Song, Danqing ; Chen, Zhuo ; Dong, Lihu ; Tang, Gaojie ; Zhang, Kelu ; Wang, Heng
Source title: Geomatics, Natural Hazards and Risk
2. **Accession number:** 20204009291643
Title: An Improved Subdomain Model for Magnetic Field Calculation of SPMSM Considering No-load Leakage Flux
Authors: Yu, Zhanyang ; Li, Yan ; Jing, Yongteng ; Du, Jianmin ; Wang, Jin
Source title: Journal of Electrical Engineering and Technology
3. **Accession number:** 20204209369787
Title: Coordination and Optimal Scheduling of Multi-energy Complementary System Considering Peak Regulation Initiative
Authors: Li, Tie ; Li, Zhengwen ; Yang, Junyou ; Cui, Dai ; Wang, Zhonghui ; Ma, Kun ; Hu, Wei
Source title: Dianwang Jishu/Power System Technology
4. **Accession number:** 20204209370024
Title: Multi-Energy Microgrid Optimization Operation Model Considering Waste Disposal and Multi-Source Coordinated Energy Storage
Authors: Teng, Yun ; Wu, Lei ; Leng, Ouyang ; Chen, Zhe ; Ge, Weichun
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
5. **Accession number:** 20204209370036
Title: Electronically Rotated Field-Free Line Generation for Open Bore Magnetic Particle Tomography Imaging
Authors: Zu, Wannan ; Ke, Li ; Du, Qiang ; Liu, Yangyang
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
6. **Accession number:** 20204309371124
Title: A Novel Current Calculation Method Based on Temperature Rise of Current-Carrying Conductor (Open Access)
Authors: Lv, Sen ; Zong, Ming
Source title: Mathematical Problems in Engineering
7. **Accession number:** 20204309384169
Title: Thermal calculation and experimental investigation of electric heating and solid thermal storage system (Open Access)
Authors: Zhao, Haichuan ; Yan, Ning ; Xing, Zuoxia ; Chen, Lei ; Jiang, Libing
Source title: Energies
8. **Accession number:** 20204409414888
Title: Effect of time-harmonic current on the harmonic leakage inductance of fractional slot concentrated winding permanent magnet synchronous motor
Authors: Ming, Li ; Yuejun, An ; Zhiheng, Zhang ; Wenyu, Deng ; Guangyu, Wang ; Lijun, Qi ; Xiangling, Kong ; Delong, Bi

- Source title:** IET Electric Power Applications
- 9. Accession number:** 20204409414903
Title: Modified complementary sliding mode control with disturbance compensation for permanent magnet linear synchronous motor servo system
Authors: Jin, Hongyan ; Zhao, Ximei ; Wang, Tianhe
Source title: IET Electric Power Applications
- 10. Accession number:** 20204409416440
Title: H^∞ Tracking Control of Discrete-Time System with Delays via Data-Based Adaptive Dynamic Programming
Authors: Liu, Yang ; Zhang, Huaguang ; Yu, Rui ; Xing, Zuoxia
Source title: IEEE Transactions on Systems, Man, and Cybernetics: Systems
- 11. Accession number:** 20204409416761
Title: Coordinated Optimization of Combined Heat and Power Systems Considering Multiple Thermal Inertia of Heating System
Authors: Sun, Peng ; Teng, Yun ; Leng, Ouyang ; Chen, Zhe ; Zhou, Guiping
Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 12. Accession number:** 20204409424323
Title: Synchronous Control of Module Series Connection Interruption in 110 kV DC Vacuum Circuit Breaker
Authors: Zou, Jiyan ; Liang, Deshi ; Huang, Chongyang ; Liu, Ruitong
Source title: Gaodiana Jishu/High Voltage Engineering
- 13. Accession number:** 20204409442633
Title: The Characteristics of Gas Insulated Metal-Enclosed Switchgear Electric Field Network Based on Complex Network Theory
Authors: Wu, Qi ; Liu, Xiaoming ; Yang, Tian ; Zhou, Lu
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 14. Accession number:** 20204409442643
Title: Magnetic pole structure of hybrid excitation linear maglev synchronous motor
Authors: Lan, Yi-Peng ; Li, Zeng-Le
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 15. Accession number:** 20204609477111
Title: An electrothermal current prediction method for overload protection of miniature circuit breakers
Authors: Lyu, Sen ; Zong, Ming
Source title: Turkish Journal of Electrical Engineering and Computer Sciences
- 16. Accession number:** 20204609491498
Title: Diagnosis method for open-circuit faults of six-phase permanent magnet synchronous motor drive system
Authors: Zhang, ZhiFeng ; Wu, Yue ; Qi, SiYu
Source title: IET Power Electronics
- 17. Accession number:** 20203309057988
Title: Cogging Torque Computation and Optimization in Dual-Stator Axial Flux Permanent Magnet Machines

- Authors:** Li, Qiaoshan; Zhang, Bingyi ; Liu, Aimin
Source title: IEEJ Transactions on Electrical and Electronic Engineering
- 18. Accession number:** 20203909218689
Title: Adaptive Jerk Control for Permanent Magnet Linear Synchronous Motor Servo System
Authors: Yuan, Hao ; Zhao, Ximei
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 19. Accession number:** 20203909218741
Title: Analysis on time domain characteristics of imbalanced mechanical loads of wind turbine rotor
Authors: Zhao, Lijun ; Zhang, Fan ; Li, Wei ; Xing, Zuoxia ; Lu, Huaxing
Source title: Taiyangneng Xuebao/Acta Energae Solaris Sinica
- 20. Accession number:** 20203909225060
Title: Time delay adaptive integral sliding mode control for permanent magnet linear synchronous motor
Authors: Zhao, Xi-Mei ; Ji, Xiang-Chao ; Wang, Hao-Lin
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 21. Accession number:** 20203909240632
Title: Adaptive Global Sliding Mode Contour Control of Direct Drive H-type Platform Based on Integrated Error
Authors: Zhang, Kang ; Wang, Limei
Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 22. Accession number:** 20203909240704
Title: Research on Insulation Characteristics of High Temperature Gas Wall Bushing for Solid Thermal Storage
Authors: Xing, Zuoxia; Zhao, Pengfei; Fan, Jinpeng ; Chen, Lei ; Jiang, Libing
Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 23. Accession number:** 20204009262897
Title: Intelligent second-order sliding mode control for permanent magnet linear synchronous motor servo systems with robust compensator
Authors: Zhao, Ximei ; Wang, Tianhe ; Jin, Hongyan
Source title: IET Electric Power Applications
- 24. Accession number:** 20204009288900
Title: Analytical model for magnetic field calculation of SPMSM with chamfered pole considering iron core saturation
Authors: Yu, Zhanyang ; Li, Yan ; Jing, Yongteng ; Du, Jianmin ; Wang, Zicheng
Source title: IET Electric Power Applications
- 25. Accession number:** 20204009288907
Title: Design and analysis of a novel overload current estimation method for traditional miniature circuit breaker
Authors: Lv, Sen ; Zong, Ming ; Yu, Siyang
Source title: IET Electric Power Applications

- 26. Accession number:** 20204009296369
Title: Fuzzy Sliding Mode Control of Magnetic Levitation System of Controllable Excitation Linear Synchronous Motor
Authors: Yipeng, Lan ; Jie, Li ; Fengge, Zhang ; Ming, Zong
Source title: IEEE Transactions on Industry Applications
- 27. Accession number:** 20204009302243
Title: A coordinated dispatching model considering generation and operation reserve in wind power-photovoltaic-pumped storage system (Open Access)
Authors: Cui, Dai ; Xu, Fei ; Ge, Weichun ; Huang, Pengxiang ; Zhou, Yunhai
Source title: Energies
- 28. Accession number:** 20204209348889
Title: No-Load Characteristic Analysis of Surface-Mounted Permanent Magnet Synchronous Motor with Non-Concentric Pole Based on Hybrid Magnetic Field Analysis Method
Authors: Cui, Dai ; Xu, Fei ; Ge, Weichun ; Huang, Pengxiang ; Zhou, Yunhai
Source title: Energies
- 29. Accession number:** 20204609497317
Title: Research on Mechanism of Resonant Circuit in Electromagnetic Thermal Energy Storage System
Authors: Li, Yan ; Guo, Hao ; Ao, Qian ; Jing, Yongteng
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 30. Accession number:** 20204609497368
Title: Optimization Control Voltage Harmonics of PMSM Variable Frequency Power Supply Based on Boost Transform
Authors: Tan, Jixin ; Jing, Yongteng ; Guo, Hao ; Yu, Zhanyang ; Li, Yan
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 31. Accession number:** 20204709505594
Title: Kernel principal component analysis network and linear discriminate analysis for expression recognition
Authors: Chen, Xiangmin ; Ke, Li ; Du, Qiang
Source title : Huazhong Keji Daxue Xuebao (Ziran Kexue Ban)/Journal of Huazhong University of Science and Technology (Natural Science Edition)
- 32. Accession number:** 20204709506311
Title: Reconstruction of current density distribution in low-voltage switching devices through TSVD and TGSVD regularization
Authors: hao, Hongchen ; Liu, Xiaoming ; Chen, Hai ; Li, Peiyuan ; Jiang, Wentao
Source title: IEEE Transactions on Plasma Science

(四) 信息科学与工程学院 (14 篇)

1. **Accession number:** 20204209361549
Title: A Highly Sensitive FET-Type Humidity Sensor with Inkjet-Printed Pt-In₂O₃ Nanoparticles at Room Temperature (Open Access)
Authors: Wu, Meile ; Wu, Zhanyu ; Jin, Xiaoshi ; Lee, Jong-Ho
Source title: Nanoscale Research Letters
2. **Accession number:** 20204309394558
Title: Strategy for improving target selection accuracy in indirect touch input (Open Access)
Authors: Xin, Yizhong ; Liu, Ruonan ; Li, Yan
Source title: IEICE Transactions on Information and Systems
3. **Accession number:** 20204309399027
Title: Influence of Screen Region on Pen Modality Input Performance
Authors: Xin, Yizhong ; Chu, Zhijie ; Li, Yan
Source title: Jisuanji Fuzhu Sheji Yu Tuxingxue Xuebao/Journal of Computer-Aided Design and Computer Graphics
4. **Accession number:** 20204609484838
Title: An ECT image reconstruction algorithm based on object-and-background adaptive regularization
Authors: Yan, Hua ; Wang, Yan ; Wang, Yifan ; Zhou, Yinggang
Source title: Measurement Science and Technology
5. **Accession number:** 20204209362647
Title: Hybrid Scatter Search Algorithm for Optimal and Energy-Efficient Steelmaking-Continuous Casting
Authors: Tan, Yuanyuan ; Zhou, MengChu ; Zhang, Yuan ; Guo, Xiwang ; Qi, Liang ; Wang, Yanhong
Source title: IEEE Transactions on Automation Science and Engineering
6. **Accession number:** 20204409436455
Title: Asymmetrical degradation behaviors in amorphous InGaZnO thin-film transistors under various gate and drain bias stresses
Authors: Lee, Daeun ; Jeong, Chan-Yong ; Song, Sang-Hun ; Xiao-Shi, Jin ; Kim, Jong In ; Lee, Jong-Ho ; Kwon, Hyuck-In ; Kwon, Hyuck-In
Source title : Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics
7. **Accession number:** 20203909218572
Title: Infrared detection research on wind turbine blade defects identification based on temperature threshold
Authors: Kang, Shuang; Chen, Changzheng); Zhou, Bo ; Du, Jinyao ; Zhang, Xueyan
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica

- 8. Accession number:** 20204209368383
Title: Preliminary research of chaotic characteristics and prediction of short-term wind speed time series
Authors: Tian, Zhongda
Source title: International Journal of Bifurcation and Chaos
- 9. Accession number:** 20204309382559
Title: Electrostatic separation motion analysis of machine-harvested cotton and residual film based on CFD
Authors: Zhang, Hongzhou ; Wang, Qiaohua ; Li, Yong ; Liu, Yuanjie ; Jia, Danping
Source title: Journal of Computational Methods in Sciences and Engineering
- 10. Accession number:** 20203809184093
Title: First-principles investigation on the vacancy dependence on the optical and electronic properties of Bi₂S₃ semiconductor ceramics
Authors: Jiang, Guangsheng ; Zhang, Xudong ; Liu, Cong ; Ma, He ; Yu, Hui ; Wang, Feng
Source title: Vacuum
- 11. Accession number:** 20203909224711
Title: Double iris identity template protection method combining partial scrambling and double random phase coding
Authors: Liu, Xiaonan ; Zhang, Wenyun ; Gao, Yanna
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 12. Accession number:** 20204009298427
Title: An effective method for differentiating inside and outside defects of oil and gas pipelines based on additional eddy current in low-frequency electromagnetic detection technique
Authors: Yang, Lijian ; Huang, Ping ; Bai, Shi ; Gao, Songwei ; Sasayama, Teruyoshi
Source title: Japanese Journal of Applied Physics
- 13. Accession number:** 20204109329637
Title: A Novel High Schottky Barrier Based Bilateral Gate and Assistant Gate Controlled Bidirectional Tunnel Field Effect Transistor (Open Access)
Authors: Liu, Xi ; Ma, Kailu ; Wang, Yicheng ; Wu, Meile ; Lee, Jong-Ho ; Jin, Xiaoshi
Source title: IEEE Journal of the Electron Devices Society
- 14. Accession number:** 20204209339091
Title: An experimental and theoretical study on nanomachining forces along zigzag and armchair lattice orientations of monolayer MoS₂ (Open Access)
Authors: Li, Meng ; Zhang, Yu ; Wang, Lu ; Xi, Ning ; Xin, Xiaoning ; Jin, Xiaoshi ; Wu, Meile
Source title: Materials Research Express

(五) 管理学院 (1 篇)

1. **Accession number:** 20204509450079
Title: Parallel machine production and transportation operations' scheduling with tight time windows (Open Access)
Authors: Jiang, Yang ; He, Tong ; Xiong, Jie ; Wu, Xin ; Chen, Yao
Source title: Complexity

(六) 理学院 (4 篇)

1. **Accession number:** 20204309389040
Title: A Mean-Variance Portfolio Selection Model with Interval-Valued Possibility Measures (Open Access)
Authors: Sui, Yunyun ; Hu, Jiangshan ; Ma, Fang
Source title: Mathematical Problems in Engineering
2. **Accession number:** 20203809184093
Title: First-principles investigation on the vacancy dependence on the optical and electronic properties of Bi₂S₃ semiconductor ceramics
Authors: Jiang, Guangsheng ; Zhang, Xudong ; Liu, Cong ; Ma, He ; Yu, Hui ; Wang, Feng
Source title: Vacuum
3. **Accession number:** 20203909223885
Title: Study on magnetic behaviors in a diluted ferrimagnetic Ising graphene nanoribbon
Authors: Sun, Lei ; Wang, Wei ; Li, Qi ; Wang, Feng ; Wu, Hao-Jia
Source title: Superlattices and Microstructures
4. **Accession number:** 20201508387351
Title: Cu powder decorated 3D Mn-MOF with excellent electrochemical properties for supercapacitors
Authors: Sun, Ping-Ping ; Zhang, Yu-Hang ; Yu, Xuehua ; Shi, Qi ; Tian, Bo ; Gao, Jun ; Shi, Fa-Nian
Source title: Inorganica Chimica Acta

(七) 建筑与土木工程学院 (5 篇)

- 1. Accession number:** 20204409422574
Title: Electric field tuned anisotropic to isotropic thermal transport transition in monolayer borophene without altering its atomic structure
Authors: Yang, Zhonghua ; Yuan, Kunpeng ; Meng, Jin ; Hu, Ming
Source title: Nanoscale
- 2. Accession number:** 20204609484445
Title: Experimental Investigations on Crack Propagation Characteristics of Granite Rectangle Plate with a Crack (GRPC) under Different Blast Loading Rates
Authors: Liu, Xin ; Yang, Jun ; Xu, Zhenyang ; Guo, Lianjun ; Tang, Hongliang
Source title: Shock and Vibration
- 3. Accession number:** 20204509462075
Title: Why thermal conductivity of CaO is lower than that of CaS: a study from the perspective of phonon splitting of optical mode
Authors: Yang, Zhonghua ; Yuan, Kunpeng ; Meng, Jin ; Zhang, Xiaoliang ; Tang, Dawei ; Hu, Ming
Source title: Nanotechnology
- 4. Accession number:** 20203609122576
Title: BaWO₂F₄: A mixed anion X-ray scintillator with excellent photoluminescence quantum efficiency
Authors: Ayer, Gyanendra B. ; Klepov, Vladislav V. ; Smith, Mark D. ; Hu, Ming ; Yang, Zhonghua ; Martin, Corey R. ; Morrison, Gregory ; Zur Loye, Hans-Conrad
Source title: Dalton Transactions
- 5. Accession number:** 20201508407385
Title: Deformation and stability of a discontinuity-controlled rock slope at Dagangshan hydropower station using three-dimensional discontinuous deformation analysis
Authors: Ma, Ke ; Liu, Guoyang ; Guo, Lianjun ; Zhuang, Duanyang ; Collins, D.S.
Source title: International Journal of Rock Mechanics and Mining Sciences

(八) 环境与化学工程学院 (1 篇)

- 1. Accession number:** 20204409436936
Title: MOF-derived yolk-shell Ni/C architectures assembled with Ni@C core-shell nanoparticles for lightweight microwave absorbents
Authors: Wang, Xiaolei ; Geng, Qiyao ; Shi, Guimei ; Zhang, Yajing ; Li, Da
Source title: CrystEngComm

(九) 石油化工学院 (2 篇)

1. **Accession number:** 20204209345941

Title: Keto-salicylaldehyde azine: A kind of novel building block for AIEgens and its application in tracking lipid droplets

Authors: Zhou, Fan ; Zhang, Kexin ; Li, Gaofei ; Gui, Chen ; Hu, Rong ; Li, Shiwu ; Wang, Zhiming ; Zhang, Yiyue ; Tang, Ben Zhong

Source title: Materials Chemistry Frontiers

2. **Accession number:** 20204709505229

Title: Preparation of ionic liquid grafted-PI/GO membranes and its application in CO₂/N₂ separation

Authors: Bei, Pengzhi ; Liu, Hongjing ; Zhang, Ying ; Gao, Yingjia ; Hu, Aijun ; Bin, Hua

Source title: Huagong Jinzhan/Chemical Industry and Engineering Progress

(十) 图书馆 (1 篇)

1. **Accession number:** 20204609481223

Title: Popularity prediction caching based on logistic regression in vehicular content centric networks

Authors: Yao, Kai ; Li, Zhaoyang ; Yao, Lin ; Lang, Kuijun

Source title: International Journal of Ad Hoc and Ubiquitous Computing

(十一) 后勤集团 (1 篇)

1. **Accession number:** 20203809206472

Title: Optimization Design and Dynamics Analysis of Vehicle Suspension System

Authors: Li, Xiao-Peng ; Li, Fan-Jie ; Yang, Ling-Xue ; Liu, Xiao-Long

Source title: Dongbei Daxue Xuebao/Journal of Northeastern University

(十二) 其他: 未注明学院 (5 篇)

1. **Accession number:** 20202408818900
Title: Effect of Long-Term Thermal Exposures on Tensile Behaviors of K416B Nickel-Based Superalloy
Authors: Chen, Mao-Kai ; Xie, Jun ; Shu, De-Long ; Hou, Gui-Chen ; Xun, Shu-Ling ; Yu, Jin-Jiang ; Liu, Li-Rong ; Sun, Xiao-Feng ; Zhou, Yi-Zhou
Source title: Acta Metallurgica Sinica (English Letters)
2. **Accession number:** 20204409417158
Title: Novel microporous cobalt phosphonate: Efficient heterogeneous catalyst towards oxygen evolution reaction
Authors: Xu, Wenbin ; Feng, Li ; Wang, Zhiyong ; Liu, Bingzhi ; Li, Xuhao ; Chen, Yuning
Source title: Journal of Electroanalytical Chemistry
3. **Accession number:** 20200208017473
Title: Effect of Silica Fume on Humidity Resistance of Sodium Silicate Binder for Core-making Process
Authors: Song, Lai ; Liu, Weihua ; Xin, Fanghai ; Li, Yingmin
Source title: International Journal of Metalcasting
4. **Accession number:** 20204209347797
Title: Development mechanism and solidification morphology of molten pool generated by laser cladding
Authors: Song, Boxue ; Yu, Tianbiao ; Jiang, Xingyu ; Xi, Wenchao ; Lin, Xiaoli
Source title: International Journal of Thermal Sciences
5. **Accession number:** 20204209355208
Title: Influence of Ru on creep behaviour and concentration distribution of Re-containing Ni-based single crystal superalloy at high temperature (Open Access)
Authors: Guoqi, Zhao ; Sugui, Tian ; Delong, Shu ; Ning, Tian ; Huajin, Yan ; Guangyan, Wang ; Lirong, Liu
Source title: Materials Research Express

二、2020年第四季度 Ei (CA) 收录各学院论文情况

(一) 电气工程学院 (8 篇)

1. **Accession number:** 20203709173147
Title: Research on Peak Load Shifting Based on Energy Storage and Air Conditioning Load in Power Grid (Open Access)
Authors: Xiao, Pan ; He, Wangyi ; Xin, Houyi ; Kun, Tian ; Jia, Cui ; Junyou, Yang
Source title: IOP Conference Series: Earth and Environmental Science
2. **Accession number:** 20203709173308
Title: Research on excitation system of synchronous generator (Open Access)
Authors: Jiang, Dawei ; Qian, Xinyu ; Yu, Longbin ; Wang, Guanyu ; Zhao, Zijian ; Cheng, Xiang ; Li, Jing
Source title: Journal of Physics: Conference Series
3. **Accession number:** 20203809189444
Title: Short-term load forecasting algorithm based on LSTM-DBN considering the flexibility of electric vehicle (Open Access)
Authors: Zhang, Na ; Tao, Hanzhen ; Liu, Yutong ; Cui, Jia ; Yang, Junyou ; Gang, Wang
Source title: IOP Conference Series: Earth and Environmental Science
4. **Accession number:** 20203809207923
Title: Classifying cross-frequency coupling pattern in epileptogenic tissues by convolutional neural network
Authors: Wang, Zeyu ; Li, Chunsheng
Source title: Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS
5. **Accession number:** 20203909242000
Title: A fault diagnosis based on LSSVM and Bayesian probability for wind turbines
Authors: Zhang, Yuxian ; Yan, Shuqing ; Qian, Xiaoyi ; Zhao, Mengru
Source title: Chinese Control Conference, CCC
6. **Accession number:** 20203909242255
Title: Robust Eigenstructure Assignment in A Class of Second-order Linear Systems
Authors: Liu, Yin-Dong ; Wang, Li-Mei
Source title: Chinese Control Conference, CCC
7. **Accession number:** 20203909248098
Title: Research on access point and capacity selection optimization of distributed photovoltaic access to distribution network for network loss
Authors: Wang, Qinghan ; Teng, Yun
Source title : Proceedings - 2019 International Conference on Sensing, Diagnostics, Prognostics, and Control, SDPC 2019
8. **Accession number:** 20204009258425
Title: Modeling of intracranial vessels and Simulation of cerebral blood flow (Open Access)

Authors: Yan, Yingying ; Ke, Li ; Du, Qiang ; Ding, Xiaodi ; Chen, Jia

Source title: E3S Web of Conferences

(二) 信息科学与工程学院 (4 篇)

1. **Accession number:** 20203909241542

Title: Research on Torque Ripple Reduction of Direct-drive Permanent Magnet Wind Power System

Authors: Zheng, Hao ; Zhang, Jiamei ; Wang, Xiangming ; Zhong, Qiqi

Source title: Chinese Control Conference, CCC

2. **Accession number:** 20204009254933

Title: An Evolutionary Game Tree Search Algorithm of Military Chess Game Based on Neural Value Network

Authors: Liu, Tingzhen ; Ai, Derun ; Ma, Yimin ; Yu, Xia ; Duan, Yong ; He, Yuan

Source title: Proceedings of the 32nd Chinese Control and Decision Conference, CCDC 2020

3. **Accession number:** 20204009255726

Title: Tracking Control for a Rehabilitative Training Walker Considering Human-Robot Interaction (Open Access)

Authors: Sun, Ping ; Sun, Yao

Source title: Journal of Physics: Conference Series

4. **Accession number:** 20204109308804

Title: Extraction and Analysis of Heat Storage Load Characteristics for Power Quality Improvement

Authors: Bo, Jue ; Chen, Shuo ; Qiao, Lin ; Liu, Sai ; Tian, Kun ; Wang, Haixin ; Li, Yunlu ; Yang, Junyou

Source title: ICSIDP 2019 - IEEE International Conference on Signal, Information and Data Processing 2019

(三) 管理学院 (1 篇)

1. **Accession number:** 20204009254683

Title: Multi-period Reliable Network Design of Fourth Party Logistics base on Krill Herd Algorithm

Authors: Li, Jia ; Li, Rui ; Liu, Yanqiu

Source title : Proceedings of the 32nd Chinese Control and Decision Conference, CCDC 2020

(四) 理学院 (2 篇)

1. **Accession number:** 20204009254972

Title: Passivity Analysis and Feedback Passification of Switched Nonlinear Systems

Authors: Dong, Xiaoxiao ; Sun, Tao ; Zhang, Jing

Source title : Proceedings of the 32nd Chinese Control and Decision Conference, CCDC 2020

2. **Accession number:** 20204109306139

Title: FeS/Reduced Graphene Oxide Composite as Anode Material with Enhanced Performance for Lithium-ion Battery (Open Access)

Authors: Jiang, Runtong ; Yu, Jin ; Shi, Fanian

Source title: Journal of Physics: Conference Series

(五) 其他: 未注明学院 (6 篇)

1. **Accession number:** 20203909229984
Title: Energy-efficient on-chip networks through profiled hybrid switching (Open Access)
Authors: He, Yuan ; Jiao, Jinyu ; Cao, Thang ; Kondo, Masaaki
Source title: Proceedings of the ACM Great Lakes Symposium on VLSI, GLSVLSI
2. **Accession number:** 20203909248027
Title: State assessment method of fire control system based on fusion of grey relational and D-S evidence theory
Authors: Yingshun, Li ; Zheng, Min ; Tong, Weiyan ; Yi, Xiaojian
Source title : Proceedings - 2019 International Conference on Sensing, Diagnostics, Prognostics, and Control, SDPC 2019
3. **Accession number:** 20203909248094
Title: Research on fault diagnosis of neural network based on bee colony algorithm optimization in gun control system
Authors: Li, Yingshun ; Liu, Yongjian ; Yi, Xiaojian
Source title : Proceedings - 2019 International Conference on Sensing, Diagnostics, Prognostics, and Control, SDPC 2019
4. **Accession number:** 20204009255138
Title: Classification of Microseismic Events and Blasts Using Deep Belief Network
Authors: Kang, Yumei ; Wang, Yanmei ; Cheng, Guanwen ; Song, Yuhang ; Yu, Jiayue ; Zhang, Naiyuan
Source title : Proceedings of the 32nd Chinese Control and Decision Conference, CCDC 2020
5. **Accession number:** 20204209345249
Title: A visualization recommendation approach based on machine learning (Open Access)
Authors: Wei, Shichao ; Li, Xin ; Song, Peiyin ; Zhou, Xiaofeng ; Zhang, Yichi ; Li, Shuai
Source title : WCSE 2020: 2020 10th International Workshop on Computer Science and Engineering
6. **Accession number:** 20204309381759
Title: Calculation of electromagnetic field for very fast transient process in GIS (Open Access)
Authors: Zhuangzhuang, Yang
Source title: IOP Conference Series: Earth and Environmental Science