

2021 年第二季度
Ei Compendex 收录
沈阳工业大学论文统计

沈阳工业大学图书馆学科服务组

2021 年 6 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2021 年 4 月 1 日至 2021 年 6 月 30 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author Afflication”字段；
- ④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

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

联系人：刘英煜 商璐

联系电话：25496607

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一、2021 年第二季度 Ei（JA）收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) Accession number:EI 论文收录编号

(2) Title:论文题目

(3) Authors:作者英文姓名

(4) Source title: 论文来源

(一) 机械工程学院 (22 篇)

1. **Accession number:** 20211210120082
Title: Rolling bearing fault diagnosis method with enhanced top-hat transform filtering and cyclic spectrum coherence (Open Access)
Authors: Luo, Yuanqing ; Chen, Changzheng ; Zhao, Siyu ; Yang, Guolin
Source title: IEEE Access
2. **Accession number:** 20211310132081
Title: Assessment of Equipment Operation State with Improved Random Forest (Open Access)
Authors: Yang, Na ; Liu, She ; Liu, Jie ; Li, Changjie
Source title: International Journal of Rotating Machinery
3. **Accession number:** 20211310151672
Title: Investigation on Material Removal Mechanisms in Photocatalysis-Assisted Chemical Mechanical Polishing of 4H - SiC Wafers
Authors: He, Yan ; Yuan, Zewei ; Song, Shuyuan ; Gao, Xingjun ; Deng, Wenjuan
Source title: International Journal of Precision Engineering and Manufacturing
4. **Accession number:** 20211510188401
Title: The interfacial load-transfer enhancement mechanism of amino-functionalised carbon nanotube reinforced epoxy matrix composites: A molecular dynamics study
Authors: Song, Zhaobo ; Li, Yunlong ; Yang, Bin
Source title: Composites Science and Technology
5. **Accession number:** 20211510199897
Title: Harmonic Suppression and Torque Ripple Reduction of a High-Speed Permanent Magnet Spindle Motor (Open Access)
Authors: Zhao, Haining ; Yu, Shenbo ; Sun, Feng
Source title: IEEE Access
6. **Accession number:** 20211510205598
Title: Power Loss Evaluation of Automated Manual Transmission with Gearshift Assistant Mechanism
Authors: Sun, Zhiqiang ; Gao, Bingzhao ; Jin, Jiaqi ; Sanada, Kazushi
Source title: International Journal of Automotive Technology
7. **Accession number:** 20211510211597
Title: Design and Test Analysis of PMT Detonation Defensive Equipment
Authors: Meng, Lingcun ; Yan, Ming ; Du, Zhipeng ; Zhang, Lei
Source title: Zhongguo Jixie Gongcheng/China Mechanical Engineering
8. **Accession number:** 20211710263526
Title: Analytical modeling and study on noise characteristics of rotor eccentric SPMSM with unequal magnetic poles structure (Open Access)
Authors: Xia, Pengpeng ; Yu, Shenbo ; Dou, Rutong ; Zhai, Fengchen
Source title: Turkish Journal of Electrical Engineering and Computer Sciences

- 9. Accession number:** 20211710267299
Title: Correction method for low frequency shock response spectrums based on the combined use of low frequency oscillator and Fourier transform
Authors: Yang, Ning ; Wang, Peng ; Zhang, Lei ; Yan, Ming
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
- 10. Accession number:** 20211710267408
Title: Sommerfeld effect in a vibration system driven by a three-phase asynchronous motor
Authors: Jiang, Jiao ; Kong, Xiangxi ; Luo, Yuanqing ; Xu, Qi ; Chen, Changzheng
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
- 11. Accession number:** 20211710267411
Title: Simulation analysis and experimental study on thermal storage process of solid heat storage device
Authors: Xu, Yaozu ; Shang, Xiangdong ; Xu, Jingjiu ; Chen, Lei ; Duan, Zhenyun ; Zhao, Wenzhen
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
- 12. Accession number:** 20211810273895
Title: Study on Infrared Image Enhancement of Wind Turbine Blades Based on Adaptive Differential Multiscale Morphology(ADMM)
Authors: Kang, Shuang ; Chen, Changzheng ; Zhao, Siyu ; Luo, Yuanqing ; Kong, Xiangxi
Source title: Zhongguo Jixie Gongcheng/China Mechanical Engineering
- 13. Accession number:** 20211810306833
Title: Combining magnet-induced nonlinearity and centrifugal softening effect to realize high-efficiency energy harvesting in ultralow-frequency rotation
Authors: Mei, Xutao ; Zhou, Ran ; Yang, Bo ; Zhou, Shengxi ; Nakano, Kimihiko
Source title: Journal of Sound and Vibration
- 14. Accession number:** 20211910321023
Title: Effects of carbon nanotubes functionalization on mechanical and tribological properties of nitrile rubber nanocomposites: Molecular dynamics simulations
Authors: Cui, Jianzheng ; Zhao, Jing ; Wang, Shijie ; Wang, Yan ; Li, Yunlong
Source title: Computational Materials Science
- 15. Accession number:** 20211910326001
Title: Shock Characteristics of the Opposed Disc Springs (ODS) Shock Isolator with Pretightening under Boundary Friction Condition (Open Access)
Authors: Hui, An-Min ; Yan, Ming ; Zhang, Lei ; Jin, Ying-Li ; Wang, Kaiping ; Liu, Haichao
Source title: Shock and Vibration
- 16. Accession number:** 20211910328758
Title: Prediction and Evaluation Model for the Residual Life of Wasted Machine Tool Spindle
Authors: Ma, Shuo ; Jiang, Xingyu ; Yang, Guozhe ; Liu, Weijun ; Qiao, Heting ; Wang, Zisheng
Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering

- 17. Accession number:** 20211910329169
Title: Finite Element Analysis of Mechanical and Dry Friction Behavior of Biomedical Titanium Alloy with Pore Structure Fabricated by Additive
Authors: Xu, Jingzhong ; Lv, Xiaoren ; Li, Shujun
Source title: Zhongguo Biaomian Gongcheng/China Surface Engineering
- 18. Accession number:** 20211910339518
Title: Study on evolution of tensile defects in wind turbine blades with primary defects based on cluster analysis
Authors: Zhang, Ya'nan ; Zhou, Bo ; Yu, Fang'ai ; Chen, Changzheng
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
- 19. Accession number:** 20212010355792
Title: Torsion properties of carbon fiber reinforced polymer composite-metal transmission shaft based on delamination damage analysis
Authors: Zhao, Wenhui ; Zhang, Weidong ; Duan, Zhenyun ; Yang, Fan ; Xu, Jie
Source title: Fuhe Cailiao Xuebao/Acta Materialiae Compositae Sinica
- 20. Accession number:** 20212110382404
Title: Analysis of Meshing Stiffness and Vibration Response of Tooth with Root Crack in Different Depth
Authors: Liu, Jie ; Sun, Yufeng ; Li, Huanyu
Source title: Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis
- 21. Accession number:** 20212310449142
Title: Analysis of structure and shock isolation characteristics of 8-bar isolator
Authors: Zhang, Lei ; Gao, Peng ; Yan, Ming ; Du, Zhipeng
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
- 22. Accession number:** 20212310458498
Title: Precision prediction and error propagation model of remanufacturing machine tool assembly process
Authors: Wang, Zisheng ; Jiang, Xingyu ; Liu, Weijun ; Shi, Minxuan ; Yang, Shiqi ; Yang, Guozhe

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

(二) 材料科学与工程学院 (38 篇)

1. **Accession number:** 20210609890069
Title: Effect of Phase Proportion on Wear Behavior of Al - Cr - Fe - Ni Dual-Phase High Entropy Alloys
Authors: Li, Rongde ; Yu, Weiwei ; Zhang, Yufeng ; Li, Chengze ; Qu, Yingdong ; Nie, Sainan ; Tian, Chang ; Tan, Bing ; Yu, Bo
Source title: Metallography, Microstructure, and Analysis
2. **Accession number:** 20210909981137
Title: Facile fabrication of ordered assembled TiO₂/g-C₃N₄ nanosheets with enhanced photocatalytic activity
Authors: Song, Minggao ; Li, Mingchun ; Guo, Yintong ; Huang, Xiyao ; Wang, Sijin ; Ren, Long ; Li, Laishi ; Wu, Yusheng
Source title: Ceramics International
3. **Accession number:** 20210909988308
Title: Investigation on the Stability, Elastic Properties, and Electronic Structure of Mg₂Si Doped with Different Concentrations of Cu: A First-Principles Calculation
Authors: Ma, Tianyu ; Liu, Tongyu ; Ren, Yuyan ; Li, Yingmin
Source title: Physica Status Solidi (B) Basic Research
4. **Accession number:** 20210910008587
Title: Synthesis and characterization of pseudoboehmite by neutralization method
Authors: Ji, Yibing ; Wu, Yusheng ; Li, Laishi
Source title: Ceramics International
5. **Accession number:** 20211110086810
Title: Exfoliation of montmorillonite using a simple and low-cost heating/gasifying method
Authors: Liu, Renjie ; Li, Sanxi ; Otitoju, Tunmise Ayode ; Wang, Song ; Zhang, Ailing ; Zhang, Linnan
Source title: Applied Nanoscience (Switzerland)
6. **Accession number:** 20211110086815
Title: MnCo₂O₄Nanosheet/NiCo₂S₄Nanowire Heterostructures as Cathode Materials for Capacitors
Authors: Hu, Pengfei ; Liu, Ying ; Liu, Hengqi ; Wu, Xiang ; Liu, Baodan
Source title: ACS Applied Nano Materials
7. **Accession number:** 20211210106774
Title: Enhanced energy-storage performances of (1-x)PbZrO₃-xPbSnO₃ antiferroelectric thin films under low electric fields
Authors: Shangguan, Duandan ; Duan, YINUO ; Wang, Binglei ; Wang, Chao ; Li, Jiabin ; Bai, Yu ; Zhang, Fan ; Li, Yizhuo ; Wu, Yusheng ; Wang, Zhan Jie
Source title: Journal of Alloys and Compounds
8. **Accession number:** 20211210121575
Title: Fabrication of fine-grained, high strength and toughness Mg alloy by extrusion - shearing process (Open Access)
Authors: WANG, Bo-ning ; WANG, Feng ; WANG, Zhi ; LIU, Zheng ; MAO, Ping-li
Source title: Transactions of Nonferrous Metals Society of China (English Edition)

- 9. Accession number:** 20211210122402
Title: Comparative study on the cavitation erosion behavior of two different rolling surfaces on 304 stainless steel
Authors: Li, Z.X. ; Zhang, L.M. ; Ma, A.L. ; Hu, J.X. ; Zhang, S. ; Daniel, E.F. ; Zheng, Y.G.
Source title: Tribology International
- 10. Accession number:** 20211210125498
Title: Compressive deformation behavior of ultrafine-grained Mg-3Zn-1.2Ca-0.6Zr alloy at room temperature
Authors: Wang, Boning ; Wang, Feng ; Wang, Zhi ; Zhou, Le ; Liu, Zheng ; Mao, Pingli
Source title: Journal of Alloys and Compounds
- 11. Accession number:** 20211210126348
Title: Additive manufacturing of novel ferritic stainless steel by selective laser melting: Role of laser scanning speed on the formability, microstructure and properties
Authors: Jiang, P.F. ; Zhang, C.H. ; Zhang, S. ; Zhang, J.B. ; Chen, J. ; Chen, H.T.
Source title: Optics and Laser Technology
- 12. Accession number:** 20211310131392
Title: Numerical Modeling of Multiphysics Field in Conventional and Stationary Shoulder Friction Stir Welding of Al-Cu Alloy
Authors: You, Jiaqing ; Zhao, Yunqiang ; Dong, Chunlin ; Yi, Yaoyong ; Su, Yunhai
Source title: Journal of Materials Engineering and Performance
- 13. Accession number:** 20211310136483
Title: A flexible hybrid capacitor based an NiCo₂S₄nanowire electrode with an ultrahigh capacitance
Authors: Xia, Tong ; Liu, Ying ; Dai, Meizhen ; Xia, Qing ; Wu, Xiang
Source title: Dalton Transactions
- 14. Accession number:** 20211310142378
Title: Research progress of arc additive manufacture technology (Open Access)
Authors: Liu, Dan ; Lee, Boyoung ; Babkin, Aleksandr ; Chang, Yunlong
Source title: Materials
- 15. Accession number:** 20211310151637
Title: Effect of Deep Cryogenic Treatment on Wear and Corrosion Resistance of an Al - Zn - Mg - Cu Alloy
Authors: Siyi Ma ; Su, Ruiming ; Wang, Kaining ; Yang, Yuping ; Qu, Yingdong ; Li, Rongde
Source title: Russian Journal of Non-Ferrous Metals
- 16. Accession number:** 20211410159635
Title: Insight into the structural stability and overall performances of V₂REAl₂₀ ternary phases
Authors: Wang, Hongzhi ; Li, Zhijie ; Zhang, Xudong ; Chen, Lijia
Source title: Vacuum

- 17. Accession number:** 20211410174979
Title: A facile synthetic protocol of α -Fe₂O₃@FeS₂nanocrystals for advanced electrochemical capacitors
Authors: Xia, Qing ; Xia, Tong ; Dai, Meizhen ; Wu, Xiang ; Zhao, Yufeng
Source title: CrystEngComm
- 18. Accession number:** 20211410176637
Title: Nanohybridization of Ni-Co-S Nanosheets with ZnCo₂O₄Nanowires as Supercapacitor Electrodes with Long Cycling Stabilities
Authors: Dai, Meizhen ; Zhao, Depeng ; Liu, Hengqi ; Zhu, Xiaofei ; Wu, Xiang ; Wang, Bao
Source title: ACS Applied Energy Materials
- 19. Accession number:** 20211510187210
Title: Recent progress in electrochemical performance of binder-free anodes for potassium-ion batteries
Authors: Yuan, Fei ; Zhang, Wenxin ; Zhang, Di ; Wang, Qiujun ; Li, Zhaojin ; Li, Wen ; Sun, Huilan ; Wu, Yusheng ; Wang, Bo
Source title: Nanoscale
- 20. Accession number:** 20211510188038
Title: Effect of LaNiO₃ interlayer on electrical properties of Pb(Zr_{0.52}Ti_{0.48})O₃/LaNiO₃/Pb(Zr_{0.52}Ti_{0.48})O₃ composite films
Authors: Zhang, Fan ; Lv, Yang ; Shao, Yan ; Bai, Yu ; Li, Yi Zhuo ; Wang, Chao ; Wang, Zhan Jie
Source title: Vacuum
- 21. Accession number:** 20211710243100
Title: Microstructure, Mechanical Properties and Wear Resistance Performance of TiCp/7075 Matrix Composite by Vacuum Stirring
Authors: Liu, Jingfu ; Qi, Li ; Li, Guanglong ; Qu, Yingdong
Source title: Cailiao Daobao/Materials Reports
- 22. Accession number:** 20211710257785
Title: Study on toughening mechanism of Ti on weld metal of high strength steel (Open Access)
Authors: Han, Xu ; Liu, Zhengjun ; Wu, Dan ; Liang, Xuewei
Source title: Materials Research Express
- 23. Accession number:** 20211710257848
Title: A novel dual phase high entropy casting alloy with high damping capacity (Open Access)
Authors: Xu, Cheng ; Geng, Ningning ; Xiang, Qingchun ; Qu, Yingdong ; Yu, Bo ; Qiu, Keqiang
Source title: Materials Research Express

- 24. Accession number:** 20211710257854
Title: High temperature oxidation behavior and mechanism of FeXCr0.5Ti ferritic stainless steels (Open Access)
Authors: Jiang, Xueyu ; Che, Xin ; Zhang, Zhipeng ; Yin, Shuying ; Wang, Hailong ; Chen, Lijia
Source title: Materials Research Express
- 25. Accession number:** 20211810278185
Title: Microstructural, electrochemical and wear-corrosion characterization of TC4-5Cu alloy fabricated by selective laser melting
Authors: Chen, J.W. ; Zhang, C.H. ; Zhou, F.Q. ; Zhang, S. ; Chen, H.T. ; Wang, Q.
Source title: Journal of Alloys and Compounds
- 26. Accession number:** 20211810278406
Title: Zinc Oxide/Manganese Oxide hybrid nanostructure for electrode and asymmetric supercapacitor with long-term cyclic life
Authors: Yang, Ming ; Li, Kaifeng ; Xiao, Li
Source title : Materials Science and Engineering B: Solid-State Materials for Advanced Technology
- 27. Accession number:** 20211810279793
Title: Investigating the evolution of freckles into sliver defects in Ni-based single-crystal superalloy castings
Authors: Han, Dongyu ; Jiang, Weiguo ; Xiao, Jiuhan ; Li, Kaiwen ; Lu, Yuzhang ; Lou, Langhong
Source title: Materials Today Communications
- 28. Accession number:** 20211910344534
Title: Hydrogen and sodium ions co-intercalated vanadium dioxide electrode materials with enhanced zinc ion storage capacity
Authors: Liu, Ying ; Wu, Xiang
Source title: Nano Energy
- 29. Accession number:** 20210109715949
Title: Carbodiimide-Assisted Synthesis of High Purity Bis(cyclic carbonate) Under Atmospheric Conditions for Preparation of Non-Isocyanate Polyurethane
Authors: Eltayeb, Mohanad ; Li, SanXi ; Okoye, Patrick U. ; Wang, Song
Source title: Journal of Polymers and the Environment
- 30. Accession number:** 20210609900308
Title: Adjusting the Si Phase and Forming Nanoprecipitation to Improve the Mechanical Properties of Al - Si - Cu - Mg Alloy by Heat Treatment
Authors: Hao, Jianfei ; Yu, Baoyi ; Bian, Jiancong ; Liu, Jinmin ; Sun, Wanting ; Shi, Yuanji ; Li, Runxia
Source title: Journal of Polymers and the Environment

- 31. Accession number:** 20212010366280
Title: The effect of TiC addition on the microstructure and mechanical properties of Al_{0.6}CrFe₂Ni₂ high entropy alloys
Authors: Zhang, Yufeng ; Qi, Hao ; Qu, Yingdong ; Li, Chengze ; Lv, Qingyao ; Li, Zhe ; Li, Rongde ; Tan, Bing ; Tian, Chang ; Nie, Sainan
Source title: SN Applied Sciences
- 32. Accession number:** 20212010366826
Title: Effect of Scandium on Mechanical Properties of Al-6.5Zn-2.3Mg-2.0Cu-0.2Ce-0.1Zr Alloy
Authors: Zuo, Peng ; Li, Feng ; Wang, Ying ; Zhang, Haoyu ; Zhang, Siqian ; Chen, Lijia
Source title: Zhongguo Xitu Xuebao/Journal of the Chinese Rare Earth Society
- 33. Accession number:** 20212210427221
Title: Influence of aging temperature on metallurgy, impact toughness and pitting behavior of flux-cored arc welded 2205 duplex stainless steel joint
Authors: Zhang, Yingying ; Liu, Zhengjun ; Li, Dongming
Source title: Materials Transactions
- 34. Accession number:** 20212210429819
Title: Characterization and fungicidal activities of four solid crystallizations of epoxiconazole
Authors: Wei, Zhenyun ; Cong, Yunbo ; Ma, Xiaohua ; Li, Ziliang ; Liu, Xuan ; Cheng, Chunsheng ; Li, Sanxi
Source title: Environmental Technology and Innovation
- 35. Accession number:** 20212210445766
Title: Improved energy storage performance of PbZrO₃antiferroelectric thin films crystallized by microwave radiation
Authors: Fang, Yin ; Bai, Yu ; Li, Yi Zhuo ; Liu, Ning ; Zhang, Fan ; Wang, Chao ; Wang, Zhan Jie
Source title: RSC Advances
- 36. Accession number:** 20212210446064
Title: Influence of Pt-Al Coating on Hot Corrosion Resistance Behaviors of a Ni-Based Single-Crystal Superalloy
Authors: Wang, Di ; Wang, Dong ; Xie, Guang ; Wang, Li ; Dong, Jiasheng ; Chen, Lijia
Source title: Jinshu Xuebao/Acta Metallurgica Sinica
- 37. Accession number:** 20212310458425
Title: Dynamic Recrystallization Behavior of GH4742 Superalloy Used in Turbine Disk
Authors: Zhou, Ge ; Li, Jianlin ; Men, Yue ; Zhang, Haoyu ; Che, Xin ; Zhu, Xiaofei ; Chen, Lijia
Source title: Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering
- 38. Accession number:** 20212310458477
Title: Effect of Strain Waveform on Low-Cycle Fatigue Properties of Inconel 625 Alloy
Authors: Liu, Xueying ; Chen, Lijia ; Zhou, Ge ; Wang, Baosen
Source title: Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering

(三) 电气工程学院 (35 篇)

1. **Accession number:** 20211210118492
Title: Influence of introducing the rotor MMF harmonic on torque performance of spoke type permanent magnet motor with FSCW (Open Access)
Authors: Zhang, Jiayu ; Zhang, Bingyi ; Feng, Guihong
Source title: IEEE Access
2. **Accession number:** 20211210119689
Title: Design and analysis of a low-speed and high-torque dual-stator permanent magnet motor with inner enhanced torque (Open Access)
Authors: Zhang, Jiayu ; Zhang, Bingyi ; Feng, Guihong ; Gan, Baoping
Source title: IEEE Access
3. **Accession number:** 20211210120759
Title: Analysis of unwinding stator module combined permanent magnet synchronous machine (Open Access)
Authors: Xu, Yingying ; Zhang, Bingyi ; Feng, Guihong
Source title: IEEE Access
4. **Accession number:** 20211210123581
Title: Sliding mode control of one-sided lipschitz nonlinear markovian jump systems with partially unknown transition rates (Open Access)
Authors: Li, Yuan ; Sun, Qingdong ; Ren, Junchao ; Liu, Yang
Source title: IEEE Access
5. **Accession number:** 20211210125121
Title: Research on operation of low-speed and high-torque module combined stator permanent magnetic fault-tolerant motor with unequal span winding (Open Access)
Authors: Gan, Baoping ; Zhang, Bingyi ; Li, Qiaoshan ; Guihong, Feng ; Li, Guangkuo
Source title: IEEE Access
6. **Accession number:** 20211310138908
Title: Analysis of effect of winding distribution on performance in dual-stator brushless doubly-fed generator
Authors: Liu, Hao ; Yu, Si-Yang ; Zhang, Feng-Ge
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
7. **Accession number:** 20211310142270
Title: Research on digital long-life time LED driver
Authors: Pang, Zheyuan ; Cai, Zhiyuan
Source title: Optik
8. **Accession number:** 20211310147931
Title: Autonomous Cooperative Onset Control Strategy of Thermoacoustic Electric Generation System
Authors: Zhang, Jian ; Xia, Jiakuan ; He, Xin ; Li, Wenrui
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
9. **Accession number:** 20211310148003
Title: Intelligent Second-Order Sliding Mode Control Based on Recurrent Radial Basis Function Neural Network for Permanent Magnet Linear Synchronous Motor

- Authors:** Wang, Tianhe ; Zhao, Ximei ; Jin, Hongyan
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 10. Accession number:** 20211510209569
Title: Optimal online resonance suppression in a drive system based on a multifrequency fast search algorithm (Open Access)
Authors: Xia, Jiakuan ; Guo, Zhiyan ; Li, Zexing
Source title: IEEE Access
- 11. Accession number:** 20211510211349
Title: Energy efficiency optimization method for electric aircraft propulsion system
Authors: Wang, Shuli ; Sun, Jinbo ; Kang, Guiwen ; Ma, Shaohua
Source title: Hangkong Xuebao/Acta Aeronautica et Astronautica Sinica
- 12. Accession number:** 20211510211377
Title: Adaptive fuzzy sliding mode control for magnetic suspension system of linear synchronous motor
Authors: Lan, Yi-Peng ; Li, Jie
Source title: Kongzhi yu Juece/Control and Decision
- 13. Accession number:** 20211610218968
Title: Dynamic equivalent modeling for power converter based on LSTM neural network in wide operating range (Open Access)
Authors: Li, Yunlu ; Ma, Guiqing ; Yang, Junyou ; Wang, Haixin ; Feng, Jiawei ; Ma, Yihua
Source title: Energy Reports
- 14. Accession number:** 20211610220737
Title: The nonlinearity property accommodation in the Monte Carlo method of generation system reliability prediction by the neural network model (Open Access)
Authors: Okoye, Martin Onyeka ; Yang, Junyou ; Li, Yunlu
Source title: Energy Reports
- 15. Accession number:** 20211610220754
Title: Strategy analysis about the active curtailed wind accommodation of heat storage electric boiler heating (Open Access)
Authors: Lei, Zhenjiang ; Wang, Gang ; Li, Tong ; Cheng, Shanshan ; Yang, Junyou ; Cui, Jia
Source title: Energy Reports
- 16. Accession number:** 20211610233305
Title: Influence of Salient Effect on Air-Gap Flux Density Distribution of Interior Permanent-Magnet Synchronous Machines (Open Access)
Authors: Xia, Jiakuan ; Li, Zexing ; Zhang, Zixuan ; Guo, Zhiyan
Source title: IEEE Access
- 17. Accession number:** 20211710261438
Title: The Model of Pole Slot Radial Force Wave Compensation for Surface-Mounted Three-Phase Permanent Magnet Synchronous Motor and Parameter Identification
Authors: Xia, Jiakuan ; Kang, Le ; Zhan, Yusheng ; Sun, Yibiao ; Guo, Mingyu
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 18. Accession number:** 20211710267300
Title: Analysis of influence of external environment on performance of wind turbine

- Authors:** Xing, Zuoxia ; Xiang, Shang ; Xu, Jian ; Chen, Lei ; Dai, Junwen
Source title: Taiyangneng Xuebao/Acta Energriae Solaris Sinica
- 19. Accession number:** 20211810273899
Title: Optimization Operation Model of "Zero-waste" Electricity-hydrogen Charging Service Area Multi-energy Microgrid
Authors: Teng, Yun ; Yan, Jiajia ; Hui, Qian ; Chen, Zhe
Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 20. Accession number:** 20211810273952
Title: Three-dimensional Analytical Model of Eddy Current Loss of Permanent Magnet in High Frequency Axial Flux Permanent Magnet Machine
Authors: Tong, Wenming ; Li, Jiansheng ; Cao, Boyu ; Wu, Shengnan
Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 21. Accession number:** 20211810291629
Title: Active Synchronous Control Strategy of Distributed Power Grid Connection Based on Mobile Network (Open Access)
Authors: Zhang, Liu ; Ma, Shaohua ; Ge, Yangyang ; Gu, Cailian ; Wang, Hao
Source title: Mobile Information Systems
- 22. Accession number:** 20211910339540
Title: Research on robust control of micro-grid voltage stability under time-varying uncertainties of temperature controlled load
Authors: Zhang, Tieyan ; Cheng, Shanshan ; Hui, Qian ; Guan, Ming ; He, Huan ; Sun, Peng
Source title: Taiyangneng Xuebao/Acta Energriae Solaris Sinica
- 23. Accession number:** 20212010348134
Title: Design of Dynamic Peak Regulation Ancillary Service Market Bidding Mechanism Considering Quotation Supervision
Authors: Luo, Huanhuan ; Wang, Hao ; Ge, Weichun ; Liu, Chuang ; Wang, Yibo
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 24. Accession number:** 20210209753769
Title: Robust tracking control for permanent magnet linear servo system using intelligent fractional-order backstepping control
Authors: Wang, Tian-He ; Zhao, Xi-Mei ; Jin, Hong-Yan
Source title: Electrical Engineering
- 25. Accession number:** 20210809948959
Title: Anomalous Loss and Hysteresis Loop in Electrical Steel Sheet
Authors: He, Zhiwei ; Zhu, Lihua ; Wang, Zhen ; Koh, Chang-Seop
Source title: IEEE Transactions on Magnetics
- 26. Accession number:** 20212010355772
Title: Iterative learning contouring control for dual axis direct drive platform servo system with dual boundary layer sliding mode observer
Authors: Yuan, Hao ; Zhao, Xi-Mei ; Du, Chang
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 27. Accession number:** 20212010356595

- Title:** Research on Output Waveform of Generator with Rectifier Load considering Commutation Overlap Angle (Open Access)
Authors: Zhang, Bingyi ; He, Gongfei ; Feng, Guihong
Source title: Mathematical Problems in Engineering
- 28. Accession number:** 20212010356872
Title: Development and Fault Prediction of a New Operating Mechanism of HTPPM (Open Access)
Authors: Yan, Hongkui ; Lin, Xin ; Xu, Jianyuan
Source title: Mathematical Problems in Engineering
- 29. Accession number:** 20212010358286
Title: A novel high-precision motion control for permanent magnet linear synchronous motor servo system
Authors: Yuan, Hao ; Zhao, Ximei ; Fu, Dongxue
Source title: International Journal of Applied Electromagnetics and Mechanics
- 30. Accession number:** 20212110383864
Title: Research on Eccentric Inductance of Permanent Magnet Machine Based on Asymmetrical Winding Function Approach
Authors: Liu, Kai ; Zhang, Bingyi ; Feng, Guihong
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 31. Accession number:** 20212110404838
Title: Hyperspectral Image Reconstruction Based on Improved Residual Dense Network
Authors: Li, Yong ; Jin, Qiuyu ; Zhao, Huaici ; Li, Bo
Source title: Guangxue Xuebao/Acta Optica Sinica
- 32. Accession number:** 20212210420623
Title: Study on bioimpedance technique for the evaluation of cerebral blood flow autoregulation function
Authors: Chen, Jia ; Ke, Li ; Du, Qiang ; Yan, Yingying
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 33. Accession number:** 20212210440104
Title: High-precision motion control method for permanent magnet linear synchronous motor
Authors: Fu, Dongxue ; Zhao, Ximei ; Yuan, Hao
Source title: IEICE Electronics Express
- 34. Accession number:** 20212210443656
Title: Using thermal energy storage to relieve wind generation curtailment in an island microgrid
Authors: Luo, Huanhuan ; Ge, Weichun ; Sun, Jingzhuo ; Jiang, Quanyuan ; Gong, Yuzhong
Source title: Energies
- 35. Accession number:** 20212210446648
Title: Voltage-gain design and efficiency optimization of series/series-parallel inductive power transfer system considering misalignment issue
Authors: Yang, Libin ; Zong, Ming ; Li, Chunlai
Source title: Energies

(四) 信息科学与工程学院 (10 篇)

1. **Accession number:** 20211310130429
Title: Industrial process fault detection based on locally linear embedded latent mapping
Authors: Li, Yuan ; Feng, Chengcheng
Source title: Science China Information Sciences
2. **Accession number:** 20211610218965
Title: Quantitative study on the triaxial characteristics of weak magnetic stress internal detection signals of pipelines based on the theory of magnetoelectric coupling
Authors: Liu, Bin ; Zhang, He ; He, Luyao ; Ren, Jian ; Yang, Lijian
Source title: Measurement: Journal of the International Measurement Confederation
3. **Accession number:** 20211610221241
Title: An approach to extract state information from multivariate time series
Authors: Gui, Jun ; Zheng, Zeyu ; Qin, Zhaobo ; Jia, Danping ; Gao, Yuan ; Liu, Zhi ; Yao, Qingfeng
Source title: Journal of Computers (Taiwan)
4. **Accession number:** 20211710259358
Title: SVM Based on Gaussian and Non-Gaussian Double Subspace for Fault Detection (Open Access)
Authors: Guo, Jinyu ; Li, Tao ; Li, Yuan
Source title: IEEE Access
5. **Accession number:** 20211810280312
Title: Investigation on the columnar-to-equiaxed transition during laser cladding of IN718 alloy
Authors: Lv, Hao ; Li, Xudong ; Li, Zhijie ; Wang, Wenxiao ; Yang, Kun ; Li, Fei ; Xie, Hualong
Source title: Journal of Manufacturing Processes
6. **Accession number:** 20212010346971
Title: Effect of vanadium content on the microstructure and mechanical properties of IN718 alloy by laser cladding (Open Access)
Authors: Lv, Hao ; Li, Zhijie ; Li, Xudong ; Yang, Kun ; Li, Fei ; Xie, Hualong
Source title: Materials
7. **Accession number:** 20212010359554
Title: Quantitative study on mfl signal of pipeline composite defect based on improved magnetic charge model (Open Access)
Authors: Liu, Bin ; Luo, Ning ; Feng, Gang
Source title: Sensors
8. **Accession number:** 20212110383766
Title: A Long Crack Splicing Algorithm Based on Spatial Topology and Morphological Similarity Relationship
Authors: Xue, Dan ; Yuan, Wei-Qi
Source title: Tien Tzu Hsueh Pao/Acta Electronica Sinica
9. **Accession number:** 20212210420485
Title: A unidirectional T(0, 1) mode electromagnetic acoustic transducer in pipeline

Authors: Yang, Lijian ; Zhang, Jia ; Xing, Yanhao ; Gao, Songwei ; Zhao, Lu

Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument

10. Accession number: 20212410492368

Title: A Study on the Effect of the Structural Parameters and Internal Mechanism of a Bilateral Gate-Controlled S/D Symmetric and Interchangeable Bidirectional Tunnel Field Effect Transistor

Authors: Jin, Xiaoshi ; Wang, Yicheng ; Ma, Kailu ; Wu, Meile ; Liu, Xi ; Lee, Jong-Ho

Source title: Nanoscale Research Letters

(五) 管理学院 (3 篇)

1. Accession number: 20211210115797

Title: Constructing a sustainable collaborative innovation network for global manufacturing firms: A product modularity view and a case study from China (Open Access)

Authors: Wang, Haijun ; Shu, Chaohui

Source title: IEEE Access

2. Accession number: 20211210119341

Title: Stochastic differential game model analysis of emission-reduction technology under cost-sharing contracts in the carbon trading market (Open Access)

Authors: Hou, Qiang ; Guan, Yue ; Yu, Shan

Source title: IEEE Access

3. Accession number: 20211810299573

Title: Developing a joint supply chain plan for the coal industry considering conflict resolution strategies (Open Access)

Authors: Jiang, Y. ; Xu, Q. ; Chen, Y.

Source title: Scientia Iranica

(六) 理学院 (9 篇)

1. **Accession number:** 20210709913956
Title: One-step arc synthesis and enhanced microwave absorption performances of Al-doped SiC nanoparticles
Authors: Ji, Long ; Wang, Xiao-Lei ; Shi, Gui-Mei ; Shi, Fa-Nian ; Li, Qian ; Bao, Xiu-Kun
Source title: Journal of Materials Science: Materials in Electronics
2. **Accession number:** 20211210123581
Title: Sliding mode control of one-sided lipschitz nonlinear markovian jump systems with partially unknown transition rates (Open Access)
Authors: Li, Yuan ; Sun, Qingdong ; Ren, Junchao ; Liu, Yang
Source title: IEEE Access
3. **Accession number:** 20211310136855
Title: The Measurement Method of Investor Sentiment and Its Relationship with Stock Market (Open Access)
Authors: Hu, Jiangshan ; Sui, Yunyun ; Ma, Fang
Source title: Computational Intelligence and Neuroscience
4. **Accession number:** 20211510188319
Title: Study on the dynamic magnetic behaviors in a ferrimagnetic mixed spin Ising ladder-type graphene nanoribbon
Authors: Gao, Zhong-yue ; Lv, Dan ; Wang, Wei ; Yu, Jie
Source title: Polymer
5. **Accession number:** 20211610229365
Title: K-Submodlar Function Based Incentive Mechanisms for Crowd Multi-Labeling (Open Access)
Authors: Sun, Jiajun ; Sun, Shuning ; Sun, Qingying ; Zhang, Wei
Source title: IEEE Access
6. **Accession number:** 20211710244187
Title: Investigation on stability and controller design for singular bio-economic systems with stochastic fluctuations (Open Access)
Authors: Song, Yue ; Zhang, Yi ; Yang, Song ; Li, Na
Source title: Mathematical Biosciences and Engineering
7. **Accession number:** 20211910317700
Title: Stabilization and set stabilization of switched Boolean control networks via flipping mechanism
Authors: Zhang, Qiliang ; Feng, Jun-e ; Zhao, Ying ; Zhao, Jianli
Source title: Nonlinear Analysis: Hybrid Systems
8. **Accession number:** 20212010368762
Title: Design of iron-ion-doped pomelo peel biochar composites towards removal of organic pollutants
Authors: Liu, Dong-Xu ; Mu, Juan ; Yao, Qian ; Bai, Yang ; Qian, Fei ; Liang, Fang ; Shi, Fa-Nian ; Gao, Jun
Source title: SN Applied Sciences
9. **Accession number:** 20212110384231

Title: Thermodynamic and magnetocaloric properties of a triple-layer graphene-like structure

Authors: Sun, Lei ; Lv, Dan ; Wang, Wei ; Gao, Zhong-Yue ; Li, Bo-Chen

Source title: Physica Scripta

(七) 建筑与土木工程学院 (3 篇)

1. **Accession number:** 20210909992230

Title: Experimental Verifications and Applications of 3D-DDA in Movement Characteristics and Disaster Processes of Rockfalls

Authors: Liu, Guoyang ; Li, Junjie ; Wang, Zhuangzhuang

Source title: Rock Mechanics and Rock Engineering

2. **Accession number:** 20211910339518

Title: Study on evolution of tensile defects in wind turbine blades with primary defects based on cluster analysis

Authors: Zhang, Ya'nan ; Zhou, Bo ; Yu, Fang'ai ; Chen, Changzheng

Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica

3. **Accession number:** 20212310448953

Title: Experimental and numerical study of fracture behavior of rock-like material specimens with single pre-set joint under dynamic loading

Authors: Pan, Bo ; Wang, Xuguang ; Xu, Zhenyang ; Guo, Lianjun ; Wang, Xuesong

Source title: Materials

(八) 人工智能学院 (2 篇)

1. **Accession number:** 20210209750130

Title: Deadband feedback-based scheduling approach for networked control system with variable sampling period

Authors: Tian, Zhongda

Source title: Transactions of the Institute of Measurement and Control

2. **Accession number:** 20211210120272

Title: Modes decomposition forecasting approach for ultra-short-term wind speed

Authors: Tian, Zhongda

Source title: Applied Soft Computing

(九) 环境与化学工程学院 (5 篇)

1. **Accession number:** 20210709913956
Title: One-step arc synthesis and enhanced microwave absorption performances of Al-doped SiC nanoparticles
Authors: Ji, Long ; Wang, Xiao-Lei ; Shi, Gui-Mei ; Shi, Fa-Nian ; Li, Qian ; Bao, Xiu-Kun
Source title: Journal of Materials Science: Materials in Electronics
2. **Accession number:** 20211110086810
Title: Exfoliation of montmorillonite using a simple and low-cost heating/gasifying method
Authors: Liu, Renjie ; Li, Sanxi ; Otitoju, Tunmise Ayode ; Wang, Song ; Zhang, Ailing ; Zhang, Linnan
Source title: Applied Nanoscience (Switzerland)
3. **Accession number:** 20211210126658
Title: Application of a one dimensional Co-MOP wires on supercapacitors
Authors: Sun, Ping-Ping ; Li, Yi-Ming ; Zhang, Yu-Hang ; Shi, Hongwei ; Shi, Fa-Nian
Source title: Inorganica Chimica Acta
4. **Accession number:** 20211510188319
Title: Study on the dynamic magnetic behaviors in a ferrimagnetic mixed spin Ising ladder-type graphene nanoribbon
Authors: Gao, Zhong-yue ; Lv, Dan ; Wang, Wei ; Yu, Jie
Source title: Polymer
5. **Accession number:** 20212110384231
Title: Thermodynamic and magnetocaloric properties of a triple-layer graphene-like structure
Authors: Sun, Lei ; Lv, Dan ; Wang, Wei ; Gao, Zhong-Yue ; Li, Bo-Chen
Source title: Physica Scripta

(十) 石油化工学院 (3 篇)

- 1. Accession number:** 20210910004772
Title: Multifunctional Flexible Polyimides for Electroactive Devices with Electrochromic, Electrofluorochromic, and Photodetection Properties
Authors: Zheng, Rong-Rong ; Huang, Tao ; Niu, Hai-Jun ; Wang, Cheng ; Chang, Hai-Yang ; Sun, Zhi-Yao ; Wang, Li-Yan ; Guo, Li-Ying ; Zhang, Zhi-Peng ; Zhang, Shuo
Source title: ACS Applied Polymer Materials
- 2. Accession number:** 20211310140198
Title: Rapid membrane-specific AIEgen featuring with wash-free imaging and sensitive light-excited killing of cells, bacteria, and fungi
Authors: Zhang, Kexin ; Hu, Rong ; Wang, Zhiming ; Tang, Ben Zhong
Source title: Materials Chemistry Frontiers
- 3. Accession number:** 20212010359785
Title: Reducing odor emissions from feces aerobic composting: Additives
Authors: Zhu, Ping ; Shen, Yilin ; Pan, Xusheng ; Dong, Bin ; Zhou, John ; Zhang, Weidong ; Li, Xiaowei
Source title: RSC Advances

(十一) 其他: 未注明学院 (3 篇)

- 1. Accession number:** 20211310140198
Title: Attack detection design for dc microgrid using eigenvalue assignment approach (Open Access)
Authors: Tan, Sen ; Xie, Peilin ; Guerrero, Josep M. ; Vasquez, Juan C. ; Li, Yunlu ; Guo, Xifeng
Source title: Energy Reports
- 2. Accession number:** 20211610219942
Title: Research on energy management and control method of microgrid considering health status of batteries in echelon utilization (Open Access)
Authors: Yan, Ning ; Zhao, Haichuan ; Ma, Shaohua ; Yan, Tao
Source title: Energy Reports
- 3. Accession number:** 20212310450600
Title: Efficient and precise profiling, modeling and management on power and performance for power constrained hpc systems
Authors: HE, Yuan ; WADA, Yasutaka ; LUO, Wenchao ; SAKAMOTO, Ryuichi ; PAN, Guanqin ; CAO, Thang ; KONDO, Masaaki
Source title: IEICE Transactions on Electronics

二、2021 年第二季度 Ei (CA) 收录各学院论文情况

(一) 机械工程学院 (5 篇)

1. **Accession number:** 20212110387176
Title: Analysis and research on the mechanical characteristics of bus frontal impact based on simulation analysis method
Authors: Du, Linsen ; Zheng, Haiyang
Source title: ACM International Conference Proceeding Series
2. **Accession number:** 20212210424893
Title: Fuzzy PID control method of permanent magnetic levitation vehicle
Authors: Guo, Hui ; Chen, Chuan ; Sun, Feng ; Xu, Fangchao ; Li, Qiang ; Jin, Junjie ; Zhang, Ming ; Tong, Ling ; Zhang, Xiaoyou
Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics
3. **Accession number:** 20212210424913
Title: Intelligent detection method for offline dynamic balance of flexible rotor
Authors: Sun, Feng ; Zhang, Chunguang ; Xu, Fangchao ; Zhao, Haining ; Li, Qiang ; Zhang, Ming ; Guo, Hui ; Jin, Junjie ; Zhang, Xiaoyou
Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics
4. **Accession number:** 20212210424917
Title: Active disturbance rejection control algorithm of permanent magnetic suspension system
Authors: Sun, Feng ; Zhang, Chunguang ; Xu, Fangchao ; Zhao, Haining ; Li, Qiang ; Zhang, Ming ; Guo, Hui ; Jin, Junjie ; Zhang, Xiaoyou
Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics
5. **Accession number:** 20212210425000
Title: Energy-saving control method of permanent magnetic suspension system
Authors: Zhang, Xiaoyou ; Feng, Sen ; Sun, Feng ; Zhao, Chuan ; Zhao, Haining ; Xu, Fangchao ; Li, Qiang ; Jin, Junjie ; Guo, Hui ; Zhang, Ming
Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

(二) 电气工程学院 (31 篇)

1. **Accession number:** 20211210109961
Title: Influence of the calcination temperatures on thermal properties of natural iron ore for heat energy storage (Open Access)
Authors: Ma, Huibo ; Du, Xiaoze ; Ma, Shiping ; Liu, Yu ; Zhao, Pengxiang ; Xing, Zuoxia ; Li, Baorang
Source title: IOP Conference Series: Earth and Environmental Science
2. **Accession number:** 20211210115992
Title: Study on dynamic flashover characteristics of iced insulators (Open Access)
Authors: Yang, Xiaojuan ; Li, Jing ; Liu, Shuxin ; Yu, Longbin ; Cui, Juyong
Source title: IOP Conference Series: Earth and Environmental Science
3. **Accession number:** 20211310154780
Title: Development of multi-layer soil model for Yanmenguan converter station based on Wenner and magnetotelluric method (Open Access)
Authors: Cheng, Xiaosheng ; Gao, Jinwen ; Feng, Lijun ; Hao, Chenglong ; Zhao, Yuting ; Cai, Xinjing
Source title: Journal of Physics: Conference Series
4. **Accession number:** 20211310154781
Title: Research on the effects of DC grounding electrode of Yanmenguan converter station on the earthing network of substation and windfarm based on CDEGS software (Open Access)
Authors: Cheng, Xiaosheng ; Zhao, Yanping ; Shi, Weiguang ; Wang, Kesheng ; Liu, Wei ; Cai, Xinjing
Source title: Journal of Physics: Conference Series
5. **Accession number:** 20211310154783
Title: Research on the electromagnetic interference of Yanmenguan DC grounding electrode on west-east transmission gas pipeline (Open Access)
Authors: Shi, Weiguang ; Wang, Kesheng ; Liu, Wei ; Li, Pingwei ; Cai, Xinjing
Source title: Journal of Physics: Conference Series
6. **Accession number:** 20211310154784
Title: Calculation of corrosion depth of wind power generators and ac substations induced by HVDC grounding electrode (Open Access)
Authors: Feng, Lijun ; Hao, Chenglong ; Zhao, Yuting ; Guo, Dongqing ; Cai, Xinjing
Source title: Journal of Physics: Conference Series
7. **Accession number:** 20211510201542
Title: Study on arc extinguishing performance of DC C4F7N/CO2 mixed gas (Open Access)
Authors: Wang, Chengli ; Li, Jing ; Liu, Shuxin ; Cao, Yundong
Source title: IOP Conference Series: Earth and Environmental Science
8. **Accession number:** 20211710245634
Title: Low frequency oscillation suppression method based on saddle node bifurcation two-layer vector analysis
Authors: Chao, Wang ; Enming, Bai ; Jianyuan, Xu ; Xianzhong, Zhang ; Wende, Wang

Source title: 2021 IEEE 2nd International Conference on Big Data, Artificial Intelligence and Internet of Things Engineering, ICBAIE 2021

9. Accession number: 20211910327719

Title: Research on Optimal Allocation of Capacity of Island Multi-energy System

Authors: Zhu, Xiangxiang ; Zhang, Tieyan

Source title: Proceedings - 2021 13th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2021

10. Accession number: 20211910327742

Title: Optimal operation model of multi-energy microgrid considering a large number of EVs

Authors: Tian, LongBiao ; Chen, Zhe

Source title: Proceedings - 2021 13th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2021

11. Accession number: 20211910327762

Title: Research on Full Range Selective Protection Method of Circuit Breaker Based on Hierarchical Controller

Authors: Zhang, Zhiyao ; Zong, Ming

Source title: Proceedings - 2021 13th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2021

12. Accession number: 20211910327848

Title: Voltage Flicker Mitigation Strategy Based on Individual Pitch Control of Wind Turbine

Authors: Xu, Jingren ; Liu, Yingming

Source title: Proceedings - 2021 13th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2021

13. Accession number: 20211910327850

Title: Optimization model of Multi-energy system based on multi-source energy storage

Authors: Sun, Yueying ; Teng, Yun ; Yang, Shijie

Source title: Proceedings - 2021 13th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2021

14. Accession number: 20211910327863

Title: Study on optimization of gas-electric coordinated operation of energy hub considering cost

Authors: Yuan, Pu ; Teng, Yun

Source title: Proceedings - 2021 13th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2021

15. Accession number: 20211910327880

Title: Multi-time-scale scheduling optimization of regional multi-energy systems considering source-load uncertainty

Authors: Gu, Xiang ; Chen, Zhe

Source title: Proceedings - 2021 13th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2021

16. Accession number: 20211910327886

Title: Cooperative optimal scheduling of multi energy system considering flexible load

Authors: Wei, Lai ; Chen, Zhe

Source title: Proceedings - 2021 13th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2021

17. Accession number: 20212010373287

Title: Power System Fault Remote Diagnosis Method Based on Fast Clustering Algorithm

Authors: Tang, Junci ; Wang, Jing ; Liu, Qiang

Source title: Advances in Intelligent Systems and Computing

18. Accession number: 20212110380541

Title: Degradation Feature Selection Method of AC Conductor Based on Mutual Information

Authors: Liu, Shuxin ; Li, Yanfeng ; Liu, Yang ; Cao, Yundong ; Li, Jing

Source title: Lecture Notes in Electrical Engineering

19. Accession number: 20212110380544

Title: Arc Fault Recognition Based on VMD and ELM

Authors: Liu, Shuxin ; Liu, Zhenxing ; Liu, Yang ; Cao, Yundong ; Li, Jing

Source title: Lecture Notes in Electrical Engineering

20. Accession number: 20212210424891

Title: Multi-channel sEMG signal gesture recognition based on improved CNN-LSTM hybrid models

Authors: Bai, Dianchun ; Liu, Tie ; Han, Xinghua ; Chen, Guo ; Jiang, Yinlai ; Hiroshi, Yokoi

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

21. Accession number: 20212210424892

Title: Personal care robot navigation system based on multi-sensor fusion

Authors: Sun, Yizhen ; Yang, Junyou ; Zhao, Donghui ; Li, Shuyu

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

22. Accession number: 20212210424898

Title: M-region segmentation of pharyngeal swab image based on improved U-Net Model

Authors: Wang, Yina ; Xu, Zechao ; Zhao, Huaici ; Yang, Junyou ; Wang, Shuoyu

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

23. Accession number: 20212210424903

Title: Research on the dynamic model of human lower limbs based on 3D vision

Authors: Bai, Dianchun ; Yi, Hongyu ; Chen, Guo ; Han, Xinghua ; Jiang, Yinlai ; Hiroshi, Yokoi

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

24. Accession number: 20212210424916

Title: Research and verification of a new relaxation technology based on virtual reality for human psychological security and psychosomatic recovery

Authors: Gu, Li ; Sun, Baiqing ; Liu, Lingwen ; Li, Yong ; Zhang, Qiuhaohao ; Yang, Junyou

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

25. Accession number: 20212210424989

Title: Path planning algorithm based on the improved RRT-connect for home service robot arms

Authors: Li, Shuyu ; Zhao, Donghui ; Sun, Yizhen ; Yang, Junyou ; Wang, Shuoyu

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

26. Accession number: 20212210424995

Title: A novel safety evaluation approach of transfer interaction based on optimal feature-combination for LDA classification of functional near-infrared spectroscopy signals

Authors: Zhao, Donghui ; Zhang, Tianqi ; Yang, Junyou ; Wang, Shuoyu ; Yokoi, Hiroshi

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

27. Accession number: 20212210424999

Title: Multi-welfare-robot cooperation framework for multi-task assignment in healthcare facilities based on multi-agent system

Authors: Li, Yong.; Jiao, Xuan-Yu.; Sun, Bai-Qing ; Zhang, Qiu-Hao ; Yang, Jun-You

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

28. Accession number: 20212210425010

Title: A novel posture recognition based on time series supervised learning algorithm

Authors: Duan, Bowen ; Zhao, Donghui ; Yang, Junyou ; Wang, Shuoyu

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

29. Accession number: 20212210425018

Title: Q-learning-based excretion assistance robot improves the sitting conditions of users

Authors: You, Chenhao ; Wang, Yina ; Yang, Junyou

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

30. Accession number: 20212210425021

Title: Study on assistance force of standing assist robot

Authors: Wang, Tianjie ; Wang, Yina ; Yang, Junyou ; Wang, Shuoyu

Source title: ISR 2021 - 2021 IEEE International Conference on Intelligence and Safety for Robotics

31. Accession number: 20212410491703

Title: A Double Current Excitation Control Method for Suppressing Torque Ripple of the Novel SRM

Authors: Ren, Da ; Wang, Dianxue ; Zhang, Hongkui ; Zhang, Wansong ; Liu, Aimin

Source title: 2021 IEEE Power and Energy Conference at Illinois, PECE 2021

(三) 信息科学与工程学院 (1 篇)

1. **Accession number:** 20211910322229
Title: Blockchain-Based Distributed Data Integrity Auditing Scheme
Authors: Baofu, Han ; Hui, Li ; Chuansi, Wei
Source title: 2021 IEEE 6th International Conference on Big Data Analytics, ICBDA 2021

(四) 其他: 未注明学院 (8 篇)

1. **Accession number:** 20211910316714
Title: Co-simulation and Parameter Sensitivity Analysis of High Voltage Switch Bus Insulation and Current Flow
Authors: Zhang, Hao ; Zhu, Jibin ; Wang, Zhijun ; Yao, Yongqi ; Du, Yingqian ; Liu, Yapei
Source title: 2021 3rd Asia Energy and Electrical Engineering Symposium, AEEES 2021
2. **Accession number:** 20211910316718
Title: Simulation Analysis of 550 kV 80 kA SF6 Gas Circuit Breaker's Interrupting Capability in T100a Test
Authors: Zhang, Hao ; Zhong, Jianying ; Zhu, Jibin ; Wang, Zhijun ; Yao, Yongqi ; Liu, Yapei ; Du, Yingqian
Source title: 2021 3rd Asia Energy and Electrical Engineering Symposium, AEEES 2021
3. **Accession number:** 20211910316804
Title: Hydraulic Pressure Simulation of Disc Insulators Considering Bolt Preload
Authors: Wang, Zhijun ; Zhu, Jibin ; Liu, Yapei ; Yao, Yongqi ; Zhang, Hao ; Du, Yingqian
Source title: 2021 3rd Asia Energy and Electrical Engineering Symposium, AEEES 2021
4. **Accession number:** 20211910327888
Title: Fault Prediction Method of Belt Conveyor Based on Grey Least Square Support Vector Machine
Authors: Hu, Xue ; Zong, Ming
Source title: Proceedings - 2021 13th International Conference on Measuring Technology and Mechatronics Automation, ICMTMA 2021
5. **Accession number:** 20211910337819
Title: Local Traffic-Based Energy-Efficient Hybrid Switching for On-Chip Networks
Authors: He, Yuan ; Jiao, Jinyu ; Kondo, Masaaki
Source title: Proceedings - 29th Euromicro International Conference on Parallel, Distributed and Network-Based Processing, PDP 2021
6. **Accession number:** 20212110388398
Title: The Core Competencies of Chinese College Students Based on Big Data Analysis
Authors: Liu, Ye ; Shi, Wanbing

Source title : Proceedings - 2020 International Conference on Information Science and Education, ICISE-IE 2020

7. Accession number: 20212110388421

Title: A Study of Construction of Mobile MOOC for General Education in Colleges and Universities in the Internet Era

Authors: Liu, Ye

Source title : Proceedings - 2020 International Conference on Information Science and Education, ICISE-IE 2020

8. Accession number: 20212310475680

Title: Design and Research on Automatic Launch and Retrieval Righting Mechanism of Traffic Road Cone

Authors: Du, Linsen ; Zheng, Haiyang

Source title: Smart Innovation, Systems and Technologies