

2021 年第一季度
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 3 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2021 年 1 月 1 日至 2021 年 3 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、2021 年第一季度 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 (18 篇)

1. **Accession number:** 20210409822274
Title: Comprehensive analysis of magnetization, magnetostriction, hysteresis and kinematical characteristics for precision magnetostrictive actuator
Authors: Liu, Hui-Fang ; Wang, Jie ; Wang, Han-Yu ; Shao, Qing-Wei
Source title: International Journal of Precision Engineering and Manufacturing
2. **Accession number:** 20210809947695
Title: Creep and damage of a Re/Ru-containing single crystal nickel-based alloy at high temperature
Authors: Yan, Huajin ; Tian, Sugui ; Zhao, Guoqi ; Tian, Ning ; Zhang, Shunke
Source title: Materials Science and Engineering A
3. **Accession number:** 20210409830726
Title: Deep Transfer Network with Multi-Kernel Dynamic Distribution Adaptation for Cross-Machine Fault Diagnosis (Open Access)
Authors: Lv, Mingzhu ; Liu, Shixun ; Su, Xiaoming ; Chen, Changzheng
Source title: IEEE Access
4. **Accession number:** 20210909995745
Title: Study on Collision Detection and Force Feedback Algorithm in Virtual Surgery
Authors: Zhang, Yu ; Luo, Dan ; Li, Jia ; Li, Jisheng
Source title: Journal of Healthcare Engineering
5. **Accession number:** 20210709920615
Title: Effect of residual stress and microstructure evolution on size stability of M50 bearing steel (Open Access)
Authors: Wei, Y.H. ; Yu, X.F. ; Su, Y. ; Shen, X.Y. ; Xia, Y.Z. ; Yang, W.W.
Source title: Journal of Materials Research and Technology
6. **Accession number:** 20210609879971
Title: Vibration characteristics of a disc spring vibration isolator with pre-tightening under boundary friction condition
Authors: Hui, Anmin ; Jin, Yingli ; Zhang, Lei ; Yan, Ming ; Wang, Kaiping
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
7. **Accession number:** 20210309788332
Title: Dynamic Response Analysis of Gear Transmission System with Dynamic Backlash
Authors: Liu, Jie ; Zhao, Weiqiang ; Ren, Wang
Source title : Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis
8. **Accession number:** 20210509859587
Title: Numerical Simulation of Progressive Delamination in Composite Laminates Under Mode I and Mode II Loadings
Authors: Wang, Z.Z. ; Zhao, J. ; Ma, X. ; Wang, S.J. ; Yang, X.
Source title: Mechanics of Composite Materials
9. **Accession number:** 20210809975386
Title: Analysis of Quasi-Zero Power Characteristic for a Permanent Magnetic Levitation System with a Variable Flux Path Control Mechanism

- Authors:** Zhao, Chuan ; Sun, Feng ; Jin, Junjie ; Tang, Jinghu ; Xu, Fangchao ; Li, Qiang ; Oka, Koichi
Source title: IEEE/ASME Transactions on Mechatronics
- 10. Accession number:** 20210910016849
Title: Microstructure evolution and constitutive relation establishment of Mg - 7Gd - 5Y - 1.2Nd - 0.5Zr alloy under high strain rate after severe multi-directional deformation
Authors: Tang, Wanru ; Liu, Shimeng ; Liu, Zheng ; Kang, Shuang ; Mao, Pingli ; Zhou, Le ; Wang, Zhi
Source title: Materials Science and Engineering A
- 11. Accession number:** 20211010027543
Title: Development and Performance Analysis of Pneumatic Soft-Bodied Bionic Actuator (Open Access)
Authors: Zhao, Wenchuan ; Zhang, Yu ; Wang, Ning
Source title: Applied Bionics and Biomechanics
- 12. Accession number:** 20211110061594
Title: Research Progress on the Tribological Properties of Textured Surfaces
Authors: Zhong, Bing ; Xing, Zhiguo ; Wang, Haidou ; Lyu, Xiaoren ; Huang, Yanfei ; Guo, Weiling ; Zhang, Zhong
Source title: Cailiao Daobao/Materials Reports
- 13. Accession number:** 20211110074957
Title: Prediction approach of remaining useful life for wind turbine bearings based on PCA-UPF
Authors: Lyu, Mingzhu ; Su, Xiaoming ; Chen, Changzheng ; Liu, Shixun
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
- 14. Accession number:** 20211110077120
Title: A Novel Shock Absorber with the Preload and Global Negative Stiffness for Effective Shock Isolation (Open Access)
Authors: Zeng, Zecui ; Zhang, Lei ; Yan, Ming
Source title: Shock and Vibration
- 15. Accession number:** 20211110080640
Title: Swelling Mechanism and its Effect on Abrasive Wear Behavior of Nitrile Rubber in Water Medium
Authors: Song, Shuyuan ; Wang, Shijie ; Nie, Rui ; Li, Yunlong
Source title: Moxue Xuebao/Tribology
- 16. Accession number:** 20211110084722
Title: Novel Method of Real-Time Remaining Useful Life Prediction for Wind Turbine Bearings
Authors: Lü, Mingzhu ; Su, Xiaoming ; Liu, Shixun ; Chen, Changzheng
Source title : Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis
- 17. Accession number:** 20211110088925
Title: In-cavity mixed convection simulation based on ventilation and internal heat source parameters
Authors: Sun, Mengnan ; Song, Guiqiu ; Zhou, Shihua ; Dong, Zhixu

Source title: Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University

18. Accession number: 20211210107952

Title: Soft robotics: Research, challenges, and prospects

Authors: Zhao, Wenchuan ; Zhang, Yu ; Wang, Ning

Source title: Journal of Robotics and Mechatronics

(二) 材料科学与工程学院 (33 篇)

1. **Accession number:** 20210609877629
Title: In situ grown CoS on nickel foam pre-deposited with sulphur as an efficient OER electrocatalyst
Authors: Guo, Rui ; Zhang, Shengqi ; Wen, Hui ; Ni, Zhiyuan ; He, Yan ; Yu, Tao ; You, Junhua
Source title: New Journal of Chemistry
2. **Accession number:** 20210409818392
Title: Effect of Ni²⁺ concentration on microstructure and bonding capacity of electroless copper plating on carbon fibers
Authors: Zhou, Qiwen ; Li, Guanglong ; Zhou, Zhenping ; Qu, Yingdong ; Chen, Ruirun ; Gao, Xuefeng ; Xu, Wendong ; Nie, Sainan ; Tian, Chang ; Li, Rongde
Source title: Journal of Alloys and Compounds
3. **Accession number:** 20210809943206
Title: In-situ tuning the NH₄⁺ extraction in (NH₄)₂V₄O₉ nanosheets towards high performance aqueous zinc ion batteries
Authors: Cui, Fuhan ; Hu, Fang ; Yu, Xin ; Guan, Chao ; Song, Guihong ; Zhu, Kai
Source title: Journal of Power Sources
4. **Accession number:** 20210809941864
Title: Design strategies toward achieving high-performance CoMoO₄@Co_{1.62}Mo₆S₈ electrode materials
Authors: Liu, H. ; Zhao, D. ; Hu, P. ; Chen, K. ; Wu, X. ; Xue, D.
Source title: Materials Today Physics
5. **Accession number:** 20210709918737
Title: Study of adhesion properties and mechanism of sodium silicate binder reinforced with silicate fume
Authors: Song, Lai ; Liu, Weihua ; Xin, Fanghai ; Li, Yingmin
Source title: International Journal of Adhesion and Adhesives
6. **Accession number:** 20210709913491
Title: Monte Carlo study of magnetic behaviors in a ferrimagnetic Ising ladder-like boronene nanoribbon
Authors: Lv, Dan ; Zhang, De-zhi ; Yang, Min ; Wang, Feng ; Yu, Jie
Source title: Superlattices and Microstructures
7. **Accession number:** 20210709929472
Title: Crystallization mechanism of ammonium aluminum sulfate during cooling process
Authors: Yang, Xu ; Wu, Yusheng ; Li, Laishi ; Wang, Yuzheng ; Li, Mingchun
Source title: Journal of Crystal Growth
8. **Accession number:** 20210309783118
Title: Recent developments in the photocatalytic applications of covalent organic frameworks: A review
Authors: You, Junhua ; Zhao, Yao ; Wang, Lu ; Bao, Wanting
Source title: Journal of Cleaner Production
9. **Accession number:** 20210809971167

Title: Life prediction of copper-aluminium composite plate, based on electrical conductivity in a marine atmosphere

Authors: Cheng, Yulin ; Zuo, Xiaojiao ; Yuan, Xiaoguang ; Huang, Hongjun ; Zhang, Yifan

Source title: Engineering Failure Analysis

10. Accession number: 20210209768366

Title: Reaction mechanism and oxidation resistance of modified Al/NiCr composite coating on Ti

Authors: Jia, Qian-Qian ; Li, De-Yuan ; Li, Bin ; Zhao, Wen-Zhen

Source title: Surface Technology

11. Accession number: 20210509836085

Title: High-temperature oxidation properties and microstructural evolution of nanostructure Fe-Cr-Al based alloys (Open Access)

Authors: Li, Zhengyuan ; Chen, Lijia ; Zhang, Haoyu ; Liu, Siyu

Source title: Materials

12. Accession number: 20210709920615

Title: Effect of residual stress and microstructure evolution on size stability of M50 bearing steel (Open Access)

Authors: Wei, Y.H. ; Yu, X.F. ; Su, Y. ; Shen, X.Y. ; Xia, Y.Z. ; Yang, W.W.

Source title: Journal of Materials Research and Technology

13. Accession number: 20210809975598

Title: Additive manufacturing of 24CrNiMo low alloy steel by selective laser melting: Influence of volumetric energy density on densification, microstructure and hardness

Authors: Cui, X. ; Zhang, S. ; Zhang, C.H. ; Chen, J. ; Zhang, J.B. ; Dong, S.Y.

Source title: Materials Science and Engineering A

14. Accession number: 20210509835915

Title: Catalyzed Sintering of Regenerated CaO Induced by Partition Evolution of Calcium Carbonate

Authors: Niu, Jiaming ; Li, Mingchun ; Wang, Baoting ; Yu, Fuyuan ; Tao, Aili ; Li, Shengfei ; Wu, Yusheng

Source title: Chemical Engineering and Technology

15. Accession number: 20210409817929

Title: Thermoelectric performance of copper-rich β -Cu₂Se films with Ag-doping by magnetron sputtering

Authors: Song, Gui-hong ; Li, Gui-peng ; Li, Xiu-yu ; Du, Hao ; Hu, Fang

Source title: Materials Chemistry and Physics

16. Accession number: 20210509855679

Title: Preparation of 304 Stainless Steel Powder for 3D Printing by Vacuum-Induced Multistage Atomization (Open Access)

Authors: Jiang, Xueyu ; Che, Xin ; Tian, Chen ; Zhu, Xiaofei ; Zhou, Ge ; Chen, Lijia ; Li, Jianlin

Source title: Frontiers in Materials

17. Accession number: 20210809967785

Title: Effect of Si and Mn on Microstructure and Tensile Properties of Austenitic Stainless Steel

Authors: Lu, Chengxu ; Yi, Haoyu ; Liang, Tian ; Wang, Min ; Xue, Hailong ; Ma, Yingche ; Liu, Kui

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

18. Accession number: 20210209752156

Title: High electrical conductivity Al-Ag-Sc-Zr alloy with ultrafine grains processed by accumulative continuous extrusion

Authors: Tie, Di ; Guan, Renguo ; Wang, Zhi ; Fu, Ying ; Zhang, Jin ; Chen, Xiaolin ; Wang, Yuxiang ; Ling, Cheng ; Cai, Minghui

Source title: Materials Letters

19. Accession number: 20210910016849

Title: Microstructure evolution and constitutive relation establishment of Mg - 7Gd - 5Y - 1.2Nd - 0.5Zr alloy under high strain rate after severe multi-directional deformation

Authors: Tang, Wanru ; Liu, Shimeng ; Liu, Zheng ; Kang, Shuang ; Mao, Pingli ; Zhou, Le ; Wang, Zhi

Source title: Materials Science and Engineering A

20. Accession number: 20210609875390

Title: Dislocation-Controlled Low-Temperature Superplastic Deformation of Ti-6Al-4V Alloy (Open Access)

Authors: Liu, Chao ; Wang, Xin ; Zhou, Ge ; Li, Feng ; Zhang, Siqian ; Zhang, Haoyu ; Chen, Lijia ; Liu, Haijian

Source title: Frontiers in Materials

21. Accession number: 20210609894436

Title: PPy film anchored on ZnCo₂O₄ nanowires facilitating efficient bifunctional electrocatalysis

Authors: Zhao, D. ; Dai, M. ; Liu, H. ; Zhu, X. ; Wu, X.

Source title: Materials Today Energy

22. Accession number: 20210209763918

Title: Influence of synchronous magnetic pulse on short circuit transfer CO₂ arc welding process

Authors: Zou, Wenfeng ; Li, Yiwen ; Mei, Qiang ; Babkin, Aleksandr ; Chang, Yunlong

Source title: Hanjie Xuebao/Transactions of the China Welding Institution

23. Accession number: 20210209739319

Title: Synthesis and visible-light photocatalytic properties of BiOBr/CdS nanomaterials

Authors: You, Junhua ; Wang, Lu ; Bao, Wanting ; Yan, Aiguo ; Guo, Rui

Source title: Journal of Materials Science

24. Accession number: 20210609891377

Title: Preparation, visible light-driven photocatalytic activity, and mechanism of multiphase CdS/C₃N₄ inorganic-organic hybrid heterojunction

Authors: You, Junhua ; Bao, Wanting ; Wang, Lu ; Yan, Aiguo ; Guo, Rui

Source title: Journal of Alloys and Compounds

25. Accession number: 20210609884080

Title: Precipitation Behavior of W-Rich Phases in a High W-Containing Ni-Based Superalloys K416B

- Authors:** Zhu, Yuping ; Naicheng, Sheng ; Xie, Jun ; Wang, Zhenjiang ; Xun, Shuling ; Yu, Jinjiang ; Li, Jinguo ; Yang, Lin ; Hou, Guichen ; Zhou, Yizhou ; Sun, Xiaofeng
Source title: Jinshu Xuebao/Acta Metallurgica Sinica
- 26. Accession number:** 20210809939940
Title: Hybrid Co₃O₄@Co₉S₈ Electrocatalysts for Oxygen Evolution Reaction
Authors: Tong, Yong-Li ; Xing, Lei ; Dai, Mei-Zhen ; Wu, Xiang
Source title: Frontiers in Materials
- 27. Accession number:** 20210809938810
Title: Approaches to enhance low-field magnetoresistance effect at room temperature of self-assembled manganite nanocomposite films via microstructure design
Authors: Wang, Zhan Jie
Source title: MRS Bulletin
- 28. Accession number:** 20210809938984
Title: Microstructural evolution of Mg - 6Zn - 0.6Zr alloy during high strain rate compression deformation
Authors: Zhou, Le ; Zhang, Jianping ; Li, Yutian ; Wang, Zhi ; Liu, Shimeng ; Wang, Feng ; Mao, Pingli ; Liu, Zheng
Source title: Materials Science and Technology (United Kingdom)
- 29. Accession number:** 20211010053972
Title: Novel gradient alloy steel with quasi-continuous ratios fabricated by SLM: Material microstructure and wear mechanism
Authors: Wang, X. ; Zhang, C.H. ; Cui, X. ; Zhang, S. ; Chen, J. ; Zhang, J.B.
Source title: Materials Characterization
- 30. Accession number:** 20211110061772
Title: Effect of hot isostatic pressing on the microstructure and mechanical properties of 17-4PH stainless steel parts fabricated by selective laser melting
Authors: Shi, Qi ; Qin, Feng ; Li, Kefeng ; Liu, Xin ; Zhou, Ge
Source title: Materials Science and Engineering A
- 31. Accession number:** 20211110072066
Title: Cavitation erosion-corrosion behaviour of Fe-10Cr martensitic steel microalloyed with Zr in 3.5 % NaCl solution
Authors: Zheng, Zhibin ; Long, Jun ; Wang, Shuai ; Li, Hui ; Wang, Juan ; Zheng, Kaihong
Source title: Corrosion Science
- 32. Accession number:** 20211110075973
Title: Secondary recrystallization behavior in magnetostrictive Fe-Ga thin sheets induced by nano-sized composite precipitates
Authors: He, Zhenghua ; Du, Hongji ; Sha, Yuhui ; Chen, Sihao ; Zhang, Fang ; Chen, Lijia ; Zuo, Liang
Source title: AIP Advances
- 33. Accession number:** 20211110082622
Title: Effects of nitrogen element on microstructure and pitting corrosion resistance of duplex stainless steel welded joints
Authors: Yingying, Zhang ; Zhengjun, Liu ; Zhang, Yingying ; Liu, Zhengjun ; Jin, Meiling ; Song, Shuang

Source title: Materials Research Express

(三) 电气工程学院 (23 篇)

1. **Accession number:** 20210409831071
Title: Attribute-Driven Granular Model for EMG-Based Pinch and Fingertip Force Grand Recognition
Authors: Fang, Yinfeng ; Zhou, Dalin ; Li, Kairu ; Ju, Zhaojie ; Liu, Honghai
Source title: IEEE Transactions on Cybernetics
2. **Accession number:** 20210209747834
Title: Deployment optimization of wireless mesh networks in wind turbine condition monitoring system
Authors: Yang, Yanjun ; Liu, Aimin ; Xin, Hongwei ; Wang, Jianguo ; Yu, Xin ; Zhang, Wen
Source title: Wireless Networks
3. **Accession number:** 20210709924841
Title: Short-term load demand forecasting through rich features based on recurrent neural networks (Open Access)
Authors: Zhao, Dongbo ; Ge, Qian ; Tian, Yuting ; Cui, Jia ; Xie, Boqi ; Hong, Tianqi
Source title: IET Generation, Transmission and Distribution
4. **Accession number:** 20210809971628
Title: Coordination Operation Model of Microgrid Cluster for Improving Electricity-gas Networks Regulation Capability
Authors: Teng, Yun ; Gong, Wei ; Leng, Ouyang ; Wang, Zedi ; Zhou, Da ; Chen, Zhe
Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
5. **Accession number:** 20210309770923
Title: Control strategy of improved virtual synchronous generator for distributed generation
Authors: Gao, Changwei ; Liu, Xiaoming ; Fan, Ailong
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
6. **Accession number:** 20210509871635
Title: Optimization of storage capacity allocation in wind farm cluster based on ant lion optimization algorithm
Authors: Liu, Yingming ; Wang, Yingwei ; Wang, Xiaodong ; Han, Yunfei
Source title: Taiyangneng Xuebao/Acta Energiae Solaris Sinica
7. **Accession number:** 20210609896909
Title: Stochastic stabilization for discrete-time markovian jump systems with time-varying delay and two markov chains under partly known transition probabilities (Open Access)
Authors: Li, Yuan ; Yu, Zhongxin ; Liu, Yang ; Ren, Junchao
Source title: IEEE Access
8. **Accession number:** 20210909983345
Title: Electromagnetic and mechanical design of module dual stator brushless doubly-fed generator for offshore wind turbine
Authors: Wang, Hao ; Yu, Siyan ; Jin, Shi ; Zhang, Fengge
Source title: IET Renewable Power Generation
9. **Accession number:** 20210409813945

- Title:** Facial Expression Recognition Using Kernel Entropy Component Analysis Network and DAGSVM (Open Access)
Authors: Chen, Xiangmin ; Ke, Li ; Du, Qiang ; Li, Jinghui ; Ding, Xiaodi
Source title: Complexity
- 10. Accession number:** 20210609903898
Title: Power balanced control of rectifier permanent magnet generator sets
Authors: He, Gongfei ; Zhang, Bingyi ; Feng, Guihong
Source title: Journal of Intelligent and Fuzzy Systems
- 11. Accession number:** 20210309803436
Title: The Performance Impact of Radial Parallel Permanent Magnet in Spoke-Type Permanent Magnet Synchronous Motor
Authors: Sun, Shaonan ; Feng, Guihong ; Li, Yan ; Zhang, Bingyi
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 12. Accession number:** 20210809975927
Title: Detection method of nonlinear magnetized harmonic signal of medical magnetic nanoparticles
Authors: Liu, Yangyang ; Ke, Li ; Du, Qiang ; Zu, Wannan ; Jiang, Ce ; Zhang, Yulu
Source title: Shengwu Yixue Gongchengxue Zazhi/Journal of Biomedical Engineering
- 13. Accession number:** 20210209744189
Title: Dynamic equivalent modeling for microgrid based on GRU (Open Access)
Authors: Li, Yunlu ; Yang, Junyou ; Wang, Haixin ; Cui, Jia ; Ma, Yihua ; Huang, Siyu
Source title: Energy Reports
- 14. Accession number:** 20210910012107
Title: Modified Core Loss Calculation for High-Speed PMSMs with Amorphous Metal Stator Cores
Authors: Tong, Wenming ; Li, Shiqi ; Sun, Ruolan ; Sun, Lu ; Tang, Renyuan
Source title: IEEE Transactions on Energy Conversion
- 15. Accession number:** 20210409825461
Title: Thermal Analysis of Large Hybrid Excitation Synchronous Machine With Modular Stator and Consequent Pole Rotor Based on Lumped Parameter Thermal Network
Authors: Wu, Shengnan ; Hao, Daquan ; Tong, Wenming ; Jia, Jianguo ; Chen, Jian ; Li, Honghao
Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 16. Accession number:** 20210409823749
Title: Autonomous Operation of Grid Synchronizing Breakers with Low Voltage Ride Through (LVRT) Capabilities
Authors: Zhang, Liu ; Ma, Shaohua ; Liu, Yiqi ; Zhao, Yi
Source title: Electric Power Components and Systems
- 17. Accession number:** 20210709910790
Title: Hybrid knowledge base for care robots
Authors: Yang, Guang ; Wang, Shuoyu ; Yang, Junyou
Source title: International Journal of Innovative Computing, Information and Control
- 18. Accession number:** 20210509834072

- Title:** Rotor Topology Optimization of Interior Permanent Magnet Synchronous Motor with High-Strength Silicon Steel Application
Authors: Gao, Lingyu ; Zhang, Hang ; Zeng, Lubin ; Pei, Ruilin
Source title: IEEE Transactions on Magnetics
- 19. Accession number:** 20210209750283
Title: Analysis and calculation of the leakage coefficient of spoke type permanent magnet synchronous motor
Authors: Zhang, Bing-Yi ; Wang, Chao ; Feng, Gui-Hong ; Li, Ying
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 20. Accession number:** 20211110074935
Title: Improved virtual synchronous generator control strategy for distributed photovoltaic power system
Authors: Gao, Changwei ; Liu, Xiaoming ; Meng, Zhaojun
Source title: Taiyangneng Xuebao/Acta Energetica Solaris Sinica
- 21. Accession number:** 20211110075779
Title: Adaptive backstepping complementary sliding mode control with parameter estimation and dead-zone modification for PMLSM servo system (Open Access)
Authors: Jin, Hongyan ; Zhao, Ximei ; Wang, Tianhe
Source title: IET Power Electronics
- 22. Accession number:** 20211110080085
Title: Parametric method to design dynamic compensator for descriptor high-order quasilinear systems
Authors: Gu, Da-Ke ; Zhang, Da-Wei ; Liu, Yin-Dong
Source title: IET Control Theory and Applications
- 23. Accession number:** 20211210100942
Title: Simulation on Pore Conductivity Model of Cerebral Pulsating Blood Flow Conductivity
Authors: Ding, Xiaodi ; Ke, Li ; Du, Qiang
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

(四) 信息科学与工程学院 (10 篇)

1. **Accession number:** 20210709925566
Title: Logistics outsourcing of fresh enterprises considering fresh-keeping efforts based on evolutionary game analysis (Open Access)
Authors: Liu, Peng ; Wang, Sai
Source title: IEEE Access
2. **Accession number:** 20210109721354
Title: Characteristic analysis of a capacitive pressure-sensitive structure with linkage film
Authors: Chuai, Rongyan ; Zhang, Bing ; Hao, Siping ; Yang, Yuxin ; Zhang, He
Source title: Journal of Computational Electronics
3. **Accession number:** 20210809954458
Title: Investigation on the microporosity formation of IN718 alloy during laser cladding based on cellular automaton (Open Access)
Authors: Lv, Hao ; Li, Zhijie ; Li, Xudong ; Yang, Kun ; Li, Fei ; Xie, Hualong
Source title: Materials
4. **Accession number:** 20210209766785
Title: Multi-Attribute group decision making method under 2-dimension uncertain linguistic variables (Open Access)
Authors: Kexin, Jiang ; Quan, Zhang ; Manting, Yan
Source title: Journal of Systems Engineering and Electronics
5. **Accession number:** 20210609894336
Title: Effects of pressure on the generalized stacking fault energy and twinning propensity of face-centered cubic metals
Authors: Yan, J.X. ; Zhang, Z.J. ; Yu, H. ; Li, K.Q. ; Hu, Q.M. ; Yang, J.B. ; Zhang, Z.F.
Source title: Journal of Alloys and Compounds
6. **Accession number:** 20210509846443
Title: Research on the magnetic flux leakage field distribution characteristics of defect in low-frequency electromagnetic detection technique (Open Access)
Authors: Yang, Lijian ; Huang, Ping ; Gao, Songwei ; Du, Zhouzhong ; Bai, Shi
Source title: IEICE Electronics Express
7. **Accession number:** 20210609902050
Title: Wood chip crack detection based on linear scale-space differential
Authors: Li, Shaoli ; Li, Dejian ; Yuan, Weiqi
Source title: Measurement: Journal of the International Measurement Confederation
8. **Accession number:** 20210809961195
Title: Improved constructive algorithm for irregular three-dimensional packing problems
Authors: Liu, Xiao ; Xu, Lei ; Chen, Chaohe ; Liu, Jiamin
Source title: Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS
9. **Accession number:** 20210809952950
Title: Multi-energy System Optimal Model in Consideration of Coordinate Disposal of Power Grid and Gas Network and Waste
Authors: Wang, Zedi ; Teng, Yun ; Hu, Hao ; Chen, Zhe

Source title: Gaodianya Jishu/High Voltage Engineering

10. Accession number: 20211010048676

Title: Variable Step Size Sign Diffusion Affine Projection Algorithm Based on Wilcoxon Norm under Non-Gaussian Noise

Authors: Guo, Ying ; Yu, Hefang ; Zhao, Lu ; Li, Fei ; Liu, Zhenyu

Source title: Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology

(五) 管理学院 (3 篇)

1. Accession number: 20210209753646

Title: Agglomeration development strategy of telecom industry based on embedded system and data mining

Authors: Feng, Yueguang ; Hou, Qiang

Source title: Microprocessors and Microsystems

2. Accession number: 20210709925566

Title: Logistics outsourcing of fresh enterprises considering fresh-keeping efforts based on evolutionary game analysis (Open Access)

Authors: Liu, Peng ; Wang, Sai

Source title: IEEE Access

3. Accession number: 20211110077113

Title: Supply Chain Investment in Carbon Emission-Reducing Technology Based on Stochasticity and Low-Carbon Preferences (Open Access)

Authors: Yu, Shan ; Hou, Qiang

Source title: Complexity

(六) 理学院 (7 篇)

1. **Accession number:** 20210609896909
Title: Stochastic stabilization for discrete-time markovian jump systems with time-varying delay and two markov chains under partly known transition probabilities (Open Access)
Authors: Li, Yuan ; Yu, Zhongxin ; Liu, Yang ; Ren, Junchao
Source title: IEEE Access
2. **Accession number:** 20210709913491
Title: Monte Carlo study of magnetic behaviors in a ferrimagnetic Ising ladder-like boronene nanoribbon
Authors: Lv, Dan ; Zhang, De-zhi ; Yang, Min ; Wang, Feng ; Yu, Jie
Source title: Superlattices and Microstructures
3. **Accession number:** 20210709917993
Title: Quantum fluctuation effects on graphene-like material with six-sublattice structure
Authors: Hu, Jin-Qiu ; Zhu, Ye ; Si, Nan ; Zhang, Na ; Jiang, Wei ; Guo, An-Bang
Source title: Physica E: Low-Dimensional Systems and Nanostructures
4. **Accession number:** 20210509855452
Title: Magnetic and thermodynamic behaviors of a diluted Ising nanographene monolayer under the longitudinal magnetic field
Authors: Wang, Wei ; Sun, Lei ; Li, Qi ; Lv, Dan ; Gao, Zhong-yue ; Huang, Te
Source title: Journal of Magnetism and Magnetic Materials
5. **Accession number:** 20210910003607
Title: Magnetic and thermodynamic behaviors of the graphene-like quantum dots: A Monte Carlo study
Authors: Sun, Lei ; Wang, Wei ; Lv, Dan ; Gao, Zhong-yue ; Li, Qi ; Li, Bo-chen
Source title: Journal of Magnetism and Magnetic Materials
6. **Accession number:** 20211010020372
Title: Effects of chiral indices on the atomic arrangements and electronic properties of Si double-walled nanotubes (6,min)@(9,mout) (min = 0 to 6, mout = 0 to 9) by SCC-DFTB calculations
Authors: Wu, Lijun ; Han, Yan ; Zhao, Qian ; Zhang, Lin
Source title: Materials Science in Semiconductor Processing
7. **Accession number:** 20210809972283
Title: One-step synthesis and performances of Ni@CN nanocapsules with superior dual-function as electrocatalyst and microwave absorbent
Authors: Li, Shu-Tong ; Shi, Gui-Mei ; Li, Qian ; Shi, Fa-Nian ; Wang, Xiao-Lei ; Yang, Lin-Mei
Source title: Colloids and Surfaces A: Physicochemical and Engineering Aspects

(七) 建筑与土木工程学院 (5 篇)

1. **Accession number:** 20210209744325
Title: Motion characteristics of rockfall by combining field experiments and 3D discontinuous deformation analysis
Authors: Ma, Ke ; Liu, Guoyang ; Xu, Nuwen; Zhang, Zhenghu ; Feng, Bo
Source title: International Journal of Rock Mechanics and Mining Sciences
2. **Accession number:** 20211010020738
Title: Effect of shear deformation on aluminum adsorption on silicene
Authors: Yao, Yongde ; Liu, Guili ; Yang, Jiangfei
Source title: Journal of Molecular Structure
3. **Accession number:** 20210309782504
Title: Research on seismic performance of Z-supported graded yield damper
Authors: Gao, Huaguo ; Zhang, Lingxin ; Shi, Xinxin ; Ning, Baokuan ; Yang, Fan
Source title: Tumu Gongcheng Xuebao/China Civil Engineering Journal
4. **Accession number:** 20210609877612
Title: Perspective on multi-scale simulation of thermal transport in solids and interfaces
Authors: Hu, Ming ; Yang, Zhonghua
Source title: Physical Chemistry Chemical Physics
5. **Accession number:** 20211110090648
Title: Research on the effect of joint angle on dynamic responses of rock materials
Authors: Pan, Bo ; Wang, Xuguang ; Xu, Zhenyang ; Guo, Lianjun ; Li, Xiaoshuai
Source title: Yanshilixue Yu Gongcheng Xuebao/Chinese Journal of Rock Mechanics and Engineering

(八) 人工智能学院 (1 篇)

1. **Accession number:** 20210809969227
Title: A combination forecasting model of wind speed based on decomposition (Open Access)
Authors: Tian, Zhongda ; Li, Hao ; Li, Feihong
Source title: Energy Reports

(九) 环境与化学工程学院 (3 篇)

1. **Accession number:** 20210509836903
Title: Peroxydisulfate Activation and Singlet Oxygen Generation by Oxygen Vacancy for Degradation of Contaminants
Authors: Bu, Yongguang ; Li, Hongchao ; Yu, Wenjing ; Pan, Yifan ; Li, Lijun ; Wang, Yanfeng ; Pu, Liangtao ; Ding, Jie ; Gao, Guandao ; Pan, Bingcai
Source title: Environmental Science and Technology
2. **Accession number:** 20210709913491
Title: Monte Carlo study of magnetic behaviors in a ferrimagnetic Ising ladder-like boronene nanoribbon
Authors: Lv, Dan ; Zhang, De-zhi ; Yang, Min ; Wang, Feng ; Yu, Jie
Source title: Superlattices and Microstructures
3. **Accession number:** 20210910003607
Title: Magnetic and thermodynamic behaviors of the graphene-like quantum dots: A Monte Carlo study
Authors: Sun, Lei ; Wang, Wei ; Lv, Dan ; Gao, Zhong-yue ; Li, Qi ; Li, Bo-chen
Source title: Journal of Magnetism and Magnetic Materials
4. **Accession number:** 20211110072135
Title: Synthesis, structure and lithium storage performance of a copper - molybdenum complex polymer based on 4,4' -bipyridine
Authors: Bai, Jin-Da ; Zhang, Yu-Hang ; Shi, Hongwei ; Shi, Qi ; Shi, Fa-Nian
Source title: Journal of Solid State Chemistry

(十) 石油化工学院 (3 篇)

- 1. Accession number:** 20210809946986
Title: Preparation and characterization of ACF/carbon composite membranes for efficient oil/water separation
Authors: Wu, Yonghong ; Yao, Rui ; Zhang, Xiaoyu ; Zhang, Bing ; Wang, Tonghua
Source title: Journal of Environmental Chemical Engineering
- 2. Accession number:** 20210209754807
Title: High-Efficiency, Non-doped, Pure-Blue Fluorescent Organic Light-Emitting Diodes via Molecular Tuning Regulation of Hot Exciton Excited States
Authors: Lv, Xianhao ; Xu, Lei ; Cui, Wei ; Yu, Yuan ; Zhou, Huayi ; Cang, Miao ; Sun, Qikun ; Pan, Yuyu ; Xu, Yuwei ; Hu, Dehua ; Xue, Shanfeng ; Yang, Wenjun
Source title: ACS Applied Materials and Interfaces
- 3. Accession number:** 20211010057533
Title: Modification of CO₂-selective mixed matrix membranes by a binary composition of poly(ethylene glycol)/NaY zeolite
Authors: Zhang, Bing ; Yang, Chen ; Zheng, Yingfei ; Wu, Yonghong ; Song, Chunfeng ; Liu, Qingling ; Wang, Zhi
Source title: Journal of Membrane Science

(十一) 其他: 未注明学院 (2 篇)

- 1. Accession number:** 20210109731022
Title: Effective compressive elastic behavior of rhombic dodecahedron structure with and without border constraints
Authors: Yu, Boning ; Li, Yuming ; Abbes, Boussad ; Yu, Baoyi ; Li, Shujun
Source title: Composite Structures
- 2. Accession number:** 20210509842080
Title: High quality error-tolerant phrase mining on text corpus
Authors: Wang, Jiaying ; Shan, Jing ; Santos, Odafen Ehiaribho ; Bao, Jinling
Source title: Expert Systems with Applications

二、2021 年第一季度 Ei (CA) 收录各学院论文情况

(一) 机械工程学院 (1 篇)

1. **Accession number:** 20210109711954

Title: Abnormal Condition Detection Integrated with Kullback Leibler Divergence and Relative Importance Function for Cement Raw Meal Calcination Process

Authors: Qiao, Jinghui ; Tian, Feng

Source title: 2nd International Conference on Industrial Artificial Intelligence, IAI 2020

(二) 电气工程学院 (45 篇)

- 1. Accession number:** 20210309779522
Title: Study on Different Time Level Control Methods of Energy Storage System Considering the Reliability of Microgrid Cluster Power Supply
Authors: Mei, Di ; Dou, Wenlei ; Jiang, Tao ; Li, Fang ; Hou, Yixin ; Ning, Yan ; Zhao, Haichuan
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 2. Accession number:** 20210309779582
Title: Sorting Method for Retired Power Battery Module Considering Consistent Static and Dynamic Characteristics
Authors: Yan, Ning ; Zhang, Bo ; Ma, Shaohua ; Pan, Xiao
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 3. Accession number:** 20210309779453
Title: Research on Reliability Analysis Method of Power Battery Based on Accelerated Life Test
Authors: Liu, Jingbo ; Wang, Zheng ; Tong, Junda ; Yang, Bo ; Shang, Wenying ; Yan, Ning
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 4. Accession number:** 20210709927603
Title: An Improved Core Loss Model of Ferromagnetic Materials Considering High-Frequency and Non-Sinusoidal Supply
Authors: Zhao, Haisen ; Eldeeb, Hassan H. ; Zhang, Yanli ; Zhan, Yang ; Xu, Guorui ; Mohammed, Osama A.
Source title: 2020 IEEE Industry Applications Society Annual Meeting, IAS 2020
- 5. Accession number:** 20210809937090
Title: Time domain characteristic analysis of wind turbine tower load based on Imbalanced fault of wind wheel
Authors: Guo, Hongtao ; Li, Ze ; Jiang, Jing ; Guo, Tao ; Liang, Guo ; Xing, Zuoxia
Source title: Proceedings of SPIE - The International Society for Optical Engineering
- 6. Accession number:** 20210309779657
Title: Research on Energy Coordination Control Strategy of Microgrids Based on Ring Network Architecture
Authors: Guo, Shangming ; Tong, Yongji ; Li, Jianfeng ; Zhu, Heyan ; Li, Chunzheng ; Yan, Ning
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 7. Accession number:** 20210309779274
Title: Research on Maximum Power Tracking Strategy of 10MW Medium Voltage Six Phase Permanent Magnet Wind Turbine
Authors: Dou, Wenlei ; Tong, Yongji ; Deng, Xinyang ; Gao, Jing ; Yang, Fangyuan ; Ning, Yan ; Zhao, Haichuan

Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020

8. Accession number: 20210809937102

Title: Design of remote wireless collection system for multi-meter based on narrow band Internet of Things

Authors: Yu, Changle ; Zhang, Pengfei ; Yu, Minghao ; Jiang, Zilong ; Dan, Jia ; Hu, Bo

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

9. Accession number: 20210309781796

Title: Speed Sensorless Control for Novel Dual-stator Low-speed High-torque Synchronous Motor with Hybrid Rotor

Authors: Jin, Shi ; Song, Shunqian ; Jin, Wuhen ; Jiang, Wang

Source title : 23rd International Conference on Electrical Machines and Systems, ICEMS 2020

10. Accession number: 20210309781831

Title: Improved Sliding-mode Observer for Sensorless Control of High Speed Permanent Magnet Synchronous Motor

Authors: Jin, Shi ; Wang, Bo ; Zhang, Yan ; Liu, Shuai ; Jin, Wuhen

Source title : 23rd International Conference on Electrical Machines and Systems, ICEMS 2020

11. Accession number: 20210909979883

Title: Research on equivalent circuit of bearing current discharge based on carbon nanotubes

Authors: Hu, Jiaming ; Bai, Baodong ; Chen, Dezhi

Source title: 2020 IEEE MTT-S International Conference on Numerical Electromagnetic and Multiphysics Modeling and Optimization, NEMO 2020

12. Accession number: 20210309779689

Title: Permanent Magnet Torque Motor with Unequal Teeth Mix Material

Authors: Dong, Ting ; Fu, Rcnjie ; Zhang, Bo ; Bai, Yansheng

Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020

13. Accession number: 20210309781974

Title: Predictive Direct Power Control Strategy for Dual-stator Brushless Doubly-Fed Wind Power Generator

Authors: Jin, Shi ; Liu, Xiangyang ; Cao, Meng

Source title : 23rd International Conference on Electrical Machines and Systems, ICEMS 2020

14. Accession number: 20210309779504

Title: Analytical Model of Magnetic Field for Multi-Phase SPMSM and Fault Tolerance Analysis under Fault State

Authors: Yu, Zhanyang ; Jing, Yongteng ; Du, Jianmin ; Wang, Zicheng ; Li, Yan

Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020

15. Accession number: 20210309779246

Title: Analytical Calculation of Rotor Eddy Current Loss of High Speed Permanent Magnet Machines with Shielding Layer

- Authors:** Li, Yan ; Wang, Zicheng ; Jing, Yongteng ; Du, Jianmin ; Yu, Zhanyang
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 16. Accession number:** 20210309784517
Title: Research on Methods of Suppressing Three-Phase Unbalanced Overvoltage in Distribution Network by Substation Photovoltaic System
Authors: Wang, Ting ; Li, Guanhua ; Han, Honggang ; Chen, Haoran ; Yan, Zheng ; Chen, Weidong
Source title : 7th IEEE International Conference on High Voltage Engineering and Application, ICHVE 2020 - Proceedings
- 17. Accession number:** 20210309779315
Title: Method for Balancing Short Circuit Impedance of Multi-Split Rectifier Transformer
Authors: Guo, Hao ; Hou, Bingbing ; Jing, Yongteng ; Li, Yan
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 18. Accession number:** 20210309779676
Title: Characterization of Radial Electromagnetic Force and Vibration Response in Squirrel-cage Induction Motor under PWM Supply
Authors: Du, Jianmin ; Li, Yan ; Yu, Zhanyang ; Wang, Zicheng
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 19. Accession number:** 20210309779684
Title: Research on Electromagnetic Vibration Response of Squirrel-cage Induction Motor Based on Multi-section Method
Authors: Du, Jianmin ; Li, Yan ; Yu, Zhanyang ; Wang, Zicheng
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 20. Accession number:** 20210309779505
Title: Research on Power Generation and Electric Characteristics of Vehicle Hybrid
Authors: Li, Yan ; Yu, Zhanyang ; Meng, Heng ; Wang, Jin ; Jing, Yongteng
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 21. Accession number:** 20210809955805
Title: Data-Based H^∞ Tracking Control for Time-Delay Systems Via Adaptive Dynamic Programming
Authors: Liu, Yang ; Xing, Zuoxia ; Zhao, Lijun ; Li, Li ; Xu, Jian ; Fu, Qitong
Source title: Proceedings - 2020 Chinese Automation Congress, CAC 2020
- 22. Accession number:** 20210910007947
Title: Optimization Design and Analysis of Pore Ratio Structure of Solid Electric Heat Storage Body Applied to Intelligent Park Heating
Authors: Yu, Changle ; Su, Jian ; Zhu, Yuanda ; Yang, Lin ; Yi, Yongfei ; Xing, Zuoxia
Source title: 2020 10th International Conference on Power and Energy Systems, ICPEs 2020

- 23. Accession number:** 20210309779310
Title: Multi-Physical Field Simulation of Winding Vibration Characteristics of Dry-Type Transformer
Authors: Zou, Dexu ; Qian, Guochao ; Zhang, Xuejuan ; Jing, Yongteng
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 24. Accession number:** 20210309779673
Title: Winding Magnetic Field and Short Circuit Strength Calculation of 40000KVA Power Transformer
Authors: Zou, Dexu ; Qian, Guochao ; Ao, Zhining ; Jing, Yongteng
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 25. Accession number:** 20210910007906
Title: Design of the Transmission Line Inspection System Based on UAV
Authors: Yu, Changle ; Qu, Boyang ; Zhu, Yuanda ; Ji, Yanchen ; Zhao, Hongbo ; Xing, Zuoxia
Source title: 2020 10th International Conference on Power and Energy Systems, ICPES 2020
- 26. Accession number:** 20210309784938
Title: Numerical Computation on Cold Dielectric Recovery Characteristics in High Voltage SF6 Circuit Breaker
Authors: Wei, Min ; Lin, Xin ; Zhong, Jianying ; Xu, Jianyuan ; Yao, Yongqi ; Zhang, Jia ; Han, Guohui ; Song, Yu
Source title : 7th IEEE International Conference on High Voltage Engineering and Application, ICHVE 2020 - Proceedings
- 27. Accession number:** 20210309785221
Title: Numerical Calculation and Analysis of Fluid Characteristics of Gas Chamber Environmental Protection Type 1100kV GIL HSGS during Breaking Process
Authors: Liu, Shi ; Lin, Xin ; Duan, Xiaohui ; Yao, Yongqi ; Tan, Shengwu ; Zhang, Jia ; Geng, Zhenxin
Source title : 7th IEEE International Conference on High Voltage Engineering and Application, ICHVE 2020 - Proceedings
- 28. Accession number:** 20210910002333
Title: Research on optimal allocation method of energy storage considering supply and demand flexibility and new energy consumption
Authors: Yang, Libin ; Cai, Yi ; Qiao, Yanzhe ; Yan, Ning ; Ma, Shaohua
Source title: 2020 IEEE 4th Conference on Energy Internet and Energy System Integration: Connecting the Grids Towards a Low-Carbon High-Efficiency Energy System, EI2 2020
- 29. Accession number:** 20210309779029
Title: A PVDF piezoelectric film sensor for measuring transformer short-circuit force
Authors: Meng, Tiannan ; Hou, Bingbing ; Zhang, Xuejuan ; Jing, Yongteng ; Li, Yan
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020

- 30. Accession number:** 20210309781865
Title: Magnetic and Noise Characteristic in Joints Regions of Transformer Lamination Cores with Magnetorheological Materials
Authors: Zhang, Yifeng ; Zhang, Yanli ; Zhang, Dianhai ; Xia, Bin ; Koh, Chang Seop
Source title : 23rd International Conference on Electrical Machines and Systems, ICEMS 2020
- 31. Accession number:** 20210309782036
Title: Analysis of Rotational Hysteresis Property in a Transformer Core Based on an Inverse Jiles-Atherton Hysteresis Model Coupled with Finite Element Method
Authors: Li, Juan ; Zhang, Yanli ; Zhang, Dianhai ; Ren, Ziyang ; Seop Koh, Chang
Source title : 23rd International Conference on Electrical Machines and Systems, ICEMS 2020
- 32. Accession number:** 20210309781948
Title: Study on the Vibration and Noise of PMSM by Considering the Vector Magnetostrictive Property in a Non-Oriented Silicon Steel Sheet
Authors: Li, Daiyan ; Zhang, Yanli ; Li, Mengxing ; Zhang, Dianhai ; Koh, Chang Seop
Source title : 23rd International Conference on Electrical Machines and Systems, ICEMS 2020
- 33. Accession number:** 20210309779451
Title: Simulated Analysis and Experimental Study of Winding Leakage Magnetic Field in Short Circuit of Three-Phase Three-Column Dry-Type Transformer
Authors: Li, Yan ; Du, Jian ; Jing, Yongteng ; Zou, Dexu
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 34. Accession number:** 20210309779241
Title: Assessment Method of Power Transformer Winding Damage under Short-Circuit Conditions Based on Machine Learning
Authors: Zhang, Bo ; Zhang, Wei ; Dong, Ting ; Wang, Huan ; Li, Pu
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 35. Accession number:** 20210309785009
Title: Research on Breakdown Properties of Hot SF₆/N₂ Gas Mixture
Authors: Zhang, Bo ; Lin, Xin ; Wang, Zhigang ; Zhang, Jia ; Zhong, Jianying ; Geng, Zhenxin ; Ma, Fengxiang
Source title : 7th IEEE International Conference on High Voltage Engineering and Application, ICHVE 2020 - Proceedings
- 36. Accession number:** 20210709921301
Title: The influence of gas pressure and voltage on surface charge behavior of basin type insulator
Authors: Du, Wei ; Zhao, Zikun ; Li, Xiaolong ; Cao, Chen
Source title: 2020 IEEE 1st China International Youth Conference on Electrical Engineering, CIYCEE 2020

- 37. Accession number:** 20210309784946
Title: Study on Discharge Decomposition Characteristics of Environmental-friendly Insulating Medium C5F10O
Authors: Zhang, Ranzhi ; Lin, Xin ; Zhong, Jianying ; Xu, Jianyuan ; Yao, Yongqi ; Zhang, Jia ; Han, Guohui ; Ma, Fengxaing
Source title : 7th IEEE International Conference on High Voltage Engineering and Application, ICHVE 2020 - Proceedings
- 38. Accession number:** 20210309785234
Title: Analysis of Thermal Decomposition Characteristics of C5F10O/CO2 Mixed Insulation Medium
Authors: Cui, Zhaoxuan ; Lin, Xin ; Xu, Jianyuan ; Zhong, Jianying ; Ma, Fengxiang ; Zhang, Youpeng ; Zhang, Jia ; Yao, Yongqi
Source title : 7th IEEE International Conference on High Voltage Engineering and Application, ICHVE 2020 - Proceedings
- 39. Accession number:** 20211210100168
Title: Research on Anti-interference Algorithm Based on FFT-Wavelet Threshold
Authors: Wei, Defu ; Cui, Juyong ; Niu, Li ; Zhang, Runqi ; Hou, Chunguang
Source title : Proceedings - 2020 7th International Forum on Electrical Engineering and Automation, IFEEA 2020
- 40. Accession number:** 20210309779678
Title: Economic Dispatch of Distribution Network with Distributed Energy Storage and PV Power Stations
Authors: Li, Xiangjun ; Wang, Lijun ; Yan, Ning ; Ma, Rui
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 41. Accession number:** 20210309779560
Title: Analytical Calculation for Two Layers PMSRM based on Equivalent Magnetic Network Method
Authors: Zhang, Jialin ; Wang, Jin ; Yu, Zhanyang ; Li, Yan
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 42. Accession number:** 20210709921376
Title: Simulation of three-dimensional temperature distribution for GIL insulator based on FVM
Authors: Du, Wei ; Zhao, Zikun ; Li, Xiaolong ; Cao, Chen ; Wang, Wen
Source title: 2020 IEEE 1st China International Youth Conference on Electrical Engineering, CIYCEE 2020
- 43. Accession number:** 20210309779033
Title: Neutral Point Potential Balance Method of NPC Three-level Converter Combining Modulation Factor and Vector Selection
Authors: Mu, Yongqiang ; Guo, Shangmin ; Zhu, Hongbo ; Gao, Jing ; Liu, Yutong ; Ning, Yan ; Zhao, Haichuan
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020

- 44. Accession number:** 20210309779599
Title: Development of Inverter Control System Based on MBD
Authors: Hou, Bingbing ; Guo, Hao ; Jing, Yongteng ; Li, Yan ; Teng, Yun
Source title : 2020 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2020
- 45. Accession number:** 20210309784684
Title: Electric Field Distribution in SF6 Gas of Converter Transformer Bushing under Complex Voltages
Authors: Jia, Junran ; Xu, Jianyuan ; Wen, Zheng ; Lin, Xin ; Li, Xiaolong ; Wen, Miao ; An, Zefeng ; Li, Wenbo
Source title : 7th IEEE International Conference on High Voltage Engineering and Application, ICHVE 2020 - Proceedings

(三) 信息科学与工程学院 (15 篇)

- 1. Accession number:** 20211110060729
Title: Design of Capacitor-less LDO applied to Low Power Supply with High-precision Bandgap
Authors: Li, Sheng ; Xin, Xiaoning ; Jian, Ren ; Pang, Jinghang
Source title: Journal of Physics: Conference Series
- 2. Accession number:** 20211110060643
Title: An approach based on statistical features for extracting human actions from multivariate time series
Authors: Gui, Jun ; Qin, Zhaobo ; Jia, Danping ; Zhu, Jianguang
Source title: Journal of Physics: Conference Series
- 3. Accession number:** 20211110060785
Title: Research on Pneumatic Muscle Position Control Based on Adaptive Backstepping Sliding Mode
Authors: Jia, Danping ; Cao, Zhi
Source title: Journal of Physics: Conference Series
- 4. Accession number:** 20211110060641
Title: Application of the denoising technique based on improved FastICA algorithm in cross-correlation time delay estimation
Authors: Shi, Junhe ; Yan, Hua ; Wei, Yuankun
Source title: Journal of Physics: Conference Series
- 5. Accession number:** 20211110060561
Title: Reconstruction of complex temperature field based on improved Tikhonov regularization
Authors: Chen, Yutong ; Yan, Hua
Source title: Journal of Physics: Conference Series

6. **Accession number:** 20210809951554
Title: Review of Research on Prediction Algorithms of Bus Headway
Authors: Lian, Lian ; Shang, Jiashuo ; Zong, Xuejun
Source title : 2020 7th International Conference on Information, Cybernetics, and Computational Social Systems, ICCSS 2020
7. **Accession number:** 20211210102075
Title: Semi Nonnegative Matrix Factorization Recommendation Algorithm Based on Bayesian Probability Model
Authors: Jiang, Yan ; Xiong, Jian ; Lang, Xiaoyu
Source title : Proceedings - 2020 2nd International Conference on Machine Learning, Big Data and Business Intelligence, MLBDBI 2020
8. **Accession number:** 20210910009020
Title: Design of a single balanced diode mixer with low noise
Authors: Ren, Jian ; Guo, Guofa ; Li, Xiaodong ; Ding, Xu ; Chang, Jun ; Liu, Songrui
Source title: 2020 Asia Conference on Computers and Communications, ACCC 2020
9. **Accession number:** 20210809955402
Title: Autocorrelation Sequence Prediction Model Based on Reference Function Transformation: Taking Epidemic Prediction As An Example
Authors: Liu, Tingzhen ; Zhou, Tong ; Gao, Jin ; Li, Wei ; Ma, Yimin
Source title: Proceedings - 2020 Chinese Automation Congress, CAC 2020
10. **Accession number:** 20210409808749
Title: An NB-LDPC decoder Algorithm combined using channel information for Storage Application
Authors: Ren, Jian ; Ding, Xu ; Xin, Xiao-Ning ; Chen, Hua-Han
Source title : 2020 5th International Conference on Integrated Circuits and Microsystems, ICICM 2020
11. **Accession number:** 20211110074355
Title: A high-precision time-to-digital converter applied to CDC
Authors: Xin, Xiaoning ; Hu, Yifan ; Jian, R.E.N. ; Li, Yuxuan
Source title: Journal of Physics: Conference Series
12. **Accession number:** 20211110060592
Title: Research on improving ERT reconstruction precision based on combined algorithm
Authors: Li, Shihan ; Yan, Hua
Source title: Journal of Physics: Conference Series
13. **Accession number:** 20211110074417
Title: A 2.7GHz sub-sampling phase-locked loop circuit
Authors: Xin, Xiaoning ; Peng, Xu ; Jian, Ren ; Qiao, Wenhua
Source title: Journal of Physics: Conference Series
14. **Accession number:** 20211110060751
Title: Research on hot spot temperature monitoring technology of transformer winding
Authors: Jia, Danping ; Huangfu, Liying
Source title: Journal of Physics: Conference Series

15. Accession number: 20211110060618

Title: Research on Robotic Arm Movement Grasping System Based on MYO

Authors: Wei, Ye ; Jia, Danping

Source title: Journal of Physics: Conference Series

(四) 软件学院 (2 篇)

1. Accession number: 20211210102075

Title: Semi Nonnegative Matrix Factorization Recommendation Algorithm Based on Bayesian Probability Model

Authors: Jiang, Yan ; Xiong, Jian ; Lang, Xiaoyu

Source title: Proceedings - 2020 2nd International Conference on Machine Learning, Big Data and Business Intelligence, MLBDBI 2020

2. Accession number: 20211010025383

Title: TOP-R Keyword-Aware Community Search

Authors: Song, Xiaoxu ; Wang, Bin ; Sun, Jing ; Pu, Rong

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

(五) 其他: 未注明学院 (8 篇)

1. **Accession number:** 20211110067287
Title: Motion Behavior Recognition of Underwater Vehicle Based on YOLOv3 (Open Access)
Authors: Tang, Leisheng ; Hou, Jing ; Xu, Hongli ; Wu, Mengyan ; Xia, Xinyang ; Cui, Yifan
Source title: Journal of Physics: Conference Series
2. **Accession number:** 20210809937118
Title: Design of electromagnetic pulse crimping device
Authors: Yu, Changle ; Zhu, Yuanda ; Zhao, Hui ; Zhang, Su ; Li, Wenwen ; Tian, Yanfeng
Source title: Proceedings of SPIE - The International Society for Optical Engineering
3. **Accession number:** 20210809956075
Title: Dynamic Reactive Power Allocation Strategy for AC/DC System Based on Quantum Genetic Algorithm
Authors: Li, Yanchun ; Bai, Enming ; Xu, Jianyuan ; Liu, Jicheng ; Liu, Shaowu ; Ren, Puchun ; Yuan, Peng
Source title: Proceedings - 2020 Chinese Automation Congress, CAC 2020
4. **Accession number:** 20210109711987
Title: Risk-Aware Motion Control for Care Robots
Authors: Yang, Guang ; Wang, Shuoyu ; Yang, Junyou ; Shi, Peng
Source title: 2nd International Conference on Industrial Artificial Intelligence, IAI 2020
5. **Accession number:** 20210809955364
Title: Study on Unit Optimal Scheduling Considering the joint constraint of 'deep peak load regulation and coal consumption'
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