

**2021 年第三季度**  
**Ei Compendex 收录**  
**沈阳工业大学论文统计**

**沈阳工业大学图书馆学科服务组**

**2021 年 9 月**

## 统计说明

### 1、检索时间和统计方法：

- ① 检索时间段：从 2021 年 7 月 1 日至 2021 年 9 月 30 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author 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 年第三季度 Ei（JA）收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) Accession number:EI 论文收录编号

(2) Title:论文题目

(3) Authors:作者英文姓名

(4) Source title: 论文来源

(一) 机械工程学院 (18 篇)

1. **Accession number:** 20211110076370  
**Title:** Dynamic and stability analysis of a cantilever beam system excited by a non-ideal induction motor  
**Authors:** Jiang, Jiao ; Kong, Xiangxi ; Chen, Changzheng ; Zhang, Zhaogang  
**Source title:** Meccanica
2. **Accession number:** 20212410498739  
**Title:** Design and characteristic analysis of magnetostrictive bistable vibration harvester with displacement amplification mechanism  
**Authors:** Liu, Huifang ; Zhao, Luyao ; Chang, Yunlong ; Cong, Chen  
**Source title:** Energy Conversion and Management
3. **Accession number:** 20212510527395  
**Title:** A pL-fL grade micro-dispensing by pipetting needle glue liquid transfer (Open Access)  
**Authors:** Liu, Huifang ; Chen, Xi ; Sun, Xingwei ; Gao, Quanxiang ; Qiao, Kaiqing  
**Source title:** AIP Advances
4. **Accession number:** 20212510538961  
**Title:** Research on radial rotation error separation technology of machine tool spindle based on the improved genetic algorithm  
**Authors:** Yang, Heran ; Zhao, Tong ; Sun, Xingwei ; Dong, Zhixu ; Liu, Pengjun  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
5. **Accession number:** 20212510539111  
**Title:** Wind turbine blade defect depth detection based on three-dimensional heat conduction model  
**Authors:** Zhang, Xueyan ; Zhou, Bo ; Li, He  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
6. **Accession number:** 20212610571201  
**Title:** Rolling Bearing Fault Feature Extraction Method Based on Adaptive Enhanced Difference Product Morphological Filter (Open Access)  
**Authors:** Miao, Baoquan ; Chen, Changzheng ; Luo, Yuanqing ; Zhao, Siyu  
**Source title:** Jixie Gongcheng Xuebao/Journal of Mechanical Engineering
7. **Accession number:** 20212610571463  
**Title:** Prediction of the formation of carbide network on grain boundaries in carburizing of 18CrNiMo7-6 steel alloys  
**Authors:** An, Xiaoxue ; Tian, Yong ; Wang, Bin ; Jia, Tao ; Wang, Haojie ; Wang, Zhaodong  
**Source title:** Surface and Coatings Technology
8. **Accession number:** 20212710587864  
**Title:** Microstructure and Mechanical Properties of Laser Deposition Repair GH536/GH738 Alloy with Aging-Treatment  
**Authors:** Bian, Hongyou ; Zhai, Xingyue ; Zhu, Minghao ; Wang, Xia ; Wang, Wei ; Wang, Shijie  
**Source title:** Xiyou Jinshu/Chinese Journal of Rare Metals

- 9. Accession number:** 20212710591134  
**Title:** First-order approximate rigid-flexible coupled dynamics analysis of a simple aero-engine blade model with dynamic stiffening effect  
**Authors:** Wei, Zhe ; Li, Li ; Zhao, Fang  
**Source title:** Journal of Mechanical Science and Technology
- 10. Accession number:** 20212710595857  
**Title:** Fault diagnosis of rolling element bearings based on cascaded combination top-hat product filter and Teager energy spectrum  
**Authors:** Zhao, Siyu ; Chen, Changzheng ; Luo, Yuanqing ; Liang, Shuman ; Dong, Zhixu ; Kong, Xiangxi  
**Source title:** Measurement Science and Technology
- 11. Accession number:** 20212710596745  
**Title:** Recognizing drowsiness in young men during real driving based on electroencephalography using an end-to-end deep learning approach  
**Authors:** Chen, Jichi ; Wang, Shjie ; He, Enqiu ; Wang, Hong ; Wang, Lin  
**Source title:** Biomedical Signal Processing and Control
- 12. Accession number:** 20212710597710  
**Title:** Study on infrared detection edge enhancement of wind turbine blade defects based on differential morphology gradient  
**Authors:** Kang, Shuang ; Chen, Changzheng ; Luo, Yuanqing ; Zhou, Bo  
**Source title:** Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 13. Accession number:** 20212810608571  
**Title:** Biomimetic prosthetic hand enabled by liquid crystal elastomer tendons (Open Access)  
**Authors:** Lu, Haiqing ; Zou, Zhanan ; Wu, Xingli ; Shi, Chuanqian ; Liu, Yimeng ; Xiao, Jianliang  
**Source title:** Micromachines
- 14. Accession number:** 20212810620474  
**Title:** Fatigue life prediction for the main spar with wrinkle defects of a wind turbine blade  
**Authors:** Yu, Fangai ; Zhou, Bo ; Xin, Wen ; Zhang, Xueyan  
**Source title:** Fatigue and Fracture of Engineering Materials and Structures
- 15. Accession number:** 20212810622635  
**Title:** A study the mechanical properties and shock isolation performance of a magnetic preload shock isolator  
**Authors:** Zeng, Zecui ; Zhang, Lei ; Yan, Ming ; Zhang, Chunhui  
**Source title:** Zhendong yu Chongji/Journal of Vibration and Shock
- 16. Accession number:** 20212810627184  
**Title:** Analysis and calculation for air gap leakage and open circuit air gap flux density of disc motor  
**Authors:** Yu, Shen-Bo ; Jiang, Shuang ; Xia, Peng-Peng  
**Source title:** Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 17. Accession number:** 20213010666393  
**Title:** Effect of deep tempering on microstructure and hardness of carburized M50NiL steel (Open Access)

**Authors:** Su, Y. ; Wang, J.X. ; Yu, X.F. ; Wang, S.J. ; Xia, Y.Z. ; Liu, L. ; Liu, J.L.

**Source title:** Journal of Materials Research and Technology

**18. Accession number:** 20213110707175

**Title:** Early degradation detection of rolling bearing based on adaptive variational mode decomposition and envelope harmonic to noise ratio

**Authors:** Lü, Mingzhu ; Liu, Shixun ; Su, Xiaoming ; Chen, Changzheng

**Source title:** Zhendong yu Chongji/Journal of Vibration and Shock

(二) 材料科学与工程学院 (24 篇)

- 1. Accession number:** 20211410182659  
**Title:** Thermal energy storage phase change material cement mortar incorporated with clinical waste composites  
**Authors:** Afolabi, Lukmon Owolabi ; Elfaghi, Abdulhafid M ; Alomayri, Thamer ; Arogundade, Adiat I. ; Mahzan, Shahrudin ; Isa, Norasikin Mat ; Saw, Chun Lin ; Otitoju, Tunmise Ayode  
**Source title:** International Journal of Energy Research
- 2. Accession number:** 20211510184562  
**Title:** Influence of DC Current on Corrosion Behaviour of Copper - Aluminium Composite Plates  
**Authors:** Cheng, Yu-Lin ; Zuo, Xiao-Jiao ; Yuan, Xiao-Guang ; Huang, Hong-Jun ; Zhang, Yi-Fan  
**Source title:** Acta Metallurgica Sinica (English Letters)
- 3. Accession number:** 20211910319505  
**Title:** AlxCrFeNi medium entropy alloys with high damping capacity  
**Authors:** Wang, Hongding ; Zhang, Wei ; Gao, Peng ; Xiang, Qingchun ; Qu, Yingdong ; Cheng, Jingchan ; Ren, Yinglei ; Yu, Bo ; Qiu, Keqiang  
**Source title:** Journal of Alloys and Compounds
- 4. Accession number:** 20212210416203  
**Title:** Ni Foam Substrates Modified with a ZnCo<sub>2</sub>O<sub>4</sub>Nanowire-Coated Ni(OH)<sub>2</sub>Nanosheet Electrode for Hybrid Capacitors and Electrocatalysts  
**Authors:** Dai, Meizhen ; Liu, Hengqi ; Zhao, Depeng ; Zhu, Xiaofei ; Umar, Ahmad ; Algarni, Hamed ; Wu, Xiang  
**Source title:** ACS Applied Nano Materials
- 5. Accession number:** 20212410499589  
**Title:** Novel simultaneous anaerobic ammonium and sulfate removal process: A review  
**Authors:** Madani, Rayan Mohammed ; Liang, Jiyan ; Cui, Li ; Zhang, Dandan ; Otitoju, Tunmise Ayode ; Elsalahi, Randa H. ; Song, Xiaoxiong  
**Source title:** Environmental Technology and Innovation
- 6. Accession number:** 20212410501996  
**Title:** Iron doped cobalt fluoride derived from CoFe layered double hydroxide for efficient oxygen evolution reaction  
**Authors:** Li, Meng ; Gu, Ying ; Chang, Yajun ; Gu, Xiacong ; Tian, Jingqi ; Wu, Xiang ; Feng, Ligang  
**Source title:** Chemical Engineering Journal
- 7. Accession number:** 20212410510260  
**Title:** Influence of pre-twinning on high strain rate compressive behavior of AZ31 Mg alloy rolling sheet  
**Authors:** Liu, Xiao-Lin ; Mao, Ping-Li ; Wang, Rui-Feng ; Wang, Zhi ; Zhou, Le ; Liu, Zheng ; Wang, Feng  
**Source title:** Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals
- 8. Accession number:** 20212410514271



**Title:** Enhancement of thermal shock resistance in  $\beta$ -Si<sub>3</sub>N<sub>4</sub> coating with in situ synthesized  $\beta$ -Si<sub>3</sub>N<sub>4</sub> nanowires/nanobelts on porous Si<sub>3</sub>N<sub>4</sub> ceramics

**Authors:** Wang, Chao ; Wang, Xu ; Wang, Binglei ; Xiao, Guozheng ; Qiao, Ruiqing ; Zhang, Fan ; Bai, Yu ; Li, Yizhuo ; Wu, Yusheng ; Wang, Zhanjie ; Wang, Hongjie

**Source title:** Ceramics International

**9. Accession number:** 20212510535157

**Title:** Investigation of the structural stability, mechanical, and thermodynamic properties of Hf<sub>5</sub>BSi<sub>3</sub> silicide with vacancies defects

**Authors:** Dong, Tianhui ; Zhang, Xudong ; Yang, Linmei ; Wang, Feng

**Source title:** Vacuum

**10. Accession number:** 20212510535863

**Title:** Fatigue-creep interaction performance of Incoloy 825 nickel-based superalloy at 650 ° C

**Authors:** Huo, X. ; Li, F. ; Zhu, Q. ; Chen, L. ; Wang, B.

**Source title:** Materialwissenschaft und Werkstofftechnik

**11. Accession number:** 20212510539480

**Title:** Experimental investigation and simulation assessment on fluidity and hot tearing of Mg-Zn-Cu system alloys

**Authors:** Zhou, Ye ; Mao, Pingli ; Wang, Zhi ; Zhou, Le ; Wang, Feng ; Liu, Zheng

**Source title:** Journal of Materials Processing Technology

**12. Accession number:** 20212610550668

**Title:** Dual Anti-Sintering Mechanism of Highly Stable CaO-Based Sorbent and Enhanced Kinetics

**Authors:** Li, Mingchun ; Yu, Fuyuan ; Ren, Long ; Li, Laishi ; Wu, Yusheng

**Source title:** Chemical Engineering and Technology

**13. Accession number:** 20212610556346

**Title:** A comparison on microstructure features of 24CrNiMo low alloy steel prepared by selective laser melting and laser melting deposition

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

**Source title:** Vacuum

**14. Accession number:** 20212610562219

**Title:** Creep behavior and effect factors of 6%Re/5%Ru single crystal nickel-based superalloy at ultra-high temperature

**Authors:** Zhao, Guo-Qi ; Tian, Su-Gui ; Liu, Li-Rong ; Tian, Ning

**Source title:** Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals

**15. Accession number:** 20212610570711

**Title:** Sliding Wear Behavior of Aluminum Matrix Composites Hybrid Reinforced by SiCp and Spherical Graphite Particles

**Authors:** Jin, Yanwen ; Qu, Yanping ; Wang, Dong ; Xiao, Bolu ; Wang, Quanzhao ; Ni, Dingrui ; Ma, Zongyi

**Source title:** Moxaxue Xuebao/Tribology

**16. Accession number:** 20212610572080

**Title:** Impact of surface gradient structures on mechanical properties of a dual-phase AlCrFe<sub>2</sub>(Ni<sub>0.85</sub>Co<sub>0.15</sub>)<sub>2</sub> multi-component eutectic alloy

- Authors:** Cheng, Q. ; Fang, T.H. ; Xie, P. ; Zhao, Y. ; You, J.H. ; Xu, X.D.  
**Source title:** Journal of Alloys and Compounds
- 17. Accession number:** 20212610574829  
**Title:** First-principles study of the lattice vibration, elastic anisotropy and thermodynamical properties of Tantalum Silicide with the different crystal structures  
**Authors:** Ma, He ; Zhang, Xudong ; Wang, Feng  
**Source title:** Vacuum
- 18. Accession number:** 20212810610311  
**Title:** Effect of stress on precipitated phases in DD5 single crystal superalloy during stress rupture tests  
**Authors:** Lv, Peisen ; Gao, Qiang ; Li, Changjin ; Liu, Lirong ; Zhang, Mingjun ; Peng, Zhijiang  
**Source title:** Hangkong Xuebao/Acta Aeronautica et Astronautica Sinica
- 19. Accession number:** 20212910646059  
**Title:** PEDOT decorated CoNi<sub>2</sub>S<sub>4</sub> nanosheets electrode as bifunctional electrocatalyst for enhanced electrocatalysis  
**Authors:** Liu, Hengqi ; Zhao, Depeng ; Dai, Meizhen ; Zhu, Xiaofei ; Qu, Fengyu ; Umar, Ahmad ; Wu, Xiang  
**Source title:** Chemical Engineering Journal
- 20. Accession number:** 20212910654592  
**Title:** Effects of Tantalum on the microstructure and properties of Ti-48Al-2Cr-2Nb alloy fabricated via laser additive manufacturing  
**Authors:** Liu, Zhanqi ; Wang, Chenyang ; Wang, Wenbo ; Xu, Guojian ; Liu, Xiangyu  
**Source title:** Materials Characterization
- 21. Accession number:** 20213010669703  
**Title:** Rapid secondary recrystallization of the goss texture in Fe<sub>81</sub> Ga<sub>19</sub> sheets using nanosized Nb particles (Open Access)  
**Authors:** Lei, Fan ; Sha, Yuhui ; He, Zhenghua ; Zhang, Fang ; Zuo, Liang  
**Source title:** Materials
- 22. Accession number:** 20213110696580  
**Title:** An insight into the initial Coulombic efficiency of carbon-based anode materials for potassium-ion batteries  
**Authors:** Wang, Bo ; Zhang, Zeyu ; Yuan, Fei ; Zhang, Di ; Wang, Qiujun ; Li, Wen ; Li, Zhaojin ; Wu, Yimin A. ; Wang, Wei  
**Source title:** Chemical Engineering Journal
- 23. Accession number:** 20213110707991  
**Title:** Study on hot deformation behavior and strengthening mechanism of Inconel 625 deposited metal at high temperature  
**Authors:** Su, Yunhai ; Dai, Zhiyong ; Yang, Taisen ; Wang, Yingdi ; Liang, Xuewei ; Wu, Xinggang  
**Source title:** Journal of Materials Science
- 24. Accession number:** 20213210736010  
**Title:** Microstructural characteristics and subsequent softening mechanical response in transverse direction of wrought AZ31 with elevated compression temperature (Open Access)

**Authors:** Yang, Mengmeng ; Zhang, Feng ; Yu, Wei ; Bai, Yikui ; Liu, Zheng

**Source title:** Materials

(三) 电气工程学院 (33 篇)

1. **Accession number:** 20210209757907  
**Title:** Fault early warning of wind turbine gearbox based on multi-input support vector regression and improved ant lion optimization  
**Authors:** Yang, Yanjun ; Liu, Aimin ; Xin, Hongwei ; Wang, Jianguo  
**Source title:** Wind Energy
2. **Accession number:** 20210709909683  
**Title:** A Novel Modular Permanent Magnet-Assisted Synchronous Reluctance Motor (Open Access)  
**Authors:** Liu, Zeyu ; Hu, Yan ; Wu, Jiacheng ; Zhang, Bingyi ; Feng, Guihong  
**Source title:** IEEE Access
3. **Accession number:** 20211010028775  
**Title:** Urban waste disposal capacity and its energy supply performance optimal model based on multi-energy system coordinated operation (Open Access)  
**Authors:** Wang, Zedi ; Teng, Yun ; Jin, Hongyang ; Chen, Zhe  
**Source title:** IEEE Access
4. **Accession number:** 20211110087307  
**Title:** Novel rotor design of dual-stator brushless doubly fed generator based on surrogate model (Open Access)  
**Authors:** Wang, Hao ; Zhang, Yue ; Jin, Shi ; Wang, Huijun ; Zhang, Fengge  
**Source title:** IET Renewable Power Generation
5. **Accession number:** 20211610233290  
**Title:** An Improved Core Loss Model of Ferromagnetic Materials Considering High-Frequency and Nonsinusoidal Supply  
**Authors:** Zhao, Haisen ; Eldeeb, Hassan H. ; Zhang, Yanli ; Zhang, Dongdong ; Zhan, Yang ; Xu, Guorui ; Mohammed, Osama A.  
**Source title:** IEEE Transactions on Industry Applications
6. **Accession number:** 20211710264059  
**Title:** Stockwell-transform and random-forest based double-terminal fault diagnosis method for offshore wind farm transmission line (Open Access)  
**Authors:** Wang, Xiaodong ; Gao, Xing ; Liu, Yingming ; Wang, Yonghao  
**Source title:** IET Renewable Power Generation
7. **Accession number:** 20212210425694  
**Title:** Magnetic and thermodynamic properties of center decorated hexagon and tetragon structures  
**Authors:** Hu, Jin-Qiu ; Si, Nan ; Jiang, Wei ; Meng, Jing ; Zhang, Yan-Li  
**Source title:** Physics Letters, Section A: General, Atomic and Solid State Physics
8. **Accession number:** 20212310451992  
**Title:** Robust coordinated optimization for multi-energy systems based on multiple thermal inertia numerical simulation and uncertainty analysis  
**Authors:** Sun, Peng ; Teng, Yun ; Chen, Zhe  
**Source title:** Applied Energy
9. **Accession number:** 20212310478046

- Title:** Magnetic and thermodynamic properties of monolayer graphdiyne-like  
**Authors:** Si, Nan ; Zhang, Yan-Li ; Jiang, Wei  
**Source title:** Computational Materials Science
- 10. Accession number:** 20212410504376  
**Title:** Active power distribution method for wind farm cluster based on cluster analysis  
**Authors:** Liu, Yingming ; Zhao, Zhe ; Wang, Xiaodong ; Wang, Yingwei  
**Source title:** Taiyangneng Xuebao/Acta Energiae Solaris Sinica
- 11. Accession number:** 20212410509999  
**Title:** A Sustainable Development Multi-energy System Planning Method Incorporating the Demand of Waste Disposal and Peak Shaving  
**Authors:** Wang, Zedi ; Teng, Yun ; Hui, Qian ; Chen, Zhe  
**Source title:** Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
- 12. Accession number:** 20212510515891  
**Title:** Influence of Pole and Slot Combination on Torque Characteristics and Radial Force of Fractional Slot Permanent Magnet Machines  
**Authors:** Zhang, Jiaxu ; Zhang, Bingyi ; Feng, Guihong  
**Source title:** IEEJ Transactions on Electrical and Electronic Engineering
- 13. Accession number:** 20212610561983  
**Title:** Sampled observer-based adaptive decentralized control for strict-feedback interconnected nonlinear systems  
**Authors:** Guo, Hai-Yu ; Zhang, Xiao-Guang  
**Source title:** Journal of the Franklin Institute
- 14. Accession number:** 20212610568590  
**Title:** Wind/Thermal Power Combined Frequency Control Strategy Based on Virtual Weight Coefficient  
**Authors:** Wang, Chao ; Xu, Jianyuan ; Bai, Enming ; Wang, Liang ; Jing, Lantao  
**Source title:** Integrated Ferroelectrics
- 15. Accession number:** 20212610571131  
**Title:** Feedback linearization control of permanent magnet linear synchronous motor based on adaptive fuzzy controller and nonlinear disturbance observer  
**Authors:** Zhao, Xi-Mei ; Wang, Hao-Lin ; Zhu, Wen-Bin  
**Source title:** Kongzhi Lilun Yu Yingyong/Control Theory and Applications
- 16. Accession number:** 20212710578326  
**Title:** Optimal schedule of solid electric thermal storage considering consumer behavior characteristics in combined electricity and heat networks  
**Authors:** Ji, Huichao ; Wang, Haixin ; Yang, Junyou ; Feng, Jiawei ; Yang, Yongyue ; Okoye, Martin Onyeka  
**Source title:** Energy
- 17. Accession number:** 20212710582713  
**Title:** Robust fault-detection based on residual K - L divergence for wind turbines  
**Authors:** Zhang, Yuxian ; Wang, Kefeng ; Qian, Xiaoyi ; Gendeel, Mohammed  
**Source title:** IET Renewable Power Generation
- 18. Accession number:** 20212710584949

**Title:** A locational Marginal Price-Based Partition Optimal Economic Dispatch Model of Multi-Energy Systems

**Authors:** Jin, Hongyang ; Teng, Yun ; Zhang, Tieyan ; Wang, Zedi ; Deng, Bofu

**Source title:** Frontiers in Energy Research

**19. Accession number:** 20212710587773

**Title:** Measurement and Modelling of Local Deformation Caused by Magnetism in the Single-phase Transformer Core Experimental Model Under DC Bias

**Authors:** Wang, Zhen ; Zhang, Yanli ; Zhang, Dianhai ; Ren, Ziyang ; Xie, Dexin ; Bai, Baodong

**Source title:** Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering

**20. Accession number:** 20212710596653

**Title:** Hybrid intelligent prediction algorithm of ultra-short-term wind power based on multi-decomposition strategy and error correction

**Authors:** Wang, Xiaodong ; Miao, Yizhi ; Liu, Yingming ; Zhang, Yilong

**Source title:** Taiyangneng Xuebao/Acta Energetica Solaris Sinica

**21. Accession number:** 20212710596976

**Title:** Magnetic behaviors of a ferrimagnetic decorated kagome-like lattice under an external magnetic field

**Authors:** Wang, Xu ; Lv, Dan ; Sun, Lei ; Wang, Wei ; Tu, Xu-hang ; Ma, Zheng-hao

**Source title:** Journal of Magnetism and Magnetic Materials

**22. Accession number:** 20212810613213

**Title:** Effect of time harmonic current considering load condition on performance of canned induction motor

**Authors:** Li, Ming ; An, Yuejun ; Zhang, Zhiheng ; Deng, Wenyu ; Wang, Guangyu ; Qi, Lijun ; Kong, Xiangling ; Bi, Delong ; Shi, Yong ; Zhu, Sheng

**Source title:** International Journal of Applied Electromagnetics and Mechanics

**23. Accession number:** 20212810614660

**Title:** Multi-objective robust optimization of multi-energy microgrid with waste treatment

**Authors:** Sun, Peng ; Yun, Teng ; Chen, Zhe

**Source title:** Renewable Energy

**24. Accession number:** 20212810629366

**Title:** Switching arc inversion based on analysis of electromagnetic characteristics (Open Access)

**Authors:** Zhao, Hongchen ; Liu, Xiaoming ; Wang, Gang

**Source title:** Results in Engineering

**25. Accession number:** 20212810636669

**Title:** Inductance test method of permanent magnet synchronous reluctance motor for electric vehicle

**Authors:** Wang, Shi-Wei ; Han, Xue-Yan ; Li, Hong-Hao

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

**26. Accession number:** 20212910651011

**Title:** Study on the Application of Fluid Arc Model in Disconnecter

**Authors:** Hao, Sha ; Xu, Jianyuan ; Lin, Xin

- Source title:** Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 27. Accession number:** 20212910653855  
**Title:** Modeling and optimization of combined heat and power with power-to-gas and carbon capture system in integrated energy system  
**Authors:** Ma, Yiming ; Wang, Haixin ; Hong, Feng ; Yang, Junyou ; Chen, Zhe ; Cui, Haoqian ; Feng, Jiawei  
**Source title:** Energy
- 28. Accession number:** 20213010669037  
**Title:** Dynamic Equivalence Modeling for Microgrid Cluster by Using Physical-Data-Driven Method  
**Authors:** Li, Yunlu ; Wang, Zizhao ; Yang, Junyou ; Wang, Xian ; Feng, Jiawei  
**Source title:** IEEE Transactions on Applied Superconductivity
- 29. Accession number:** 20213010669621  
**Title:** High-Frequency Hubs of the Ictal Cross-Frequency Coupling Network Predict Surgical Outcome in Epilepsy Patients (Open Access)  
**Authors:** Li, Chunsheng ; Sohrabpour, Abbas ; Jiang, Haiteng ; He, Bin  
**Source title:** IEEE Transactions on Neural Systems and Rehabilitation Engineering
- 30. Accession number:** 20213010675094  
**Title:** Research on Radial Electromagnetic Force and Vibration Response Characteristics of Squirrel-Cage Induction Motor Fed by PWM Inverter  
**Authors:** Du, Jianmin ; Li, Yan ; Yu, Zhanyang ; Wang, Zicheng  
**Source title:** IEEE Transactions on Applied Superconductivity
- 31. Accession number:** 20213010675699  
**Title:** Research on Measurement of Transformer Short-Circuit Force Using Piezoelectric Thin Film Polyvinylidene Fluoride Sensor  
**Authors:** Li, Yan ; Meng, Tiannan ; Hou, Bingbing ; Zhang, Xuejuan ; Jing, Yongteng  
**Source title:** IEEE Transactions on Applied Superconductivity
- 32. Accession number:** 20213110703190  
**Title:** Design and Analysis of Modular Permanent Magnet Fault-Tolerant Motor for Ship Direct-Drive Propulsion  
**Authors:** Gan, Baoping ; Zhang, Bingyi ; Feng, Guihong  
**Source title:** IEEE Transactions on Electrical and Electronic Engineering
- 33. Accession number:** 20213110721857  
**Title:** Magnetic and thermodynamic characteristics of edge-modified graphyne  
**Authors:** Shi, Kai-Le ; Jiang, Wei ; Qin, Wei-Fan ; Meng, Jing ; Zhang, Feng-Ge  
**Source title:** Physica E: Low-Dimensional Systems and Nanostructures

(四) 信息科学与工程学院 (9 篇)

1. **Accession number:** 20212310473455  
**Title:** Online Resource Auction for EAVN with Non-Price Attributes  
**Authors:** Peng, Xiting ; Ota, Kaoru ; Dong, Mianxiong ; Zhou, Huan  
**Source title:** IEEE Transactions on Vehicular Technology
2. **Accession number:** 20212310474032  
**Title:** Quantitative Study of MMM Signal Features for Internal Weld Crack Detection in Long-Distance Oil and Gas Pipelines  
**Authors:** Liu, Bin ; Feng, Gang ; He, Luyao ; Luo, Ning ; Ren, Jian ; Yang, Lijian  
**Source title:** IEEE Transactions on Instrumentation and Measurement
3. **Accession number:** 20212910648713  
**Title:** Effect of cooling method on formability of laser cladding in718 alloy (Open Access)  
**Authors:** Yang, Jianyu ; Li, Xudong ; Li, Fei ; Wang, Wenxiao ; Li, Zhijie ; Li, Guanchao ; Xie, Hualong  
**Source title:** Materials
4. **Accession number:** 20213010665147  
**Title:** Optical adaptive power transmission using APC-EDFA for turbulence-tolerant FSO communications (Open Access)  
**Authors:** Hong, Yan-Qing ; Li, Gang ; Liu, Zhen-Yu  
**Source title:** Optics Express
5. **Accession number:** 20213010666809  
**Title:** Research on identification of adhesion state of pipeline coating based on material parameters  
**Authors:** Lyu, Ruihong ; Yang, Jiayi ; Zhang, Haoyu ; Zhao, Yiwei  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
6. **Accession number:** 20213110695952  
**Title:** A Novel Packaging Structure and Process for High Temperature Silicon Piezoresistive Pressure Sensor (Open Access)  
**Authors:** Li, Xin ; Liang, Xiuxiu ; Liu, Qin ; Wu, Peishan ; Liu, Bo  
**Source title:** Journal of Engineering Science and Technology Review
7. **Accession number:** 20213210724102  
**Title:** Co2 laser machining of microchannels into poly(methyl methacrylate) (pmma) substrates to fabricate concentration gradient generators  
**Authors:** Mu, Y.-Z. ; Wang, S.-X. ; Lv, R.-H. ; Hou, C.-M. ; Huang, Y.-S. ; Tian, Z. ; Jiang, D.-W. ; Chen, X.-Y.  
**Source title:** Lasers in Engineering
8. **Accession number:** 20213210724277  
**Title:** Decreasing surface roughness of microchannels co2laser cut into polystyrene (ps) to produce microfluidic chips by optimizing operating parameters  
**Authors:** Hou, C.-M. ; Wang, S.-X. ; Lv, R.-H. ; Huang, Y.-S. ; Tian, Z. ; Mu, Y.-Z. ; Chen, X.-Y.  
**Source title:** Lasers in Engineering



9. **Accession number:** 20213210726942  
**Title:** LSTM-based Fault Prediction Model of Semiconductor Device under Thermal Stress  
**Authors:** Zhang, Mingyu ; Wang, Qi ; Yu, Yang  
**Source title:** Binggong Xuebao/Acta Armamentarii

(五) 管理学院 (3 篇)

1. **Accession number:** 20210309768640  
**Title:** Design of link prediction algorithm for complex network based on the comprehensive influence of predicting nodes and neighbor nodes  
**Authors:** Wang, Yang ; Wang, Jifa  
**Source title:** Journal of Forecasting
2. **Accession number:** 20211410180920  
**Title:** Technology sharing game from ecological perspective (Open Access)  
**Authors:** Zou, Hua ; He, Deyu  
**Source title:** Applied Mathematics and Nonlinear Sciences
3. **Accession number:** 20213110712538  
**Title:** Parameter Estimation of the Lotka-Volterra Model with Fractional Order Based on the Modulation Function and Its Application (Open Access)  
**Authors:** Hao, Ying ; Guo, Mingshun  
**Source title:** Mathematical Problems in Engineering

(六) 理学院 (8 篇)

1. **Accession number:** 20212510518750  
**Title:** A Portfolio Selection Model Based on the Interval Number (Open Access)  
**Authors:** Hu, Jiangshan ; Sui, Yunyun ; Ma, Fang  
**Source title:** Mathematical Problems in Engineering
2. **Accession number:** 20212510535157  
**Title:** Investigation of the structural stability, mechanical, and thermodynamic properties of Hf<sub>5</sub>BSi<sub>3</sub> silicide with vacancies defects  
**Authors:** Dong, Tianhui ; Zhang, Xudong ; Yang, Linmei ; Wang, Feng  
**Source title:** Vacuum
3. **Accession number:** 20212610574829  
**Title:** First-principles study of the lattice vibration, elastic anisotropy and thermodynamical properties of Tantalum Silicide with the different crystal structures  
**Authors:** Ma, He ; Zhang, Xudong ; Wang, Feng  
**Source title:** Vacuum
4. **Accession number:** 20212710596976  
**Title:** Magnetic behaviors of a ferrimagnetic decorated kagome-like lattice under an external magnetic field  
**Authors:** Wang, Xu ; Lv, Dan ; Sun, Lei ; Wang, Wei ; Tu, Xu-hang ; Ma, Zheng-hao  
**Source title:** Journal of Magnetism and Magnetic Materials
5. **Accession number:** 20212810617028  
**Title:** Event-triggered control of a class of cascade switched nonlinear systems  
**Authors:** Dong, Xiaoxiao ; Zhang, Xi ; Sun, Tao  
**Source title:** Nonlinear Dynamics
6. **Accession number:** 20212810621672  
**Title:** Thermodynamic properties and hysteresis loops in a hexagonal core-shell nanoparticle  
**Authors:** Wang, Si-yu ; Lv, Dan ; Liu, Zhen-yu ; Wang, Wei ; Bao, Jia ; Huang, Han  
**Source title:** Journal of Molecular Graphics and Modelling
7. **Accession number:** 20212910662846  
**Title:** Sliding-Mode Control for Fuzzy Stochastic Systems with Different Local-Input Matrices  
**Authors:** Wang, Ying Ying ; Zhang, Jian Yu ; Zhang, Hua Guang  
**Source title:** IEEE Transactions on Systems, Man, and Cybernetics: Systems
8. **Accession number:** 20213210738094  
**Title:** Thermodynamic properties of vapor complex Na<sub>2</sub>HfCl<sub>6</sub>  
**Authors:** Li, Jun-Li ; Yu, Jin ; Yang, Dong-Mei ; Wang, Zhi-Chang  
**Source title:** Chinese Journal of Chemical Physics

(七) 建筑与土木工程学院 (4 篇)

- 1. Accession number:** 20212510530389  
**Title:** Experimental study on behavior of steel timber columns under axial load  
**Authors:** Liu, Peng ; Qian, Zhe ; Wang, Hao-Ran ; Wang, Yuan-Qing  
**Source title:** Gongcheng Lixue/Engineering Mechanics
- 2. Accession number:** 20212510539111  
**Title:** Wind turbine blade defect depth detection based on three-dimensional heat conduction model  
**Authors:** Zhang, Xueyan ; Zhou, Bo ; Li, He  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 3. Accession number:** 20212610549579  
**Title:** Soil erosion process of platform-slope system of dump under heavy rain  
**Authors:** Lü, Gang ; Li, Yexin ; Ning, Baokuan ; Wei, Zhongping ; Wang, Daohan  
**Source title:** Meitan Xuebao/Journal of the China Coal Society
- 4. Accession number:** 20212810620474  
**Title:** Fatigue life prediction for the main spar with wrinkle defects of a wind turbine blade  
**Authors:** Yu, Fangai ; Zhou, Bo ; Xin, Wen ; Zhang, Xueyan  
**Source title:** Fatigue and Fracture of Engineering Materials and Structures

(八) 软件学院 (3 篇)

- 1. Accession number:** 20210209736222  
**Title:** Two Deep Learning Networks for Rail Surface Defect Inspection of Limited Samples with Line-Level Label  
**Authors:** Zhang, Defu ; Song, Kechen ; Wang, Qi ; He, Yu ; Wen, Xin ; Yan, Yunhui  
**Source title:** IEEE Transactions on Industrial Informatics
- 2. Accession number:** 20212410512041  
**Title:** Magnetization and magnetic phase diagrams of a spin-1/2 ferrimagnetic diamond chain at low temperature  
**Authors:** Cheng, Tai-Min ; Li, Mei-Lin ; Cheng, Zhi-Rui ; Yu, Guo-Liang ; Sun, Shu-Sheng ; Ge, Chong-Yuan ; Zhang, Xin-Xin  
**Source title:** Chinese Physics B
- 3. Accession number:** 20212810612426  
**Title:** Three-dimensional morphology and size measurement of high-temperature metal components based on machine vision technology: A review (Open Access)  
**Authors:** Wen, Xin ; Wang, Jingpeng ; Zhang, Guangyu ; Niu, Lianqiang  
**Source title:** Sensors

(九) 人工智能学院 (5 篇)

1. **Accession number:** 20211710257344  
**Title:** Global stabilization of switched nonlinear systems with vanishing control vector fields and its application  
**Authors:** Xie, Jing ; Yang, Dong  
**Source title:** International Journal of Robust and Nonlinear Control
2. **Accession number:** 20212210425694  
**Title:** Magnetic and thermodynamic properties of center decorated hexagon and tetragon structures  
**Authors:** Hu, Jin-Qiu ; Si, Nan ; Jiang, Wei ; Meng, Jing ; Zhang, Yan-Li  
**Source title:** Physics Letters, Section A: General, Atomic and Solid State Physics
3. **Accession number:** 20212210445645  
**Title:** Adaptive fuzzy-based composite anti-disturbance control for a class of switched nonlinear systems with unknown backlash-like hysteresis  
**Authors:** Xie, Jing ; Sun, Ping ; Yang, Dong  
**Source title:** Journal of the Franklin Institute
4. **Accession number:** 20212710578700  
**Title:** Dynamic multiobjective optimization driven by inverse reinforcement learning  
**Authors:** Zou, Fei ; Yen, Gary G. ; Zhao, Chen  
**Source title:** Information Sciences
5. **Accession number:** 20212810610360  
**Title:** Multi-step short-term wind speed prediction based on integrated multi-model fusion  
**Authors:** Tian, Zhongda ; Chen, Hao  
**Source title:** Applied Energy

(十) 环境与化学工程学院 (9 篇)

- 1. Accession number:** 20212310455266  
**Title:** Facile synthesis of polymetallic Li-MOFs and their synergistic mechanism of lithium storage  
**Authors:** Huang, Peng-Bin ; Tian, Li-Yan ; Zhang, Yu-Hang ; Shi, Fa-Nian  
**Source title:** Inorganica Chimica Acta
- 2. Accession number:** 20212310478046  
**Title:** Magnetic and thermodynamic properties of monolayer graphdiyne-like  
**Authors:** Si, Nan ; Zhang, Yan-Li ; Jiang, Wei  
**Source title:** Computational Materials Science
- 3. Accession number:** 20212410499589  
**Title:** Novel simultaneous anaerobic ammonium and sulfate removal process: A review  
**Authors:** Madani, Rayan Mohammed ; Liang, Jiyan ; Cui, Li ; Zhang, Dandan ; Otitoju, Tunmise Ayode ; Elsalahi, Randa H. ; Song, Xiaoxiong  
**Source title:** Environmental Technology and Innovation
- 4. Accession number:** 20212610563955  
**Title:** A facile synthesis of core - shell Fe<sub>3</sub>O<sub>4</sub>@C(N) composites and their microwave absorption properties  
**Authors:** Wang, Xiaolei ; Shi, Guimei ; Guan, Yinyan ; Zhang, Yajing ; Li, Da  
**Source title:** Journal of Materials Science: Materials in Electronics
- 5. Accession number:** 20212710587426  
**Title:** Controllable one step electrochemical synthesis of PANI encapsulating 3d-4f bimetal MOFs heterostructures as electrode materials for high-performance supercapacitors (Open Access)  
**Authors:** Sun, Ping-Ping ; Zhang, Yu-Hang ; Shi, Hongwei ; Shi, Fa-Nian  
**Source title:** Chemical Engineering Journal
- 6. Accession number:** 20212710596976  
**Title:** Magnetic behaviors of a ferrimagnetic decorated kagome-like lattice under an external magnetic field  
**Authors:** Wang, Xu ; Lv, Dan ; Sun, Lei ; Wang, Wei ; Tu, Xu-hang ; Ma, Zheng-hao  
**Source title:** Journal of Magnetism and Magnetic Materials
- 7. Accession number:** 20212810621672  
**Title:** Thermodynamic properties and hysteresis loops in a hexagonal core-shell nanoparticle  
**Authors:** Wang, Si-yu ; Lv, Dan ; Liu, Zhen-yu ; Wang, Wei ; Bao, Jia ; Huang, Han  
**Source title:** Journal of Molecular Graphics and Modelling
- 8. Accession number:** 20213110721857  
**Title:** Magnetic and thermodynamic characteristics of edge-modified graphyne  
**Authors:** Shi, Kai-Le ; Jiang, Wei ; Qin, Wei-Fan ; Meng, Jing ; Zhang, Feng-Ge  
**Source title:** Physica E: Low-Dimensional Systems and Nanostructures
- 9. Accession number:** 20213210734483  
**Title:** Three Co (III) Complexes Based on Double Ligands: Crystal Structures and Their Derivatives Applied as Supercapacitor Electrode Materials  
**Authors:** Xing, Jin-Juan ; Sun, Ping-Ping ; Zhang, Yu-Hang ; Zhao, Xian-Yi ; Shi, Fa-Nian

**Source title:** Journal of Molecular Structure

(十一) 石油化工学院 (6 篇)

- 1. Accession number:** 20211910319850  
**Title:** Hierarchical porous HKUST-1 fabricated by microwave-assisted synthesis with CTAB for enhanced adsorptive removal of benzothiophene from fuel  
**Authors:** Qiu, Shuang ; Du, Jinghua ; Xiao, Yonghou ; Zhao, Qidong ; He, Gaohong  
**Source title:** Separation and Purification Technology
- 2. Accession number:** 20212310455316  
**Title:** Pebax-based mixed matrix membranes derived from microporous carbon nanospheres for permeable and selective CO<sub>2</sub> separation  
**Authors:** Wang, He ; Zheng, Wenji ; Yang, Xiaochen ; Ning, Mengjia ; Li, Xiangcun ; Xi, Yuan ; Yan, Xiaoming ; Zhang, Xing ; Dai, Yan ; Liu, Hongjing ; He, Gaohong  
**Source title:** Separation and Purification Technology
- 3. Accession number:** 20212410482977  
**Title:** Facile synthesis of hierarchical micro-mesoporous HKUST-1 by a mixed-linker defect strategy for enhanced adsorptive removal of benzothiophene from fuel  
**Authors:** Guo, Liying ; Du, Jinghua ; Li, Chengbin ; He, Gaohong ; Xiao, Yonghou  
**Source title:** Fuel
- 4. Accession number:** 20212810617162  
**Title:** Fabrication of Pebax/SAPO mixed matrix membranes for CO<sub>2</sub>/N<sub>2</sub> separation  
**Authors:** Zhang, Suixin ; Zheng, Yingfei ; Wu, Yonghong ; Zhang, Bing  
**Source title:** Journal of Applied Polymer Science
- 5. Accession number:** 20212810632082  
**Title:** Synthesis and characterization of water-soluble CdSe nanoparticles capped by AOT (Open Access)  
**Authors:** Chen, Yan-Ming ; Nie, Xiao-Bo  
**Source title:** Chinese Journal of Polymer Science (English Edition)
- 6. Accession number:** 20213110711161  
**Title:** Nondoped, deep-blue, organic light-emitting diodes with low-efficiency roll-off based on a simple anthracene – triazole hybrid fluorescent molecule  
**Authors:** Cang, Miao ; Cui, Wei ; Zhou, Huayi ; Wang, Runze ; Sun, Mizhen ; Ying, Shian ; Sun, Qikun ; Pan, Yuyu ; Xue, Shanfeng ; Yang, Wenjun  
**Source title:** Dyes and Pigments

(十二) 其他: 未注明学院 (2 篇)

1. **Accession number:** 20212810619596

**Title:** Structure and properties of friction stir welding joint of Al-Li alloy

**Authors:** Zhang, Mandang ; Zhao, Yunqiang ; Dong, Chunlin ; Tan, Jinhong ; Yi, Yaoyong ;  
Wu, Wei

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

2. **Accession number:** 20213110697624

**Title:** Soft-switching Techniques for HERIC-type Inverter With Non-unity Power Factor

**Authors:** Wang, Ruibin ; Niu, Chenhui ; Shi, Mingming ; Li, Mingming ; Xiao, Huafeng

**Source title:** Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of  
Electrical Engineering

## 二、2021 年第三季度 Ei (CA) 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) Accession number:EI 论文收录编号

(2) Title:论文题目

(3) Authors:作者英文姓名

(4) Source title: 论文来源

### (一) 材料科学与工程学院 (1 篇)

**1. Accession number:** 20212810617797

**Title:** A density functional theory study on thermal properties of perfect and defective graphene (Open Access)

**Authors:** Zou, Xue ; Liu, Tongyu ; Li, Yingmin ; Xu, Xiaochen

**Source title:** Journal of Physics: Conference Series



(二) 电气工程学院 (10 篇)

1. **Accession number:** 20212610564888  
**Title:** Loss Study of Dual Stator Low Speed High Torque Synchronous Motor with Hybrid Rotor (Open Access)  
**Authors:** Fu, Zongkun ; Zhang, Fengge ; Zhang, Zhaoyu ; Jin, Shi  
**Source title:** Journal of Physics: Conference Series
2. **Accession number:** 20212610564970  
**Title:** Electromagnetic design of high-speed permanent magnet synchronous motor for flywheel energy storage system (Open Access)  
**Authors:** Wu, Jiabin ; Xu, Zhenyao ; Zhang, Fengge ; Tong, Ningze  
**Source title:** Journal of Physics: Conference Series
3. **Accession number:** 20212610564973  
**Title:** Research on Optimal Design of Double Stator Low-speed High-torque Synchronous Motor Based on Surrogate Model (Open Access)  
**Authors:** Chen, Yang ; Zhang, Fengge ; Yu, Siyang ; Jin, Shi  
**Source title:** Journal of Physics: Conference Series
4. **Accession number:** 20212910658510  
**Title:** Numerical study of the effects of AC voltage amplitude and frequency on space charge dynamics in polyethylene (Open Access)  
**Authors:** Pang, Dan ; Zhang, Yizhu ; Zhao, Changpeng ; Xu, Xin ; Lu, Zhiwei ; Cai, Xinjing  
**Source title:** Vibroengineering Procedia
5. **Accession number:** 20213610867710  
**Title:** Contour Tracking of Direct Drive H-type Platform Based on Multi-axis Global Task Coordinate Frame  
**Authors:** Zhang, Jian ; Wang, Limei  
**Source title:** Proceedings of 2021 IEEE 4th International Electrical and Energy Conference, CIEEC 2021
6. **Accession number:** 20213610867773  
**Title:** Sensorless Control of Low Speed PMSM Based on Novel Sliding Mode Observer  
**Authors:** Jin, Shi ; Gu, Jiawei ; Jin, Wuhen ; Zhang, Zhaoyu ; Zhang, Fengge  
**Source title:** Proceedings of 2021 IEEE 4th International Electrical and Energy Conference, CIEEC 2021
7. **Accession number:** 20213910936061  
**Title:** Robotic arm grasping through 3D point clouds recognition  
**Authors:** Ji, Suhui ; Li, Wentao ; Zhang, Zhen ; Zhou, Shijun ; Cai, Zhiyuan ; Tian, Jiandong  
**Source title:** 2021 IEEE International Conference on Real-Time Computing and Robotics, RCAR 2021
8. **Accession number:** 20214110991143  
**Title:** Harmonic resonance modal analysis of multi-inverter grid-connected system  
**Authors:** Li, Guanhua ; Wang, Ting ; Song, Yundong ; Wang, Liang ; Yan, Zheng ; Chen, Haoran ; Chen, Weidong  
**Source title:** IET Conference Publications
9. **Accession number:** 20214110991204

**Title:** Study on the flexible arc elimination method for grounding fault of distribution network based on single-phase cascade H bridge

**Authors:** Wang, Ting ; Li, Guanhua ; Geng, Lina ; Jin, Xin ; Wang, Lang ; Chen, Weidong ; Yan, Zheng ; Chen, Haoran

**Source title:** IET Conference Publications

**10. Accession number:** 20214110999273

**Title:** Review on the Endoplasmic Reticulum Stress and Related Diseases

**Authors:** Chen, Haoyi

**Source title:** ACM International Conference Proceeding Series

### (三) 信息科学与工程学院 (1 篇)

**1. Accession number:** 20213210753747

**Title:** Abnormal Traffic Detection of Industrial Edge Network Based on Deep Nature Learning

**Authors:** Liu, Qi ; Zhang, Bowen ; Zhao, Jianming ; Zang, Chuanzhi ; Wang, Xibo ; Li, Tong

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

### (四) 理学院 (1 篇)

**1. Accession number:** 20213610854685

**Title:** Some improved strategies of yolov3 algorithm

**Authors:** Chen, Xin ; Tang, Shengyuan

**Source title:** Proceedings - 2021 4th International Conference on Advanced Electronic Materials, Computers and Software Engineering, AEMCSE 2021

(五) 人工智能学院 (1 篇)

1. **Accession number:** 20213210755461  
**Title:** Research on Multi-AGVs Dynamic Path Planning to Avoid Deadlock  
**Authors:** Hou, Zheng ; Tan, Yuanyuan ; Liu, Yiyang  
**Source title :** Proceedings - 2021 36th Youth Academic Annual Conference of Chinese Association of Automation, YAC 2021

(六) 环境与化学工程学院 (2 篇)

1. **Accession number:** 20212810617801  
**Title:** Research on the thermal stability of 2-amino-3,5-dichloro-N-methylbenzamide (ADMBA) applying DSC (Open Access)  
**Authors:** Cong, Yun-Bo ; Cheng, Chun-Sheng  
**Source title:** Journal of Physics: Conference Series
2. **Accession number:** 20212810617810  
**Title:** Synthesis, Crystal Structure and Insecticidal Activity of 2-(3-Bromo-1-(3-chloropyridin-2-yl)-1H-pyrazol-5-yl)-6,8-dichloro-3-methyl-2,3-dihydroquinazolin-4(1H)-one (Open Access)  
**Authors:** Cong, Yun-Bo ; Jiang, Ai-Zhong ; Cheng, Chun-Sheng  
**Source title:** Journal of Physics: Conference Series

(七) 石油化工学院 (1 篇)

1. **Accession number:** 20212810618052  
**Title:** Preparation and properties of low temperature fluidity polyether polyol ester antiwear agent (Open Access)  
**Authors:** Zhensheng, Yang ; Qiutao, Song ; Guohong, Zhang  
**Source title:** Journal of Physics: Conference Series

(八) 图书馆 (辽阳校区) (1 篇)

1. **Accession number:** 20212810618052

**Title:** Preparation and properties of low temperature fluidity polyether polyol ester antiwear agent (Open Access)

**Authors:** Zhensheng, Yang ; Qiutao, Song ; Guohong, Zhang

**Source title:** Journal of Physics: Conference Series

(九) 其他: 未注明学院 (3 篇)

1. **Accession number:** 20214110998356

**Title:** Finite-time Fault Diagnosis of T-S Fuzzy Systems with Uncertain Membership Functions

**Authors:** Zhao, Renhao ; Wang, Menghan ; Yin, Qiong ; Chen, Chao

**Source title:** ACM International Conference Proceeding Series

2. **Accession number:** 20212810613390

**Title:** SC-DGCN: Sentiment Classification Based on Densely Connected Graph Convolutional Network

**Authors:** Yan, Xue-Fei ; Wang, Huimin ; Wu, Guangpu ; Zhang, Zhi-Hui

**Source title :** Conference Digest - 2021 International Conference on Security, Pattern Analysis, and Cybernetics, SPAC 2021

3. **Accession number:** 20214110998399

**Title:** Based on Multiagent Systems for High-Speed Train with Input Saturation and Dead-zone

**Authors:** Li, Shubo ; Wei, Shimeng

**Source title :** Conference Digest - 2021 International Conference on Security, Pattern Analysis, and Cybernetics, SPAC 2021