

**2020 年第一、二季度  
Ei Compendex 收录  
沈阳工业大学论文统计**

**沈阳工业大学图书馆学科服务组**

**2020 年 6 月**

## 统计说明

### 1、检索时间和统计方法：

- ① 检索时间段：从 2019 年 12 月 20 日至 2020 年 6 月 30 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author Afflication”字段；
- ④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

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

联系人：刘英煜 商璐

联系电话：25496607

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## 一、2020 年第一、二季度 Ei (JA) 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) Accession number:EI 论文收录编号

(2) Title:论文题目

(3) Authors:作者英文姓名

(4) Source title: 论文来源

(一) 机械工程学院 (29 篇)

1. **Accession number:** 20193507380976  
**Title:** Development of electrical enhanced photocatalysis polishing slurry for silicon carbide wafer  
**Authors:** He, Yan ; Yuan, Zewei ; Cheng, Kai ; Duan, Zhenyun ; Zhao, Wenzhen  
**Source title :** Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology
2. **Accession number:** 20195207908446  
**Title:** Laser additive manufacturing of bimetallic structure from Ti-6Al-4V to Ti-48Al-2Cr-2Nb via vanadium interlayer  
**Authors:** Liu, Zhanqi ; Ma, Ruixin ; Xu, Guojian ; Wang, Wei ; Liu, Jin  
**Source title:** Materials Letters
3. **Accession number:** 20195207943639  
**Title:** Shock response of a vibration isolation system with displacement restrictors  
**Authors:** Liu, Haichao ; Yan, Ming ; Feng, Linhan  
**Source title:** Zhendong yu Chongji/Journal of Vibration and Shock
4. **Accession number:** 20195207943673  
**Title:** Environmental characteristics of submarine equipment's impact test section  
**Authors:** Han, Lu ; Feng, Linhan ; Zhang, Lei ; Yan, Ming  
**Source title:** Zhendong yu Chongji/Journal of Vibration and Shock
5. **Accession number:** 20201108305665  
**Title:** B-spline curve approximation method based on an improved elitist clonal selection algorithm  
**Authors:** Dong, Zhixu ; Xu, Fangsu ; Sun, Xingwei ; Liu, Weijun  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
6. **Accession number:** 20200308053954  
**Title:** Tribological properties of swollen nitrile rubber under dry and wet sliding conditions (Open Access)  
**Authors:** Song, Shuyuan ; Nie, Rui ; Wang, Shijie ; Li, Yunlong  
**Source title:** Materials Research Express
7. **Accession number:** 20201108288304  
**Title:** Study on compliant control and torque compensation method of wire-driven variable stiffness joint  
**Authors:** Fang, Lijin 1; Zhang, Ming ; Sun, Feng ; Koichi, Oka  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
8. **Accession number:** 20200808188751  
**Title:** Study on early fatigue damage of wind turbine blade based on thermodynamic entropy analysis  
**Authors:** Wang, Linlin ; Chen, Changzheng ; Zhou, Bo ; Kang, Shuang ; Du, Jinyao  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
9. **Accession number:** 20201108284165  
**Title:** High strain rate compression deformation mechanism and constitutive equation of fine grained Mg - 7Gd - 5Y - 1.2Nd - 0.5Zr alloy at different temperatures  
**Authors:** Tang, Wanru ; Liu, Shimeng ; Liu, Zheng ; Kang, Shuang ; Mao, Pingli ; Guo, Hui

- Source title:** Materials Science and Engineering A
- 10. Accession number:** 20200808193600  
**Title:** Research on Meshing Stiffness and Vibration Response of Pitting Fault Gears with Different Degrees (Open Access)  
**Authors:** Liu, Jie ; Wang, Chengye ; Wu, Wenchao  
**Source title:** International Journal of Rotating Machinery
- 11. Accession number:** 20201208313611  
**Title:** Stress distribution of carbon nanotube reinforced polymer matrix composites under tensile stress  
**Authors:** Yang, Bin ; Li, Yun-Long ; Wang, Shi-Jie ; Nie, Rui ; Wang, Zhao-Zhi  
**Source title:** Cailiao Gongcheng/Journal of Materials Engineering
- 12. Accession number:** 20200408081586  
**Title:** Analysis of the key factors affecting the capability and optimization for magnetostrictive iron-gallium alloy ambient vibration harvesters  
**Authors:** Liu, Huifang ; Cong, Chen ; Cao, Chongdong ; Zhao, Qiang  
**Source title:** Sensors (Switzerland)
- 13. Accession number:** 20201408372238  
**Title:** Analysis and structural optimisation of bed structure for CNC lathe based on modal strain energy sensitivity  
**Authors:** Xu, Guang-Chen ; Sun, Xing-Wei  
**Source title:** Journal of Engineering
- 14. Accession number:** 20201608422299  
**Title:** Laser deposition melting of TC4/TiAl functionally graded material  
**Authors:** Ma, Ruixin ; Liu, Zhanqi ; Wang, Wenbo ; Xu, Guojian ; Wang, Wei  
**Source title:** Vacuum
- 15. Accession number:** 20201708509326  
**Title:** Nonlinear dynamic response analysis of high level wind turbine gearbox transmission system considering eccentricity  
**Authors:** Zhao, Xin ; Chen, Changzheng ; Liu, Jie ; Gu, Quan  
**Source title:** Taiyangneng Xuebao/Acta Energetica Solaris Sinica
- 16. Accession number:** 20201708534101  
**Title:** Fundamental frequency analysis method for medium-low frequency concentrated mass cantilever reed instrument  
**Authors:** Hui, Anmin ; Yan, Ming ; Feng, Linhan ; Jiang, Lijie ; Liu, Haochao  
**Source title:** Zhendong yu Chongji/Journal of Vibration and Shock
- 17. Accession number:** 20201808590127  
**Title:** Molecular simulation of tribology behavior of nano ZnO/nitrile-butadiene rubber composites  
**Authors:** Tang, Liming ; Li, Yunlong ; He, Enqiu ; Hao, Min ; Ren, Shibing  
**Source title:** Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica
- 18. Accession number:** 20202108682925  
**Title:** A Low-Rank and Sparse Decomposition-Based Method of Improving the Accuracy of Sub-Pixel Grayscale Centroid Extraction for Spot Images  
**Authors:** Dong, Zhixu ; Sun, Xingwei ; Xu, Fangsu ; Liu, Weijun

- Source title:** IEEE Sensors Journal
- 19. Accession number:** 20202108684482  
**Title:** Electrical Enhanced Photocatalysis Polishing and Removal Mechanism for Single Crystal SiC  
**Authors:** He, Yan ; Yuan, Zewei ; Duan, Zhenyun ; Wang, Xue  
**Source title:** Zhongguo Jixie Gongcheng/China Mechanical Engineering
- 20. Accession number:** 20202108697054  
**Title:** Experimental investigations on flank contour accuracy of milling groove for Zr-based bulk metallic glass using mesoscale milling  
**Authors:** Liu, Yin ; Gong, Yadong ; Liu, Weijun ; Xu, Liang ; Sun, Xingwei  
**Source title:** International Journal of Advanced Manufacturing Technology
- 21. Accession number:** 20202208714465  
**Title:** Dimensional Effect on Thermo-Mechanical Evolution of Laser Depositing Thin-Walled Structure  
**Authors:** Wang, Xia ; Wang, Wei ; Yang, Guang ; Wang, Chao ; Ren, Yuhang  
**Source title:** Jinshu Xuebao/Acta Metallurgica Sinica
- 22. Accession number:** 20202208716946  
**Title:** Preface for selected papers from ISMB16 (Open Access)  
**Authors:** Sun, Feng ; Zhou, Jin ; Wu, Huachun ; Ueno, Satoshi  
**Source title:** International Journal of Applied Electromagnetics and Mechanics
- 23. Accession number:** 20202308782430  
**Title:** Influence of Off-Axis Amount on Dynamics Performance of Gas in Laser Cutting Process  
**Authors:** Sun, Feng ; Song, Yuanyuan ; Zhao, Qinglong ; Wang, Sihang ; Tong, Ling ; Shan, Guangkun ; Zhang, Xiaoyou  
**Source title:** Zhongguo Jiguang/Chinese Journal of Lasers
- 24. Accession number:** 20202308796382  
**Title:** Stiffness characteristics analysis and variable stiffness control for a permanent magnetic levitation system with variable magnetic circuit  
**Authors:** Sun, Feng ; Tang, Jinghu ; Li, Qiang ; Zhao, Chuan ; Jin, Junjie  
**Source title:** Zhendong yu Chongji/Journal of Vibration and Shock
- 25. Accession number:** 20201308363706  
**Title:** Design of a retrofitted damper and its shock response characteristics  
**Authors:** Liu, Hongquan ; Yan, Ming ; Zhang, Chunhui ; Meng, Xiansong  
**Source title:** Zhendong yu Chongji/Journal of Vibration and Shock
- 26. Accession number:** 20201308365339  
**Title:** A study on the impact of typical components on the anti-shock resistance of shipboard pipelines  
**Authors:** Feng, Linhan ; Han, Lu ; Yan, Ming ; Zhang, Lei ; Zhang, Chi  
**Source title:** Zhendong yu Chongji/Journal of Vibration and Shock
- 27. Accession number:** 20201508385320  
**Title:** Fatigue life prediction under random loading for accessory transmission system based on grey estimation and polynomial mutation theory  
**Authors:** Liang, Song ; Yan, Ming ; Chen, Zhuo ; Sun, Ziqiang  
**Source title:** Hangkong Dongli Xuebao/Journal of Aerospace Power

**28. Accession number:** 20201908619670

**Title:** Microstructures and mechanical properties of Ti6Al4V-Ti48Al2Cr2Nb alloys fabricated by laser melting deposition of powder mixtures

**Authors:** Ma, Ruixin ; Liu, Zhanqi ; Wang, Wenbo ; Xu, Guojian ; Wang, Wei

**Source title:** Materials Characterization

**29. Accession number:** 20202008657468

**Title:** Sommerfeld effect and synchronization analysis in a simply supported beam system excited by two non-ideal induction motors

**Authors:** Kong, Xiangxi ; Jiang, Jiao ; Zhou, Chong ; Xu, Qi ; Chen, Changzheng

**Source title:** Nonlinear Dynamics



(二) 材料科学与工程学院 (102 篇)

1. **Accession number:** 20190406421603  
**Title:** The effect of a novel phosphorus-nitrogen reactive flame retardant curing agent on the performance of epoxy resin  
**Authors:** Li, Anxin ; Mao, Pingli ; Liang, Bing  
**Source title:** Journal of Macromolecular Science, Part A: Pure and Applied Chemistry
2. **Accession number:** 20191106614516  
**Title:** Self-assembled ZnCo<sub>2</sub>O<sub>4</sub> micro-urchins as high-performance electrode materials for energy storage device  
**Authors:** Xie, Di ; Zhong, Rong-ju ; Ren, Da ; Tuo, Lu-ying ; Song, Gui-hong ; Hu, Fang  
**Source title:** Journal of Materials Science: Materials in Electronics
3. **Accession number:** 20191806845310  
**Title:** Phase stability, elastic, anisotropic and thermodynamic properties of HoT<sub>2</sub>Al<sub>20</sub> (T = Ti, V, Cr) intermetallic cage compounds  
**Authors:** Ma, He ; Li, Xiaoyou ; Yu, Hui ; Jiang, Wei ; Zhang, Xudong  
**Source title:** Molecular Simulation
4. **Accession number:** 20192907190622  
**Title:** Effect of Yttrium on Hot Tearing Susceptibility of Mg–6Zn–1Cu–0.6Zr Alloys  
**Authors:** Zhu, Guannan ; Wang, Zhi ; Qiu, Wuyan ; Zhou, Ye ; Zhou, Le ; Wang, Feng ; Liu, Zheng ; Mao, Pingli  
**Source title:** International Journal of Metalcasting
5. **Accession number:** 20193607389405  
**Title:** Electrochemical assessment of laser heat treatment of an Al–Zn–Mg–Cu alloy  
**Authors:** Wang, Kaining ; Su, Ruiming ; Liu, Tong ; Qu, Yingdong ; Li, Rongde  
**Source title:** Materials and Corrosion
6. **Accession number:** 20194507634045  
**Title:** Insight into the vacancy effects on mechanical and electronic properties of Tantalum Silicide  
**Authors:** Chen, Jiaying ; Zhang, Xudong ; Li, Dongzhi ; Liu, Cong ; Ma, He ; Ying, Caihong ; Wang, Feng  
**Source title:** Ceramics International
7. **Accession number:** 20194607687367  
**Title:** Effect of Sc addition on low-cycle fatigue properties of extruded Al–Zn–Mg–Cu–Zr alloy  
**Authors:** Zhu, Qingyan ; Chen, Lijia ; Zhu, Guangqi ; Huo, Xiaoran  
**Source title:** Materials Science and Technology (United Kingdom)
8. **Accession number:** 20194707718060  
**Title:** Fabrication and properties of a dense SiC NWs-toughened  $\alpha$ -Si<sub>3</sub>N<sub>4</sub> composite coating on porous Si<sub>3</sub>N<sub>4</sub> ceramics  
**Authors:** Shangguan, Duandan ; Wang, Binglei ; Wang, Chao ; Zhang, Fan ; Bai, Yu ; Wang, Zhanjie ; Lu, Xuefeng  
**Source title:** International Journal of Applied Ceramic Technology
9. **Accession number:** 20194807741721

**Title:** Microstructure and fatigue behavior of a laser additive manufactured 12CrNi2 low alloy steel

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

**Source title:** Materials Science and Engineering A

**10. Accession number:** 20194807741786

**Title:** Nucleation and growth analysis of  $\{101\bar{2}\}$  extension twins in AZ31 magnesium alloy during in-situ tension

**Authors:** Wang, Xiaoxia ; Mao, Pingli ; Liu, Zheng ; Wang, Zhi ; Wang, Feng ; Zhou, Le ; Wei, Ziqi

**Source title:** Journal of Alloys and Compounds

**11. Accession number:** 20194807759723

**Title:** Fatigue–creep behavior of two ferritic stainless steels in simulated automotive exhaust gas and argon

**Authors:** Liu, Tianlong ; Zhu, Xiaofei ; Chen, Lijia ; Bi, Hongyun ; Lin, Yingfei ; Long, Jun

**Source title:** Journal of Materials Science

**12. Accession number:** 20194907788527

**Title:** Strain-induced exchange bias transition at La<sub>0.7</sub>Sr<sub>0.3</sub>MnO<sub>3</sub>/NiO interface

**Authors:** Wu, Yingjie ; Wang, Zhanjie ; Liang, Yongmei ; Zhang, Zhidong

**Source title:** Journal of Alloys and Compounds

**13. Accession number:** 20194907791553

**Title:** Photocatalytic degradation of Rhodamine B using CaCu<sub>3</sub>Ti<sub>4</sub>O<sub>12</sub> embedded polyethersulfone hollow fiber membrane

**Authors:** Otitoju, Tunmise Ayode ; Jiang, Dafu ; Ouyang, Yuanyuan ; Elamin, Mohammed Ahmedelbadawi Mohammed ; Li, Sanxi

**Source title:** Journal of Industrial and Engineering Chemistry

**14. Accession number:** 20195007829150

**Title:** High energy storage performance in Ca-doped PbZrO<sub>3</sub> antiferroelectric films

**Authors:** Li, Yi Zhuo ; Wang, Zhan Jie ; Bai, Yu ; Zhang, Zhi Dong

**Source title:** Journal of the European Ceramic Society

**15. Accession number:** 20195007829151

**Title:** Influence of chloride ion concentration and temperature on the corrosion of Cu – Al composite plates in salt fog

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

**Source title:** Journal of Alloys and Compounds

**16. Accession number:** 20195007837337

**Title:** Effect of annealing treatment on microstructure and mechanical properties of Al/Ni multilayer composites during accumulative roll bonding (ARB) process

**Authors:** Zhu, Hui-wen ; Yu, Bao-yi ; Zhang, Hao ; Yu, Bo-ning ; Lv, Shu-ning ; Zheng, Li ; Li, Run-xia

**Source title:** Journal of Iron and Steel Research International

**17. Accession number:** 20195107874830

**Title:** Effect of rare earth elements on high temperature oxidation behaviour of austenitic steel

**Authors:** Zheng, Zhibin ; Wang, Shuai ; Long, Jun ; Wang, Juan ; Zheng, Kaihong

- Source title:** Corrosion Science
- 18. Accession number:** 20195107882568  
**Title:** Role of  $\{101\bar{2}\}$  twinning in the anisotropy and asymmetry of AZ31 magnesium alloy under high strain rate deformation  
**Authors:** Wang, Xiaoxia ; Mao, Pingli ; Wang, Ruifeng ; Liu, Zheng ; Wang, Zhi ; Wang, Feng ; Zhou, Le ; Wei, Ziqi  
**Source title:** Materials Science and Engineering A
- 19. Accession number:** 20195207904828  
**Title:** A first principles investigation on the influence of transition-metal elements on the structural, mechanical, and anisotropic properties of CaMg<sub>2</sub>Al<sub>20</sub> intermetallics  
**Authors:** Zhang, Xudong ; Dong, Tianhui ; Ma, He ; Li, Dongzhi ; Ying, Caihong ; Liu, Cong ; Wang, Feng  
**Source title:** Journal of Molecular Graphics and Modelling
- 20. Accession number:** 20195207908446  
**Title:** Laser additive manufacturing of bimetallic structure from Ti-6Al-4V to Ti-48Al-2Cr-2Nb via vanadium interlayer  
**Authors:** Liu, Zhanqi ; Ma, Ruixin ; Xu, Guojian ; Wang, Wei ; Liu, Jin  
**Source title:** Materials Letters
- 21. Accession number:** 20195207926920  
**Title:** An investigation on solidification path and hot tearing tendency of Mg-2Zn-3Y-xAl alloys  
**Authors:** Zhang, G. ; Liu, Z. ; Wang, Y. ; Liu, S. ; Mao, P.  
**Source title:** Materialwissenschaft und Werkstofftechnik
- 22. Accession number:** 20195207930956  
**Title:** Improved multi-orientation dispersion of short carbon fibers in aluminum matrix composites prepared with square crucible by mechanical stirring  
**Authors:** Li, Guanglong ; Qu, Yingdong ; Yang, Yaohua ; Zhou, Qiwen ; Liu, Xishi ; Li, Rongde  
**Source title:** Journal of Materials Science and Technology
- 23. Accession number:** 20200207986224  
**Title:** Microstructure and Electric Conductance of Mg<sub>2</sub>(Sn, Si) Thin Films by Sputtering  
**Authors:** Song, Guihong ; Li, Guipeng ; Liu, Qiannan ; Du, Hao ; Hu, Fang  
**Source title:** Jinshu Xuebao/Acta Metallurgica Sinica
- 24. Accession number:** 20200408064778  
**Title:** Effect of Heat Treatment Process on Mechanical and Corrosion Properties of Mg-7Al-1Ca-0.5Sn Alloy  
**Authors:** Du, Xudong ; Wang, Feng ; Gao, Yi ; Liu, Zheng ; Mao, Pingli  
**Source title:** Xiyou Jinshu/Chinese Journal of Rare Metals
- 25. Accession number:** 20200207984014  
**Title:** Outer Rotor Permanent Magnet Passively Compensated Pulsed Alternator for Electromagnetic Railgun System (Open Access)  
**Authors:** Chen, Yaqian ; Zhang, Bingyi ; Wang, Shuai ; Zhang, Haoyu ; Feng, Guihong  
**Source title:** Mathematical Problems in Engineering
- 26. Accession number:** 20200608130188

- Title:** Effect of Cu Addition on Microstructure, Mechanical Property and Texture Evolution of Extrusion-shearing ZK60 Mg-alloy  
**Authors:** Dai, Shuai ; Wang, Feng ; Wang, Zhi ; Liu, Zheng ; Mao, Pingli  
**Source title:** Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
27. **Accession number:** 20201208318595  
**Title:** Improving the microstructure and tensile properties of AZ91 magnesium alloy via electromagnetic stirring (Open Access)  
**Authors:** Bian, Jiancong ; Yu, Baoyi ; Sun, Wanting ; Jiang, Lei ; Liu, Xingjun ; Zheng, Li ; Li, Runxia  
**Source title:** Materials Research Express
28. **Accession number:** 20200708172554  
**Title:** Elevated Temperature Compression Deformation Behavior and Mechanism of GH79 Superalloy  
**Authors:** Zhou, Ge ; Zhang, Siqian ; Zhang, Haoyu ; Yu, Xuemei ; Liu, Lirong ; Chen, Lijia  
**Source title:** Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering
29. **Accession number:** 20200708172472  
**Title:** Effect of Aging Temperature on Microstructural Evolution and Mechanical Properties of a Novel  $\beta$  Titanium Alloy  
**Authors:** Zhang, Haoyu ; Li, Xiaohui ; Lin, Li ; Zhang, Siqian ; Wang, Chuan ; Chen, Lijia  
**Source title:** Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering
30. **Accession number:** 20200608130163  
**Title:** Creep Deformation of Three Samples Misaligned  $15^\circ$  from  $\langle 001 \rangle$  Crystallographic Axis for a Nickel-based Single Crystal Superalloy DD413  
**Authors:** Li, Gang ; Zhang, Siqian ; Zhang, Zongpeng ; Wang, Di ; Wang, Dong ; Dong, Jiasheng  
**Source title:** Cailiao Yanjiu Xuebao/Chinese Journal of Materials Research
31. **Accession number:** 20200208022820  
**Title:** Global Robust Control Model of Friction Stir Welding of Aluminum Alloy Based on Main Motor Power Output Prediction (Open Access)  
**Authors:** Zhang, Kun ; Liu, Zhengjun  
**Source title:** IEEE Access
32. **Accession number:** 20201108284165  
**Title:** High strain rate compression deformation mechanism and constitutive equation of fine grained Mg - 7Gd - 5Y - 1.2Nd - 0.5Zr alloy at different temperatures  
**Authors:** Tang, Wanru ; Liu, Shimeng ; Liu, Zheng ; Kang, Shuang ; Mao, Pingli ; Guo, Hui  
**Source title:** Materials Science and Engineering A
33. **Accession number:** 20200908230058  
**Title:** NaV6O15 microflowers as a stable cathode material for high-performance aqueous zinc-ion batteries  
**Authors:** Li, Runxia ; Guan, Chao ; Bian, Xiaofei ; Yu, Xin ; Hu, Fang  
**Source title:** RSC Advances
34. **Accession number:** 20200708156610  
**Title:** Microstructure and Properties of CeO<sub>2</sub>-Modified FeCoCrAlNiTi High-Entropy Alloy Coatings by Laser Surface Alloying

- Authors:** Jiang, P.F. ; Zhang, C.H. ; Wu, C.L. ; Zhang, S. ; Zhang, J.B. ; Abdullah, Adil O.  
**Source title:** Journal of Materials Engineering and Performance
- 35. Accession number:** 20200408075993  
**Title:** Effect of element yttrium on  $\beta$ -relaxation of Cu-based metallic glasses  
**Authors:** Zhang, Yiran ; Zhao, Min ; Ren, Yinglei ; Qiu, Keqiang  
**Source title:** Journal of Non-Crystalline Solids
- 36. Accession number:** 20200708183356  
**Title:** Impact of hydrogen microalloying on the mechanical behavior of Zr-bearing metallic glasses: A molecular dynamics study  
**Authors:** Wang, Binbin ; Luo, Liangshun ; Dong, Fuyu ; Wang, Liang ; Wang, Hongying ; Wang, Fuxin ; Luo, Lei ; Su, Baoxian ; Su, Yanqing ; Guo, Jingjie ; Fu, Hengzhi  
**Source title:** Journal of Materials Science and Technology
- 37. Accession number:** 20201008258341  
**Title:** The formability and microstructure evolution of 24CrNiMo alloy steel fabricated by selective laser melting  
**Authors:** Han, Y.R. ; Zhang, C.H. ; Cui, X. ; Zhang, S. ; Zhang, J.B. ; Liu, Y.  
**Source title:** Vacuum
- 38. Accession number:** 20200708154561  
**Title:** Formation of long-period stacking-ordered (LPSO) structures and microhardness of as-cast Mg-4.5Zn - 6Y alloy  
**Authors:** Mao, Pingli ; Xin, Yan ; Han, Ke ; Liu, Zheng ; Yang, Zhiqing  
**Source title:** Materials Science and Engineering A
- 39. Accession number:** 20200508110544  
**Title:** Relaxation-to-rejuvenation transition of a Ce-based metallic glass by quenching/cryogenic treatment performed at sub-T<sub>g</sub>  
**Authors:** Zhang, W. ; Xiang, Q.C. ; Ma, C.Y. ; Ren, Y.L. ; Qiu, K.Q.  
**Source title:** Journal of Alloys and Compounds
- 40. Accession number:** 20200508117472  
**Title:** Eliminating the crack of laser 3D printed functionally graded material from TA15 to Inconel718 by base preheating  
**Authors:** Shang, Chun ; Wang, Chenyang ; Li, Changfu ; Yang, Guang ; Xu, Guojian ; You, Junhua  
**Source title:** Optics and Laser Technology
- 41. Accession number:** 20200608129162  
**Title:** Creep damage of a high Mo single crystal nickel-based superalloy  
**Authors:** Yan, Huajin ; Tian, Sugui ; Zhao, Guoqi ; Zhang, Shunke  
**Source title:** Materials at High Temperatures
- 42. Accession number:** 20201008274431  
**Title:** Evaluation on tribological characteristics of (TiC+TiB)/Ti - 6Al - 4V composite in the range from 25 ° C to 600 ° C  
**Authors:** Zheng, Bowen ; Dong, Fuyu ; Yuan, Xiaoguang ; Zhang, Yue ; Huang, Hongjun ; Zuo, Xiaojiao ; Luo, Liangshun ; Wang, Liang ; Su, Yanqing ; Wang, Xuan ; Shi, Kun  
**Source title:** Wear
- 43. Accession number:** 20200508109527

**Title:** The displacement reaction mechanism of the CuV<sub>2</sub>O<sub>6</sub> nanowire cathode for rechargeable aqueous zinc ion batteries

**Authors:** Yu, Xin ; Hu, Fang ; Cui, Fuhan ; Zhao, Jun ; Guan, Chao ; Zhu, Kai

**Source title:** Dalton Transactions

**44. Accession number:** 20200408070921

**Title:** Significantly enhanced ferroelectric and dielectric properties in BaTiO<sub>3</sub>/LaNiO<sub>3</sub> superlattices

**Authors:** Lin, Jun Liang ; Wang, Zhan Jie ; Zhao, Xiang ; Zhang, Zhi Dong

**Source title:** Scripta Materialia

**45. Accession number:** 20200508110818

**Title:** Improving impact toughness of heavy section reduced activation ferritic martensitic CLF-1 steel joints with electron beam welding

**Authors:** Wu, Shikai ; Shi, Yilei ; Zhang, Guoyu ; Zhang, Song ; Liao, Hongbin ; Wang, Xiaoyu ; Qin, Zhiyun

**Source title:** Journal of Nuclear Materials

**46. Accession number:** 20200908221900

**Title:** Oxidation behavior of a novel Nickel-based single crystal superalloy at elevated temperature

**Authors:** Tan, Z.H. ; Wang, X.G. ; Song, W. ; Yang, Y.H. ; Liu, J.L. ; Liu, J.D. ; Yang, L. ; Zhou, Y.Z. ; Sun, X.F.

**Source title:** Vacuum

**47. Accession number:** 20200508103923

**Title:** Temperature dependence on tensile deformation mechanisms in a novel Nickel-based single crystal superalloy

**Authors:** Tan, Z.H. ; Wang, X.G. ; Du, Y.L. ; Duan, T.F. ; Yang, Y.H. ; Liu, J.L. ; Liu, J.D. ; Yang, L. ; Li, J.G. ; Zhou, Y.Z. ; Sun, X.F.

**Source title:** Materials Science and Engineering A

**48. Accession number:** 20200908236127

**Title:** Damage adaptive titanium alloy by in-situ elastic gradual mechanism

**Authors:** Zhang, Siqian ; Liu, Jing ; Zhang, Haoyu ; Sun, Jie ; Chen, Lijia

**Source title:** Materials

**49. Accession number:** 20200308051571

**Title:** The mechanism of elastic and electronic properties of Tungsten Silicide (5/3) with vacancy defect from the first-principles calculations

**Authors:** Li, Dongzhi ; Zhang, Xudong ; Chen, Jiaying ; Liu, Yang ; Wang, Feng

**Source title:** Vacuum

**50. Accession number:** 20201108288190

**Title:** Effect of low frequency alternating magnetic field on hot tearing susceptibility of Mg-7Zn-1Cu-0.6Zr magnesium alloy

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

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

**51. Accession number:** 20200808209355

**Title:** Microstructure and low-cycle fatigue behavior of Al-9Si-4Cu-0.4Mg-0.3Sc alloy with different casting states (Open Access)

- Authors:** Wang, Guanyi ; Che, Xin ; Zhang, Zhipeng ; Zhang, Haoyu ; Zhang, Siqian ; Li, Zhengyuan ; Sun, Jie  
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**Authors:** Cui, Fuhan ; Zhao, Jun ; Zhang, Dongxu ; Fang, Yongzheng ; Hu, Fang ; Zhu, Kai  
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**Title:** Microstructure and tribological behavior of in situ synthesized (TiB+TiC)/Ti6Al4V (TiB/TiC=1/1) composites  
**Authors:** Zheng, Bowen ; Dong, Fuyu ; Yuan, Xiaoguang ; Huang, Hongjun ; Zhang, Yue ; Zuo, Xiaojiao ; Luo, Liangshun ; Wang, Liang ; Su, Yanqing ; Li, Weidong ; Liaw, Peter K. ; Wang, Xuan  
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**Authors:** Dai, Wushuai ; Lin, Li ; Li, Yimeng ; Chen, Zhuo ; Liu, Feng ; Li, Feng ; Chen, Lijia  
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**Title:** Microstructure and mechanical behavior of additive manufactured Cr - Ni - V low alloy steel in different heat treatment  
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**Authors:** Zhang, Hao-Yu ; Zhang, Zhi-Peng ; Li, Zheng-Yuan ; Sun, Jie ; Che, Xin ; Zhang, Si-Qian ; Liang, Yu ; Chen, Li-Jia  
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**Title:** High-speed permanent magnet synchronous motor iron loss calculation method considering multiphysics factors  
**Authors:** Liu, Guangwei ; Liu, Meiyang ; Zhang, Yue ; Wang, Huijun ; Gerada, Chris  
**Source title:** IEEE Transactions on Industrial Electronics
- 30. Accession number:** 20200908234044  
**Title:** Feasibility of sectional bioelectrical impedance spectrum evaluating joint effusion in rat  
**Authors:** Chen, Jia ; Ke, Li ; Du, Qiang ; Long, Zhe  
**Source title:** IEEE Access
- 31. Accession number:** 20200107969062  
**Title:** Study on magnetic and thermodynamic characteristics of core-shell graphene nanoribbon  
**Authors:** Si, Nan ; Wang, Jiu-Ming ; Guo, An-Bang ; Zhang, Fan ; Zhang, Feng-Ge ; Jiang, Wei  
**Source title:** Physica E: Low-Dimensional Systems and Nanostructures
- 32. Accession number:** 20200808196080  
**Title:** Thermodynamic Calculation of Physical Properties of C<sub>4</sub>F<sub>7</sub>N/CO<sub>2</sub> and C<sub>4</sub>F<sub>7</sub>N/N<sub>2</sub>  
**Authors:** Zhang, Zhen ; Lin, Xin ; Yu, Weicheng ; Xu, Jianyuan ; Zhang, Jia ; Su, Zhenxi  
**Source title:** Gaodiana Jishu/High Voltage Engineering
- 33. Accession number:** 20201108305675  
**Title:** Adaptive Nonsingular Fast Terminal Sliding Mode Control for Permanent Magnet Linear Synchronous Motor  
**Authors:** Fu, Dongxue ; Zhao, Ximei  
**Source title:** Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 34. Accession number:** 20200908216973  
**Title:** Magnetostrictive Characteristics of the Grain-Oriented Electrical Steel in an Epstein Frame Magnetized with a DC Biased Magnetic Field  
**Authors:** Wang, Zhen ; Zhang, Yanli ; Zhang, Dianhai ; Ren, Ziyan ; Koh, Chang Seop  
**Source title:** Journal of Electrical Engineering and Technology
- 35. Accession number:** 20200107979430  
**Title:**  $H_\infty$  Control for a Class of Discrete-Time Systems via Data-Based Policy Iteration with Application to Wind Turbine Control (Open Access)  
**Authors:** Liu, Yang ; Xing, Zuoxia ; Chen, Lei ; Xu, Jian ; Li, Yunlu ; Wang, Haixin  
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**Title:** Research on Self-Learning Fuzzy Control of Controllable Excitation Magnetic Suspension Linear Synchronous Motor

- Authors:** Sun, Yunpeng ; Lan, Yipeng  
**Source title:** Journal of Electrical Engineering and Technology
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**Title:** Implementation of Vector Hysteresis Model Utilizing Enhanced Neural Network Based on Collaborative Algorithm (Open Access)  
**Authors:** Chi, Lianqiang ; Zhang, Dianhai ; Jia, Mengfan ; Ren, Ziyang  
**Source title:** IEEE Access
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**Title:** Analysis on the Unidirectional DC Circuit Breaker and Protection Strategy  
**Authors:** Yang, Tian ; Liu, Xiaoming ; Wu, Qi ; Chen, Hai ; Li, Longnv  
**Source title:** Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
39. **Accession number:** 20200808200916  
**Title:** A bio-impedance quantitative method based on magnetic induction tomography for intracranial hematoma  
**Authors:** Ke, Li ; Zu, Wannan ; Du, Qiang ; Chen, Jia ; Ding, Xiaodi  
**Source title:** Medical and Biological Engineering and Computing
40. **Accession number:** 20200908214983  
**Title:** Advanced ceramic components: Materials, fabrication, and applications  
**Authors:** Ayode Otitoju, Tunmise ; Ugochukwu Okoye, Patrick ; Chen, Guanting ; Li, Yang ; Onyeka Okoye, Martin ; Li, Sanxi  
**Source title:** Journal of Industrial and Engineering Chemistry
41. **Accession number:** 20201208324359  
**Title:** Environmental noise pollution control of substation by passive vibration and acoustic reduction strategies  
**Authors:** Fan, Xiaopeng ; Li, Li ; Zhao, Li ; He, Hongming ; Zhang, Dianhai ; Ren, Ziyang ; Zhang, Yanli  
**Source title:** Applied Acoustics
42. **Accession number:** 20201208330411  
**Title:** Multi motor neural PID relative coupling speed synchronous control  
**Authors:** Zhang, Yonglong ; An, Yuejun ; Wang, Guangyu ; Kong, Xiangling  
**Source title:** Archives of Electrical Engineering
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**Title:** A Reliable and Controllable Motor Actuator without Permanent Magnetic for 40.5 kV Vacuum Circuit Breakers  
**Authors:** Lou, Jiachuan ; Liu, Aimin ; Yu, Siyang  
**Source title:** IEEE Transactions on Industry Applications
44. **Accession number:** 20201308343654  
**Title:** Real-coded quantum optimization-based Bi-Level dispatching strategy of integrated power and heat systems (Open Access)  
**Authors:** Deng, Bofu ; Teng, Yun ; Hui, Qian ; Zhang, Tieyan ; Qian, Xiaoyi  
**Source title:** IEEE Access
45. **Accession number:** 20201308359584  
**Title:** Electromagnetic and Structural Design of a Novel Low-Speed High-Torque Motor with Dual-Stator and PM-Reluctance Rotor

- Authors:** Zhang, Zhaoyu ; Yu, Siyang ; Zhang, Fengge ; Jin, Shi ; Wang, Xiuhe  
**Source title:** IEEE Transactions on Applied Superconductivity
- 46. Accession number:** 20201308359607  
**Title:** Comparative Research for a Novel Dual-Stator Synchronous Machine with Permanent Magnet-Reluctance Composite Rotor  
**Authors:** Zhang, Yue ; Yu, Siyang ; Liu, Guangwei ; Zhang, He  
**Source title:** IEEE Transactions on Applied Superconductivity
- 47. Accession number:** 20201508387463  
**Title:** Optimal dispatch based on prediction of distributed electric heating storages in combined electricity and heat networks  
**Authors:** Wang, Haixin ; Yang, Junyou ; Chen, Zhe ; Li, Gen ; Liang, Jun ; Ma, Yiming ; Dong, Henan ; Ji, Huichao ; Feng, Jiawei  
**Source title:** Applied Energy
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**Title:** Multi-time scale optimization scheduling strategy for combined heat and power system based on scenario method (Open Access)  
**Authors:** Zhou, Yunhai ; Guo, Shengkai ; Xu, Fei ; Cui, Dai ; Ge, Weichun ; Chen, Xiaodong ; Gu, Bo  
**Source title:** Energies
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**Title:** A new fall detection method based on fuzzy reasoning for an Omni-directional walking training robot  
**Authors:** Wang, Yina ; Xiong, Wenqiu ; Yang, Junyou ; Wang, Shuoyu  
**Source title:** International Journal of Innovative Computing, Information and Control
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**Title:** Research on temperature rise influencing factors and calculation of permanent magnet synchronous motor for vehicle based on magneto-thermal coupling method  
**Authors:** Han, Xue-Yan 1 ; Song, Cong  
**Source title:** Dianji yu Kongzhi Xuebao/Electric Machines and Control
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**Title:** Formation of Crater on Cathode Surface in Vacuum Metal Vapor Arc  
**Authors:** Fu, Si ; Cao, Yundong ; Li, Jing ; Liu, Shuxin ; Han, Ying  
**Source title:** Gaodianya Jishu/High Voltage Engineering
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**Title:** Model Reference Control for Linear Time-Varying Systems: A Direct Parametric Approach (Open Access)  
**Authors:** Liu, Yin-Dong ; Wang, Li-Mei ; Liu, Long-Wen  
**Source title:** IEEE Access
- 53. Accession number:** 20201608460279  
**Title:** Performance analysis and experiment of stator assembled permanent magnet motor for vacuum dry pump  
**Authors:** An, Yue-Jun ; Yang, Wei-Guo ; Hu, Xin ; Huang, Xin ; Wang, Guang-Yu ; Kong, Xiang-Ling ; Bi, De-Long  
**Source title:** Dianji yu Kongzhi Xuebao/Electric Machines and Control

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**Title:** Loss Calculation and Thermal Analysis for High-Speed Permanent Magnet Synchronous Machines (Open Access)  
**Authors:** Zhang, Chao ; Chen, Lixiang ; Wang, Xiaoyu ; Tang, Renyuan  
**Source title:** IEEE Access
- 55. Accession number:** 20201708508467  
**Title:** Loss Estimation of Brushless Doubly-Fed Generator with Hybrid Rotor Considering Multiple Influence Factors (Open Access)  
**Authors:** Yu, Siyang ; Zhang, Yue ; Chen, Changzheng ; Zhang, Fengge ; Nian, Heng  
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**Title:** A Design Method of Air-Cooled Radiator Based on Electric Aircraft Controller (Open Access)  
**Authors:** Wang, Shuli ; Cui, Xing ; Ma, Shaohua ; Pang, Zheyuan ; Feng, Yuning ; Zhang, Shuo  
**Source title:** IEEE Access
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**Title:** Research on Direct Power Control for Brushless Doubly-Fed Wind Power Generator with a Novel Hybrid Rotor  
**Authors:** Su, Xiaoying ; Zhu, Liancheng ; Jin, Shi ; Zhang, Fengge ; Sun, Dan  
**Source title:** Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
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**Title:** Dynamic Boundary Layer Global Complementary Sliding Mode Control for Permanent Magnet Linear Synchronous Motor  
**Authors:** Jin, Hongyan ; Zhao, Ximei ; Yuan, Hao  
**Source title:** Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 59. Accession number:** 20202108693902  
**Title:** Model predictive control strategy based on feedback linearization for brushless doubly fed machine  
**Authors:** Guo, Haiyu ; Yang, Junyou ; Zhang, Xiaoguang ; Cui, Jia  
**Source title:** Taiyangneng Xuebao/Acta Energriae Solaris Sinica
- 60. Accession number:** 20202108701389  
**Title:** Adaptive RBFNN backstepping control for PMLSM servo system  
**Authors:** Zhao, Xi-Mei ; Jin, Yang-Yang ; Wang, Li-Mei  
**Source title:** Dianji yu Kongzhi Xuebao/Electric Machines and Control
- 61. Accession number:** 20202108701843  
**Title:** Novel space vector PWM technology with lower common-mode voltage for dual threephase PMSM  
**Authors:** Zhang, Zhaoyu ; Jin, Shi ; Zhang, Zhifeng ; Zhang, Fengge ; Li, Baolai  
**Source title:** IET Power Electronics
- 62. Accession number:** 20202208709025  
**Title:** Electromagnetic Force Analysis of Eccentric Axial Flux Permanent Magnet Machines (Open Access)  
**Authors:** Li, Qiaoshan ; Zhang, Bingyi ; Liu, Aimin  
**Source title:** Mathematical Problems in Engineering

- 63. Accession number:** 20202208770120  
**Title:** Design and Analysis of Magnetic Field-Free Line in Magnetic Particle Imaging  
**Authors:** Liu, Yangyang ; Du, Qiang ; Ke, Li ; Zu, Wann  
**Source title:** Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
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**Title:** Learning Complementary Sliding Mode Contouring Control Based on Global Task Coordinate Frame for Direct Drive XY Table  
**Authors:** Yuan, Hao ; Zhao, Ximei  
**Source title:** Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 65. Accession number:** 20202408819081  
**Title:** Breaking time control of back-to-back double E-type alternating current contactor (Open Access)  
**Authors:** Qi, Lei ; Zong, Ming ; Hao, Shuyi ; Wang, Xuejie  
**Source title:** International Journal of Distributed Sensor Networks
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**Title:** Optimal operation of flexible heating systems for reducing wind power curtailment  
**Authors:** Sun, Tianhe ; Zhang, Tieyan ; Chen, Zhe ; Teng, Yun  
**Source title:** Electrical Engineering
- 67. Accession number:** 20201408377751  
**Title:** WRC-SDT Based On-Line Detection Method for Offshore Wind Farm Transmission Line (Open Access)  
**Authors:** Wang, X.D. ; Gao, X. ; Liu, Y.M. ; Wang, Y.W.  
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**Title:** Adaptive Time Delay Control of Permanent Magnet Linear Synchronous Motor  
**Authors:** Ji, Xiangchao ; Zhao, Ximei  
**Source title:** Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
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**Title:** Analysis of a Fault-Tolerant Module-Combined Stator Permanent Magnet Synchronous Machine (Open Access)  
**Authors:** Zhang, Bingyi ; Gan, Baoping ; Li, Qiaoshan  
**Source title:** IEEE Access
- 70. Accession number:** 20201908639433  
**Title:** Adaptive Backstepping Global Fast Terminal Sliding Mode Control for Permanent Magnet Linear Synchronous Motor  
**Authors:** Fu, Dongxue ; Zhao, Ximei  
**Source title:** Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 71. Accession number:** 20202108704780  
**Title:** Energy Storage Capacity Allocation Method With Cascade Utilization Based on Battery Health in Microgrids  
**Authors:** Yan, Ning ; Li, Xiangjun ; Zhang, Bo ; Ma, Shaohua ; Wang, Haixin  
**Source title:** Dianwang Jishu/Power System Technology
- 72. Accession number:** 20202108704802

**Title:** Model Predictive Control Strategy for Smoothing Wind Power With Energy Storage Output Level

**Authors:** Liu, Yingming ; Wang, Xiaodong ; Peng, Chaoyang

**Source title:** Dianwang Jishu/Power System Technology

**73. Accession number:** 20202208743332

**Title:** Speed control of permanent magnet linear synchronous motor based on complementary sliding mode control and iterative learning control

**Authors:** Jin, Hong-Yan ; Zhao, Xi-Mei

**Source title:** Kongzhi Lilun Yu Yingyong/Control Theory and Applications

**74. Accession number:** 20202208770131

**Title:** A Parallel Direct-Driven Permanent Magnet Synchronous Motor with Stator Connected Dual-Rotors Synchronous

**Authors:** Dai, Sirui ; Zhang, Bingyi ; Li, Wei ; Feng, Guihong ; Wang, Shuai

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**75. Accession number:** 20202208775104

**Title:** Magnetic and thermodynamic characteristics of a rectangle Ising nanoribbon

**Authors:** Li, Qi ; Li, Run-dong ; Wang, Wei ; Geng, Rui-ze ; Huang, Han ; Zheng, Shu-juan

**Source title:** Physica A: Statistical Mechanics and its Applications

(四) 信息科学与工程学院 (39 篇)

1. **Accession number:** 20191806845310  
**Title:** Phase stability, elastic, anisotropic and thermodynamic properties of HoT<sub>2</sub>Al<sub>20</sub> (T = Ti, V, Cr) intermetallic cage compounds  
**Authors:** Ma, He ; Li, Xiaoyou ; Yu, Hui ; Jiang, Wei ; Zhang, Xudong  
**Source title:** Molecular Simulation
2. **Accession number:** 20191806849181  
**Title:** Supervised Kohonen network with heterogeneous value difference metric for both numeric and categorical inputs  
**Authors:** Zhang, Yuxian ; Gendeel, Mohammed Altayeb Awad ; Peng, Huideng ; Qian, Xiaoyi ; Xu, Hongqing  
**Source title:** Soft Computing
3. **Accession number:** 20194807748920  
**Title:** Adaptive robust H<sub>∞</sub> control for double support balance systems  
**Authors:** Li, Shujiang ; Wang, Wei  
**Source title:** Information Sciences
4. **Accession number:** 20195007822982  
**Title:** A prediction approach using ensemble empirical mode decomposition-permutation entropy and regularized extreme learning machine for short-term wind speed  
**Authors:** Tian, Zhongda ; Li, Shujiang ; Wang, Yanhong  
**Source title:** Wind Energy
5. **Accession number:** 20195107854099  
**Title:** Optimized loam using ground plane constraints and segmatch-based loop detection  
**Authors:** Liu, Xiao ; Zhang, Lei ; Qin, Shengran ; Tian, Daji ; Ouyang, Shihan ; Chen, Chu  
**Source title:** Sensors (Switzerland)
6. **Accession number:** 20200208021532  
**Title:** Off-line chinese signature verification using convolutional neural network  
**Authors:** Hong, Shao ; Rongze, Xu ; Xiaopeng, Guo ; Wencheng, Cui  
**Source title:** Recent Patents on Engineering
7. **Accession number:** 20200308053490  
**Title:** AttentiveHerb: A novel method for traditional medicine prescription generation (Open Access)  
**Authors:** Liu, Zhi ; Zheng, Zeyu ; Guo, Xiwang ; Qi, Liang ; Gui, Jun ; Fu, Dianzheng ; Yao, Qingfeng ; Jin, Luyao  
**Source title:** IEEE Access
8. **Accession number:** 20201108288411  
**Title:** Magnetic flux leakage anomaly edge detection based on data fusion and wavelet transformation  
**Authors:** Cao, Hui ; Yang, Lijian ; Liu, Junfu ; Liu, Bin  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
9. **Accession number:** 20200107983349  
**Title:** Integration Strategies of Pen Interaction and Touch Interaction  
**Authors:** Li, Yan ; Yang, Huimin ; Xin, Yizhong

- Source title:** Jisuanji Fuzhu Sheji Yu Tuxingxue Xuebao/Journal of Computer-Aided Design and Computer Graphics
- 10. Accession number:** 20200808188791  
**Title:** Study on the establishment process and influence factors of high-speed magnetic flux leakage testing  
**Authors:** Yang, Lijian ; Geng, Hao ; Gao, Songwei ; Liu, Bin  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 11. Accession number:** 20200308029176  
**Title:** High-Gain Complementary Inverter Based on Corbino p-Type Tin Monoxide and n-Type Indium-Gallium-Zinc Oxide Thin-Film Transistors  
**Authors:** Joo, Hyo-Jun ; Shin, Min-Gyu ; Kwon, Soo-Hun ; Jeong, Ha-Yun ; Jeong, Hwan-Seok ; Kim, Dae-Hwan ; Jin, Xiaoshi ; Song, Sang-Hun ; Kwon, Hyuck-In  
**Source title:** IEEE Electron Device Letters
- 12. Accession number:** 20200207992188  
**Title:** A Hybrid MIP-CP Approach to Multistage Scheduling Problem in Continuous Casting and Hot-Rolling Processes  
**Authors:** Tan, Yuanyuan ; Zhou, MengChu ; Wang, Yingying ; Guo, Xiwang ; Qi, Liang  
**Source title:** IEEE Transactions on Automation Science and Engineering
- 13. Accession number:** 20200208017824  
**Title:** Dynamic output feedback control for a walking assistance training robot to handle shifts in the center of gravity and time-varying arm of force in omniwheel (Open Access)  
**Authors:** Chang, Hongbin ; Wang, Shuoyu ; Sun, Ping  
**Source title:** International Journal of Advanced Robotic Systems
- 14. Accession number:** 20200408083358  
**Title:** Pipeline magnetic flux leakage image detection algorithm based on multiscale SSD network  
**Authors:** Yang, Lijian ; Wang, Zhujun ; Gao, Songwei  
**Source title:** IEEE Transactions on Industrial Informatics
- 15. Accession number:** 20200608144041  
**Title:** Research on features of pipeline crack signal based on weak magnetic method (Open Access)  
**Authors:** Liu, Bin ; Liu, Ziqi ; Luo, Ning ; He, Luyao ; Ren, Jian ; Zhang, He  
**Source title:** Sensors (Switzerland)
- 16. Accession number:** 20200608123741  
**Title:** Investigation on the Laves phase formation during laser cladding of IN718 alloy by CA-FE  
**Authors:** Xie, Hualong ; Yang, Kun ; Li, Fei ; Sun, Cong ; Yu, Zhipeng  
**Source title:** Journal of Manufacturing Processes
- 17. Accession number:** 20200808202392  
**Title:** Prediction of limb joint angles based on multi-source signals by GS-GRNN for exoskeleton wearer  
**Authors:** Xie, Hualong ; Li, Guanchao ; Zhao, Xiaofei ; Li, Fei  
**Source title:** Sensors (Switzerland)
- 18. Accession number:** 20200608123654



- Title:** A dynamic event-triggered resilient control approach to cyber-physical systems under asynchronous DoS attacks  
**Authors:** Zhang, Zhi-Hui ; Liu, Dan ; Deng, Chao ; Fan, Quan-Yong  
**Source title:** Information Sciences
- 19. Accession number:** 20200808187012  
**Title:** Almost output regulation model reference adaptive control for switched systems: combined adaptive strategy  
**Authors:** Xie, Jing ; Yan, Hua ; Li, Shujiang ; Yang, Dong  
**Source title:** International Journal of Systems Science
- 20. Accession number:** 20200808206620  
**Title:** Thermal deformation of PA66/carbon powder composite made with fused deposition modeling (Open Access)  
**Authors:** Li, Fei ; Sun, Jingyu ; Xie, Hualong ; Yang, Kun ; Zhao, Xiaofei  
**Source title:** Materials
- 21. Accession number:** 20201108293658  
**Title:** Bionics Design of Artificial Leg and Experimental Modeling Research of Pneumatic Artificial Muscles (Open Access)  
**Authors:** Xie, Hualong ; Li, Zhijie ; Li, Fei  
**Source title:** Journal of Robotics
- 22. Accession number:** 20200107973063  
**Title:** SO<sub>2</sub> gas sensing characteristics of FET- and resistor-type gas sensors having WO<sub>3</sub> as sensing material  
**Authors:** Jung, Gyuweon ; Jeong, Yujeong ; Hong, Yoonki ; Wu, Meile ; Hong, Seongbin ; Shin, Wonjun ; Park, Jinwoo ; Jang, Dongkyu ; Lee, Jong-Ho  
**Source title:** Solid-State Electronics
- 23. Accession number:** 20200208027520  
**Title:** A new virtual-real gravity compensated inverted pendulum model and ADAMS simulation for biped robot with heterogeneous legs  
**Authors:** Xie, Hualong ; Zhao, Xiaofei ; Sun, Qiancheng ; Yang, Kun ; Li, Fei  
**Source title:** Journal of Mechanical Science and Technology
- 24. Accession number:** 20200908235731  
**Title:** Short-term wind speed prediction based on LMD and improved FA optimized combined kernel function LSSVM  
**Authors:** Tian, Zhongda  
**Source title:** Engineering Applications of Artificial Intelligence
- 25. Accession number:** 20201008273896  
**Title:** A Kernel-Width Adaption Diffusion Maximum Correntropy Algorithm (Open Access)  
**Authors:** Guo, Ying ; Ma, Bing ; Li, Yingsong  
**Source title:** IEEE Access
- 26. Accession number:** 20200808193577  
**Title:** Product Service Scheduling Problem with Service Matching Based on Tabu Search Method (Open Access)  
**Authors:** Cheng Hao, Liu ; Yan Hong, Wang ; Wei, Qiu Jia ; Zhao, Dong Wei ; Rui, Shan  
**Source title:** Journal of Advanced Transportation

27. **Accession number:** 20200808201019  
**Title:** Flexible Printed Circuit Fracture Detection Based on Hypothesis Testing Strategy (Open Access)  
**Authors:** Li, Dejian ; Li, Shaoli ; Yuan, Weiqi  
**Source title:** IEEE Access
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**Title:** Short-term wind speed forecasting based on autoregressive moving average with echo state network compensation  
**Authors:** Tian, Zhongda ; Wang, Gang ; Ren, Yi  
**Source title:** Wind Engineering
29. **Accession number:** 20201508393133  
**Title:** Insight into the vacancy effects on mechanical and electronic properties of V<sub>5</sub>Si<sub>3</sub> silicides from first-principles calculations  
**Authors:** Zhang, Xudong ; Dong, Tianhui ; Ma, He ; Yu, Hui ; Li, Xiaoyou ; Wang, Feng  
**Source title:** Journal of Molecular Graphics and Modelling
30. **Accession number:** 20201608418163  
**Title:** Amplitude and phase of higher harmonic of magnetic nanoparticles' magnetization under low frequency magnetic field  
**Authors:** Du, Zhongzhou ; Sun, Yi ; Wang, Dandan ; Higashi, Oji ; Bai, Shi ; Noguchi, Yuki ; Enpuku, Keiji ; Yoshida, Takashi  
**Source title:** Journal of Magnetism and Magnetic Materials
31. **Accession number:** 20201608422664  
**Title:** Network traffic prediction method based on wavelet transform and multiple models fusion  
**Authors:** Tian, Zhongda  
**Source title:** International Journal of Communication Systems
32. **Accession number:** 20201708569388  
**Title:** Neural network-based event-triggered fault detection of discrete-time nonlinear uncertain systems  
**Authors:** Zhang, Zhi-Hui ; Wang, Huimin ; Huang, Mingtao  
**Source title:** Journal of the Franklin Institute
33. **Accession number:** 20202208711103  
**Title:** A Defect Detection Method for the Image with Intersecting Feature (Open Access)  
**Authors:** Yuan, Weiqi ; Liu, Yang  
**Source title:** IEEE Access
34. **Accession number:** 20202208711080  
**Title:** Application of Adaptive Cubature Kalman Filter to In-Pipe Survey System for 3D Small-Diameter Pipeline Mapping  
**Authors:** Yang, Yang ; Bin, Li ; Xinjie, Wu ; Lijian, Yang  
**Source title:** IEEE Sensors Journal
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**Title:** An application of backtracking search optimization – based least squares support vector machine for prediction of short-term wind speed  
**Authors:** Tian, Zhongda ; Ren, Yi ; Wang, Gang  
**Source title:** Wind Engineering

- 36. Accession number:** 20202308784969  
**Title:** Research on the detection method of pit on the cylindrical surface of cylindrical coated lithium battery  
**Authors:** Yuan, Weiqi ; Guo, Shaotao  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 37. Accession number:** 20202308791534  
**Title:** Research on online measurement method of corrugated plate depth of plate heat exchanger  
**Authors:** Li, Fei ; Zhang, Ping ; Yuan, Weiqi  
**Source title:** Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 38. Accession number:** 20202208722738  
**Title:** Comment on two papers of chaotic synchronization  
**Authors:** Li, Lixiang ; Peng, Haipeng ; Wang, Xiangdong ; Yang, Yixian  
**Source title:** Physics Letters, Section A: General, Atomic and Solid State Physics
- 39. Accession number:** 20194407599488  
**Title:** Research on internal detection technology for axial crack of long-distance oil and gas pipeline based on micromagnetic method  
**Authors:** Liu, Bin ; Ma, Zeyu ; Liu, Ziqi ; Luo, Ning ; Xu, Xiaobei  
**Source title:** Structural Health Monitoring

(五) 管理学院 (5 篇)

1. **Accession number:** 20193107245850  
**Title:** EPF: A General Framework for Supporting Continuous Top-k Queries Over Streaming Data  
**Authors:** Jiang, Hong ; Zhu, Rui ; Wang, Bin  
**Source title:** Cognitive Computation
2. **Accession number:** 20200207984110  
**Title:** Multiobjective Optimization Model of Production Planning in Cloud Manufacturing Based on TOPSIS Method with Combined Weights (Open Access)  
**Authors:** Li, Zhiru ; Xu, Wei ; Shi, Huibin ; Zhang, Qingshan ; He, Fengyi  
**Source title:** Complexity
3. **Accession number:** 20200908220033  
**Title:** Preventive Maintenance Decision Model of Urban Transportation System Equipment Based on Multi-Control Units  
**Authors:** Li, Huan-Yan ; Xu, Wei ; Cui, Yanjuan ; Wang, Zhou ; Xiao, Meng ; Sun, Zhi-Xiao  
**Source title:** IEEE Access
4. **Accession number:** 20200408082808  
**Title:** Optimized configuration of manufacturing resources for middle and lower batch customization enterprises in cloud manufacturing environment (Open Access)  
**Authors:** Yu, Yinyun ; Xu, Wei  
**Source title:** Complexity
5. **Accession number:** 20201308342400  
**Title:** Designing a Flexible Catering System for High-Speed Railway Considering Departure Time Selection and Time Deadline Constraints (Open Access)  
**Authors:** Jiang, Yang ; Wu, Xin ; Chen, Yao  
**Source title:** IEEE Access

(六) 理学院 (35 篇)

1. **Accession number:** 20191706833486  
**Title:** Preparation and electrochemical properties of biochar from pyrolysis of pomelo peel via different methods  
**Authors:** Song, Xiao-Yi ; Pan, Guang-Xin ; Bai, Yi-Wen ; Liang, Fang ; Xing, Jin-Juan ; Gao, Jun ; Shi, Fa-Nian  
**Source title:** Fullerenes Nanotubes and Carbon Nanostructures
2. **Accession number:** 20191806845310  
**Title:** Phase stability, elastic, anisotropic and thermodynamic properties of HoT<sub>2</sub>Al<sub>20</sub> (T = Ti, V, Cr) intermetallic cage compounds  
**Authors:** Ma, He ; Li, Xiaoyou ; Yu, Hui ; Jiang, Wei ; Zhang, Xudong  
**Source title:** Molecular Simulation
3. **Accession number:** 20194407597452  
**Title:** Fabrication of La-Doped Bi<sub>2</sub>O<sub>3</sub> Nanoparticles with Oxygen Vacancies for Improving Photocatalytic Activity  
**Authors:** Li, Ting ; Quan, Shanyu ; Shi, Xuefeng ; Yang, Linmei ; Liu, Cong  
**Source title:** Catalysis Letters
4. **Accession number:** 20194507634045  
**Title:** Insight into the vacancy effects on mechanical and electronic properties of Tantalum Silicide  
**Authors:** Chen, Jiaying ; Zhang, Xudong ; Li, Dongzhi ; Liu, Cong ; Ma, He ; Ying, Caihong ; Wang, Feng  
**Source title:** Ceramics International
5. **Accession number:** 20194907791553  
**Title:** Photocatalytic degradation of Rhodamine B using CaCu<sub>3</sub>Ti<sub>4</sub>O<sub>12</sub> embedded polyethersulfone hollow fiber membrane  
**Authors:** Otitoju, Tunmise Ayode ; Jiang, Dafu ; Ouyang, Yuanyuan ; Elamin, Mohammed Ahmedelbadawi Mohammed ; Li, Sanxi  
**Source title:** Journal of Industrial and Engineering Chemistry
6. **Accession number:** 20195107871266  
**Title:** Core-shell structured Co@CN nanocomposites as highly efficient dual function catalysts for reduction of toxic contaminants and hydrogen evolution reaction  
**Authors:** Li, Shu-Tong ; Shi, Gui-Mei ; Liang, Jing-Shuang ; Dong, Xing-Long ; Shi, Fa-Nian ; Yang, Lin-Mei ; Lv, Sen-Hao  
**Source title:** Nanotechnology
7. **Accession number:** 20195107872817  
**Title:** Preparation and rheological investigation of tough PAAm hydrogel by adding branched polyethyleneimine  
**Authors:** Guan, Yinyan ; Wang, Li ; Cui, Li ; Shen, Xinjun ; Gao, Weichun ; Meng, Jing ; Li, Dan ; Shen, Chenguang ; Zhang, Yichen ; Hu, Guodong ; Liang, Jiyan  
**Source title:** Journal of Applied Polymer Science
8. **Accession number:** 20195207904828

**Title:** A first principles investigation on the influence of transition-metal elements on the structural, mechanical, and anisotropic properties of CaM<sub>2</sub>Al<sub>20</sub> intermetallics

**Authors:** Zhang, Xudong ; Dong, Tianhui ; Ma, He ; Li, Dongzhi ; Ying, Caihong ; Liu, Cong ; Wang, Feng

**Source title:** Journal of Molecular Graphics and Modelling

9. **Accession number:** 20195207939362

**Title:** Vehicle Attribute Recognition for Normal Targets and Small Targets Based on Multitask Cascaded Network (Open Access)

**Authors:** Liu, Fang ; Zhang, Yong ; Gong, Hua ; Xu, Ke ; Cai, Ligang

**Source title:** Complexity

10. **Accession number:** 20195307950726

**Title:** Electrochemical Polymerization of Methoxy Polyethylene Glycol Acrylate on Carbon Fiber for Improved Interfacial Properties

**Authors:** Li, Qiu ; Zhang, Ai-ling ; Zhang, Meng ; Li, Fang-fang ; Wang, Song ; Li, San-xi ; Li, Yong-jiang ; Sun, Ze-fei

**Source title:** Fibers and Polymers

11. **Accession number:** 20201108290933

**Title:** Effects of electrolytic oxidation for mitigating ultrafiltration membrane fouling caused by different natural organic matter fractions

**Authors:** Xu, Tao ; Cui, Li ; Li, Honghan ; Zou, Peng ; Liang, Jiyan

**Source title:** Environmental Science: Water Research and Technology

12. **Accession number:** 20200107969062

**Title:** Study on magnetic and thermodynamic characteristics of core-shell graphene nanoribbon

**Authors:** Si, Nan ; Wang, Jiu-Ming ; Guo, An-Bang ; Zhang, Fan ; Zhang, Feng-Ge ; Jiang, Wei

**Source title:** Physica E: Low-Dimensional Systems and Nanostructures

13. **Accession number:** 20200708165350

**Title:** Removal of perfluoroalkanesulfonic acids (PFSA) from synthetic and natural groundwater by electrocoagulation

**Authors:** Bao, Jia ; Yu, Wen-Jing ; Liu, Yang ; Wang, Xin ; Liu, Zhi-Qun ; Duan, Yan-Fang

**Source title:** Chemosphere

14. **Accession number:** 20200308051571

**Title:** The mechanism of elastic and electronic properties of Tungsten Silicide (5/3) with vacancy defect from the first-principles calculations

**Authors:** Li, Dongzhi ; Zhang, Xudong ; Chen, Jiaying ; Liu, Yang ; Wang, Feng

**Source title:** Vacuum

15. **Accession number:** 20200608149614

**Title:** Removal of perfluoroalkanesulfonic acids (PFSA) from synthetic and natural groundwater by electrocoagulation

**Authors:** Bao, Jia ; Yu, Wen-Jing ; Liu, Yang ; Wang, Xin ; Liu, Zhi-Qun ; Duan, Yan-Fang

**Source title:** Chemosphere

16. **Accession number:** 20200308050974

**Title:** The influence of vacancy defects on elastic and electronic properties of TaSi (5/3) desilicides from a first-principles calculations

- Authors:** Chen, Jiaying ; Zhang, Xudong ; Ying, Caihong ; Ma, He ; Li, Jun ; Wang, Feng ; Guo, Hui  
**Source title:** Ceramics International
17. **Accession number:** 20200908214983  
**Title:** Advanced ceramic components: Materials, fabrication, and applications  
**Authors:** Ayode Otitoju, Tunmise ; Ugochukwu Okoye, Patrick ; Chen, Guanting ; Li, Yang ; Onyeka Okoye, Martin ; Li, Sanxi  
**Source title:** Journal of Industrial and Engineering Chemistry
18. **Accession number:** 20201508393092  
**Title:** Application of NiO-modified NiCo<sub>2</sub>O<sub>4</sub> hollow spheres for high performance lithium ion batteries and supercapacitors  
**Authors:** Sun, Ping-Ping ; Zhang, Yu-Hang ; Pan, Guang-Xin ; Yu, Xuehua ; Shi, Qi ; Tian, Bo ; Gao, Jun ; Shi, Fa-Nian  
**Source title:** Journal of Alloys and Compounds
19. **Accession number:** 20201508393133  
**Title:** Insight into the vacancy effects on mechanical and electronic properties of V<sub>5</sub>Si<sub>3</sub> silicides from first-principles calculations  
**Authors:** Zhang, Xudong ; Dong, Tianhui ; Ma, He ; Yu, Hui ; Li, Xiaoyou ; Wang, Feng  
**Source title:** Journal of Molecular Graphics and Modelling
20. **Accession number:** 20201508409322  
**Title:** Sliding Mode Control for Fuzzy Singular Systems with Time Delay Based on Vector Integral Sliding Mode Surface  
**Authors:** Zhang, Yi ; Zhang, Qingling ; Zhang, Jianyu ; Wang, Yingying  
**Source title:** IEEE Transactions on Fuzzy Systems
21. **Accession number:** 20201608430733  
**Title:** A brand-new bimetallic copper-lithium HEDP complex of fast ion migration as a promising anode for lithium ion batteries  
**Authors:** Pan, Guang-Xin ; Zhang, Yu-Hang ; Sun, Ping-Ping ; Yu, Xuehua ; Gao, Jun ; Shi, Fa-Nian  
**Source title:** Journal of Molecular Structure
22. **Accession number:** 20201608460611  
**Title:** Bimetallic coordination polymer composites: A new choice of electrode materials for lithium ion batteries  
**Authors:** Kang, Ying ; Zhang, Yu-Hang ; Sun, Ping-Ping ; Huang, Peng-Bin ; Yu, Xuehua ; Shi, Qi ; Tian, Bo ; Gao, Jun ; Shi, Fa-Nian  
**Source title:** Solid State Ionics
23. **Accession number:** 20201808609650  
**Title:** Lithium - Lanthanide Bimetallic Metal - Organic Frameworks towards Negative Electrode Materials for Lithium-Ion Batteries  
**Authors:** Song, Xiao-Yi ; Zhang, Yu-Hang ; Sun, Ping-Ping ; Gao, Jun ; Shi, Fa-Nian  
**Source title:** Chemistry - A European Journal
24. **Accession number:** 20202008649606  
**Title:** MOF decomposed for the preparation of Co<sub>3</sub>O<sub>4</sub>/N-doped carbon with excellent microwave absorption

- Authors:** Bai, Yi-Wen ; Shi, Guimei ; Gao, Jun ; Shi, Fa-Nian  
**Source title:** Journal of Solid State Chemistry
- 25. Accession number:** 20202108698088  
**Title:** An optimized angular total internal reflection sensor with high resolution in vanadium flow batteries  
**Authors:** Ma, Kaijie ; Kuang, Xiangrong ; Liu, Le; Zhang, Yunong ; Sun, Yunxu ; Xi, Jingyu ; He, Yonghong ; Li, Dongzhi  
**Source title:** IEEE Transactions on Instrumentation and Measurement
- 26. Accession number:** 20202208718581  
**Title:** Preparation of superhydrophobic fabric by silicone graft polymerization  
**Authors:** Wang, Meishu ; Liu, Haifeng ; Sun, Yifeng ; Ye, Xiaoji ; Sun, Yaru  
**Source title:** Jingxi Huagong/Fine Chemicals
- 27. Accession number:** 20202208760626  
**Title:** Effect of mixing cassava, potato and sweet potato starches on the properties of their blends (Open Access)  
**Authors:** Hongbo, Tang ; Yanping, Li ; Haoran, Ma ; Min, Sun  
**Source title:** Cellulose Chemistry and Technology
- 28. Accession number:** 20202508846988  
**Title:** Preparation and characterization of wood-plastic composite by utilizing a hybrid compatibilizer system  
**Authors:** Elamin, Mohammed Ahmedelbadawi Mohammed ; Li, San Xi ; Osman, Zeinab Abdelrahim ; Otitoju, Tunmise Ayode  
**Source title:** Industrial Crops and Products
- 29. Accession number:** 20201908617470  
**Title:** Physical hydrogel with tunable flowability and self-recovery properties through introducing branched polymer and nanoparticle  
**Authors:** Wang, Li ; Guan, Yinyan ; Ming, Hao ; Gao, Weichun ; Shen, Xinjun ; Wang, Xiaolei ; Liang, Jiyan  
**Source title:** Polymer
- 30. Accession number:** 20202108678925  
**Title:** Microwave absorption and thermal conductivity properties of HO-BNNS@Fe<sub>3</sub>O<sub>4</sub> composites  
**Authors:** Bai, Yufeng ; Liu, Rui ; Wang, Lixia ; Ge, Chunhua ; Shi, Guimei ; Zhang, Xiangdong  
**Source title:** Journal of Alloys and Compounds
- 31. Accession number:** 20202208738899  
**Title:** Synthesis and properties of SrAl<sub>2</sub>O<sub>4</sub>:Eu<sup>2+</sup>, Dy<sup>3+</sup> nanowires  
**Authors:** Li, Zhi-jie ; Zhang, Yu-feng ; Wu, Xiao ; Qin, Chu-yang ; Shi, Gui-mei  
**Source title:** Physics Letters, Section A: General, Atomic and Solid State Physics
- 32. Accession number:** 20202208751271  
**Title:** Synthesis and crystal structure of a Mn-based coordination complex as precursor for the synthesis of Mn<sub>2</sub>O<sub>3</sub>  
**Authors:** Wang, Ao ; Huang, Peng-Bin ; Sun, Ping-Ping ; Shi, Fa-Nian ; Tian, Bo ; Gao, Jun  
**Source title:** Inorganica Chimica Acta
- 33. Accession number:** 20202208775104



**Title:** Magnetic and thermodynamic characteristics of a rectangle Ising nanoribbon

**Authors:** Li, Qi ; Li, Run-dong ; Wang, Wei ; Geng, Rui-ze ; Huang, Han ; Zheng, Shu-juan

**Source title:** Physica A: Statistical Mechanics and its Applications

**34. Accession number:** 20202308782377

**Title:** Effect of MgO/Mg Nanopowders Added to Grain Boundary on Magnetic Properties and Corrosion Resistance of Sintered Nd-Fe-B

**Authors:** Yang, Yang ; Li, Zhijie ; Lv, Senhao ; Zhuang, Bowen ; Zhi, Pengyuan

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

**35. Accession number:** 20202308800005

**Title:** The fabrication of paper separation channel based SERS substrate and its recyclable separation and detection of pesticides

**Authors:** Jin, Xiangying ; Guo, Pengran ; Guan, Peng ; Wang, Song ; Lei, Yongqian ; Wang, Guanhua

**Source title:** Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy

(七) 建筑与土木工程学院 (5 篇)

1. **Accession number:** 20191706821887  
**Title:** Analysis and Design of Seismic Robustness of FRP-Reinforced Frame based on Interlayer Displacement  
**Authors:** Sheng, Guohua ; Bai, Quan ; Jin, Shengji ; Yu, He ; Li, Mingfei  
**Source title:** KSCE Journal of Civil Engineering
2. **Accession number:** 20201108284075  
**Title:** Chromium speciation and leaching behaviors of hexavalent chromium contaminated soil stabilized by FeSO<sub>4</sub>  
**Authors:** Zhang, Ting-Ting ; Li, Jiang-Shan ; Xue, Qiang ; Wang, Ping ; Xiong, Huan ; Liang, Shi-Hua  
**Source title:** Yantu Lixue/Rock and Soil Mechanics
3. **Accession number:** 20200308053831  
**Title:** Density functional theory study on electrical properties of graphyne propane under tension and compression deformation (Open Access)  
**Authors:** Wei, Lin ; Liu, Guili ; Zhang, Guoying  
**Source title:** Materials Research Express
4. **Accession number:** 20200908214851  
**Title:** Elastic-plastic Constitutive Model and Program Implementation Based on the Generalized Double  $\tau$  2 Strength Theory  
**Authors:** Wang, Junxiang ; Chen, Sili ; Dong, Jianhua  
**Source title :** Yingyong Jichu yu Gongcheng Kexue Xuebao/Journal of Basic Science and Engineering
5. **Accession number:** 20202208736816  
**Title:** Enhanced thermoelectric properties of the AGNR – GYNR heterojunctions  
**Authors:** Zhou, Benhu ; Gao, Yufei ; Zhou, Benliang ; Yao, Yagang ; Zhou, Guanghui ; Hu, Ming  
**Source title:** Physics Letters, Section A: General, Atomic and Solid State Physics

(八) 软件学院 (1 篇)

1. **Accession number:** 20201708508548

**Title:** Phased groupwise face alignment (Open Access)

**Authors:** Zhang, Gang ; Qin, Han ; Ke, Yuding ; Chen, Jiansheng ; Gong, Yanmin

**Source title:** IEEE Access

(九) 外国语学院 (1 篇)

1. **Accession number:** 20200308051571

**Title:** The mechanism of elastic and electronic properties of Tungsten Silicide (5/3) with vacancy defect from the first-principles calculations

**Authors:** Li, Dongzhi ; Zhang, Xudong ; Chen, Jiaying ; Liu, Yang ; Wang, Feng

**Source title:** Vacuum

(十) 石油化工学院 (7 篇)

1. **Accession number:** 20195207901193  
**Title:** Exploration of High Efficiency AIE-Active Deep/Near-Infrared Red Emitters in OLEDs with High-Radiance  
**Authors:** Wan, Qing ; Tong, Jialin ; Zhang, Bing ; Li, Yin ; Wang, Zhiming ; Tang, Ben Zhong  
**Source title:** Advanced Optical Materials
2. **Accession number:** 20200207989945  
**Title:** CO<sub>2</sub>/N<sub>2</sub> separation performance of Pebax/MIL-101 and Pebax /NH<sub>2</sub>-MIL-101 mixed matrix membranes and intensification via sub-ambient operation  
**Authors:** Song, Chunfeng ; Li, Run ; Fan, Zhichao ; Liu, Qingling ; Zhang, Bing ; Kitamura, Yutaka  
**Source title:** Separation and Purification Technology
3. **Accession number:** 20200508112890  
**Title:** Keto-salicylaldehyde azine: Asymmetric substituent effect on their optical properties via electron-donating group insertion  
**Authors:** Tong, Jialin ; Zhang, Kexin ; Wang, Jing ; Li, Hui ; Zhou, Fan ; Wang, Zhiming ; Zhang, Xiaojuan ; Tang, Ben Zhong  
**Source title:** Journal of Materials Chemistry C
4. **Accession number:** 20202308801341  
**Title:** Highly efficient non-doped blue fluorescent OLEDs with low efficiency roll-off based on hybridized local and charge transfer excited state emitters (Open Access)  
**Authors:** Lv, Xianhao ; Sun, Mizhen ; Xu, Lei ; Wang, Runzhe ; Zhou, Huayi ; Pan, Yuyu ; Zhang, Shitong ; Sun, Qikun ; Xue, Shanfeng ; Yang, Wenjun  
**Source title:** Chemical Science
5. **Accession number:** 20201208321581  
**Title:** Pebax/MWCNTs-NH<sub>2</sub> mixed matrix membranes for enhanced CO<sub>2</sub>/N<sub>2</sub> separation  
**Authors:** Song, Chunfeng ; Mujahid, Muhammad ; Li, Run ; Ahmad, Siraj ; Liu, Qingling ; Zhang, Bing ; Kitamura, Yutaka  
**Source title:** Greenhouse Gases: Science and Technology
6. **Accession number:** 20201608414808  
**Title:** Planarized intramolecular charge transfer on triphenylamine-modified pyrazine and its application in organic light-emitting diodes  
**Authors:** Zhang, Bing ; Wu, Haozhong ; Wang, Zhiming ; Qin, Anjun ; Tang, Ben Zhong  
**Source title:** Journal of Materials Chemistry C
7. **Accession number:** 20201708550747  
**Title:** Feasible structure-modification strategy for inhibiting aggregation-caused quenching effect and constructing exciton conversion channels in acridone-based emitters  
**Authors:** Wan, Qing ; Zhang, Bing ; Tong, Jialin ; Li, Yin ; Wu, Haozhong ; Zhang, Han ; Wang, Zhiming ; Pan, Yuyu ; Tang, Ben Zhong  
**Source title:** Physical Chemistry Chemical Physics

(十一) 化工过程自动化学院 (1 篇)

1. **Accession number:** 20201808586886  
**Title:** Retrieval of UML Class Diagrams Based on Semantics and Structure  
**Authors:** Yuan, Zhong-Chen ; Ma, Zong-Min  
**Source title:** Dongbei Daxue Xuebao/Journal of Northeastern University

(十二) 化工装备学院 (5 篇)

1. **Accession number:** 20200107964008  
**Title:** Effect of pH of Polyether Macromolecule Solution on Properties of Water Reducer  
**Authors:** Zhang, Guo-Hong ; Li, Xiao-Li ; Zhang, Rui-Lin ; Wei, Xiao-Bo ; Li, Hong-Yang  
**Source title:** Jingxi Huagong/Fine Chemicals
2. **Accession number:** 20201208312854  
**Title:** Effect of annealing treatment on microstructures and mechanical properties of TC4 titanium alloy manufactured by laser deposition  
**Authors:** Qin, Lan-Yun ; He, Xiao-Di ; Li, Ming-Dong ; Yang, Guang ; Gao, Bo-Wen  
**Source title:** Cailiao Gongcheng/Journal of Materials Engineering
3. **Accession number:** 20201408375810  
**Title:** Adaptive backstepping sliding mode controller for a shape memory alloy actuator  
**Authors:** Li, Xiao-Guang ; Zhang, Bi ; Zhao, Xin-Gang ; Zhang, Dao-Hui  
**Source title:** Kongzhi Lilun Yu Yingyong/Control Theory and Applications
4. **Accession number:** 20201708509382  
**Title:** Cause analysis and solving measures of high oil temperature in a series of wind turbine gearboxes  
**Authors:** Xu, Zengjin ; Xue, Yuanyuan ; Yang, Yongjiang ; Xing, Zuoxia  
**Source title:** Taiyangneng Xuebao/Acta Energetica Sinica
5. **Accession number:** 20201208324200  
**Title:** Identification of COPD from Multi-View Snapshots of 3D Lung Airway Tree via Deep CNN (Open Access)  
**Authors:** Du, Ran ; Qi, Shouliang ; Feng, Jie ; Xia, Shuyue ; Kang, Yan ; Qian, Wei ; Yao, Yu-Dong  
**Source title:** IEEE Access

(十三) 其他: 未注明学院 (10 篇)

1. **Accession number:** 20192807159235  
**Title:** Investment strategy analysis of emission-reduction technology under cost subsidy policy in the carbon trading market  
**Authors:** Hou, Qiang ; Sun, Jiayi  
**Source title:** Kybernetes
2. **Accession number:** 20200208027810  
**Title:** Effect of TiN on microstructure and wear resistance of Fe-Cr-C hardfacing alloy  
**Authors:** Liu, Zhengjun ; Li, Dongrui ; Wang, Wenxin ; Su, Yunhai  
**Source title:** Hanjie Xuebao/Transactions of the China Welding Institution
3. **Accession number:** 20200207986183  
**Title:** Privacy-preserving k-Nearest Neighbor Classifier  
**Authors:** Xu, Jian ; Wang, An-Di ; Bi, Meng ; Zhou, Fu-Cai  
**Source title:** Ruan Jian Xue Bao/Journal of Software
4. **Accession number:** 20200808208785  
**Title:** A Model and Coordinated Optimization for the Multi-energy Storage System of Electricity Heat Hydrogen to Regulation Enhancement of Power Grid  
**Authors:** Teng, Yun ; Wang, Zedi ; Jin, Hongyang ; Zhou, Guiping ; Chen, Zhe  
**Source title :** Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering
5. **Accession number:** 20201008275907  
**Title:** Crystallization control and microstructural properties of laser welded Zr<sub>67.8</sub>Cu<sub>24.7</sub>Al<sub>3.43</sub>Ni<sub>4.07</sub> bulk metallic glasses  
**Authors:** Ma, Yanyi ; Wang, Haiyan ; Zhang, Yupeng ; Yi, Yaoyong ; Dong, Fuyu  
**Source title:** Hanjie Xuebao/Transactions of the China Welding Institution
6. **Accession number:** 20200808198157  
**Title:** Analysis of scientific and technological innovation influence factors affect enterprise performance  
**Authors:** Ma, Jun ; Guo, Mingshun  
**Source title:** International Journal of Internet Manufacturing and Services
7. **Accession number:** 20200708154929  
**Title:** Investigation on  $\gamma'$  to  $\gamma''$  transition in an IN718G superalloy during heat treatment, using first principle  
**Authors:** Sugui, Tian ; Haofang, Sun ; Ying, Jin  
**Source title:** Materials Characterization
8. **Accession number:** 20201208321072  
**Title:** Posture recognition technology based on kinect (Open Access)  
**Authors:** Li, Yan ; Chu, Zhijie; Xin, Yizhong  
**Source title:** IEICE Transactions on Information and Systems
9. **Accession number:** 20201308348695  
**Title:** The effect of Co and Cr substitutions for Ni on mechanical properties and plastic deformation mechanism of FeMnCoCrNi high entropy alloys  
**Authors:** Zhang, H.F. ; Yan, H.L. ; Yu, H. ; Ji, Z.W. ; Hu, Q.M. ; Jia, N.

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

**10. Accession number:** 20202208727844

**Title:** Effect of inorganic nanolayers on electron injection in polymer light-emitting diodes

**Authors:** Quan, Shanyu ; Teng, Feng ; Xu, Zheng ; Wang, Dongdong ; Yang, Shengyi ; Hou, Yanbin ; Wang, Yongsheng

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

## 二、2020 年第一、二季度 Ei (CA) 收录各学院论文情况

### (一) 机械工程学院 (4 篇)

- 1. Accession number:** 20200308040830  
**Title:** The Microstructure and Mechanical Properties of 308L Alloy Fabricated by Micro-plasma Arc Additive Manufacturing (Open Access)  
**Authors:** Ren, Xianghui ; Yu, Chen ; Zhang, Wenjie  
**Source title:** Journal of Physics: Conference Series
- 2. Accession number:** 20201508410260  
**Title:** Optimal Control Strategy for Nonlinear Vibration of Beam Structures  
**Authors:** Jiang, Jiao ; Chen, Changzheng ; Bo, Lei ; Wang, Zhong  
**Source title:** Advances in Intelligent Systems and Computing
- 3. Accession number:** 20202208716949  
**Title:** Suspension characteristics of a zero-power permanent magnetic suspension system with flux path control  
**Authors:** Zhou, Ran ; Yan, Mingyin ; Guo, Yongquan ; Jin, Junjie ; Sun, Feng ; Zhang, Xiaoyou ; Oka, Koichi  
**Source title:** International Journal of Applied Electromagnetics and Mechanics
- 4. Accession number:** 20202208766713  
**Title:** DNN Based Camera and Lidar Fusion Framework for 3D Object Recognition (Open Access)  
**Authors:** Zhang, K. ; Wang, S.J. ; Ji, L. ; Wang, C.  
**Source title:** Journal of Physics: Conference Series



(二) 电气工程学院 (46 篇)

1. **Accession number:** 20195007812671  
**Title:** Adaptive Command Current Observation Algorithm of UPQC on Experimental Microgrid (Open Access)  
**Authors:** Dong, Henan ; Zhai, Xiaohan ; Wang, Gang ; Shao, Baozhu ; Ding, Xiying  
**Source title:** IOP Conference Series: Materials Science and Engineering
2. **Accession number:** 20195007815932  
**Title:** Research on Reactive Power Adjustment Capability of Hydro-generators (Open Access)  
**Authors:** Jiang, Dawei ; Qian, Xinyu ; Yu, Longbin ; Wang, Guanyu ; Zhao, Zijian ; Cheng, Xiang ; Li, Jing  
**Source title:** IOP Conference Series: Materials Science and Engineering
3. **Accession number:** 20195007835144  
**Title:** Air-gap magnetic field analysis of dual-stator brushless doubly-fed generator based on analytic method  
**Authors:** Liu, Hao ; Zhang, Fengge ; Dai, Rui  
**Source title:** ITEC Asia-Pacific 2019 - 2019 IEEE Transportation Electrification Conference and Expo, Asia-Pacific: New Paradigm Shift, Sustainable E-Mobility
4. **Accession number:** 20195007835165  
**Title:** Thermal analysis and calculation of double stator brushless doubly-fed generator for wind power generation  
**Authors:** Jiang, Xiaodong ; Zhang, Fengge ; Dai, Rui  
**Source title:** ITEC Asia-Pacific 2019 - 2019 IEEE Transportation Electrification Conference and Expo, Asia-Pacific: New Paradigm Shift, Sustainable E-Mobility
5. **Accession number:** 20195007835182  
**Title:** Rotor eddy current loss research and design factors analysis on thermal performance for a high-speed permanent magnet synchronous machine  
**Authors:** Jiang, Xiaodong ; Zhang, Fengge ; Dai, Rui  
**Source title:** ITEC Asia-Pacific 2019 - 2019 IEEE Transportation Electrification Conference and Expo, Asia-Pacific: New Paradigm Shift, Sustainable E-Mobility
6. **Accession number:** 20195007835241  
**Title:** A nonlinear three-dimensional flux linkage modeling method for axial flux coil assisted stator excitation BLDCM based on fourier series  
**Authors:** Liu, Aimin ; Ren, Da ; Yu, Siyang ; Lou, Jiachuan  
**Source title:** ITEC Asia-Pacific 2019 - 2019 IEEE Transportation Electrification Conference and Expo, Asia-Pacific: New Paradigm Shift, Sustainable E-Mobility
7. **Accession number:** 20195207899045  
**Title:** Fuzzy Sliding Mode Control of Magnetic Levitation System of Controllable Excitation Linear Synchronous Motor  
**Authors:** Lan, Yipeng ; Li, Jie ; Zhang, Fengge ; Zong, Ming  
**Source title:** 2019 IEEE Industry Applications Society Annual Meeting, IAS 2019
8. **Accession number:** 20195207899355

- Title:** A Reliable and Controllable Motor Actuator without Permanent Magnetic for 40.5kV Vacuum Circuit Breakers  
**Authors:** Lou, Jiachuan ; Liu, Aimin ; Yu, Siyang  
**Source title:** 2019 IEEE Industry Applications Society Annual Meeting, IAS 2019
- 9. Accession number:** 20195207923608  
**Title:** Elimination of Transformer Inrush Current by Three-Phase Linkage Circuit Breakers  
**Authors:** Zhao, Chunfang ; Song, Yundong ; Kong, Dewei ; Yang, Yue ; Luo, Dan ; Jin, Yaling ; Guo, Rui  
**Source title:** Advances in Intelligent Systems and Computing
- 10. Accession number:** 20200708171141  
**Title:** A Loss Calculation Method of Motor Stator Core Excited by Harmonic Magnetic Field Based on Multiscale Energy Model  
**Authors:** Li, Mingxin ; Zhang, Yanli ; Wang, Zhen ; Pi, Hongmei  
**Source title:** 2019 IEEE Student Conference on Electric Machines and Systems, SCEMS 2019
- 11. Accession number:** 20200308042149  
**Title:** Research on the Pressure Characteristics of 550kV Single-Break Self-Blasting Circuit Breaker during the Breaking Process  
**Authors:** Li, Ruisong ; Lin, Xin ; Song, Yu ; Xu, Jianyuan ; Xia, Yalong ; Geng, Zhenxin  
**Source title:** Proceedings of the 2019 5th International Conference on Electric Power Equipment - Switching Technology: Frontiers of Switching Technology for a Future Sustainable Power System, ICEPE-ST 2019
- 12. Accession number:** 20200308042020  
**Title:** Analysis of Ferromagnetic Resonance in 550 kV GIS Electromagnetic Voltage Transformer  
**Authors:** Leng, Shuang ; Hao, Sha ; Lin, Xin ; Cao, Chen ; Li, Xiaolong  
**Source title:** Proceedings of the 2019 5th International Conference on Electric Power Equipment - Switching Technology: Frontiers of Switching Technology for a Future Sustainable Power System, ICEPE-ST 2019
- 13. Accession number:** 20200107954016  
**Title:** Design and Research of Tubular Frequency Multiplication Permanent Magnet Linear Oscillation Generator  
**Authors:** Dou, Rao ; Peng, Bing ; Jin, Shi  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 14. Accession number:** 20200107954381  
**Title:** Magnetic Circuit Model and Finite Element Analyze of Stator Excitation Transverse Flux High Speed Permanent Magnet Synchronous Machine  
**Authors:** Liang, Jiesheng ; Liu, Guangwei ; Zhang, Fengge ; Jin, Shi ; Wang, Dapeng ; Liang, Bingxue  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 15. Accession number:** 20200107953889  
**Title:** Cross-coupled Contour Tracking Control of Direct Drive H-type Platform Based on Real-time Contour Error Estimation  
**Authors:** Zhang, Kang ; Wang, Limei

- Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 16. Accession number:** 20200308042016  
**Title:** Calculation of Thermodynamic Physical Parameters of C5F10O/CO2 and C6F12O/CO2 Mixtures  
**Authors:** Lin, Xin ; Cui, Zhaoxuan ; Geng, Zhenxin ; Zhang, Jia ; Zhang, Zhen ; Xu, Jianyuan  
**Source title:** Proceedings of the 2019 5th International Conference on Electric Power Equipment - Switching Technology: Frontiers of Switching Technology for a Future Sustainable Power System, ICEPE-ST 2019
- 17. Accession number:** 20200308042091  
**Title:** DC Transformer Detection of Power Transformer Based on Characteristic Analysis of Vibration Signal  
**Authors:** Wang, Jinlong ; Xu, Jianyuan ; Cao, Chen ; Lin, Xin ; Hao, Sha  
**Source title:** Proceedings of the 2019 5th International Conference on Electric Power Equipment - Switching Technology: Frontiers of Switching Technology for a Future Sustainable Power System, ICEPE-ST 2019
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**Title:** Influence of Metallic Particles on Flashover Characteristics of Basin-type Insulator under DC Voltage in GIS/GIL  
**Authors:** Li, Wei ; Wang, Wenjie ; Lin, Xin ; Hao, Liucheng ; Ge, Fan ; Li, Xiaolong  
**Source title:** Proceedings of the 2019 5th International Conference on Electric Power Equipment - Switching Technology: Frontiers of Switching Technology for a Future Sustainable Power System, ICEPE-ST 2019
- 19. Accession number:** 20200408069503  
**Title:** Adaptive Sliding Mode Control for Omnidirectional Mobile Robot Based on A New Friction Modeling  
**Authors:** Fu, Xiangnan ; Wang, Shuoyu ; Yang, Juyou ; Wang, Yina ; Liu, Ziyuan  
**Source title:** Proceedings of 2018 International Computers, Signals and Systems Conference, ICOMSSC 2018
- 20. Accession number:** 20200408069556  
**Title:** Novel Walking-Intention Recognition Method for Omnidirectional Walking Support Robot  
**Authors:** Ziyuan, Liu ; Junyou, Yang ; Yina, Wang ; Xiangnan, Fu  
**Source title:** Proceedings of 2018 International Computers, Signals and Systems Conference, ICOMSSC 2018
- 21. Accession number:** 20200107954075  
**Title:** Loss Analysis of the Permanent Magnet Motor with an Amorphous Stator Core by Considering the Influences of Manufacturing Processes  
**Authors:** Zhu, Longfei ; Han, Xueyan ; Tang, Renyuan ; Zhu, Jianguo  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 22. Accession number:** 20200107954581  
**Title:** No-load Iron Loss of a Surface-Mounted Permanent Magnet Synchronous Motor utilizing an Amorphous Metal Stator Core  
**Authors:** Tong, Wenming ; Sun, Ruolan ; Wu, Shengnan

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- 23. Accession number:** 20200107953922  
**Title:** Multi-physics Coupling Analysis of Vibration and Noise of Dry-type Distribution Transformer Core  
**Authors:** Fu, Xiaoshuo ; Zhang, Yanli ; Zhang, Dianhai ; Li, Li ; Fan, Xiaopeng ; Zhou, Yongyan  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 24. Accession number:** 20200308042090  
**Title:** DC Contactor Energy Conversion Research  
**Authors:** Gu, Jiahuan ; Cai, Zhiyuan ; Ma, Shaohua ; Zheng, Yahong  
**Source title:** Proceedings of the 2019 5th International Conference on Electric Power Equipment - Switching Technology: Frontiers of Switching Technology for a Future Sustainable Power System, ICEPE-ST 2019
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**Title:** Design and Analysis of Cooling System for 3.2MW Split-type Permanent Magnet Direct-driven Wind Turbine Generator  
**Authors:** Fan, Jinpeng ; Tian, Yanfeng ; Xing, Zuoxia ; Qi, Fengsheng ; Li, Di ; Deng, Liping  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 26. Accession number:** 20200308042141  
**Title:** A Novel Method for Calculating Residual Magnetic Flux of DC Contactors  
**Authors:** Li, Baiqiang ; Ma, Shaohua ; Cai, Zhiyuan ; Zheng, Yahong  
**Source title:** Proceedings of the 2019 5th International Conference on Electric Power Equipment - Switching Technology: Frontiers of Switching Technology for a Future Sustainable Power System, ICEPE-ST 2019
- 27. Accession number:** 20200308042050  
**Title:** Numerical Calculation and Analysis of UHV GIL HSGS during Breaking Process  
**Authors:** Zhu, Ying ; Lin, Xin ; Zhang, Jia ; Tan, Shengwu ; Song, Yu ; Sun, Yingjie  
**Source title:** Proceedings of the 2019 5th International Conference on Electric Power Equipment - Switching Technology: Frontiers of Switching Technology for a Future Sustainable Power System, ICEPE-ST 2019
- 28. Accession number:** 20200107953623  
**Title:** Electromagnetic Design and Analysis of Single Hybrid Rotor Double Stator Low Speed Motor  
**Authors:** Jin, Shi ; Jing, Xiaojie ; Zhang, Zhaoyu ; Liu, Jinxing ; Zhang, Fengge  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 29. Accession number:** 20200107953558  
**Title:** Performance Characteristics of High Speed Permanent Magnet Machine with Different Rotor Retaining Sleeve  
**Authors:** Zhang, Chao ; Chen, Lixiang ; Yu, Shenbo ; Ma, Xin ; Wang, Xiaoyu ; Tang, Renyuan

- Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 30. Accession number:** 20200308041736  
**Title:** Design of Circuit Breaker Monitoring System Based on MODBUS Protocol in Delphi Compiler Environment  
**Authors:** Pang, Zheyuan ; Cai, Zhiyuan ; Ma, Shaohua ; Zheng, Yahong  
**Source title:** Proceedings of the 2019 5th International Conference on Electric Power Equipment - Switching Technology: Frontiers of Switching Technology for a Future Sustainable Power System, ICEPE-ST 2019
- 31. Accession number:** 20200107953764  
**Title:** Simulation Analysis and Experiment Validation of Vibration and Noise of Oil-immersed Transformer  
**Authors:** Yang, Fenggang ; Ren, Ziyang ; Zhang, Dianhai ; Li, Li ; Fan, Xiaopeng ; Zhou, Yongyan  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 32. Accession number:** 20200107953619  
**Title:** Research on Improving Thrust Performance by Unequal Teeth Structure in Permanent Magnet Linear Motor  
**Authors:** Zhang, Tingting ; Cui, Jiefan ; Liu, Wenqi ; Tong, Wenming  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 33. Accession number:** 20200708171150  
**Title:** Modeling of Anisotropic Magnetic Property in Motor Stator Cores Using Vector Play Model  
**Authors:** Hou, Chuanchuan ; Zhang, Yanli ; Wang, Zhen  
**Source title:** 2019 IEEE Student Conference on Electric Machines and Systems, SCEMS 2019
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**Title:** Contour Control of H-type Platform Based on Complementary Sliding Mode Cross-coupling Control  
**Authors:** Su, Puchun ; Wang, Limei  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
- 35. Accession number:** 20201308342549  
**Title:** Trajectory tracking of electrical mobility AIDS using L2 robust controller methods  
**Authors:** Bai, Dianchun ; Yu, Pengfei ; Yang, Junyou  
**Source title:** Frontiers in Artificial Intelligence and Applications
- 36. Accession number:** 20201308346206  
**Title:** Research on control strategy based on influence of grid connection of mixed energy storage devices on voltage stability  
**Authors:** Du, Kunze ; Zhang, Tiejian  
**Source title :** Proceedings - 2019 12th International Conference on Intelligent Computation Technology and Automation, ICICTA 2019
- 37. Accession number:** 20201308346207

- Title:** Research on three-phase unbalanced power quality control in low voltage distribution platform  
**Authors:** Liu, Yu ; Teng, Yun  
**Source title :** Proceedings - 2019 12th International Conference on Intelligent Computation Technology and Automation, ICICTA 2019
- 38. Accession number:** 20201308346242  
**Title:** Research on fault ride-through control strategy for microgrid with wind farms and storages  
**Authors:** Yang, Xia ; Yang, Jinlu  
**Source title :** Proceedings - 2019 12th International Conference on Intelligent Computation Technology and Automation, ICICTA 2019
- 39. Accession number:** 20201308346270  
**Title:** Wind power prediction based on VMD-Neural network  
**Authors:** Gu, Donghong ; Chen, Zhe  
**Source title :** Proceedings - 2019 12th International Conference on Intelligent Computation Technology and Automation, ICICTA 2019
- 40. Accession number:** 20201308346272  
**Title:** Research on optimal configuration of multi-source energy storage system to promote wind power consumption  
**Authors:** Zhang, Haining ; Ge, Weichun  
**Source title :** Proceedings - 2019 12th International Conference on Intelligent Computation Technology and Automation, ICICTA 2019
- 41. Accession number:** 20201308346280  
**Title:** Research on optimal configuration of multi-source energy storage system to promote wind power consumption  
**Authors:** Wang, Qinghan ; Chen, Zhe  
**Source title :** Proceedings - 2019 12th International Conference on Intelligent Computation Technology and Automation, ICICTA 2019
- 42. Accession number:** 20201308346286  
**Title:** Research on reactive power and voltage characteristics analysis and reactive power configuration strategy of active distribution network  
**Authors:** Ma, Tingting ; Zhang, Tieyan  
**Source title :** Proceedings - 2019 12th International Conference on Intelligent Computation Technology and Automation, ICICTA 2019
- 43. Accession number:** 20201308359804  
**Title:** A Novel Moving Coil Linear-Rotary Electromagnetic Actuator based on Unipolar Permanent Magnet  
**Authors:** Ma, Rui ; Zhang, Fengge ; Chen, Jinhua ; Zhang, Chi ; Sun, Xianbei  
**Source title:** 2019 IEEE 4th International Future Energy Electronics Conference, IFEEC 2019
- 44. Accession number:** 20201408377174  
**Title:** Review of Optimal Dispatching of Combined Heat-Power System for Wind Power Accommodation (Open Access)  
**Authors:** Cui, Dai ; Jiang, Di ; Jiang, Yuqing ; Ge, Wei Chun ; Cong, Haiyang ; He, Chaojun ; Li, Feng  
**Source title:** IOP Conference Series: Earth and Environmental Science

**45. Accession number:** 20202008664584

**Title:** Research on Overload Current Measurement of Intelligent Process of Miniature Circuit Breaker Based on BP Neural Network

**Authors:** Man, Yunpeng ; Zong, Ming

**Source title :** Proceedings of 2019 IEEE 3rd International Electrical and Energy Conference, CIEEC 2019

**46. Accession number:** 20202408805228

**Title:** TV-RSPiRiT:Total Variation Regularized Based Robust Self-Consistent Parallel Imaging Reconstruction

**Authors:** Guo, Hongyu ; Liu, Peng ; Wang, Mei ; Li, Chunsheng

**Source title :** 2019 International Conference on Medical Imaging Physics and Engineering, ICMiPE 2019

(三) 信息科学与工程学院 (8 篇)

1. **Accession number:** 20200508107479  
**Title:** An efficient property-based authentication scheme in the standard model  
**Authors:** Yue, Xiaohan ; Wang, Xin ; Wang, Xibo ; Cui, Wencheng ; He, Yuan  
**Source title:** Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)
2. **Accession number:** 20200207992759  
**Title:** Weak Magnetic Stress Internal Detection Technology of Long Gas and Oil Pipelines  
**Authors:** Liu, Bin ; Yu, Xiao Rui ; He, Lu Yao ; Yang, Li Jian ; Que, Yong Bin  
**Source title:** Lecture Notes in Electrical Engineering
3. **Accession number:** 20200508107478  
**Title:** An efficient dynamic group signatures scheme with CCA-anonymity in standard model  
**Authors:** Yue, Xiaohan ; Sun, Mingju ; Wang, Xibo ; Shao, Hong ; He, Yuan  
**Source title:** Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)
4. **Accession number:** 20200308046928  
**Title:** The Structure Design and Dynamics Simulation of a New Exoskeleton Robot  
**Authors:** Xie, Hualong ; Xie, Yao ; Li, Fei  
**Source title:** WRC SARA 2019 - World Robot Conference Symposium on Advanced Robotics and Automation 2019
5. **Accession number:** 20200208019531  
**Title:** Research on ranging algorithm based on the fringe projection  
**Authors:** Chang, Li ; Huang, Gege  
**Source title:** Advances in Intelligent Systems and Computing
6. **Accession number:** 20201808603081  
**Title:** Abnormal State Detection for Rolling Bearings Using DBSE Approach  
**Authors:** Gui, Jun ; Zheng, Zeyu ; Zhao, Xuefeng ; Qin, Zhaobo  
**Source title:** 2019 IEEE 5th International Conference on Computer and Communications, ICC 2019
7. **Accession number:** 20201808603247  
**Title:** Statistical Properties and Temporal Properties of Calling Behavior  
**Authors:** Gui, Jun ; Zheng, Zeyu ; Zhao, Xuefeng ; Qin, Zhaobo  
**Source title:** 2019 IEEE 5th International Conference on Computer and Communications, ICC 2019
8. **Accession number:** 20202408803721  
**Title:** GPU acceleration design method for driver's seatbelt detection  
**Authors:** Yongquan, Jing ; Tianshu, Wu ; Jin, Li ; Zhijia, Zhang ; Chao, Gao  
**Source title:** 2019 14th IEEE International Conference on Electronic Measurement and Instruments, ICEMI 2019



(四) 建筑与土木工程学院 (2 篇)

1. **Accession number:** 20200408079514  
**Title:** Comparative analysis for rock slope stability with different constitutive models of rock materials  
**Authors:** Yu, H. ; Li, S.J.  
**Source title:** Journal of Physics: Conference Series
2. **Accession number:** 20200107974439  
**Title:** Numerical Simulations of Seismic Responses of Concrete Segments for Tunnel Linings in Shenyang City (Open Access)  
**Authors:** Yu, He ; Li, Shouju  
**Source title:** IOP Conference Series: Earth and Environmental Science

(五) 软件学院 (1 篇)

1. **Accession number:** 20200908240052  
**Title:** An adaptive clustering algorithm of gaussian curve fitting the histogram based on K-means  
**Authors:** Ma, Guangkun ; Yang, Jinzhu ; Song, Xiaoxu ; Zhao, Hong  
**Source title:** Proceedings - 2019 IEEE International Conferences on Ubiquitous Computing and Communications and Data Science and Computational Intelligence and Smart Computing, Networking and Services, IUCC/DSCI/SmartCNS 2019

(六) 化工装备学院 (1 篇)

1. **Accession number:** 20200708167616  
**Title:** SG petrochemical equipment enterprise facilities planning and logistics analysis and research  
**Authors:** Wang, Rui ; Chang, Jiang ; Wu, Na  
**Source title :** Proceedings - 2019 4th International Conference on Mechanical, Control and Computer Engineering, ICMCCE 2019

(七) 其他: 未注明学院 (12 篇)

1. **Accession number:** 20195107876514  
**Title:** Research on Modal Analysis of Lifting Mechanism of Traffic Cone Automatic Retracting and Releasing System  
**Authors:** Du, Linsen ; Zhang, Guosheng ; Zhang, Jiabin ; Liu, Hongli  
**Source title:** Advances in Intelligent Systems and Computing
2. **Accession number:** 20195207899486  
**Title:** Design of Adaptive Neural Network Backstepping Controller for Linear Motor Magnetic Levitation System  
**Authors:** Yipeng, Lan ; Wenkang, Yang ; Ming, Zong  
**Source title:** 2019 IEEE Industry Applications Society Annual Meeting, IAS 2019
3. **Accession number:** 20200107970923  
**Title:** The New Design of Syrup Drug Delivery Device (Open Access)  
**Authors:** Zhang, Ruiyi ; Gao, Haiqin ; Zhang, Yiming ; Tang, Yanmei  
**Source title:** IOP Conference Series: Earth and Environmental Science
4. **Accession number:** 20200107953886  
**Title:** Performance Analysis of Frameless Motors for Robots  
**Authors:** Guo, Xibin ; Tong, Wenming ; Li, Pengfei ; Zhao, Qing ; Zheng, Jigui  
**Source title:** 2019 22nd International Conference on Electrical Machines and Systems, ICEMS 2019
5. **Accession number:** 20200408062794  
**Title:** Evaluation Method of Storage Assignment for Intelligent Pharmaceutical Warehouse  
**Authors:** Jiang, Xingyu ; Wang, Minghao ; Tian, Zhiqiang ; Lu, Yitao ; Chen, Keqiang  
**Source title:** 2019 IEEE Eurasia Conference on IOT, Communication and Engineering, ECICE 2019
6. **Accession number:** 20200708162119  
**Title:** Optimization Design of Layout and Display and Control Interface of the Shield Machine Main Control Room  
**Authors:** Jiang, Xingyu ; Qi, Peng ; Ma, Shengshun ; Jin, Yisong ; Lu, Yitao ; Ma, Mingyu  
**Source title:** Proceedings - 2019 IEEE International Conference on Smart Manufacturing, Industrial and Logistics Engineering, SMILE 2019
7. **Accession number:** 20200508107515  
**Title:** Bank card number identification based on template matching method  
**Authors:** Jiang, Xingyu ; Qi, Peng ; Ma, Shengshun ; Jin, Yisong ; Lu, Yitao ; Ma, Mingyu  
**Source title:** Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)
8. **Accession number:** 20200708162117  
**Title:** Analysis and reconstruction of Pharmaceutical Warehouse logistics delivery system  
**Authors:** Jiang, Xingyu ; Zhao, Di ; Xu, Haifeng  
**Source title:** Proceedings - 2019 IEEE International Conference on Smart Manufacturing, Industrial and Logistics Engineering, SMILE 2019
9. **Accession number:** 20200508107497  
**Title:** Facial localization based on skin color modeling

**Authors:** Li, Wei ; Li, Nan

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

**10. Accession number:** 20200208019433

**Title:** Research on signal processing of mechanical vibration based on time – frequency analysis method

**Authors:** Du, Linsen ; Liu, Hongli ; Li, Shuai ; Dong, Zhisheng

**Source title:** Advances in Intelligent Systems and Computing

**11. Accession number:** 20200308056745

**Title:** Numerical Simulation of Transit-time Ultrasonic Flowmeters in Deep-regulating Units

**Authors:** Sun, Mingcheng ; Wang, Tianpeng ; Xiao, Shaoyang ; Pan, Chunsheng ; Liang, Xiaohe ; Gao, Kai ; Zheng, Wentao

**Source title:** 2019 IEEE International Conference on Power, Intelligent Computing and Systems, ICPICS 2019

**12. Accession number:** 20194907784044

**Title:** Analysis and optimization of detecton curve of BLTD cementing mud flowmeter (Open Access)

**Authors:** Xin, Chen ; Zheng, Wang ; Hai-Yan, Wang

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