

2019 年第三季度
Ei Compendex 收录
沈阳工业大学论文统计

沈阳工业大学图书馆学科服务组
2019 年 9 月

统计说明

1、检索时间和统计方法：

- ① 检索时间段：从 2019 年 7 月 1 日至 2019 年 9 月 30 日；
- ② 检索词：以“沈阳工业大学”的英文拼写方式；
- ③ 检索字段：“Author Afflication”字段；
- ④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

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

联系人：刘英煜 商璐

联系电话：25496607

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一、2019年第三季度 Ei（JA）收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) Accession number:EI 论文收录编号

(2) Title:论文题目

(3) Authors:作者英文姓名

(4) Source title: 论文来源

(一) 机械工程学院 (19 篇)

1. **Accession number:** 20191306680705
Title: Swelling and tribological properties of melt-mixed fluoroelastomer/nitrile rubber blends under crude oil
Authors: Tagelsir, Yasin ; Li, San-Xi ; Lv, Xiaoren ; Wang, Shijie ; Wang, Song ;Osman, Zeinab
Source title: Materials Research Express
2. **Accession number:** 20191306682142
Title: Effect of oxidized and fluorinated MWCNTs on mechanical, thermal and tribological properties of fluoroelastomer/carbon black/MWCNT hybrid nanocomposite
Authors: Tagelsir, Yasin ; Li, San-Xi ; Lv, Xiaoren ; Wang, Shijie ; Wang, Song ;Osman, Z.
Source title: Materials Research Express
3. **Accession number:** 20192607089049
Title: Stress and Temperature Rise of High Speed Surface-Mounted Permanent Magnet Rotor with Different Protection Types
Authors: Zhang, Chao ; Chen, Lixiang ; Yu, Shenbo ; Sun, Ning ; Wang, Xiaoyu
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
4. **Accession number:** 20192607089054
Title: Thermal Analysis of Variable-Speed Constant-Voltage Hybrid Excited Wind Generators
Authors: Wu, Shengnan ; Li, Wenjie ; An, Zhongliang ; Yu, Shenbo
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
5. **Accession number:** 20192607093388
Title: Algorithm for Detecting Image Edge Distortion of Toothed Gear Using Visual Measurement
Authors: Sun, He ; Zhao, Wen-Zhen ; Zhao, Wen-Hui ; Duan, Zhen-Yun ;Zhi, Shan
Source title: Guangzi Xuebao/Acta Photonica Sinica
6. **Accession number:** 20192707132927
Title: Controlled synchronization of vibrating screen driven by two exciters rotating in the opposite direction
Authors: Jiang, Jiao ; Chen, Changzheng ; Bo, Lei ; Shu, Xin ; Wang, Zhong ;Wang, Yuantao
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
7. **Accession number:** 20192707143611
Title: Influence of gear location eccentricity in visual measurement on gear measurement accuracy
Authors: Zhi, Shan ; Zhao, Wenzhen ; Duan, Zhenyun ; Zhao, Wenhui ;Sun, He
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
8. **Accession number:** 20192807164437
Title: Design and performance analysis for a 8-link shock isolator
Authors: Gao, Peng ; Yan, Ming ; Wen, Zhaodong ; Zhang, Lei
Source title: Zhendong yu Chongji/Journal of Vibration and Shock
9. **Accession number:** 20192807164474

Title: Anti-fall and anti-adsorption control of permanent magnetism levitation system with flux path control

Authors: Li, Qiang ; Tang, Jinghu ; Sun, Feng ; Jin, Junjie ; Xu, Fangchao

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

10. Accession number: 20192907209049

Title: An on-machine precision measurement method for API threads

Authors: Dong, Zhixu ; Sun, Xingwei ; Chen, Changzheng ; Yang, Heran

Source title: Measurement Science and Technology

11. Accession number: 20193107254490

Title: Robust control of a permanent magnetic suspension system using the variable flux path control method

Authors: Sun, Feng ; Xia, Pengpeng ; Sun, Xingwei ; Jin, Junjie ; Zhao, Wenhui ; Dou, Rutong ; Yu, Shenbo

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

12. Accession number: 20193207292541

Title: Comparison of oxidation resistance of Al-Ti and Al-Ni intermetallic formed in situ by thermal spraying

Authors: Jia, Qianqian ; Li, Deyuan ; Zhang, Zhuang ; Zhang, Nannan ; Zhao, Wenzhen

Source title: Materials Research Express

13. Accession number: 20193307308132

Title: Modelling, Analysis and Simulation of a Novel Automated Manual Transmission with Gearshift Assistant Mechanism

Authors: Sun, Zhiqiang ; Gao, Bingzhao ; Jin, Jiaqi ; Sanada, Kazushi

Source title: International Journal of Automotive Technology

14. Accession number: 20193407330902

Title: Design and decoupling control of variable-stiffness flexible robot joint

Authors: Zhang, Ming ; Fang, Li-Jin ; Sun, Feng ; Sun, Xing-Wei

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

15. Accession number: 20193607397010

Title: A Fe - Ga alloy cantilever film vibration harvester with a double-stage signal processing circuit and its main performance testing

Authors: Liu, Huifang ; Wei, Linru ; Liang, Quan ; Cao, ChongDong ; Ma, Kai ; Gao, Shuang ; Cong, Chen

Source title: Mechatronics

16. Accession number:20193607407871

Title: Self-sensing properties of bending deformation of buckypaper composites

Authors: Huo, Q.S. ; Jin, J.Q. ; Lu, S.W. ; Zhang, L. ; Ma, K.M. ; Wang, X.Q.

Source title: Materials Research Express

17. Accession number:20193707416884

Title: Effect of Normalizing Temperature on Microstructures and Tensile Properties of Laser Three-Dimensional-Printed Titanium Alloy

Authors: Ma, Ruixin ; Xu, Guojian ; Liu, Zhanqi ; Gao, Fei ; Wang, Wei ; Su, Yunhai

Source title: Zhongguo Jiguang/Chinese Journal of Lasers

18. Accession number:20193707422735

Title: Properties of Marine High-Strength Steel by High-Efficiency Laser-MAG Hybrid Welding

Authors: Jing, Zhicheng ; Zhang, Guoyu ; Wang, Zijian ; Li, Wuhong ; Wang, Chuanqiang ; Xu, Guojian ; Chen, Dongsa ; Wang, Wei

Source title: Zhongguo Jiguang/Chinese Journal of Lasers

19. Accession number:20193807445375

Title: Closed-loop detection of mobile robot based on quaternion convolutional neural network

Authors: Zhang, Xin ; Zhang, Yu ; Su, Xiaoming

Source title: Zhongguo Guanxing Jishu Xuebao/Journal of Chinese Inertial Technology

(二) 材料科学与工程学院 (65 篇)

1. **Accession number:** 20190906544468
Title: Resistive Switching Behavior in Ferroelectric Heterostructures
Authors: Wang, Zhan Jie ; Bai, Yu
Source title: Small
2. **Accession number:** 20191106622209
Title: Enhancement of energy storage density in antiferroelectric PbZrO₃ films via the incorporation of gold nanoparticles
Authors: Li, Yi Zhuo ; Wang, Zhan Jie ; Bai, Yu ; Liu, Wei ; Zhang, Zhi Dong
Source title: Journal of the American Ceramic Society
3. **Accession number:** 20191106622332
Title: Fabrication, thermal shock resistance, and dielectric property of α -Si₃N₄-based ceramic coating on porous Si₃N₄ ceramics
Authors: Wang, Chao ; Xia, Yi ; Qiao, Ruiqing ; Zhang, Fan ; Chen, Lijia ; Wang, Zhanjie
Source title: International Journal of Applied Ceramic Technology
4. **Accession number:** 20191306680782
Title: Hot tearing behavior of Mg-5(Zn + Y)-0.5Zr alloys
Authors: Jia, D.R. ; Liu, Z. ; Mao, P.L. ; Wang, F. ; Wang, Z.
Source title: Materials Research Express
5. **Accession number:** 20191306681051
Title: One-step synthesis of L10 FePt particles through spray pyrolysis: The impacts of post annealing on product morphology and magnetic properties
Authors: You, Junhua ; Guo, Yaozu
Source title: Materials Research Express
6. **Accession number:** 20191306681337
Title: Effect of Nb addition on microstructure and corrosion resistance of novel stainless steels fabricated by direct laser metal deposition
Authors: Wu, S.Q. ; Zhang, C.H. ; Zhang, S. ; Wang, Q. ; Liu, Y. ; Abdullah, Adil O
Source title: Materials Research Express
7. **Accession number:** 20191306681489
Title: Effect of Sn addition on hot tearing susceptibility of AXJ530 alloy
Authors: Hai-Kuo, Dong ; Feng, Wang ; Zhi, Wang ; Jin-Kun, Liu ; Zheng, Liu ; Ping-Li, Mao
Source title: Materials Research Express
8. **Accession number:** 20191306681496
Title: The effect of Si-contents on the impact properties and dynamic graphite growth for cast iron QT400-18L
Authors: Lipeng, Jiang ; Yingdong, Qu ; Rongde, Li
Source title: Materials Research Express
9. **Accession number:** 20191306681511
Title: Depth of array micro-holes with large aspect ratio in Al based cast alloy
Authors: Jin, Meiling ; Qu, Yingdong ; Li, Rongde
Source title: Materials Research Express

- 10. Accession number:** 20191306681854
Title: Corrosion performance of 7075 alloy under laser heat treatment
Authors: Liu, Tong ; Su, Ruiming ; Qu, Yingdong ; Li, Rongde
Source title: Materials Research Express
- 11. Accession number:** 20191306681874
Title: Investigations on the effect of grain size on hot tearing susceptibility of MgZn1Y2 alloy
Authors: Zhou, Z.J. ; Liu, Z. ; Wang, Y. ; Mao, P.L. ; Tang, W.R. ; Zhou, Y.
Source title: Materials Research Express
- 12. Accession number:** 20191306682157
Title: Synthesis of hierarchically macro-mesoporous CoTiO₃ with improved gas sensing properties
Authors: Song, L.T. ; Li, M.C. ; Tao, A.L. ; Yang, H. ; Wu, Y.S.
Source title: Materials Research Express
- 13. Accession number:** 20191306682289
Title: The microstructure and mechanical characterization of Al-30%Mg₂Si composite with Y inoculation addition
Authors: Liu, Tongyu ; Li, Yingmin ; Ren, Yuyan ; Wang, Winxin
Source title: Materials Research Express
- 14. Accession number:** 20191306682456
Title: SnO₂ nanoparticle photocatalysts for enhanced photocatalytic activities
Authors: Xing, Lei ; Dong, Yidi ; Wu, Xiang
Source title: Materials Research Express
- 15. Accession number:** 20191306682560
Title: Phase evolution and wear mechanism of AlCoCrFeNiSix high-entropy alloys produced by arc melting
Authors: Jin, Bingqian ; Zhang, Nannan ; Wang, Fengzhen ; Zhang, Yue ; Li, Deyuan
Source title: Materials Research Express
- 16. Accession number:** 20191306682711
Title: Effect of heat treatments on mechanical properties and corrosion behavior of MgY₃Zn₂Al magnesium alloy
Authors: Li, Xiang ; Mao, Pingli ; Wang, Feng ; Wang, Zhi ; Liu, Zheng ; Zhou, Le
Source title: Materials Research Express
- 17. Accession number:** 20191306682717
Title: Microstructure and tribological performance of ZrB₂-NiCr composite coating deposited by APS
Authors: Zhang, N. ; Zhang, N.N. ; Zhang, H.T. ; Xuan, J.P. ; Zhang, Y.
Source title: Materials Research Express
- 18. Accession number:** 20191306682828
Title: Effect of TiN on microstructure and wear resistance of Fe-Cr-C hardfacing alloy: experimental research and first-principles calculation
Authors: Li, Dongrui ; Liu, Zhengjun ; Su, Yunhai
Source title: Materials Research Express

- 19. Accession number:** 20191306682858
Title: Microstructure and mechanical properties of 7075 alloy during laser heat treatment
Authors: Liu, Tong ; Su, Ruiming ; Qu, Yingdong ; Li, Rongde
Source title: Materials Research Express
- 20. Accession number:** 20191306682860
Title: Thermal stability and corrosion resistance in a novel nickle aluminum bronze coating by laser cladding
Authors: Tao, X.P. ; Zhang, S. ; Wu, C.L. ; Zhang, C.H. ; Zhang, J.B. ; Liu, Y.
Source title: Materials Research Express
- 21. Accession number:** 20191306683093
Title: An investigation on hot tearing of AZ91 alloys with yttrium additions
Authors: Sheng, Yao ; Zhi, Wang ; Feng, Wang ; Zheng, Liu ; Pingli, Mao ; Xiaoping, Jiang
Source title: Materials Research Express
- 22. Accession number:** 20191306683188
Title: Effects of the second phase on hot tearing susceptibility of Mg-Zn-Y alloy
Authors: Zhou, Zijian ; Liu, Zheng ; Wang, Yue ; Liu, Shimeng ; Tang, Wanru
Source title: Materials Research Express
- 23. Accession number:** 20191306683291
Title: Microstructure, mechanical properties and deformation behavior of new V-free low-cost Ti-6Al-xFe-yCr alloys
Authors: Zheng, Bowen ; Dong, Fuyu ; Zhang, Yue ; Huang, Hongjun ; Yuan, Xiaoguang ; Zuo, Xiaojiao ; Luo, Liangshun ; Su, Yanqing ; Wang, Liang ; Han, Baoshuai ; Xu, Yanjin
Source title: Materials Research Express
- 24. Accession number:** 20191306683654
Title: Effect of glycerin/poly (vinyl alcohol) (PVA) weight ratio on the synthesis of a high purity and nano plated boron carbide powder
Authors: Ramzi, Rania ; Wang, Song ; Shawgi, Nazar ; Li, San Xi ; Tang, Tao
Source title: Materials Research Express
- 25. Accession number:** 20192006923390
Title: Magnetic properties and air stability of BaFe₁₂O₁₉/Fe₅C₂ composites fabricated through cryogenic ball milling
Authors: You, Junhua ; Meng, Qingyu ; Zhou, Jifeng ; Guo, Yaozu
Source title: Ceramics International
- 26. Accession number:** 20192106965034
Title: The impact of powder oxygen content on formability of 12CrNi2 alloy steel fabricated by laser melting deposition
Authors: Cui, X. ; Zhang, S. ; Zhang, C.H. ; Wu, C.L. ; Zhang, J.B. ; Liu, Y. ; Abdullah, Adil O.
Source title: Powder Metallurgy
- 27. Accession number:** 20192307010184
Title: Research advances in high-energy TIG arc welding
Authors: Wu, Hong ; Chang, Yunlong ; Mei, Qiang ; Liu, Dan

- Source title:** International Journal of Advanced Manufacturing Technology
- 28. Accession number:** 20192407044185
Title: Strain-Induced Cluster Glass State in LaMnO₃ Films
Authors: Liang, Yong Mei ; Wang, Zhan Jie ; Bai, Yu ; Wu, Ying Jie ;Ning, Xing Kun ; Zhao, Xin Guo ; Liu, Wei ; Zhang, Zhi Dong
Source title: Journal of Physical Chemistry C
- 29. Accession number:** 20192407044185
Title: Dynamic compressive behaviour and microstructural evolution of extrusion-shear Mg - 6Zn - 1Cu - 1Y - 0.6Zr alloy
Authors: Wang, Zhi ; Yao, Sheng ; Cao, Gengsheng ; Mao, Pingli ; Wang, Feng ; Zhou, Le ; Liu, Zheng ; Jiang, Xiaoping
Source title: Materials Science and Technology (United Kingdom)
- 30. Accession number:** 20192607106292
Title: Effects of particle size on interfacial reaction and mechanical properties of B4C reinforced aluminum matrix neutron absorber materials
Authors: Tong, Pan ; Lin, Li ; Wang, Quanzhao ; Zhou, Yangtao ; Xiao, Bolv ;Ma, Zongyi
Source title: Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica
- 31. Accession number:** 20192607111538
Title: Effects of rhenium on the microstructure and creep properties of novel nickle-based single crystal superalloys
Authors: Tan, Z.H. ; Wang, X.G. ; Ye, L.H. ; Hou, G.C. ; Li, R. ; Yang, Y.H. ;Liu, J.L. ; Liu, J.D. ; Yang, L. ; Wang, B.; Dong, P. ; Li, J.G. ; Zhou, Y.Z. ; Sun, X.F.
Source title: Materials Science and Engineering A
- 32. Accession number:** 20192607123147
Title: Influence of minor Sc addition on microstructure and mechanical properties of extruded Al₇Zn₂Mg_{1.5}Cu_{0.1}Zr alloy in T6 heat treatment
Authors: Zhu, Qing-Yan ; Chen, Li-Jia ; Huo, Xiao-Ran
Source title: Materials Transactions
- 33. Accession number:** 20192707123994
Title: Microstructures and mechanical properties of (AlCoCrFeMn)₁₀₀ - xCux high-entropy alloys
Authors: Qin, Gang ; Zhang, Yufeng ; Chen, Ruirun ; Zheng, Huiting; Wang, Liang ; Su, Yanqing ; Ding, Hongsheng ; Guo, Jingjie ; Fu, Hengzhi
Source title: Materials Science and Technology (United Kingdom)
- 34. Accession number:** 20192807173104
Title: Synthesis and electrochemical performance of NaV₃O₈ nanobelts for Li/Na-ion batteries and aqueous zinc-ion batteries
Authors: Hu, Fang ; Xie, Di ; Cui, Fuhan ; Zhang, Dongxu ; Song, Guihong
Source title: RSC Advances
- 35. Accession number:** 20192907195366
Title: Effect of recrystallization and texture on mechanical properties of extruded AA7003 alloy
Authors: Du, X. ; You, J. ; Qu, Y. ; Wang, S. ; Zhou, N.
Source title: Materialwissenschaft und Werkstofftechnik

- 36. Accession number:** 20193007221457
Title: The low-cycle fatigue, fracture and life prediction of compacted graphite iron: Influence of temperature
Authors: Zou, C.L. ; Chen, L.J. ; Pang, J.C. ; Wang, M. ; Qiu, Y. ; Li, S.X. ;Zhang, Z.F.
Source title: Materials Science and Engineering A
- 37. Accession number:** 20193007229065
Title: Effect of magnetic field frequency on the shape of GMAW welding arc and weld microstructure properties
Authors: Guan, Zi Qi ; Zhang, Hong Xu ; Liu, Xiao Guang ; Babkin, Alexandr ; Chang, Yun Long
Source title: Materials Research Express
- 38. Accession number:** 20193007229587
Title: Microstructure and wear resistance of in situ synthesized particle-reinforced novel stainless steel by laser melting deposition
Authors: Wang, C. ; Zhang, C.H. ; Zhang, S. ; Wu, C.L. ; Zhang, J.B. ; Liu, Y. ; Pu, X.X.
Source title: Materials Research Express
- 39. Accession number:** 20193007234744
Title: Magnetic behaviors in a ternary metallic nanoisland with bilayer hexagonal core-shell structure
Authors: Yang, Shao-qing ; Wang, Wei ; Wang, Feng ; Li, Bo-chen ; Wu, Hao-jia ; Yang, Min ; Xu, Jing-hua
Source title: Journal of Physics and Chemistry of Solids
- 40. Accession number:** 20193107247071
Title: Vulcanization induced composition regulation of NiO electrode materials with improved electrochemical performances
Authors: Sun, Wanting ; Xiao, Li ; Wu, X. ; Liu, Fei
Source title: Journal of Colloid and Interface Science
- 41. Accession number:** 20193207284433
Title: Insight into the pressure effect on the structural stability and physical properties of cubic sesquioxides X₂O₃ (X= Sc, Y and In)
Authors: Li, Dongzhi ; Zhang, Xudong ; Liu, Cong ; Wang, Feng ; Zhang, Hongwei ; Tian, Ming
Source title: Vacuum
- 42. Accession number:** 20193207292541
Title: Comparison of oxidation resistance of Al-Ti and Al-Ni intermetallic formed in situ by thermal spraying
Authors: Jia, Qianqian ; Li, Deyuan ; Zhang, Zhuang ; Zhang, Nannan ; Zhao, Wenzhen
Source title: Materials Research Express
- 43. Accession number:** 20193307303481
Title: Global dynamic robust control of friction stir welding of high strength aluminum alloy
Authors: Liu, Zhengjun ; Zhang, Kun
Source title: Hanjie Xuebao/Transactions of the China Welding Institution

- 44. Accession number:** 20193307311202
Title: Purification of High Melting Point Metal by Hydrogen Argon Plasma Arc
Authors: He, Mengyuan ; Dong, Fuyu ; Zhang, Yue ; Yuan, Xiaoguang ;Luo, Liangshun ; Su, Yanqing
Source title: Xiyou Jinshu/Chinese Journal of Rare Metals
- 45. Accession number:** 20193307322684
Title: Interface corrosion behavior of copper-aluminum laminated composite plates in neutral salt fog
Authors: Zhang, Yifan ; Yuan, Xiaoguang ; Huang, Hongjun ; Zuo, Xiaojiao ;Cheng, Yulin
Source title: Materials Research Express
- 46. Accession number:** 20193407331246
Title: The effect of carbon fibers distribution on fracture behavior of carbon fiber reinforced aluminum matrix composites prepared by ultrasonic vibration
Authors: Li, Guanglong ; Qu, Yingdong ; Zhou, Qiwen ; Wang, Yi ; Zhou, Shan ; Li, Rongde
Source title: Materials Research Express
- 47. Accession number:** 20193407342757
Title: Effects of Y and Zn/Y on hot tearing susceptibility of Mg - Zn - Y - Zr alloys
Authors: Wei, Ziqi ; Liu, Zheng ; Sheng, Xiaofang ; Wang, Yue ; Zhang, Zhenglai ; Ju, Yingdong
Source title: Materials Science and Technology (United Kingdom)
- 48. Accession number:** 20193407349896
Title: Insight into the elastic anisotropy and thermodynamics properties of Tantalum borides
Authors: Li, Dongzhi ; Zhang, Xudong ; Li, Jun ; Zhao, L. ; Wang, Feng ;Chen, Xiaoquan
Source title: Vacuum
- 49. Accession number:** 20193407353722
Title: Laser additive manufacturing of TA15 - Inconel 718 bimetallic structure via Nb/Cu multi-interlayer
Authors: Shang, Chun ; Wang, Chenyang ; Xu, Guojian ; Li, Changfu ; You, Junhua
Source title: Vacuum
- 50. Accession number:** 20193507376405
Title: Box-Behnken optimization of glycerol transesterification reaction to glycerol carbonate over calcined oil palm fuel ash derived catalyst
Authors: Okoye, Patrick U. ; Wang, Song ; Khanday, Waheed Ahmad ; Li, Sanxi ; Tang, Tao ; Zhang, Linnan
Source title: Renewable Energy
- 51. Accession number:** 20193507386885
Title: Mechanical Properties and Corrosion Behavior of Spray-Formed 7075 Alloy with One-Stage Aging
Authors: Su, Ruiming ; Liu, Tong ; Qu, Yingdong ; Bai, Guang ; Li, Rongde
Source title: Journal of Materials Engineering and Performance

- 52. Accession number:** 20193607394961
Title: Effect of reduction-diffusion time on microstructure and properties of Nd-Fe-B nanoparticles prepared by low-energy chemical method
Authors: Pei, Wenli ; Zhang, Xiaohan ; Meng, Qinyu ; Zhou, Jifeng ; Guo, Yaozu ; You, Junhua ; Zhao, Dong ; Wang, Xiaoyang
Source title: Materials Research Express
- 53. Accession number:** 20193607395099
Title: Effect of y content on hot tearing susceptibility and mechanical properties of AXJ530-xY alloys
Authors: Du, Xu-Dong ; Wang, Feng ; Wang, Zhi ; Li, Xing-Xing ; Liu, Zheng
Source title: Materials Research Express
- 54. Accession number:** 20193607396518
Title: The effect of Y content on microstructure and tensile properties of the as-extruded Mg - 1Al - xY alloy
Authors: Wang, Jinhui ; Wei, Fuan ; Shi, Bo ; Ding, Yanlin ; Jin, Peipeng
Source title: Materials Science and Engineering A
- 55. Accession number:** 20193607402114
Title: Investigation on hot tearing behavior and its mechanism of Mg-4.5Zn-xY-yNd(x + y = 6, x = 0, 1, 3, 6) alloys
Authors: Li, Xingxing ; Liu, Zheng ; Wang, Yue ; Wei, Ziqi ; Liu, Shimeng ; Zhang, Zhenglai ; Ju, Yingdong
Source title: Materials Research Express
- 56. Accession number:**20193707416884
Title: Effect of Normalizing Temperature on Microstructures and Tensile Properties of Laser Three-Dimensional-Printed Titanium Alloy
Authors: Ma, Ruixin ; Xu, Guojian ; Liu, Zhanqi ; Gao, Fei ; Wang, Wei ; Su, Yunhai
Source title: Zhongguo Jiguang/Chinese Journal of Lasers
- 57. Accession number:**20193707417063
Title: Effects of testing conditions on the deformation behaviour of a Ti-based bulk metallic glass
Authors: Chu, Qiaoling ; Xu, Shuai ; Zhu, Xiaofei ; Zhu, Zhengwang ; Zhang, Haifeng ; Bai, Ruixiang ; Lei, Zhenkun ; Yan, Cheng
Source title: Materials Science and Engineering A
- 58. Accession number:**20193707421956
Title: Monte Carlo study of an Ising nanoisland with bilayer graphene-like structure in a longitudinal magnetic field
Authors: Wu, Hao-jia ; Wang, Wei ; Wang, Feng ; Li, Bo-chen ; Li, Qian ; Xu, Jing-hua
Source title: Journal of Physics and Chemistry of Solids
- 59. Accession number:**20193707422735
Title: Properties of Marine High-Strength Steel by High-Efficiency Laser-MAG Hybrid Welding
Authors: Jing, Zhicheng ; Zhang, Guoyu ; Wang, Zijian ; Li, Wuhong ; Wang, Chuanqiang ; Xu, Guojian ; Chen, Dongsu ; Wang, Wei
Source title: Zhongguo Jiguang/Chinese Journal of Lasers

- 60. Accession number:**20193807451408
Title: A Fuzzy Control Strategy Combined With Wind Power Prediction and Energy Storage SOE for Smoothing Wind Power Output
Authors: Liu, Yingming ; Wang, Wei ; Wang, Xiaodong ; Peng, Chaoyang
Source title: Dianwang Jishu/Power System Technology
- 61. Accession number:**20193807456413
Title: Monte Carlo study of magnetization plateaus and thermodynamic properties of a nano-graphene with a sandwich-like structure in a longitudinal magnetic field
Authors: Lv, Dan ; Ma, Ye ; Luo, Xiao-hong ; Jiang, Wei ; Wang, Feng ; Li, Qian
Source title: Physica E: Low-Dimensional Systems and Nanostructures
- 62. Accession number:**20193807457139
Title: Effects of Al on microstructural stability and related stress-rupture properties of a third-generation single crystal superalloy
Authors: Sun, Jingxia ; Liu, Jinlai ; Liu, Lirong ; Zhou, Yizhou ; Li, Jinguo ; Sun, Xiaofeng
Source title: Journal of Materials Science and Technology
- 63. 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
- 64. Accession number:**20191106614516
Title: Self-assembled ZnCo₂O₄ 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
- 65. Accession number:**20191806845310
Title: Phase stability, elastic, anisotropic and thermodynamic properties of HoT₂Al₂₀ (T = Ti, V, Cr) intermetallic cage compounds
Authors: Ma, He ; Li, Xiaoyou ; Yu, Hui ; Jiang, Wei ; Zhang, Xudong
Source title: Molecular Simulation

(三) 电气工程学院 (20 篇)

- 1. Accession number:** 20191606797490
Title: Improved Corrosion Resistance of Selective Laser Melted Ti - 5Cu Alloy Using Atomized Ti - 5Cu Powder
Authors: Han, Ying ; Wang, Hong-Rui ; Cao, Yun-Dong ; Hou, Wen-Tao ; Li, Shu-Jun
Source title: Acta Metallurgica Sinica (English Letters)
- 2. Accession number:** 20192607089003
Title: Static Security Analysis of AC/DC Power System with Multi-terminal Flexible DC
Authors: Li, Yan ; Teng, Yun ; Leng, Ouyang ; Wang, Yi ; Lu, Juanjuan
Source title: Dianli Xitong Zidonghua/Automation of Electric Power Systems
- 3. Accession number:** 20192607096337
Title: Study on Different Connection Modes of Dual-Stator Brushless Doubly-Fed Machine Based on Field-Circuit Method
Authors: Zhang, Fengge ; Liu, Hao
Source title: Journal of Electrical Engineering and Technology
- 4. Accession number:** 20192607101093
Title: Influence of Exciting Field on Electromagnetic Torque of Novel Switched Reluctance Motor
Authors: Liu, Aimin ; Lou, Jiachuan ; Yu, Siyang
Source title: IEEE Transactions on Magnetics
- 5. Accession number:** 20192607107611
Title: Coupling calculation and analysis of three-dimensional temperature and fluid field for high-power high-speed permanent magnet machine
Authors: Wang, Tianyu; Zhang, Yue ; Wen, Fuqiang ; Gerada, Chris ; Liu, Guangwei ; Rui, Dai ; Zerun, Wang
Source title: IET Electric Power Applications
- 6. Accession number:** 20192707140849
Title: Desire-Driven Reasoning for Personal Care Robots
Authors: Yang, Guang ; Wang, Shuoyu ; Yang, Junyou
Source title: IEEE Access
- 7. Accession number:** 20192707144430
Title: Walking Assist Robot: A Novel Non-Contact Abnormal Gait Recognition Approach Based on Extended Set Membership Filter
Authors: Zhao, Donghui ; Yang, Junyou ; Okoye, Martin Onyeka ; Wang, Shuoyu
Source title: IEEE Access
- 8. Accession number:** 20192907188679
Title: Complementary Sliding Mode Control via Elman Neural Network for Permanent Magnet Linear Servo System
Authors: Jin, Hongyan ; Zhao, Ximei
Source title: IEEE Access

- 9. Accession number:** 20193007221900
Title: A New Hysteresis Loss Estimation in the Induction Motor Core Considering Rotating Magnetic Fields
Authors: Zhang, Yanli ; Chi, Qingguang ; Ren, Yajun ; Zhang, Dianhai ; Koh, Chang-Seop
Source title: Journal of Electrical Engineering and Technology
- 10. Accession number:** 20193007237959
Title: Structural expression code method and its application in optimal design of permanent magnet
Authors: Li, Yong ; Pang, Yongyong ; Yang, Junyou ; Wang, Yu
Source title: IEEE Access
- 11. Accession number:** 20193107267146
Title: Interval Prediction of Wind Power Based on Error Decomposition and Bootstrap Method
Authors: Zhang, Yuxian ; Hao, Shuang ; Qian, Xiaoyi
Source title: Dianwang Jishu/Power System Technology
- 12. Accession number:** 20193207292723
Title: Investigation of current density, recombination rate and space charge density in polyethylene thin films based on bipolar charge transport model
Authors: Cai, Xinjing ; Wang, Xinxin ; Pang, Dan ; Zou, Xiaobing ; Yu, Jianli ; Lu, Zhiwei
Source title: Materials Research Express
- 13. Accession number:** 20193307302483
Title: Non-contact recognition method of abnormal gait based on node-iteration type fuzzy Petri net
Authors: Zhao, Donghui 1 ; Yang, Junyou 1 ; Bai, Dianchun 1 ; Jiang, Yinlai
Source title: Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument
- 14. Accession number:** 20193307304932
Title: Influence of asymmetrical stator axes on the electromagnetic field and driving characteristics of canned induction motor
Authors: Yuejun, An ; Zhiheng, Zhang ; Ming, Li ; Guangyu, Wang ; Xiangling, Kong ; Zaihang, Liu
Source title: IET Electric Power Applications
- 15. Accession number:** 20193307308575
Title: Investigation of Arc Characteristics of a DC Vacuum Circuit Breaker with Double-Break under Asynchronous Interrupting
Authors: Huang, Chongyang ; Liu, Xiaoming ; Chen, Hai ; Li, Longnv ; Zhu, Gaojia
Source title: IEEE Transactions on Plasma Science
- 16. Accession number:** 20193507370232
Title: Global integral terminal sliding mode control for controllable excitation linear synchronous motor
Authors: Lan, Yi-Peng ; Wang, Jing-Teng ; Liu, Xin
Source title: Kongzhi Lilun Yu Yingyong/Control Theory and Applications

- 17. Accession number:** 20193507370261
Title: Dual Linear Motors Servo System Synchronization Control Based on Sugeno Type Fuzzy Neural Network and Complementary Sliding Mode Controller
Authors: Jin, Hongyan ; Zhao, Ximei
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 18. Accession number:** 20193607404616
Title: A Magnetic Hysteresis Model in an Electrical Steel Sheet Based on the Minimization Principle of Magnetic Domain Energy
Authors: Zhang, Wenjie ; Zhang, Yanli ; Jiang, Wei ; Xia, Bin ; Xie, Dexin
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society
- 19. Accession number:** 20193807445194
Title: Robust Estimation Model of Wind Power Prediction Availability in the Period of Power System Peak Load
Authors: Ge, Weichun ; Sun, Peng ; Li, Jiajue ; Hui, Qian ; Kong, Xuan
Source title: Gaodianya Jishu/High Voltage Engineering
- 20. Accession number:**20193807456413
Title: Monte Carlo study of magnetization plateaus and thermodynamic properties of a nano-graphene with a sandwich-like structure in a longitudinal magnetic field
Authors: Lv, Dan ; Ma, Ye ; Luo, Xiao-hong ; Jiang, Wei ; Wang, Feng ;Li, Qian
Source title: Physica E: Low-Dimensional Systems and Nanostructures

(四) 信息科学与工程学院 (8 篇)

1. **Accession number:** 20192907193554
Title: Chaotic micromixer based on 3D horseshoe transformation
Authors: Zhang, He ; Li, Xin ; Chuai, Rongyan ; Zhang, Yingjie
Source title: Micromachines
2. **Accession number:** 20193007235757
Title: Systematic analysis of a military wearable device based on a multi-level fusion framework: Research directions
Authors: Shi, Han ; Zhao, Hai ; Liu, Yang ; Gao, Wei ; Dou, Sheng-Chang
Source title: Sensors (Switzerland)
3. **Accession number:** 20193207272227
Title: Magnetic flux leakage image classification method for pipeline weld based on optimized convolution kernel
Authors: Yang, Lijian ; Wang, Zhujun ; Gao, Songwei ; Shi, Meng ; Liu, Bangli
Source title: Neurocomputing
4. **Accession number:** 20193507376255
Title: First-Principles Study on the Impact of Antisite Defects on the Mechanical Properties of TiAl-Based Alloys
Authors: Ji, Zongwei ; Lu, Song ; Yu, Hui ; Hu, Qingmiao ; Levente, Vitos ; Yang, Rui
Source title: Jinshu Xuebao/Acta Metallurgica Sinica
5. **Accession number:** 20193607395929
Title: Safety predictive control for rehabilitative training walker with simultaneous constraints on position and velocity tracking errors
Authors: Sun, Ping ; Zhang, Shuai
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control
6. **Accession number:** 20193607401586
Title: Chaotic characteristic analysis of network traffic time series at different time scales
Authors: Tian, Zhongda
Source title: Chaos, Solitons and Fractals
7. **Accession number:** 20193607403045
Title: Bulk acoustic resonator devices using ZnO-based film and back cavity
Authors: Li, Xin ; Liu, Mengwei ; Feng, Yanlu
Source title: European Journal of Electrical Engineering
8. **Accession number:** 20191806845310
Title: Phase stability, elastic, anisotropic and thermodynamic properties of HoT₂Al₂₀ (T = Ti, V, Cr) intermetallic cage compounds
Authors: Ma, He ; Li, Xiaoyou ; Yu, Hui ; Jiang, Wei ; Zhang, Xudong
Source title: Molecular Simulation

(五) 管理学院 (3 篇)

1. **Accession number:** 20192807171642
Title: Optimization configuration method for service elements based on customer online reviews
Authors: Yu, Chao ; Fan, Zhiping
Source title: Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS
2. **Accession number:** 20193407348035
Title: A mixed optimization method of emergency material distribution in flood disaster area depending on time
Authors: Hu, Zhong-Jun ; Liu, Yan-Qiu ; Li, Jia
Source title: Kongzhi yu Juece/Control and Decision
3. **Accession number:** 20193607391209
Title: A Method for Evaluating Service Quality with Hesitant Fuzzy Linguistic Information
Authors: Xu, Hao ; Fan, Zhi-Ping ; Liu, Yang ; Peng, Wu-Liang ; Yu, Yin-Yun
Source title:
International Journal of Fuzzy Systems

(六) 理学院 (21 篇)

1. **Accession number:** 20190706491356
Title: Few-layers of graphene modified TiO₂/graphene composites with excellent electrochemical properties for lithium-ion battery
Authors: Geng, Chun-Yan ; Yu, Jin ; Shi, Fa-Nian
Source title: Ionics
2. **Accession number:** 20191306678017
Title: Nitrogen concentration influence on N-NaTaO₃ from first principles
Authors: Shi, Haifeng ; Lan, Benyue ; Zhang, Chengliang ; Zhou, Changping ; Zhang, Xudong
Source title: Materials Research Express
3. **Accession number:** 20191306680705
Title: Swelling and tribological properties of melt-mixed fluoroelastomer/nitrile rubber blends under crude oil
Authors: Tagelsir, Yasin ; Li, San-Xi ; Lv, Xiaoren ; Wang, Shijie ; Wang, Song ; Osman, Zeinab
Source title: Materials Research Express
4. **Accession number:** 20191306682142
Title: Effect of oxidized and fluorinated MWCNTs on mechanical, thermal and tribological properties of fluoroelastomer/carbon black/MWCNT hybrid nanocomposite
Authors: Tagelsir, Yasin ; Li, San-Xi ; Lv, Xiaoren ; Wang, Shijie ; Wang, Song ; Osman, Z.
Source title: Materials Research Express
5. **Accession number:** 20191306683654
Title: Effect of glycerin/poly (vinyl alcohol) (PVA) weight ratio on the synthesis of a high purity and nano plated boron carbide powder
Authors: Ramzi, Rania ; Wang, Song ; Shawgi, Nazar ; Li, San Xi ; Tang, Tao
Source title: Materials Research Express
6. **Accession number:** 20192307002067
Title: Zn-H⁺ Battery, Versatile Energy Conversion Equipment for Electricity Generation and H₂ Production Simultaneously
Authors: Wang, XiaoXuan ; Xu, XinXin ; Liu, Ning ; Shi, Fa-Nian ; Shi, GuiMei
Source title: ACS Sustainable Chemistry and Engineering
7. **Accession number:** 20192707137517
Title: One-pot solvothermal synthesis of Fe/Fe₃O₄ composites with broadband microwave absorption
Authors: Wang, Xiaolei ; Geng, Qiyao ; Shi, Guimei ; Xu, Ge ; Yu, Jin ; Guan, Yinyan ; Zhang, Yajing ; Li, Da
Source title: Journal of Alloys and Compounds
8. **Accession number:** 20192807167146
Title: Facile hydrothermal preparation of graphitic carbon nitride supercell structures with enhanced photodegradation activity
Authors: Xu, Ge ; Xu, Yanheng ; Zhou, Zhicun ; Bai, Yiwen
Source title: Diamond and Related Materials

- 9. Accession number:** 20192907190529
Title: Anchoring Co₃O₄ on BiFeO₃: achieving high photocatalytic reduction in Cr(VI) and low cobalt leaching
Authors: Shi, Xuefeng ; Quan, Shanyu ; Yang, Linmei ; Liu, Cong ; Shi, Fanian
Source title: Journal of Materials Science
- 10. Accession number:** 20193007234744
Title: Magnetic behaviors in a ternary metallic nanoisland with bilayer hexagonal core-shell structure
Authors: Yang, Shao-qing ; Wang, Wei ; Wang, Feng ; Li, Bo-chen ; Wu, Hao-jia ; Yang, Min ; Xu, Jing-hua
Source title: Journal of Physics and Chemistry of Solids
- 11. Accession number:** 20193207284433
Title: Insight into the pressure effect on the structural stability and physical properties of cubic sesquioxides X₂O₃ (X= Sc, Y and In)
Authors: Li, Dongzhi ; Zhang, Xudong ; Liu, Cong ; Wang, Feng ; Zhang, Hongwei ; Tian, Ming
Source title: Vacuum
- 12. Accession number:** 20193207285773
Title: Sliding Mode Observer-Based Control for Uncertain Singular Biological Economic System With Invasion of Alien Species
Authors: Shi, Zhaohui ; Zhang, Yi ; Zhang, Jianyu
Source title: IEEE Access
- 13. Accession number:** 20193407330699
Title: Hydrothermal synthesis, structural elucidation and electrochemical properties of three nickel and cobalt based phosphonates as anode materials for lithium ion batteries
Authors: Chang, Hui-Liang ; Bai, Yi-Wen ; Song, Xiao-Yi ; Duan, Yan-Fang ; Sun, Ping-Ping ; Tian, Bo ; Shi, Guimei ; You, Hongpeng ; Gao, Jun ; Shi, Fa-Nian
Source title: Electrochimica Acta
- 14. Accession number:** 20193407349896
Title: Insight into the elastic anisotropy and thermodynamics properties of Tantalum borides
Authors: Li, Dongzhi ; Zhang, Xudong ; Li, Jun ; Zhao, L. ; Wang, Feng ; Chen, Xiaoquan
Source title: Vacuum
- 15. Accession number:** 20193507386272
Title: Electrochemical study on different layers of graphene based TiO₂/graphene composites as an anode for lithium-ion batteries
Authors: Geng, Chun-Yan ; Yu, Jin ; Shi, Fa-Nian
Source title: Research on Chemical Intermediates
- 16. Accession number:** 20193607404616
Title: A Magnetic Hysteresis Model in an Electrical Steel Sheet Based on the Minimization Principle of Magnetic Domain Energy
Authors: Zhang, Wenjie ; Zhang, Yanli ; Jiang, Wei ; Xia, Bin ; Xie, Dexin
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

17. Accession number: 20193707416366

Title: Synergistic effect of nanoscale carbon black and ammonium polyphosphate on improving thermal stability and flame retardancy of polypropylene: A reactive network for strengthening carbon layer

Authors: Yang, Hongfan ; Guan, Yanyan ; Ye, Lin ; Wang, Song ; Li, Sanxi ; Wen Xin ; Chen, Xuecheng ; Mijowska, Ewa ; Tang, Tao

Source title: Composites Part B: Engineering

18. Accession number:20193707421956

Title: Monte Carlo study of an Ising nanoisland with bilayer graphene-like structure in a longitudinal magnetic field

Authors: Wu, Hao-jia ; Wang, Wei ; Wang, Feng ; Li, Bo-chen ; Li, Qian ; Xu, Jing-hua

Source title: Journal of Physics and Chemistry of Solids

19. Accession number:20193807456413

Title: Monte Carlo study of magnetization plateaus and thermodynamic properties of a nano-graphene with a sandwich-like structure in a longitudinal magnetic field

Authors: Lv, Dan ; Ma, Ye ; Luo, Xiao-hong ; Jiang, Wei ; Wang, Feng ; Li, Qian

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

20. 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

21. Accession number:20191806845310

Title: Phase stability, elastic, anisotropic and thermodynamic properties of HoT₂Al₂₀ (T = Ti, V, Cr) intermetallic cage compounds

Authors: Ma, He ; Li, Xiaoyou ; Yu, Hui ; Jiang, Wei ; Zhang, Xudong

Source title: Molecular Simulation

(七) 建筑与土木工程学院 (1 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

(八) 石油化工学院 (3 篇)

1. **Accession number:** 20191206660632
Title: Preparation and Characterization of a PVDF Membrane Modified by an Ionic Liquid
Authors: Bei, Pengzhi ; Liu, Hongjing ; Yao, Hui ; Jiao, Yang ; Wang, Yuanyuan ; Guo, Liying
Source title: Australian Journal of Chemistry
2. **Accession number:** 20192907207693
Title: Performance and selectivity of lower-rim substituted calix[4]arene as a stationary phase for capillary gas chromatography
Authors: Sun, Tao ; Li, Bin ; Shuai, Xiaomin ; Chen, Yujie ; Li, Weiwei ; Cai, Zhiqiang ; Qiao, Xiaoguang ; Hu, Shaoqiang ; Ma, Lufang
Source title: RSC Advances
3. **Accession number:** 20193807457253
Title: Star-poly(ϵ -caprolactone) as the stationary phase for capillary gas chromatographic separation
Authors: Sun, Tao ; Jiang, Xingxing ; Song, Qianqian ; Shuai, Xiaomin ; Chen, Yujie ; Zhao, Xinyu ; Cai, Zhiqiang ; Li, Ke ; Qiao, Xiaoguang ; Hu, Shaoqiang
Source title: RSC Advances

(九) 其他: 未注明学院 (3 篇)

1. **Accession number:** 20191306683176
Title: Microstructure growth and tensile strength of Cu/Sn3.0Ag0.5Cu/Cu solder joints
Authors: Yang, Linmei ; Quan, Shanyu ; Shi, Guimei
Source title: Materials Research Express
2. **Accession number:** 20192607092199
Title: Aging resistance of the Sn-Ag-Cu solder joints doped with Mo nanoparticles
Authors: Yang, Linmei ; Quan, Shanyu ; Liu, Cong ; Shi, Guimei
Source title: Materials Letters
3. **Accession number:** 20193607404634
Title: Calculation of Core Loss under DC Bias Based on the Variable Coefficient Steinmetz Formula
Authors: Kang, Li ; Zhang, Yanli ; Tang, Wei ; Zhang, Dianhai ; Liu, Zhen
Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

二、2019 年第三季度 Ei (CA) 收录各学院论文情况

(一) 机械工程学院 (1 篇)

- 1. Accession number:** 20191206648733
Title: Study on dynamic characteristics analysis of CNC pipe thread lathe based on the energy of modal effective mass
Authors: Guangchen, Xu ; Xingwei, Sun
Source title: Journal of Engineering

(二) 电气工程学院 (12 篇)

- 1. Accession number:** 20192607097416
Title: Application Research of Multi-source Information Fusion Technology in Power Network Fault Diagnosis
Authors: Liu, Shuxin ; Zhao, Enmin ; Zhang, Yanjun ; Li, Jing ; Zhang, Liang ; Cao, Yundong
Source title: Journal of Physics: Conference Series
- 2. Accession number:** 20192607109236
Title: Study on Dielectric Recovery Characteristics of High Voltage SF6Circuit Breaker
Authors: Lin, Xin ; Xia, Yalong ; Geng, Zhenxin ; Song, Yu ; Zhang, Jia
Source title : ICEMPE 2019 - 2nd International Conference on Electrical Materials and Power Equipment, Proceedings
- 3. Accession number:** 20193307319279
Title: Study on power oscillations suppression strategy of experimental microgrid based on power optimal control
Authors: Dongh, H.N. ; Li, C. ; Yao, R.Y. ; Zhai, X.H. ; Ding, X.Y.
Source title: IOP Conference Series: Earth and Environmental Science
- 4. Accession number:** 20193507373109
Title: Novel walking-intention recognition method for omnidirectional walking support robot
Authors: Liu, Ziyuan ; Yang, Junyou ; Yina, Wang ; Fu, Xiangnan
Source title : Proceedings - 2017 International Conference on Computer Technology, Electronics and Communication, ICCTEC 2017
- 5. Accession number:** 20193507373594
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 - 2017 International Conference on Computer Technology, Electronics and Communication, ICCTEC 2017

- 6. Accession number:** 20193507382334
Title: Calculation of Thermodynamic Physical Properties of C4F7N-CO2 Mixed Gas
Authors: Zhang, Zhen ; Lin, Xin ; Li, Xiaolong ; Zhang, Jia
Source title: Proceedings - IEEE International Conference on Dielectric Liquids
- 7. Accession number:** 20193507382338
Title: Investigation on heating aging mechanism of cellulose paper for oil-immersed transformer main insulation
Authors: Liu, Daosheng ; Deng, Christopher Garang ; Xu, Xiangdong ;Jing, Ye ; Li, Xiaofan ; Noubissi, Romaric Kammeugue ; Li, Xiaolong
Source title: Proceedings - IEEE International Conference on Dielectric Liquids
- 8. Accession number:** 20193507382341
Title: Suppression Mechanism of TiO2 for the Partial Discharge of Oil-paper Insulation in Intensive Electric Field
Authors: Liu, Daosheng ; Wu, Yajie ; Xu, Xiangdong ; Ye, Jing ; Li, Jiachen ; Yu, Shangqun ; Li, Xiaolong
Source title: Proceedings - IEEE International Conference on Dielectric Liquids
- 9. Accession number:** 20193607398163
Title: Study on the Protection and Energy Transmission Modes of One Phase Short Circuit to Ground in Inverters
Authors: Chen, Dezhi ; Feng, Zhiyu ; Kwon, Byung-Il ; Zhao, Wenliang ; Bai, Baodong
Source title: ICPE 2019 - ECCE Asia - 10th International Conference on Power Electronics - ECCE Asia
- 10. Accession number:** 20193607398173
Title: Vector Control of Permanent Magnet Synchronous Motor by Using Single Current Sensor
Authors: Li, Shixiao ; Bai, Baodong ; Chen, Dezhi
Source title: ICPE 2019 - ECCE Asia - 10th International Conference on Power Electronics - ECCE Asia
- 11. Accession number:** 20193707424851
Title: A load combination prediction algorithm considering flexible charge and discharge of electric vehicles
Authors: Cui, Jia ; Liu, Sitong ; Yang, Junyou ; Ge, Weichun ; Zhou, Xiaoming ; Wang, Anni
Source title: PEDG 2019 - 2019 IEEE 10th International Symposium on Power Electronics for Distributed Generation Systems
- 12. Accession number:** 20193907463364
Title: Design of Motor Mechanism of 126kV High Voltage Circuit Breaker and Control Strategy of Stroke Subsection
Authors: Yan, Hongkui ; Lin, Xin ; Xu, Jianyuan ; Tang, Tianyao ;Tang, Di ; Bao, Yan
Source title: Proceedings of 2019 IEEE International Conference on Mechatronics and Automation, ICMA 2019

(三) 信息科学与工程学院 (7 篇)

1. **Accession number:** 20192407053551
Title: Modulation strategy of the input stage for solid state transformer based on modular multilevel
Authors: Wang, Xiangming ; Cao, Liyang ; Meng, Jing
Source title: Proceedings of 2018 IEEE International Conference on Automation, Electronics and Electrical Engineering, AUTEEE 2018
2. **Accession number:** 20192507076597
Title: Research on Fiber Bragg Grating Acoustic Emission Sensor
Authors: Yu, Yang ; Wang, Guoliang ; Liu, Bo
Source title: Springer Proceedings in Physics
3. **Accession number:** 20192507076602
Title: Fiber Bragg Grating Acoustic Emission Demodulation System
Authors: Yu, Yang ; Bu, Xiangyin ; Liu, Bo ; Yang, Ping
Source title: Springer Proceedings in Physics
4. **Accession number:** 20192607091537
Title: A Practical Group Signatures for Providing Privacy-Preserving Authentication with Revocation
Authors: Yue, Xiaohan ; Xu, Jian ; Chen, Bing ; He, Yuan
Source title: Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST
5. **Accession number:** 20192607095249
Title: Detection and Implementation of Driver's Seatbelt Based on FPGA
Authors: Tianshu, Wu ; Zhijia, Zhang ; Zhanning, Liu ; Yunpeng, Liu ; Shixian, Wang
Source title: Journal of Physics: Conference Series
6. **Accession number:** 20192607109515
Title: A tracking control of plant spray boom system with semi-active suspension
Authors: Lu, Zeyang ; Li, Shujiang ; Wang, Xiangdong
Source title: Proceedings of 2019 IEEE 3rd Information Technology, Networking, Electronic and Automation Control Conference, ITNEC 2019
7. **Accession number:** 20193707424789
Title: Micro-grid scheduling of electric boiler and CHP with thermal energy storage based on wind power accommodating
Authors: Yu, Hongxia ; Zhang, Kun ; Liu, Yuying ; Dai, Junwen ; Sun, Zhenting
Source title: PEDG 2019 - 2019 IEEE 10th International Symposium on Power Electronics for Distributed Generation Systems

(四) 理学院 (2 篇)

1. **Accession number:** 20192607108996

Title: Preparation of biochar microspheres from leaves of several plants by hydrothermal method

Authors: Xia, Yi-Chang ; Hu, Hao-Pan ; Li, Chun-Hao ; Ren, Hang ; Shi, Guimei ; Xu, Ge ; Tian, Bo ; Shi, Fa-Nian

Source title: IOP Conference Series: Earth and Environmental Science

2. **Accession number:** 20193807441215

Title: Synthesis and Electrochemical Performance of TiO₂/rGO Composites with Different Layers of Graphene Oxide as Anode Materials for Lithium-ion Battery

Authors: Geng, Chunyan ; Yu, Jin ; Shi, Fanian

Source title: IOP Conference Series: Materials Science and Engineering

(五) 软件学院 (1 篇)

1. **Accession number:** 20193707437162

Title: Collaborative Filtering Recommendation Algorithm Based on Xml Fuzzy Data

Authors: Jiang, Yan ; Dong, Meihua

Source title: Journal of Physics: Conference Series

(六) 其他: 未注明学院 (5 篇)

1. **Accession number:** 20192607097408
Title: Virtual Synchronous Generator Grid Connected Control Method Based on Virtual Impedance
Authors: Shao, Bao-Zhu ; Zhang, Guan-Feng ; Yang, Jun-You ; Gao, Fei-Fei ; Sun, Feng ; Zhao, Qing-Song
Source title: Journal of Physics: Conference Series
2. **Accession number:** 20192607103302
Title: Research and design of wind power grid switch for low voltage crossing ability
Authors: Zhang, Liu ; Ma, Shaohua ; Gu, Cailian ; Zou, Quanping
Source title: IOP Conference Series: Earth and Environmental Science
3. **Accession number:** 20193307319278
Title: Design of high voltage grid-connected switch energy storage circuit control system
Authors: Zhang, Liu ; Ma, Shaohua ; Wang, Gang ; Wang, Lijun
Source title: IOP Conference Series: Earth and Environmental Science
4. **Accession number:** 20193607393054
Title: Wind power generation forecasting and data quality improvement based on big data with multiple temporal-spatial scale
Authors: Qiao, Lin ; Chen, Shuo ; Bo, Jue ; Liu, Sai ; Ma, Guiwei ; Wang, Haixin ; Yang, Junyou
Source title: Proceedings - IEEE International Conference on Energy Internet, ICEI 2019
5. **Accession number:** 20193607398075
Title: A Novel Method for Thermal Analysis of MF Transformers with Hollow Windings
Authors: Zhang, Bo ; Yan, Ning ; Liu, Naisheng
Source title: ICPE 2019 - ECCE Asia - 10th International Conference on Power Electronics - ECCE Asia