

**2018 年第一季度
Ei Compendex 收录
沈阳工业大学论文统计**

沈阳工业大学图书馆学科服务组

2018 年 3 月

统计说明

1、检索时间和统计方法:

① 检索时间段: 从 2018 年 1 月 1 日至 2018 年 3 月 31 日;

② 检索词: 以“沈阳工业大学”的英文拼写方式;

③ 检索字段: EI 为“Author Afflication”字段, SCIE 和 CPCI-S、CPCI-SSH 为“ADDRESS”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、SCI 分区数据来自第 2015 版 Journal Citation Reports。

3、CPCI-S、CPCI-SSH 即 ISTP, 全称为: Conference Proceedings Citation Index - Science、Conference Proceedings Citation Index - Social Science & Humanities。

4、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 邵丽娟

联系电话: 25496607

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2018 年第一季度 Ei Compendex 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

机械工程学院（JA:3 篇,CA:1 篇）

JA

1、Accession number: 20175204575845

Title:Enhancement of fracture properties of polymer composites reinforced by carbon nanotubes: A molecular dynamics study

Authors: Li, Yunlong ; Wang, Shijie

Source title: Carbon

2、Accession number: 20180404678265

Title:Tribological Behavior of NBR Containing Different ZnO Under Medium Lubrication

Authors: Lü, Xiaoren ; Wang, Shijie ; He, Enqiu

Source title: Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering

3、Accession number:20180804824883

Title:Rolling Bearing Fault Signal Extraction Based on Stochastic Resonance-Based Denoising and VMD

Authors:Gu, Xiaojiao ; Chen, Changzheng

Source title: International Journal of Rotating Machinery

CA

1、Accession number: 20180604774825

Title: Research on the Improvement of CNC Machine Tool HMI Based on Eye Tracking Experiment

Authors: Zhang, Xinmin ; Wang, Xiaoting; Shiya, Wang

Source title: Proceedings - 2017 5th International Conference on Enterprise Systems: Industrial Digitalization by Enterprise Systems, ES 2017

材料科学与工程学院（JA: 20 篇）

JA

1、Accession number:20175204588902

Title:Preparation and characterization of a novel molecularly imprinted polymer for the separation of glycyrrhizic acid

Authors: Long, Jiapeng ; Li, Sanxi
Source title: Journal of Separation Science

2、 Accession number:20175204580866

Title: Influence of shielding gas on microstructure and properties of tungsten carbide flux-cored wire surfacing layer

Authors:Yuan, Xiaobo ; Li, Feng

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

3、 Accession number:20180104599593

Title: Enhancing fatigue strength of high-strength ultrafine-scale Cu/Ni laminated composites

Authors: Wang, Y.C.

Source title: Materials Science and Engineering A

4、 Accession number:20180304650714

Title: Polarization and charge-transfer effect on the transport properties in two-dimensional electron gases/LaNiO₃heterostructure

Authors: Wang, Z.J. ; Fu, G.S.

Source title: Applied Physics Letters

5、 Accession number:20180404664627

Title: Application of Forced Air Cooling in the Sand Core of Large Steel Casting

Authors: Sun, Zhiguo ; Ren, Yinglei ; Xiang, Qingchun; Zhang, Wei; Qiu, Keqiang

Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering

6、 Accession number:20180604776560

Title: Formation mechanism and phase evolution of in situ synthesizing TiC-reinforced 316L stainless steel matrix composites by laser melting deposition

Authors:Wu, C.L. ; Zhang, S. ; Zhang, C.H.

Source title: Materials Letters

7、 Accession number:20180604751794

Title: Ordered mesoporous NiFe₂O₄with ultrathin framework for low-ppb toluene sensing

Authors: Hu, Fang

Source title: Science Bulletin

8、 Accession number:20180604758623

Title:Low Cycle Fatigue Behavior of Al-Zn-Mg-Cu Alloy Containing Zr and Sc

Authors: Leng, Li

Source title: Cailiao Daobao/Materials Review

- 9、 Accession number:20180704780901
Title:Reaction temperature-dependent growth of ZnS nanomaterials
Authors:Liu, Chang ; Wu, Xiang
Source title: Micro and Nano Letters
- 10、 Accession number:20175004542901
Title:The heat treatment response of semisolid formed Al - 5Fe - 4Cu alloy
Authors:Jun, Huang Hong ; Guang, Yuan Xiao
Source title: Philosophical Magazine
- 11、 Accession number:20180704781309
Title:Efficient removal of organic dyes molecules by grain-like α -Fe₂O₃ nanostructures under visible light irradiation
Authors:Dong, Yidi ; Xing, Lei; Hu, Fang ; Wu, Xiang
Source title: Vacuum
- 12、 Accession number:20180904832963
Title:Functionally graded stainless steel fabricated by direct laser deposition: Anisotropy of mechanical properties and hardness
Authors:Wang, Qiang ; Zhang, Song ; Zhang, Chun-Hua ; Wu, Chen-Liang
Source title: Acta Metallurgica Sinica (English Letters)
- 13、 Accession number:20181004878731
Title:Phase evolution and wear resistance of in situ synthesized V₈C₇ particles reinforced Fe-based coating by laser cladding
Authors:Wang, C. ; Zhang, S. ; Zhang, C.H. ; Wu, C.L.
Source title: Optics and Laser Technology
- 14、 Accession number:20181004855271
Title: Effect of Fe and Ni contents on microstructure and wear resistance of aluminum bronze coatings on 316 stainless steel by laser cladding
Authors:Tao, X.P. ; Zhang, S. ; Zhang, C.H. ; Wu, C.L.
Source title: Surface and Coatings Technology
- 15、 Accession number:20174304313012
Title:Effect of calcination temperature on the microstructure and antimicrobial activity of boron and cerium co-doped titania nanomaterials
Authors:Wang, Y.Z. ; Wang, C. ; Zhang, S.W.
Source title: Materials Technology
- 16、 Accession number:20171503552074
Title: Characteristics of array holes with large aspect ratio in aluminum-based cast alloy

Authors:Meiling, Jin; Yingdong, Qu ; Junhua, You ; Rongde, Li

Source title: Materials and Manufacturing Processes

17、 Accession number:20180504685739

Title: Effect of temperature on the anisotropy of AZ31 magnesium alloy rolling sheet under high strain rate deformation

Authors:Liu, Yanyu ; Mao, Pingli; Zhang, Feng; Liu, Zheng ; Wang, Zhi

Source title: Philosophical Magazine

18、 Accession number:20181104908547

Title:Failure process of thermal sprayed WC-12Co coating in liquid zinc corrosion

Authors:Li, Deyuan ; Zhang, Guangwei ; Zhang, Nannan

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

19、 Accession number: 20181204923988

Title:Synthesis and properties of a new halogen-free flame retardant for polyethylene

Authors: Long, Jiapeng ; Li, Sanxi ; Liang, Bing

Source title: Pigment and Resin Technology

20、 Accession number: 20181204926774

Title: NiCo₂S₄nanotube arrays grown on flexible carbon fibers as battery-type electrodes for asymmetric supercapacitors

Authors:Liu, Chang; Wu, Xiang

Source title: Materials Research Bulletin

理学院 (JA: 8 篇)

JA

1、 Accession number:20180204632486

Title:Coordination Polymer Derived Sulfur Vacancies Rich CdS Composite Photocatalyst with Nitrogen Doped Carbon as Matrix for H₂Production

Authors: Shi, Fa-Nian

Source title: ACS Sustainable Chemistry and Engineering

2、 Accession number:20180404669513

Title:Synthesis, characterization and properties of acetylated high-amylose corn starch

Authors: Yanping, Li

Source title: Cellulose Chemistry and Technology

3、 Accession number:20180704795868

Title:Controlled synthesis of Co₂C nanochains using cobalt laurate as precursor: Structure, growth mechanism and magnetic properties

Authors: Wang, Xiaolei

Source title: Journal of Magnetism and Magnetic Materials

4、Accession number:20180904835929

Title:Magnetic and thermodynamic properties of Ising model with borophene structure in a longitudinal magnetic field

Authors: Shi, Kaile ; Jiang, Wei ; Guo, Anbang; Wang, Kai ; Wu, Chuang

Source title: Physica A: Statistical Mechanics and its Applications

5、Accession number:20180704804273

Title:Oxygen vacancy rich Cu₂O based composite material with nitrogen doped carbon as matrix for photocatalytic H₂production and organic pollutant removal

Authors:Shi, Fa-Nian

Source title: Dalton Transactions

6、Accession number:20181004882427

Title:Characterization of filiform corrosion of Mg - 3Zn Mg alloy

Authors:Wang, Hongxin ; Yu, Jin

Source title: Journal of the Electrochemical Society

7、Accession number:20181004884417

Title: Removal of perfluorooctanoic acid in simulated and natural waters with different electrode materials by electrocoagulation

Authors: Lu, Ming-Xin ; Peng, Fu-Hai ; Bao, Jia

Source title: Chemosphere

8、Accession number: 20181204919730

Title: Microwave-assisted transesterification of glycerol with dimethyl carbonate over sodium silicate catalyst in the sealed reaction system

Authors:Wang, Song ; Xu, Lanlan; Okoye, Patrick U. ; Li, Sanxi ; Tian, Chengcheng

Source title: Energy Conversion and Management

电气工程学院 (JA: 13 篇, CA: 4 篇)

JA

1、Accession number:20175204579168

Title:A novel cost-effective two-level inverter with combined use of thyristors and IGBTs

Authors: Chen, Dezhi

Source title: Journal of Electrical Engineering and Technology

2、Accession number:20175204577740

Title:A Method for Reducing Detent Force Fluctuation by Double-V-Shaped Structure in Permanent Magnet Linear Motor

Authors: Peng, Bing ; Li, Liping ; Zhang, Nan; Zhao, Guoxin; Liu, Tiefu

Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical

Society

3、 Accession number:20175204577753

Title: Primary Frequency Regulation Strategy of DFIG Based on Virtual Inertia and Frequency Droop Control

Authors:Zhang, Guanfeng ; Yang, Junyou; Ge, Yangyang ; Xing, Zuoxia

Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

4、 Accession number: 20175204577739

Title: Modal Analysis of the Flexible Rotor System for High-Power High-Speed Permanent Magnet Machine

Authors: Zhang, Fengge

Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

5、 Accession number: 20175204577743

Title: Numerical Calculation and Analysis of Lobe-Type Magnetic Shielding in High Voltage Auto-Transformer

Authors: Li, Yan

Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

6、 Accession number: 20175204577738

Title: Effect of Rotor Structure on Rotor Dissipation for Totally-Enclosed High-Speed Permanent Magnet Motor

Authors: Tong, Wenming ; Sun, Jingyang; Wu, Shengnan

Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

7、 Accession number: 20180204625270

Title: Design of a novel energy-saving contactor using two-phase magnetic material

Authors: Chen, Dezhi ; Fang, Liwei ; Bai, Baodong

Source title: International Journal of Applied Electromagnetics and Mechanics

8、 Accession number: 20180304649242

Title: Segmented Variable Universe Fuzzy Iterative Learning Control for Permanent Magnet Linear Synchronous Motor Servo System

Authors: Zhao, Ximei ; Jin, Hongyan

Source title: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society

9、 Accession number: 20180404668161

Title: Strength analysis and design of high speed interior permanent magnet rotor
Authors: Zhang, Chao ; Tong, Wen-Ming; Han, Xue-YanZhao, Ximei ; Jin, Hongyan
Source title: Dianji yu Kongzhi Xuebao/Electric Machines and Control

10、 Accession number: 20180704798283

Title: A new reliability-based optimal design algorithm of electromagnetic problems with uncertain variables: Multi-objective approach
Authors: Ren, Ziyang ; Peng, Baoyang ; Zhao, Guoxin
Source title: Journal of Electrical Engineering and Technology

11、 Accession number: 20181004886540

Title: Path tracking control of an indoor transportation robot utilizing future information of the desired trajectory
Authors: Wang, Yina; Yang, Junyou
Source title: International Journal of Innovative Computing, Information and Control

12、 Accession number: 20180704790452

Title:Study on Counter-Rotating Dual-Rotor Permanent Magnet Motor for Underwater Vehicle Propulsion
Authors:Liu, Guangwei ; Qiu, Guohua ; Shi, Jin; Zhang, Fengge
Source title: IEEE Transactions on Applied Superconductivity

13、 Accession number: 20180704790452

Title:Prediction of synchronous closing time of permanent magnetic actuator for vacuum circuit breaker based on PSO-BP
Authors:Hou, Chunguang; Yu, Xiao ; Cao, Yundong; Lai, Changxue; Cao, Yuchen
Source title: IEEE Transactions on Dielectrics and Electrical Insulation

CA

1、 Accession number: 20180704802905

Title:Trap dependent interface charge behaviors of fluorinated HVDC cable accessories
Authors: Li, Xiaolong
Source title : Proceedings of the International Symposium on Electrical Insulating Materials

2、 Accession number:20180204632868

Title:Design of a new type of magnetic core structure for dynamic wireless charging of electric vehicle
Authors: Zhang, Fengge ; Yao, Lidong; Lv, Yanchen
Source title: 2017 IEEE Transportation Electrification Conference and Expo, Asia-Pacific, ITEC Asia-Pacific 2017

3、Accession number:20180204632749
Title:Temperature field calculation and experimental research on brushless doubly fed machine with hybrid rotor
Authors:Jiang, Xiaodong ; Zhang, Fengge; Xu, Xiaolong
Source title: 2017 IEEE Transportation Electrification Conference and Expo, Asia-Pacific, ITEC Asia-Pacific 2017

4、Accession number:20175304593158
Title:Aerodynamic load control strategy of wind turbine in microgrid
Authors:Wang, Xiangming
Source title: IOP Conference Series: Earth and Environmental Science

信息科学与工程学院 (JA: 9 篇, CA: 2 篇)

JA

1、Accession number:20180104599786
Title:An FET-type gas sensor with a sodium ion conducting solid electrolyte for CO₂ detection
Authors: Jin, Xiaoshi
Source title: Sensors and Actuators, B: Chemical

2、Accession number:20180404664621
Title:Study on Magnetic Memory Signal Character of Metal Plastic Deformation Based on OLCAO Algorithm
Authors: Wang, Guoqing 7; Yang, Lijian 7; Liu, Bin
Source title: Jixie Gongcheng Xuebao/Journal of Mechanical Engineering

3、Accession number:20180804822662
Title: Theoretical relationship between p-type polysilicon thin film gauge factor and doping concentration
Authors: Chuai, Rong-Yan
Source title: Wuli Xuebao/Acta Physica Sinica

4、Accession number:20180904834504
Title: Effect of fluorine diffusion on amorphous-InGaZnO-Based thin-film transistors
Authors: Jiang, Jingxin
Source title: Journal of Nanoscience and Nanotechnology

5、Accession number:20180804822975
Title: Development of a fuel management model for a multi-source district heating system under multi-uncertainty and multi-dimensional constraints
Authors: Gui, J.
Source title: Energy Conversion and Management

- 6、Accession number:20181004882593**
Title: Test procedure for stress damage of ferromagnetic materials based on metal magnetic memory effects
Authors:Wang, Guoqing; Yang, Lijian
Source title: Materialpruefung/Materials Testing
- 7、Accession number:20181004884357**
Title:Single-machine group scheduling with new models of position-dependent processing times
Authors: Tan, Yuanyuan
Source title: Computers and Industrial Engineering
- 8、Accession number:20181004861886**
Title: Scheduling method for networked control system with resource constraints based on fuzzy feedback priority and variable sampling period
Authors: Zhongda, Tian ; Shujiang, Li ; Yanhong, Wang ; Xiangdong, Wang
Source title: Transactions of the Institute of Measurement and Control
- 9、Accession number:20181104894560**
Title: Design, preparation and performance study of on-chip flow-through amperometric sensors with an integrated Ag/AgCl reference electrode
Authors:Zhang, He; Chuai, Rongyan ; Li, Xin ; Zhang, Bing
Source title: Micromachines

CA

- 1、Accession number:20180804811927**
Title:Offline Chinese signature verification based on AlexNet
Authors:Wencheng, Cui ; Xiaopeng, Guo ; Hong, Shao; Limin, Zou
Source title : Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST
- 2、Accession number:20181104900946**
Title: Bandwidth and delay fairness in Time Wavelength Division Multiplexed Passive Optical Network (TWDM-PON)
Authors:Zato, Matinou Issowava ; Zhang, Lincong ; Liang, Ying
Source title : ICOCN 2017 - 16th International Conference on Optical Communications and Networks

建筑与土木工程学院（JA:2篇）

JA

- 1、Accession number:20180804822660**
Title:Electron-theoretical study on the influences of torsional deformation on electrical and optical properties of 0 atom absorbed graphene
Authors:Fan, Da-Zhi ; Liu, Gui-Li ; Wei, Lin

Source title: Wuli Xuebao/Acta Physica Sinica

2、Accession number:20181104908713

Title: A nonlinear tri-parameter strength criterion for rock materials and its application

Authors:Kong, Zhi-Peng ; Sun, Hai-Xia ; Chen, Si-Li

Source title: Yantu Lixue/Rock and Soil Mechanics

管理学院 (JA: 2 篇)

JA

1、Accession number:20180204632123

Title:Research on social e-commerce reputation formation and state-introduced model

Authors:Wei, Chuang ; Yu, Zhao-Ji ; Chen, Xiao-Nan

Source title: Kybernetes

2、Accession number:20181104907970

Title: Entropy-TOPSIS method for selecting locations for electric vehicle charging stations

Authors:Xu, W. ; He, F.

Source title: Advances in Transportation Studies

体育部 (JA: 1 篇)

JA

1、Accession number: 20175204573708

Title:A comparative experimental study of college physical education classroom effect and sports performance based on information education mode

Authors: Chen, Yimin

Source title: Boletin Tecnico/Technical Bulletin

其他: 未注明学院 (JA: 2 篇)

JA

1、Accession number: 20180204634817

Title:Study on Dielectric Strength Recovery Mechanism of High Voltage SF6Circuit Breaker

Authors:Lin, Xin; Xu, Jianyuan ; Xia, Yalong ; Geng, Zhenxin

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

2、Accession number: 20180704790909

Title:A Planar Layered Two-Phase System Model of Frequency Response of Insulation System for Estimating Moisture in IOCT

Authors:Wang, Qingpeng (1); Bai, Baodong (1); Chen, Dezhi (1); He, Xiaoyu

Source title: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese

Society of Electrical Engineering