

## 哈理工 2018 年发表论文情况 351 条

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### 1、 **Experimental evaluation on texture of flank face on tool wear in chamfer milling of stainless steel**

**Yin, Shubin** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Ji, Wei; He, Genghuang; Liu, Xianli; Wang,**

**Lihui** Source: *International Journal of Advanced Manufacturing Technology*, v 99, n 9-12, p 2929-2937, December 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 2、 **Experimental study on elements diffusion of carbide tool rake face in turning stainless steel**

**Zheng, Minli** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, No.52 Xuefu Road, Nangang District, Harbin; 150080, China); **Chen, Jinguo; Li,**

**Ze; Zhang, Wei; Li, Pengfei; Xie, Haihe** Source: *Journal of Advanced Mechanical Design, Systems and Manufacturing*, v 12, n 4, 2018

Database:Compendex

Document type:Journal article (JA)

### 3、 **Experimentation and simulation of second sequential loop orthodontic moment prediction modeling**

**Jiang, Jingang** (Robotics and Its Engineering Research Center, Harbin University of Science and Technology, Harbin; 150080, China); **Ma, Xuefeng; Han, Yingshuai; Zhang, Yongde; Liu,**

**Yi** Source: *IEEE Access*, v 6, p 56258-56268, 2018

Database:Compendex

Document type:Journal article (JA)

### 4、 **Effects of the comprehensive stiffness performance of the impeller processing system on the machining error**

**Wu, Shi** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Yangyang; Liu, Xianli; Liu, Hairui; Xu,**

**Li** Source: *International Journal of Manufacturing Research*, v 13, n 2, p 151-167, 2018

Database:Compendex

Document type:Journal article (JA)

### 5、 **Design of filament winding pattern for composite dry-fiber reinforced rotary structures**

**Yang, Hai** (School of Mechanical Engineering, Harbin University of Science and Technology,

Harbin; 150080, China); **Xu, Jiazhong; Liu, Meijun; Tian, Jiande; Liu, Baoquan** Source: *Fuhe*

*Cailliao Xuebao/Acta Materiae Compositae Sinica*, v 35, n 12, p 3500-3507, December 1,

2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

## 6、 Vehicle Centroid Measurement System Based On Forward Tilt

### Method Error Analysis

**Zhao, Xintong** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang; 150080, China); **Kang, Jing; Lei, Tianqi; Wang,**

**Yunzhou; Cao, Ziyang** **Source:** *IOP Conference Series: Materials Science and Engineering*, v 452, n 4, December 13, 2018, *2018 3rd International Conference on Insulating Materials, Material Application and Electrical Engineering - Electrical Engineering and Automation*

**Database:**Compendex

**Document type:**Conference article (CA)

## 7、 Neural network model reference decoupling control for single

### leg joint of hydraulic quadruped robot

**Gao, Bingwei** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); **Han, Wenlong** **Source:** *Assembly Automation*, v 38, n 4, p

465-475, September 3, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 8、 Application of robot to hand function rehabilitation

**Jiang, Jingang** (Robotics & ITS Engineering Research Center, Harbin University of Science and Technology, Harbin; 150080, China); **Min, Zhaowei; Ma, Xuefeng; Zhang, Yongde; Song,**

**Shichang** **Source:** *Recent Patents on Mechanical Engineering*, v 11, n 1, p 2-14, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 9、 The finite element analysis of the shape of the femoral head

### prosthesis on the influence of the hip joint

**Wang, Monan** (Mechanical and Power Engineering College, Harbin University of Science and

Technology, Harbin, China); **Wang, Mingxu** **Source:** *2017 IEEE International Conference on Cybernetics and Intelligent Systems, CIS 2017 and IEEE Conference on Robotics, Automation and Mechatronics, RAM 2017 - Proceedings*, v 2018-January, p 480-483, January 29, 2018, *2017 IEEE International Conference on Cybernetics and Intelligent Systems, CIS 2017 and IEEE Conference on Robotics, Automation and Mechatronics, RAM 2017 - Proceedings*

**Database:**Compendex

**Document type:**Conference article (CA)

## 10、 Imulation of temperature field in swirl pulverized coal boiler

**Lv, Wei** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wu, Weifeng; Chen, Chen; Chen, Weifeng; Qi, Guoli; Zhang, Songsong** Source: *IOP Conference Series: Earth and Environmental Science*, v 121, n 5, March 16, 2018, *International Conference on Energy Engineering and Environmental Protection, EEEP 2017 - Energy Technique and Management*

Database:Compendex

Document type:Conference article (CA)

### 11、 **A study on the milling temperature and tool wear of difficult-to-machine 508III steel**

**Cheng, Yaonan** (The Key Laboratory of National and Local United Engineering for “High-Efficiency Cutting & Tools”, Harbin University of Science and Technology, Harbin, China); **Guan, Rui; Lu, Zhenzhen; Xu, Ming; Liu, Yizhi** Source: *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, v 232, n 14, p 2478-2487, December 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 12、 **An enriched machining feature based approach to cutting tool selection**

**Ji, Wei** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); **Wang, Lihui; Haghghi, Azadeh; Givehchi, Mohammad; Liu, Xianli** Source: *International Journal of Computer Integrated Manufacturing*, v 31, n 1, p 1-10, January 2, 2018

Database:Compendex

Document type:Journal article (JA)

### 13、 **Fracture Healing Simulation Considering Blood Supply and Mechanics Conditions**

**Wang, Mo-Nan** (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin; 150080, China) Source: *Zidonghua Xuebao/Acta Automatica Sinica*, v 44, n 2, p 240-250, February 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

### 14、 **Tool path planning without interference for convex surfaces based on the optimal cutter orientation of the annular cutter**

**He, Chunsheng** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Zheng, Minli; Yang, Shucui; Tong, Xin** Source: *International Journal on Interactive Design and Manufacturing*, v 12, n 3, p 787-800, August 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 15、 Dynamics Analysis of Milling Multi-hardness Mosaic

### Hardened Steel

**Yue, Caixu** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Feng, Lei; Gao, Haining; Zhu, Lei; Zhang, Haitao; Liu, Xianli** **Source:** *Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis*, v 38, n 3, p 531-539, June 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 16、 Development of an automatic grinding system for servo valve spool throttling edge

**Guo, Hua** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, China); **Yang, Zenghui; Li, Yuefeng; Wang,**

**Guanglin** **Source:** *Proceedings - 33rd ASPE Annual Meeting*, p 369-374, 2018, *Proceedings - 33rd ASPE Annual Meeting*

**Database:**Compendex

**Document type:**Conference article (CA)

## 17、 Plastic deformation-based energy consumption modelling for machining

**Meng, Yue** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Lihui; Lee, Chen-Han; Ji, Wei; Liu,**

**Xianli** **Source:** *International Journal of Advanced Manufacturing Technology*, v 96, n 1-4, p 631-641, April 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 18、 High Speed Drive Method of Permanent Magnet Synchronous Motor Based on Voltage Proportional Contraction Harmonic Injection

**Wang, Lei** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; Heilongjiang; 150080, China); **Jiang, Rui** **Source:** *Beijing Ligong Daxue Xuebao/Transaction of Beijing Institute of Technology*, v 38, n 1, p 26-32, January 1,

2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

## 19、 The effect of tooth root transition surface on bending strength of orthogonal face gear

**Zhao, Xinhui** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Sun, Yongguo; Yu, Guangbin** **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 39, n 6, p 1066-1072, June 5, 2018

**Database:**Compendex

Document type:Journal article (JA)

## 20、 Optimization and numerical simulation of outlet of twin screw extruder

**Zhang, Yuan** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Jiang, Xiaohan; Fan, Huaping; Li, Xihan** Source: *MATEC Web of Conferences*, v 153, February 26, 2018, *4th International Conference on Mechatronics and Mechanical Engineering, ICMME 2017*

Database:Compendex

Document type:Conference article (CA)

## 21、 Study on angle value subdivision method based on the idea of gene mutant screening

**Wang, Lei** (School of Mechanical Power and Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Ren, Qimin; Han, Jichao; Zhang, Hongxin** Source: *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 39, n 11, p 103-115, November 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 22、 Research on Intelligent Diagnosis of Oil Pumping Well Based on Optimized BP Neural Network

**Xianjiang, Shi** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Jian, Zhang; Xiangdong, Zhu** Source: *Chinese Control Conference, CCC*, v 2018-July, p 5670-5674, October 5, 2018, *Proceedings of the 37th Chinese Control Conference, CCC 2018*

Database:Compendex

Document type:Conference article (CA)

## 23、 Experimental study on cutting force and cutting temperature in high speed milling of hardened steel based on response surface method

**Zhang, Wei** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Xiuqi; He, Fengshun; Wu, Tong** Source: *International Journal of Manufacturing Research*, v 13, n 2, p 99-117, 2018

Database:Compendex

Document type:Journal article (JA)

## 24、 Optimization of high-speed milling hardened mold processing parameters based on surface morphology research

**Zhang, Wei** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, Lei; Wang, Shuqi; Wang, Ben; Meng, Shuai** Source: *International Journal on Interactive Design and Manufacturing*, v 12, n 4, p 1495-1514, November 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 25、**Experimental study on high-speed hard cutting by PCBN tools with variable chamfered edge**

**Chen, Tao** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Guo, Jian; Wang, Daoyuan; Li, Suyan; Liu, Xianli** **Source:** *International Journal of Advanced Manufacturing Technology*, v 97, n 9-12, p 4209-4216, August 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 26、**Study on force modeling and measurement for bevel tip**

**flexible needle insertion into soft tissue** **Zhang, Yongde** (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin; 150080, China); **Shi, Kaiming; Zhao, Yanjiang; Yang, Jichao; Liu, Jia; Huang, Lei** **Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 39, n 6, p 164-172, June 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

## 27、**Analysis and experimental study of the cutting mechanism in machined nickel-base superalloys GH4169 with PCBN tools under high pressure cooling**

**Wu, Mingyang** (The Key Laboratory of National and Local United Engineering for "High-Efficiency Cutting & Tools", Harbin University of Science and Technology, Nangang District, Harbin, China); **Li, Lubin; Liu, Xianli; Cheng, Yaonan; Yu, Yongxin** **Source:** *Integrated Ferroelectrics*, v 189, n 1, p 105-120, May 4, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 28、**Structural design of customized femoral prosthesis**

**Wang, Monan** (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin, China); **Li, Changqing; Wang, Mingxu; Jing, Juntong** **Source:** *2017 IEEE International Conference on Cybernetics and Intelligent Systems, CIS 2017 and IEEE Conference on Robotics, Automation and Mechatronics, RAM 2017 - Proceedings*, v 2018-January, p 572-575, January 29, 2018, *2017 IEEE International Conference on Cybernetics and Intelligent Systems, CIS 2017 and IEEE Conference on Robotics, Automation and Mechatronics, RAM 2017 - Proceedings*

**Database:**Compendex

**Document type:**Conference article (CA)

### 29、 Recent advances on gait control strategies for hydraulic quadruped robot

**Shao, Junpeng** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, No.52 Xuefu Road, Nangang District, Harbin; Heilongjiang Province; 150080, China); **Ren, Dongyi**; **Gao, Bingwei** **Source:** *Recent Patents on Mechanical Engineering*, v 11, n 1, p 15-23, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 30、 Investigations on the impact fracture of cemented carbide insert during heavy-duty cutting

**Wang, Tong** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin, China); **Liu, Li**; **Cheng, Yaonan**; **He, Genghuang**; **Xu, Ming** **Source:** *International Journal of Machining and Machinability of Materials*, v 20, n 1, p 1-12, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 31、 Investigation into fluctuating anisotropy for biomass gasification in bubbling fluidized bed gasifier

**Chen, Juhui** (School of Mechanical Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Shi, Xiao**; **Wang, Shuai**; **Li, Jiahao**; **Hu, Ting**; **Lin, Feng**; **Liu, Minghao** **Source:** *Applied Thermal Engineering*, v 138, p 774-782, 25 June 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 32、 Prediction for rolling bearing performance degradation based on manifold learning and M-KH-SVR

**Xu, Di** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Ge, Jiang-Hua**; **Wang, Ya-Ping**; **Shao, Jun-Peng** **Source:** *Zhendong Gongcheng Xuebao/Journal of Vibration Engineering*, v 31, n 5, p 892-901, October 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

### 33、 Investigation on the temperature field under the action of the blunt tool edge for precision cutting of titanium alloys

**Yang, Shucui** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Tong, Xin**; **Liu, Xianli**; **Zhang, Yuhua**; **He, Chunsheng** **Source:** *International Journal on Interactive Design and Manufacturing*, v 12, n 3, p 823-831, August 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 34、 Evaluation of the machinability of titanium alloy using a

#### micro-textured ball end milling cutter 机械

**Li, Qiang** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Yang, Shucui; Zhang, Yuhua; Zhou, Yongzhi; Cui, Jiangtao** **Source:** *International Journal of Advanced Manufacturing Technology*, v 98, n 5-8, p 2083-2092, September 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 34、 Experimental evaluation on grinding texture on flank face in

#### chamfer milling of stainless steel 机械

**Liu, Xian-Li** (Harbin University of Science and Technology, Harbin; 150080, China); **Shi, Jin-Kui; Ji, Wei; Wang, Li-Hui** **Source:** *Chinese Journal of Mechanical Engineering (English Edition)*, v 31, n 4, August 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 35、 Study on three-dimensional digital expression and robot

#### bending method of orthodontic archwire

**Jiang, Jingang** (Robotics and its Engineering Research Center, Harbin University of Science and Technology, Harbin; 150080, China); **Ma, Xuefeng; Zhang, Yongde; Huo, Biao; Liu, Yi** **Source:** *Applied Bionics and Biomechanics*, v 2018, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 36、 Experimental and simulation study on surface texture of

#### hardened steel mold **Zhang, Wei** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Shuqi; Cheng, Chao; Du, Changjian** **Source:** *International Journal on Interactive Design and Manufacturing*, v 12,

n 4, p 1399-1421, November 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 37、 ORTHODONTIC PROCESS SAFETY EVALUATION BASED on PERIODONTAL LIGAMENT CAPILLARY PRESSURE and OGDEN MODEL

**Jiang, Jingang** (Robotics and Its Engineering Research Center, Harbin University of Science and Technology, Harbin; 150080, China); **Huang, Zhiyuan; Ma, Xuefeng; Zhang, Yongde; Han,**



**Yingshuai; Liu, Yi** Source: *Journal of Mechanics in Medicine and Biology*, v 18, n 8, December 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 38、 **Calculation of negative-pressure chip in suction-type internal chip removal system and analysis of influencing factors**

**Xu, Chenyang** (School of Mechanical Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Yiwen, Wang; Jiazhong, Xu; Xianli, Liu** Source: *International Journal of Advanced Manufacturing Technology*, v 99, n 1-4, p 201-209, 2018

Database:Compendex

Document type:Journal article (JA)

### 39、 **Numerical study of rice husk and coal co-combustion characteristics in a circulating fluidized bed**

**Wang, Zuomin** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Jiuru** Source: *IOP Conference Series: Earth and Environmental Science*, v 113, n 1, February 22, 2018, *3rd International Conference on Advances in Energy Resources and Environment Engineering*

Database:Compendex

Document type:Conference article (CA)

### 40、 **Research on over modulation response and demodulation method of motor current signals for rolling bearing faults**

**Shi, Xianjiang** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, Jian; Zhu, Xiangdong; Si, Junshan** Source: *2018 15th International Conference on Ubiquitous Robots, UR 2018*, p 867-874, August 20, 2018, *2018 15th International Conference on Ubiquitous Robots, UR 2018*

Database:Compendex

Document type:Conference article (CA)

### 41、 **Biomechanical modeling and simulation of subcutaneous adipose tissue based on linear elastic and hyperelastic model**

**Wang, Monan** (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin; 150080, China); **Liang, Jianan; Mao, Zhiyong** Source: *Journal of Mechanics in Medicine and Biology*, v 18, n 7, November 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 42、 **Mechanical fault detection and diagnosis device for wind generator by using stator electrical signatures**

**Shi, Xianjiang** (Harbin University of Science and Technology, Harbin; 150080, China); **Li, Wantao; Cao, Yi; Zhao, Xiaowen** Source: *2017 IEEE International Conference on Real-Time*

*Computing and Robotics, RCAR 2017*, v 2017-July, p 700-703, March 9, 2018, *2017 IEEE International Conference on Real-Time Computing and Robotics, RCAR 2017*

Database:Compendex

Document type:Conference article (CA)

#### 43、 **Temperature field of tool engaged cutting zone for milling of titanium alloy with ball-end milling**

**Yang, Shucai** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **He, Chunsheng; Zheng, Minli; Wan, Quan; Zhang,**

**Yuhua**Source: *Micromachines*, v 9, n 12, December 18, 2018

Database:Compendex

Document type:Journal article (JA)

#### 44、 **Investigation on the characteristic of forces of the tool edge in finish machining of titanium alloys**

**Yang, Shucai** (The Key Laboratory of National and Local United Engineering for "High-Efficiency Cutting & Tools", Harbin University of Science and Technology, Harbin; 150080, China); **Tong,**

**Xin; Liu, Xianli; Ji, Wei; Zhang, Yuhua** Source: *International Journal of Advanced Manufacturing Technology*, v 96, n 5-8, p 2431-2441, May 1, 2018

Database:Compendex

Document type:Journal article (JA)

#### 45、 **Investigations on the axial cutting force during drilling of carbon fiber composite material**

**Wu, Mingyang** (Harbin University of Science and Technology, Harbin, China); **Chen, Yong; Yu,**

**Guangbin; Gao, Yongbin; Tong, Mulin** Source: *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, v 232, n 13, p 2430-2436, November 1, 2018

Database:Compendex

Document type:Journal article (JA)

#### 46、 **Experimental evaluation on micro-texture parameters of carbide ball-nosed end mill in machining of titanium alloy**

**Yang, Shucai** (Harbin University of Science and Technology, Harbin; 150080, China); **Liu,**

**Weiwei; Zhang, Yuhua; Wan, Quan** Source: *International Journal of Advanced Manufacturing Technology*, v 96, n 5-8, p 1579-1589, May 1, 2018

Database:Compendex

Document type:Journal article (JA)

#### 47、 **Experimental study on cutting tool wear in milling carbon fiber composites with spiral staggered diamond-coated milling cutter**

**Chen, Tao** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Gao, Fei; Li, Suyan; Liu, Xianli** **Source:** *International Journal of Advanced Manufacturing Technology*, v 98, n 1-4, p 413-419, September 1, 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

#### 48、 **The effect of characteristics of free-form surface on the machined surface topography in milling of panel mold**

**Yang, Lin** (The Key Laboratory of National and Local United Engineering for “High-Efficiency Cutting & Tools”, Harbin University of Science and Technology, Harbin; 150080, China); **Wu, Shi;Liu, Xianli; Liu, Zhijing; Zhu, Meiwen; Li, Zhonghua** **Source:** *International Journal of Advanced Manufacturing Technology*, v 98, n 1-4, p 151-163, September 1, 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

#### 49、 **Simulation and experimental study on cavitation and noise of hydraulic cone valve**

**Wang, Xiaojing** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); **Liu, Hao; Man, Guojia** **Source:** *Industrial Lubrication and Tribology*, 2018  
Article in Press  
**Database:**Compendex  
**Document type:**Article in Press

#### 50、 **Experimental study and simulation on the chip sticking–welding of the carbide cutter’s rake face**

**Chen, Jinguo** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Zheng, Minli; Li, Pengfei; Feng, Jingyang; Sun, Yushuang** **Source:** *International Journal on Interactive Design and Manufacturing*, v 12, n 4, p 1309-1319, November 1, 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

#### 51、 **Design, Manufacture And Grinding Accuracy Detection of PCBN Tools with Variable Chamfer Edge**

**Chen, Tao** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Daoyuan; Li, Suyan; Liu, Xianli** **Source:** *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 54, n 11, p 214-221, June 5, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)

## 52、 Experimental and continuous stamping simulation study on surface wear of hardened steel mold

**Zhang, Wei** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Shuqi**; **Chen, Jinguo**; **Cheng, Chao**; **Zhang, Lei**

**Source:** *International Journal on Interactive Design and Manufacturing*, v 12, n 4, p 1481-1494, November 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 53、 Research progress and prospect of nursing robot

**Jiang, Jingang** (Robotics & ITS Engineering Research Center, Harbin University of Science and Technology, Harbin; 150080, China); **Huang, Zhiyuan**; **Huo, Biao**; **Zhang, Yongde**; **Song, Shichang**

**Source:** *Recent Patents on Mechanical Engineering*, v 11, n 1, p 41-57, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 54、 J-C constitutive modeling of high temperature alloys

### Inconel625

**Liu, Er-Liang** (School of Mechanical Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Xing, Hong-Wei**; **Wang, Ming-Ming**; **Xu, Zhi-Chao**; **Zhao, Na**

**Source:** *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 28, n 4, p 732-741, April 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

## 55、 Hydraulic robot joint force compensation control

**Shao, Xuan** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, Yong-De**; **Sun, Gui-Tao**; **Xu, Yan-Shuai**

**Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 9, p 98-103, September 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

## 56、 Identification of continuous rotary motor based on improved particle swarm optimizing support vector machine model

**Wang, Xiaojing** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin; 150080, China); **Liu, Meizhen**; **Chen, Shuai**; **Liu, Hao**

**Source:** *International Journal of Innovative Computing, Information and Control*, v 14, n 6, p 2189-2202, December 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 57、 Recent patents on wrist rehabilitation equipment

**Tang, Dedong** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Gao, Yu** Source: *Recent Patents on Mechanical Engineering*, v 11, n 2, p 91-99, 2018

Database:Compendex

Document type:Journal article (JA)

## 58、 Orthodontic force measuring devices: Current and future

**Jiang, Jingang** (Robotics & ITS Engineering Research Center, Harbin University of Science and Technology, Harbin; 150080, China); **Ma, Xuefeng; Zhang, Yongde; Han, Yingshuai; Wang, Kairui** Source: *Recent Patents on Mechanical Engineering*, v 11, n 4, p 285-297, 2018

Database:Compendex

Document type:Journal article (JA)

## 59、 Springback mechanism analysis and experimentation of orthodontic archwire bending considering slip warping phenomenon

**Jin-gang, Jiang** (Robotics and its Engineering Research Center, Harbin University of Science and Technology, Harbin, China); **Xue-Feng, Ma; Yong-De, Zhang; Yi, Liu; Biao,**

**Huo** Source: *International Journal of Advanced Robotic Systems*, v 15, n 3, May 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 60、 Design and performance of high trafficability self-propelled device of blueberry harvester

**Bao, Yudong** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Liang, Zhao; Zhao, Yanling; Liu, Xianli; Yang, Jie; Guo, Yanling; Li, Zhipeng** Source: *Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering*, v 34, n 24, p 36-45, December 15, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 61、 Design and wear analysis of tool for high-efficiency disk milling roughing of aero-engine blisk channels

**Cheng, Yaonan** (The key laboratory of National and Local United Engineering for "High-Efficiency Cutting & Tools", Harbin University of Science and Technology, Harbin; 150080, China); **Yang, Jinlong; Chen, Tianqi; Xu, Ming** Source: *International Journal of Advanced Manufacturing Technology*, v 96, n 1-4, p 1305-1317, April 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 62、 Experiment and simulation of milling temperature field on hardened steel die with sinusoidal surface

**Zhang, Wei** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Cheng, Chao**; **Du, Xiaofeng**; **Chen,**

**Xiuqi** Source: *International Journal on Interactive Design and Manufacturing*, v 12, n 1, p 345-353, February 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 63、 **A method of measuring the frequency response function of the tool point based on the surface of feeding system**

**Li, Zhe** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Chao**; **Chen, Shuai**; **Ren, Dekuo** Source: *International Journal on Interactive Design and Manufacturing*, v 12, n 4, p 1361-1370, November 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 64、 **Research on the leakage of continuous rotary electro-hydraulic servo motor based on fluid structure interaction analysis**

**Wang, Xiaojing** (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); **Man, Guojia**; **Zhang, Mengjian** Source: *Industrial Lubrication and Tribology*, v 70, n 3, p 544-551, 2018

Database:Compendex

Document type:Journal article (JA)

### 65、 **Tool shape-performance-application integrated design approach: a development and a numerical validation**

**Ji, Wei** (Harbin University of Science and Technology, Harbin; 150080, China); **Zhao, Zemin**; **Liu, Xianli** Source: *International Journal of Advanced Manufacturing Technology*, v 94, n 5-8, p 1711-1717, February 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 66、 **Inner force inhibit and experiment research of hydraulic quadruped robot**

**Shao, Xuan** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, Yongde**; **Sun, Guitao**; **Jin, Zhaohui** Source: *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 39, n 9, p 73-81, September 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

### 67、 **Study on the influence of meso-geometrical features on milling force in precision machining of titanium alloy**

**Yang, Shucai** (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); **He, Chunsheng; Zheng, Minli; Wan, Quan; Zhang, Yuhua** Source: *Machining Science and Technology*, v 22, n 5, p 742-765, September 3, 2018  
Database:Compendex  
Document type:Journal article (JA)

## 68、 Optimum design and performance evaluation of layer face milling cutter for cutting 508III steel

**Cheng, Yaonan** (The Key Laboratory of National and Local United Engineering for "High-Efficiency Cutting & Tools", Harbin University of Science and Technology, Harbin; 150080, China); **Jia, Weikun; Nie, Wanying; Wang, Chao; Han, Yu** Source: *International Journal of Advanced Manufacturing Technology*, v 98, n 1-4, p 729-740, September 1, 2018  
Database:Compendex  
Document type:Journal article (JA)

测通 4 篇

### 1、 Measurement of thoraco-abdominal surface using 3D Fourier transform

**Meng, Xiao-Liang** (The Higher Educational Key Laboratory for Measuring & Control Technology and Instrumentations of Heilongjiang Province, Harbin University of Science and Technology, Harbin; 150080, China); **Yu, Xiao-Yang; Wu, Hai-Bin; Fan, Qi; Sun,**

**Xiao-Ming** Source: *Guangxue Jingmi Gongcheng/Optics and Precision Engineering*, v 26, n 4, p 778-787, April 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

### 2、 Experimental study on single vector hydrophone positioning

**Han, Chuang** (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin, China); **Ma,**

**Xiaofeng; Qu, Hongyue; Li, Zhongzheng** Source: *Proceedings - 2017 10th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2017*, v 2018-January, p 1-5, February 22, 2018, *Proceedings - 2017 10th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2017*

Database:Compendex

Document type:Conference article (CA)

### 3、 Effects of inorganic nano ZnO or montmorillonite inorganic nanoparticles on dielectric properties of low density polyethylene 测通

**Yu, Guang** (Higher Educational Key Laboratory for Measuring & Control Technology and Instrumentations of Heilongjiang province, Harbin University of Science and Technology, Harbin; 150080, China); **Shi, Yunbo; Cheng, Yujia; Zhang, Xiaohong** Source: *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 35, n 11, p 3019-3033, November 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

### 4、 Protocol-Based Fault Detection for Discrete Delayed Systems With Missing Measurements: The Uncertain Missing Probability Case

**Chen, Weilu** (School of Measurement and Communication, Harbin University of Science and Technology, Harbin; 150080, China); **Hu, Jun; Yu, Xiaoyang; Chen, Dongyan** Source: *IEEE Access*, v 6, p 76616-76626, 2018

Database:Compendex

Document type:Journal article (JA)



电气 83 篇

### 1、 **Conductivity properties of XLPE insulation used for HVDC cable after accelerated thermal ageing**

**Zhang, C.C.** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Y.F.**; **Hu, M.Y.**; **Ma, F.L.**; **Zhao, H.**; **Han, B.Z.** **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2018-May, p 500-503, June 29, 2018, *ICPADM 2018 - 12th International Conference on the Properties and Applications of Dielectric Materials*  
**Database:**Compendex  
**Document type:**Conference article (CA)

### 2、 **Effect of thermal aging on mechanical and physical performances of resisting water tree XLPE**

**Ma, F.L.** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, J.**; **Zhang, C.C.**; **Han, B.Z.**; **Zhao, H.** **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2018-May, p 495-499, June 29, 2018, *ICPADM 2018 - 12th International Conference on the Properties and Applications of Dielectric Materials*  
**Database:**Compendex  
**Document type:**Conference article (CA)

### 3、 **Effect of structure on electric properties of Polyimide/Al<sub>2</sub>O<sub>3</sub> composites investigated by SAXS**

**Li, Jialong** (Key Lab of Engineering Dielectrics and Their Application, Ministry of Education, Harbin, Heilongjiang Province; 150080, China); **Yin, Jinghua**; **Liu, Xiaoxu**; **Feng, Yu**; **Liu, Yuanyuan**; **Zhao, He**; **Li, Yanpeng**; **Zhu, Congcong** **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2018-May, p 960-965, June 29, 2018, *ICPADM 2018 - 12th International Conference on the Properties and Applications of Dielectric Materials*  
**Database:**Compendex  
**Document type:**Conference article (CA)

### 4、 **Single-slot type electrical excitation flux-switching motor and its maximum torque/copper loss control**

**Yuan, Jiayi** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); **Meng, Dawei**; **Lian, Guangkun**; **Li, Huitao**; **Ban, Fei** **Source:** *Proceedings of 2018 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2018*, December 4, 2018, *Proceedings of 2018 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2018*  
**Database:**Compendex  
**Document type:**Conference article (CA)

## 5、 Oil film shape prediction of hydrostatic thrust bearing under the condition of high speed and heavy load

**Yu, Xiaodong** (Harbin University of Science and Technology, Harbin, China); **Zuo, Xu; Liu, Chao; Zheng, Xuhang; Qu, Hang; Yuan, Tengfei** Source: *Industrial Lubrication and Tribology*, v 70, n 7, p 1243-1250, September 10, 2018

Database:Compendex

Document type:Journal article (JA)

## 6、 Design and research of permanent magnet vernier motor for electric vehicle

**Xie, Ying** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Hei, Liang-Sheng; Hua, Bang-Jie; Zhang, Xiao-Ming** Source: *Zhejiang Daxue Xuebao (Gongxue Ban)/Journal of Zhejiang University (Engineering Science)*, v 52, n 1, p 184-191, January 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 7、 Research of parameter identification of permanent magnet synchronous motor on line

**Shi, Jian-Fei** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Ge, Bao-Jun; Lü, Yan-Ling; Han, Ji-Chao** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 3, p 17-24, March 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 8、 Effect of moisture on dielectric properties of transformer oil during cooling process

**Guo, Wen-Min** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Hou, Xian-Kun; Liu, Dan** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 1, p 72-76 and 85, January 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 9、 Motion and path planning of a novel multi-mode mobile parallel robot based on chessboard-shaped grid division

**Wang, Zhaotian** (College of Electrical and Electronics Engineering, Harbin University of Science and Technology, Harbin, China); **Li, Yezhuo; Yao, Yan-An** Source: *Industrial Robot*, v 45, n 3, p 390-400, May 21, 2018

Database:Compendex

Document type:Journal article (JA)

## 10、 **Brushless direct-current motor sensorless control system based on periodic load**

**Lv, Degang** (School of electrical and electronic engineering, Harbin University of Science and Technology, Harbin, China); **Bian, Wenyue; Du, Zeyuan** **Source:** *Proceedings of 2018 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2018*, December 4, 2018, *Proceedings of 2018 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2018*

**Database:**Compendex

**Document type:**Conference article (CA)

## 11、 **Crosslinked polyethylene/polypyrrole nanocomposites with improved direct current electrical characteristics**

**Zhang, Chengcheng** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, Hongyu; Li, Chunyang; Duan, Sixu; Jiang, Yang; Yang, Jiaming; Han, Baozhong; Zhao, Hong** **Source:** *Polymer Testing*, v 71, p 223-230, October 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 12、 **Multi-feature Fusion Based on Semantic Understanding Attention Neural Network for Chinese Text Categorization**

**Xie, Jinbao** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Hou, Yongjin; Kang, Shouqiang; Li, Baiwei; Zhang, Xiao** **Source:** *Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology*, v 40, n 5, p 1258-1265, May 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

## 13、 **Performance of plug-in hybrid electric vehicle under low temperature condition and economy analysis of battery pre-heating**

**Wang, Tianze** (College of Electrical and Electronics Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wu, Xiaogang; Xu, Shaobing; Hofmann, Heath; Du, Jiuyu; Li, Jianqiu; Ouyang, Minggao; Song, Ziyu** **Source:** *Journal of Power Sources*, v 401, p 245-254, 15 October 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 14、 **Heat transfer characteristic research based on thermal network method in submersible motor**

**Xu, Yongming** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; Heilongjiang Province; 150080, China); **Ai, Mengmeng; Yang, Yang** Source: *International Transactions on Electrical Energy Systems*, v 28, n 3, March 2018  
Database:Compendex  
Document type:Journal article (JA)

15、 **A study of electrical aging of the turn-to-turn oil-paper insulation in transformers with a step-stress method**

**Nie, Hongyan** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Wei, Xinlao; Wang, Yonghong; Chen, Qingguo** Source: *Energies*, v 11, n 12, December 1, 2018  
Database:Compendex  
Document type:Journal article (JA)

16、 **The suppression of space charge accumulation in CB/LDPE nanocomposites and its association with molecule relaxation**

**Yan, Zhiyu** (Key Laboratory of Engineering Dielectric and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Zhao, Hong; Han, Baozhong; Yang, Jiaming; Chen, Junqi** Source: *E-Polymers*, v 18, n 1, p 49-56, January 26, 2018  
Database:Compendex  
Document type:Journal article (JA)

17、 **Research of Discharge in Micro-Gap Based on Atomic Force Microscope**

**Sun, Zhi** (State Key Laboratory Breeding Base of Dielectrics Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Fu, Linqing; Gao, Xin; Han, Bai; Sun, Weifeng** Source: *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 33, n 23, p 5616-5624, December 10, 2018 Language: Chinese  
Database:Compendex  
Document type:Journal article (JA)

18、 **Dynamically tunable implementation of electromagnetically induced transparency with two coupling graphene-nanostrips in terahertz region**

**Shu, Chang** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Qing-Guo; Mei, Jin-Shuo; Yin, Jing-Hua** Source: *Optics Communications*, v 411, p 48-52, March 15, 2018  
Database:Compendex  
Document type:Journal article (JA)

19、 **Influence of Operation Conditions on Flow Electrification Characteristics of Oil-paper Insulation in Converter Transformer**

**Chen, Qingguo** (Key laboratory of Engineering Dielectrics and Its Application, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Jinlong; Lin, Lin; Chi, Minghe; Wei, Xinlao** Source: *Gaodiyana Jishu/High Voltage Engineering*, v 44, n 12, p 3880-3887, December 30, 2018 Language: Chinese  
Database: Compendex  
Document type: Journal article (JA)

## 20、 Numerical calculation and analysis of temperature field for stator transposition bar in hydro-generator

**Zhou, Chunlei** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Bian, Xu; Liang, Yanping; Zong, Risheng** Source: *International Journal of Thermal Sciences*, v 125, p 350-357, March 2018  
Database: Compendex  
Document type: Journal article (JA)

## 21、 Nitrogen-doped carbon-coated MnO nanoparticles anchored on interconnected graphene ribbons for high-performance lithium-ion batteries

**Sheng, Lizhi** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150001, China); **Jiang, Han; Liu, Siping; Chen, Minghua; Wei, Tong; Fan, Zhuangjun** Source: *Journal of Power Sources*, v 397, p 325-333, 1 September 2018  
Database: Compendex  
Document type: Journal article (JA)

## 22、 How to Understand the Two Basic Physical Processes of Polarization and Conductance in Engineering Dielectrics and Scientific Principles and Methods of their Measurement

**Lei, Qingquan** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; Heilongjiang; 150080, China); **Liu, Guanyu** Source: *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 38, n 23, p 6769-6789, December 5, 2018 Language: Chinese  
Database: Compendex  
Document type: Journal article (JA)

## 23、 Intrinsic uniaxial stress induced by co-doping and its influence on piezoelectric performance of PbZr<sub>0.45</sub>Ti<sub>0.55</sub>O<sub>3</sub> ferroelectric

**Feng, Yu** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Wei-Li; Yu, Yang; Song, Rui-Xuan; Qiao, Yu-Long; Fei, Wei-Dong** Source: *Journal of Alloys and Compounds*, v 760, p 71-77, 5 September 2018  
Database: Compendex  
Document type: Journal article (JA)

24、 **Preparation and dielectric properties of SiC/LSR nanocomposites for insulation of high voltage direct current cable accessories**

**Shang, Nanqiang** (Key Laboratory of Engineering Dielectric and its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150040, China); **Chen, Qingguo; Wei, Xinzhe** **Source:** *Materials*, v 11, n 3, March 8, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

25、 **Microstructure and mechanical properties of bismaleimide composites modified with poly(ether ether ketone) and allyl compounds**

**Chen, Yufei** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Guo, Hongyuan; Geng, Chengbao; Yue, Chunyan; Teng, Chengjun** **Source:** *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 35, n 11, p 3081-3087, November 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

26、 **Enhanced** breakdown strength and electrical tree resistance properties of MMT/SiO<sub>2</sub>/LDPE multielement composites

**Zhang, Xiaohong** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; Heilongjiang; 150080, China); Shi, Zexiang; Ma, Lisha; Gao, Junguo; Guo, Ning

**Source:** *Journal of Applied Polymer Science*, 2018

Article in Press

**Database:**Compendex

**Document type:**Article in Press

27、 **A Research on Battery Performance Assessment Based on Delphi-Variation Coefficient Combination Weighting Method**

**Zhang, Rui** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Zhou, Yongqin; Li, Ran** **Source:** *Qiche Gongcheng/Automotive Engineering*, v 40, n 8, p 884-891 and 917, August 25, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

28、 **Modeling of one machine infinite bus system of control-field-circuit-network combined simulation**

**Xin, Peng** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Ge, Bao-Jun; Tao, Da-Jun; Yin, Ji-Wei; Lü,**

**Pin Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 6, p 40-48, June 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

## 29、 **Basic Physical Knowledge of Engineering Dielectrics and Learning Thinking Method**

**Lei, Qingquan** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; Heilongjiang Province; 150080, China); **Liu, Guanyu** **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 38, n 16, p 4898-4917, August 20, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

## 30、 **Influence of temperature on flow electrification characteristics of oil-paper insulation under AC superimposed DC electric field**

**Chen, Qing-Guo** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Dong, Zhen-Peng; Lin, Lin; Chi, Ming-He; Wang, Jin-Long; Wei, Xin-Lao** **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 5, p 35-41, May 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

## 31、 **Study on nonlinear conductivity and breakdown characteristics of zinc oxide–hexagonal boron nitride/EPDM composites**

**Chi, Qingguo** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Hao, Yuyi; Zhang, Tiandong; Zhang, Changhai; Chen, Qingguo; Wang, Xuan** **Source:** *Journal of Materials Science: Materials in Electronics*, v 29, n 23, p 19678-19688, December 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 32、 **Breakdown characteristics of oil-pressboard insulation under AC-DC combined voltage and its mathematical model**

**Chen, Qingguo** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, 52 Xuefu Road, Harbin; 150080, China); **Zhang, Jinfeng; Chi, Minghe; Guo, Chong** **Source:** *Energies*, v 11, n 5, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

## 33、 **Mechanical and dielectric properties of polyether sulfone/epoxy resin - Bismaleimide composites**

**Guo, Hongyuan** (Harbin University of Science and Technology, Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin; 150080, China); **Chen, Yufei; Geng, Chengbao; Yue, Chunyan** Source: *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2018-May, p 270-274, June 29, 2018, *ICPADM 2018 - 12th International Conference on the Properties and Applications of Dielectric Materials*  
Database:Compendex  
Document type:Conference article (CA)

#### 34、 **Scheme of Ventilation Structure for TEFC Induction Motor**

**Ding, Shuye** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wu, Chengcheng;Liu, Jianfeng; Li, Zhongyu** Source: *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 54, n 22, p 160-167, November 20, 2018 Language: Chinese  
Database:Compendex  
Document type:Journal article (JA)

#### 35、 **Flame retardant properties of expandable graphite coated by nano-bismuth oxide hydroxide/polyethylene composite**

**Zhang, Chang-Hai** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Chi, Qing-Guo; Liu, Li-Zhu; Chen, Yang** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 11, p 46-51, November 1, 2018 Language: Chinese  
Database:Compendex  
Document type:Journal article (JA)

#### 36、 **Chaotic identification of maglev vibration measurement system based on neural network**

**Xukun, Liu** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Dong, Jiang; Deshan, Kong; Deyu, Wang** Source: *ICEMI 2017 - Proceedings of IEEE 13th International Conference on Electronic Measurement and Instruments*, v 2018-January, p 349-355, January 19, 2018, *ICEMI 2017 - Proceedings of IEEE 13th International Conference on Electronic Measurement and Instruments*  
Database:Compendex  
Document type:Conference article (CA)

#### 37、 **Influence of combined protective circuit parameters on protective effect of breaking overvoltage for shunt reactor**

**Wang, Yonghong** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Xu** Source: *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2018-May, p 852-855, June 29, 2018, *ICPADM 2018 - 12th International Conference on the Properties and Applications of Dielectric Materials*  
Database:Compendex



Document type:Conference article (CA)

### 38、 **Polymer/metal multi-layers structured composites: A route to high dielectric constant and suppressed dielectric loss**

**Feng, Yu** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Meng-Lu; Li, Wei-Li;Zhang, Tian-Dong; Zhao, Yu; Fei, Wei-Dong** Source: *Applied Physics Letters*, v 112, n 2, January 8, 2018

Database:Compendex

Document type:Journal article (JA)

### 39、 **Numerical calculation of CHTC on end metal parts and flow in end region of a turbogenerator**

**Han, Jichao** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); **Ge, Baojun; Li, Weili** Source: *IET Science, Measurement and Technology*, v 12, n 2, p 193-199, March 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 40、 **Dielectric Properties of OMMT/PES/BMI Composites**

**Chen, Yufei** (Key Laboratory of Engineering Dielectrics and Its Application Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Guo, Hongyuan; Chu, Hongyue; Wang, Botao** Source: *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 33, n 11, p 2620-2625, June 10, 2018 **Language:** Chinese

Database:Compendex

Document type:Journal article (JA)

### 41、 **Multi- objective optimization of switched reluctance motor drive in electric vehicles**

**Gao, Xudong** (Harbin University of Science and Technology, Harbin; 150080, China); **Na, Risha; Jia, Chengyu; Wang, Xudong; Zhou, Yongqin** Source: *Computers and Electrical Engineering*, v 70, p 914-930, August 2018

Database:Compendex

Document type:Journal article (JA)

### 42、 **High Energy Storage Density for Poly(vinylidene fluoride) Composites by Introduced Core-Shell CaCu<sub>3</sub>Ti<sub>4</sub>O<sub>12</sub>@Al<sub>2</sub>O<sub>3</sub>Nanofibers**

**Chi, Qingguo** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, 52 Xuefu Road, Harbin, Heilongjiang; 150080, China); **Wang, Xubin; Zhang, Changhai; Chen, Qingguo; Chen, Minghua; Zhang, Tiandong; Gao, Liang; Zhang, Yue; Cui, Yang; Wang, Xuan; Lei, Qingquan** Source: *ACS Sustainable Chemistry and Engineering*, v 6, n 7, p 8641-8649, July 2, 2018

Database:Compendex

Document type:Journal article (JA)

#### 43、 Improvement of dielectric performance and interfacial

#### polarization of polyvinylidene fluoride composites with CaCu<sub>3</sub>Ti<sub>4</sub>O<sub>12</sub>@Ni hybrid nanofibers

**Gao, Liang** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Xuan; Wang, Hanchen; Lei, Qingquan** Source: *Journal of Materials Science: Materials in Electronics*, v 29, n 12, p 10600-10613, June 1, 2018

Database:Compendex

Document type:Journal article (JA)

#### 44、 Calculation of Rotor Dynamic Electromagnetic Force of Synchronous Generator under the Stator Winding Interturn Short Circuit Fault

**Xiao, Shiyong** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Ge, Baojun; Tao, Dajun; Liu, Zhihui** Source: *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 33, n 13, p 2956-2962, July 10, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

#### 45、 Optimal Operation of Residential Microgrids in the Harbin Area

**Wu, Xiaogang** (College of Electrical and Electronics Engineering, Harbin University of Science and Technology, Harbin, China); **Wang, Zhiyang; Du, Jiuyu; Wu, Guoliang** Source: *IEEE Access*, v 6, p 30726-30736, 2018

Database:Compendex

Document type:Journal article (JA)

#### 46、 Sandwich-Structured PVDF-Based Composite Incorporated with Hybrid Fe<sub>3</sub>O<sub>4</sub>@BN Nanosheets for Excellent Dielectric Properties and Energy Storage Performance

**Zhang, Yue** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, 52 Xuefu Road, Harbin, Heilongjiang; 150080, China); **Zhang, Tiandong; Liu, Lizhu; Chi, Qingguo; Zhang, Changhai; Chen, Qingguo; Cui, Yang; Wang, Xuan; Lei, Qingquan** Source: *Journal of Physical Chemistry C*, v 122, n 3, p 1500-1512, January 25, 2018

Database:Compendex

Document type:Journal article (JA)

#### 47、 Research on subway acceleration measurement method based on magnetic levitation technology

**Deshan, Kong** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150000, China); **Dong, Jiang; Xukun, Liu; Deyu, Wang** Source: *ICEMI 2017*

- *Proceedings of IEEE 13th International Conference on Electronic Measurement and Instruments*, v 2018-January, p 197-203, January 19, 2018, *ICEMI 2017 - Proceedings of IEEE 13th International Conference on Electronic Measurement and Instruments*

**Database:**Compendex

**Document type:**Conference article (CA)

#### 48、 **Measurement of dielectric response of transformer moisture content**

**Zhang, Mingze** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Ji; Qi, Pengshuai; Chen, Qingguo; Liao, Lilin; Chen, Xin; Yin, Menghan** **Source:** *IET Science, Measurement and Technology*, v 12, n 5, p 594-602, August 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

#### 49、 **Analysis of influencing factors on site fault diagnosis of inter-turn short circuit fault of dry-type air-core shunt reactor**

**Wang, Yonghong** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, Heilongjiang Province; 150080, China); **Meng, Zihe; Song, Yunxiang** **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2018-May, p 713-716, June 29, 2018, *ICPADM 2018 - 12th International Conference on the Properties and Applications of Dielectric Materials*

**Database:**Compendex

**Document type:**Conference article (CA)

#### 50、 **State of Charge Estimation of Lithium-Ion Batteries over Wide Temperature Range Using Unscented Kalman Filter**

**Wu, Xiaogang** (College of Electrical and Electronics Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Xuefeng; Du, Jiuyu** **Source:** *IEEE Access*, v 6, p 41993-42003, July 26, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

#### 51、 **Local Electromagnetic Force Distribution Study on Giant Nuclear Turbo-Generators with Stator Short-Circuit Fault**

**Zhao, Hongsen** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Ge, Baojun; Tao, Dajun; Lü, Pin; Xin, Peng** **Source:** *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 33, n 7, p 1497-1507, April 10, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

52、 **Influence of stator internal short-circuit fault on rotor eddy current losses in nuclear power turbo-generator** Zhao,

**Hong-Sen** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Ge, Bao-Jun; Tao, Da-Jun; Han, Ji-Chao; Wang, Li-Kun** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 8, p 17-25, August 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

53、 **Approach for Reliability Evaluation of Cross-Linked Polyethylene Under Combined Thermal and Vibration Stresses**

**Liu, Ji** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, Mingze; Chen, Xin; Qi, Pengshuai** Source: *Journal of Shanghai Jiaotong University (Science)*, v 23, n 6, p 758-763, December 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

54、 **Dielectric spectroscopy and characteristic parameters of transformer oil-paper insulation aging**

**Liu, Ji** (State Key Laboratory Breeding Base of Dielectrics Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Zhao, Ming-Yun; Zhang, Ming-Ze; Li, Xiu-Jing; Yin, Meng-Han; Huang, Ling** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 11, p 67-74, November 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

55、 **Theory and analysis of magnetic circuit transfer adjustable reactor**

**Guan, Rui-Yang** (Key Laboratory of Engineering Dielectrics and its Application of the Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Wei, Xin-Lao; Chen, Qing-Guo; Wang, Yong-Hong** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 12, p 37-43, December 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

56、 **Residual Life Assessment Method of Transformer Oil-Paper Insulation Aging Based on Wiener Modle**

**Zhang, Mingze** (Key Laboratory of Engineering Dielectrics and Its Application Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Ji; Chen, Xin; Liao, Lilin; Chen, Qingguo** Source: *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 33, n 21, p 5098-5108, November 10, 2018 **Language:** Chinese

**Database:**Compendex

Document type:Journal article (JA)

### 57、 Mechanism of magnetic losses variation in stator-end structures with windings extensions using space vectors

**Wang, Likun** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); **Kou, Baoquan; Sun, Yutian; Ye, Jian** Source: *IET Science, Measurement and Technology*, v 12, n 4, p 479-485, July 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 58、 Assessment of the Stray Flux, Losses, and Temperature Rise in the End Region of a High-Power Turbogenerator Based on a Novel Frequency-Domain Model

**Wang, Likun** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Weili** Source: *IEEE Transactions on Industrial Electronics*, v 65, n 6, p 4503-4513, June 2018

Database:Compendex

Document type:Journal article (JA)

### 59、 A monitoring method of inter-turn insulation fault for dry-type air-core shunt reactor

**Zhuang, Yu** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, Heilongjiang Province; 150080, China); **Wang, Yonghong** Source: *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2018-May, p 700-703, June 29, 2018, *ICPADM 2018 - 12th International Conference on the Properties and Applications of Dielectric Materials*

Database:Compendex

Document type:Conference article (CA)

### 60、 Research on battery data compression method for electric vehicles

**Mei, Zunyu** (College of Electrical and Electronics Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wu, Xiaogang; Li, Xiaoyu; Zhu, Chunbo** Source: *International Journal of Electric and Hybrid Vehicles*, v 10, n 1, p 57-69, 2018

Database:Compendex

Document type:Journal article (JA)

### 61、 Characteristic parameters extraction of oil-paper insulation aging based on Davidson-Cole model

**Zhang, Weili** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Ji; Zhang, Mingze; Liao, Lilin; Xu, Helin** Source: *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2018-May, p 443-446, June 29,

2018, ICPADM 2018 - 12th International Conference on the Properties and Applications of Dielectric Materials

Database:Compendex

Document type:Conference article (CA)

### 62、 Effect on dielectric properties of LDPE due to addition of different structure of BiFeO<sub>3</sub> powders

**Hua, Yu** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, Heilongjiang; 150080, China); **Song, Wei; Sun, Zhi; Zhang, Dong; Han, Bai; Wang, Xuan; Lei, Qingquan** Source: *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2018-May, p 918-920, June 29, 2018, ICPADM 2018 - 12th International Conference on the Properties and Applications of Dielectric Materials

Database:Compendex

Document type:Conference article (CA)

### 63、 Excellent Energy Storage of Sandwich-Structured PVDF-Based Composite at Low Electric Field by Introduction of the Hybrid CoFe<sub>2</sub>O<sub>4</sub>@BZT-BCT Nanofibers

**Chi, Qingguo** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, 52 Xuefu Road, Harbin, Heilongjiang; 150080, China); **Ma, Tao; Zhang, Yue; Chen, Qingguo; Zhang, Changhai; Cui, Yang; Zhang, Tiandong; Lin, Jiaqi; Wang, Xuan; Lei, Qingquan** Source: *ACS Sustainable Chemistry and Engineering*, v 6, n 1, p 403-412, January 2, 2018

Database:Compendex

Document type:Journal article (JA)

### 64、 Effect of the defects inside XLPE insulated HVDC cable termination on the electric field distribution

**Li, Chang-Ming** (Key Laboratory of Engineering Dielectrics and Its Application of the Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Wu, Guo-Fang; Li, Chun-Yang; Zhou, Yang; Hou, Shuai; Han, Bao-Zhong** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 12, p 62-67, December 1, 2018

Language: Chinese

Database:Compendex

Document type:Journal article (JA)

### 65、 Dynamically tunable implementation of electromagnetically induced transparency based on bright and dark modes coupling graphene-nanostrips

**Shu, Chang** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Qing-Guo; Mei, Jin-Shuo; Yin, Jing-Hua** Source: *Optics Communications*, v 420, p 65-71, 1 August 2018

Database:Compendex

Document type:Journal article (JA)

## 66、 The research of robot toy car positioning method based on ant colony algorithm and ultrasonic positioning

**Chaofeng, Lan** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Xuemei, Sui; Shimei, Yin; Xiaoxia, Guo; Xiuhuan, Mao;Shouqiang, Kang; Chuang, Han** Source: *1st International Conference on Electronics Instrumentation and Information Systems, EIIS 2017*, v 2018-January, p 1-4, February 20, 2018, *1st International Conference on Electronics Instrumentation and Information Systems, EIIS 2017*

Database:Compendex

Document type:Conference article (CA)

## 67、 Preparation and Dielectric Properties of Dedoped Polyaniline Nanofibers/Low Density Polyethylene Composites

**Li, Changming** (Key Laboratory of Engineering Dielectrics and Its Application of the Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Wenxin;Zhang, Chengcheng; Ma, Fenglian; Han, Baozhong** Source: *Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering*, v 34, n 3, p 173-178, March 1, 2018 **Language:** Chinese

Database:Compendex

Document type:Journal article (JA)

## 68、 Calculation and influence factors of air-gap edge effect of iron-core reactor

**Guan, Rui-Yang** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Wei, Xin-Lao; Wang, Yong-Hong; Chen, Qing-Guo** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 4, p 81-88, April 1, 2018 **Language:** Chinese

Database:Compendex

Document type:Journal article (JA)

## 69、 Research on fuzzy image enhancement and restoration effect

**Lan, Chaofeng** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Lv, Shou; Yin, Shimei; Sui, Xuemei; Han, Chuang; Li, Fengchen; Zhu, Ming** Source: *1st International Conference on Electronics Instrumentation and Information Systems, EIIS 2017*, v 2018-January, p 1-4, February 20, 2018, *1st International Conference on Electronics Instrumentation and Information Systems, EIIS 2017*

Database:Compendex

Document type:Conference article (CA)

## 70、 3D temperature field of high-temperature gas cooled reactor cooling medium drive motor and ventilation structure improvement

**Xiao, Xu** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Baojun, Ge; Dajun, Tao; Jichao, Han; Likun, Wang** Source: *IET Electric Power Applications*, v 12, n 7, p 1020-1026, August 1, 2018  
Database: Compendex  
Document type: Journal article (JA)

## 71、 Preparation and properties of five layer nano

### SiO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub>/polyimide composite film

**Yang, Ruixiao** (College of Electrical and Electronic, Harbin University of Science and Technology, Harbin; 150040, China); **Chen, Hao; Wang, Xiangwen; Zhao, Wei; Fan, Yong** Source: *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 35, n 5, p 1050-1058, May 1, 2018  
Language: Chinese  
Database: Compendex  
Document type: Journal article (JA)

## 72、 Study on nonlinear conductivity of CCTO/EPDM rubber composites

**Li, Zhongyuan** (Key Laboratory of Engineering Dielectric and its Application, Ministry of Education, College of Electrical and Electronics Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhao, Hong; Zhang, Changhai** Source: *Materials*, v 11, n 9, September 2, 2018  
Database: Compendex  
Document type: Journal article (JA)

## 73、 Numerical Evaluation Method for Moisture Content of Transformer Oil-Paper Insulation Based on Dielectric Response Technique

**Zhang, Mingze** (Key Laboratory of Engineering Dielectrics and Its Application (Ministry of Education), Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Ji; Qi, Pengshuai; Chen, Qingguo; Liao, Lilin; Chen, Xin** Source: *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 33, n 18, p 4397-4407, September 25, 2018  
Database: Compendex  
Document type: Journal article (JA)

## 74、 Electrical properties of epoxy/ZnO nano-composite

**Wang, Xinyu** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; Heilongjiang; 150080, China); **Chen, Qingguo; Yang, Hongda; Zhou, Kai; Ning, Xin** Source: *Journal of Materials Science: Materials in Electronics*, v 29, n 15, p 12765-12770, August 1, 2018  
Database: Compendex  
Document type: Journal article (JA)



## 75、 Analysis for electromagnetic performance of PM motor with different metal nano-material bars

**Wang, Likun** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Ge, Baojun; Sun, Yutian; Tao, Dajun; Ye,**

**Jian** Source: *International Journal of Materials and Product Technology*, v 57, n 4, p 322-335, 2018

Database:Compendex

Document type:Journal article (JA)

## 76、 Energy management strategy optimization of extended-range electric bus under different operating modes

**Wu, Xiao-Gang** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Gao, Ming-Ming;Du, Jiu-Yu; Li, You; Wang,**

**Zhi-Yang** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 10, p 93-102, October 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 77、 Crosslinked and Electrical Characteristics for Cable Insulating Material of New UV XLPE

**Fu, Yuwei** (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Xuan; Wu, Qianghua; Zhao,**

**Hong** Source: *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 33, n 23, p 5564-5572, December 10, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 78、 Pre-breakdown characteristics in transformer oil under nanosecond impulses voltages

**Zheng, Dian-Chun** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education Harbin University of Science and Technology, Harbin; 150080, China); **Zhang,**

**Shi-Jiang; Li, Wei; Li, Jia-Xin; Zhao, Da-Wei** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 7, p 51-58 and 68, July 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 79、 Analysis and optimization of a new doublesided permanent magnet linear synchronous motor for electromagnetic launching

**Du, Chao** (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang; 150080, China); **Meng, Dawei** Source: *International Journal of Applied Electromagnetics and Mechanics*, v 57, n 2, p 147-164, 2018

Database:Compendex

Document type:Journal article (JA)

80、 **Effect of temperature on space charge distribution of**

**Oil-paper insulation under DC and polarity reversal voltage**

**Chen, Qingguo** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, 52 Xuefu Road, Harbin; 150080, China); **Zhang, Jinfeng; Chi, Minghe; Tan, Peng; Sun, Wenxin** Source: *Energies*, v 11, n 9, September 2018

Database:Compendex

Document type:Journal article (JA)

81、 **A Calculation Method on High-Frequency Loss of**

**Double-Layer Composite Conductor**

**Zhang, Mingze** (State Key Laboratory Breeding Base of Dielectrics Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Ji; Liao, Lilin; Gao, Huan; Zhu, Dongbai; Zhuo, Fengfeng; Qi, Pengshuai** Source: *IEEE Transactions on Electromagnetic Compatibility*, v 60, n 3, p 647-656, June 2018

Database:Compendex

Document type:Journal article (JA)

82、 **Investigation of end leakage reactance and its influence on the accuracy in performance calculation of large double canned induction motors**

**Liang, Yanping** (Harbin University of Science and Technology, Harbin; 150080, China); **Gao, Lianlian; Li, Cangxue; Hu, Yonglu** Source: *IEEE Transactions on Industrial Electronics*, v 65, n 2, p 1420-1428, July 29, 2017

Database:Compendex

Document type:Journal article (JA)

83、 **Analytical Algorithm of Calculating Circulating Currents between the Strands of Stator Winding Bars of Large Turbo-Generators Considering the Air Gap Magnetic Field Entering Stator Slots**

**Bian, Xu** (Harbin University of Science and Technology, Harbin; 150080, China); **Liang, Yanping; Li, Guangde** Source: *IEEE Transactions on Energy Conversion*, v 33, n 1, p 32-39, March 2018

Database:Compendex

Document type:Journal article (JA)

计算机 26 篇

### 1、 **Multi-batch** integrated scheduling algorithm based on time-selective

Zhang,Xiaohuan(College of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Ma,Chi; Wu, Jie;**

**Source:** *Multimedia Tools and Application*, 2018

**Database:**Compendex

**Document type:**Article in Press

### 2、 **A concurrent harmful races identification algorithm using hadoop and multiple cloud servers**

**Zhu, Suxia** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Wu, Yanan; Sun, Guanglu;Sun,**

**Jianda Source:** *International Journal of Performability Engineering*, v 14, n 10, p 2332-2342, October 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 3、 **A new hierarchical belief-rule-based method for reliability evaluation of wireless sensor network**

**He, Wei** (Harbin University of Science and Technology, Harbin; HeiLongJiang; 150080, China); **Hu, Guan-Yu; Zhou, Zhi-Jie; Qiao, Pei-Li; Han, Xiao-Xia;Qu, Yuan-Yuan; Wei, Hang; Shi,**

**Chun Source:** *Microelectronics Reliability*, v 87, p 33-51, August 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 4、 **Immune detector optimization algorithm with Co-evolution and Monte Carlo**

**Liang, Xi** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150000, China); **Tao, Jiang; Guanglu, Sun;Fengbin,**

**Zhang Source:** *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*, v 219, p 334-340, 2018, *Advanced Hybrid Information Processing - 1st International Conference, ADHIP 2017, Proceedings*

**Database:**Compendex

**Document type:**Conference article (CA)

### 5、 **Research** on networked control system based on T-S model

**Zhongda,Lu** (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Fengbin,Zhang; Yang,Jia;** Guoliang,Zhang;Guangtao,Ran

**Source:** *Cluster Computing*,p1-12,January 30,2018

Article in Press

**Database:**Compendex

**Document type:** Article in Press

## 6、 **A hierarchical adaptive routing algorithm of wireless sensor network based on software-defined network**

**Zhao, Zhong-Nan** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); **Wang, Jian; Guo, Hong-Wei** Source: *International Journal of Distributed Sensor Networks*, v 14, n 8, August 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 7、 **Virtual Workflow Constrained Time-accuracy Optimization Algorithm Scheduling by Iterative Reduction**

**Luo, Zhiyong** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Zhu, Zihao; You, Bo;Liu, Jiahui** Source: *Dianzi Yu Xinxue Xuebao/Journal of Electronics and Information Technology*, v 40, n 8, p 2013-2019, August 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 8、 **Network traffic classification based on transfer learning**

**Sun, Guanglu** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Liang, Lili; Chen, Teng;Xiao, Feng; Lang, Fei** Source: *Computers and Electrical Engineering*, v 69, p 920-927, July 2018

Database:Compendex

Document type:Journal article (JA)

## 9、 **Internet Traffic Classification Based on Incremental Support Vector Machines**

**Sun, Guanglu** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Teng; Su, Yangyang; Li, Chenglong** Source: *Mobile Networks and Applications*, v 23, n 4, p 789-796, August 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 10、 **Prediction-based approach to output consensus of heterogeneous multi-Agent systems with delays**

**Tan, Chong** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Yin, Xiao; Liu, Guo-Ping;Huang, Jinjie; Zhao, Yun-Bo** Source: *IET Control Theory and Applications*, v 12, n 1, p 20-28, January 2, 2018

Database:Compendex

Document type:Journal article (JA)

## 11、 **Formal Modeling and Factor Analysis for Vulnerability Propagation Oriented to SDN**

**Wang, Jian** (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Zhao, Guosheng; Zhao, Zhongnan; Li, Ke** Source: *Jisuanji Yanjiu yu Fazhan/Computer Research and Development*, v 55, n 10, p 2256-2268, October 1, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)

## 12、 Research on Face Recognition System based on Embedded Processor and Deep Neural Network

**Du, Bowen** (Harbin University of Science and Technology, China); **Guo, Xiaoxia; Chen, Yangyang** Source: *ACM International Conference Proceeding Series*, p 11-14, August 18, 2018, *2018 International Conference on Artificial Intelligence and Pattern Recognition, AIPR 2018*  
**Database:**Compendex  
**Document type:**Conference article (CA)

## 13、 Research and practice on advanced language programming teaching mode based on O2O

**Jia, Lijuan** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Han, Mingming; Gao, Shuang; Zhang, Yanpeng; Sun, Guanglu** Source: *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*, v 243, p 33-40, 2018, *e-Learning, e-Education, and Online Training - 4th International Conference, eLEOT 2018, Proceedings*  
**Database:**Compendex  
**Document type:**Conference article (CA)

## 14、 Feature selection for IoT based on maximal information coefficient

**Sun, Guanglu** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Jiabin; Dai, Jian; Song, Zhichao; Lang, Fei** Source: *Future Generation Computer Systems*, v 89, p 606-616, December 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

## 15、 Time-selective Integrated Scheduling Algorithm Considering The Compactness of Serial Processes

**Xie, Zhiqiang** (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, Xiaohuan; Gao, Yilong; Xin, Yu** Source: *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 54, n 6, p 191-202, March 20, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)

## 16、 GPU-Accelerated support vector machines for traffic classification

**Sun, Guanglu** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Xuhang; Hou, Xiangyu; Lang, Fei** Source: *International Journal of Performability Engineering*, v 14, n 5, p 1088-1098, May 2018

Database:Compendex

Document type:Journal article (JA)

## 17、 Flipped classroom based on e-learning in computer science and technology: A case study

**Li, Chengyan** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Gao, Jun; Liu, Shenghui; Sun, Guanglu** Source: *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*, v 243, p 330-337, 2018, *e-Learning, e-Education, and Online Training - 4th International Conference, eLEOT 2018, Proceedings*

Database:Compendex

Document type:Conference article (CA)

## 18、 Segmentation of overlapping cervical nuclei based on the identification

**Jing, Zhao** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150000, China); **Yining, Xie; Yu, Lu;Yongjun, He** Source: *Journal of China Universities of Posts and Telecommunications*, v 25, n 5, p 83-92, October 2018

Database:Compendex

Document type:Journal article (JA)

## 19、 Research on modular evaluation system of computer game code

**Mei, Xian** (Harbin University of Science and Technology, Harbin; 150080, China); **Sun, Wei; Deng, Huanym; Gao, Xu; Gong, Jiayi** Source: *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*, p 6765-6768, July 6, 2018, *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*

Database:Compendex

Document type:Conference article (CA)

## 20、 Time-selective Integrated Scheduling Algorithm Considering Posterior Processes

**Xie, Zhi-Qiang** (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, Xiao-Huan; Xin, Yu; Yang, Jing** Source: *Zidonghua Xuebao/Acta Automatica Sinica*, v 44, n 2, p 344-362, February 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 21、 Removing streak interference from a single image based on joint priors

**Li, Ao** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Xin; Chen, Deyun; Lin, Kezheng; Sun, Guanglu; Wu, Qidi** **Source:** *International Journal of Performability Engineering*, v 14, n 11, p 2897-2904, November 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

## 22、 Robust classification with available virtual samples and grouped sparse representation strategy in face recognition

**Fu, Lijun** (Harbin University of Science and Technology, Harbin, China); **Chen, Deyun; Lin, Kezheng; Li, Ao; Yang, Hailu; Chen, Hailong** **Source:** *Journal of Modern Optics*, v 65, n 19, p 2243-2253, November 11, 2018  
**Database:**Compendex

## 23、 A new BRB model for security-state assessment of cloud computing based on the impact of external and internal environments

**Wei, Hang** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; Heilongjiang; 150080, China); **Hu, Guan-Yu; Zhou, Zhi-Jie; Qiao, Pei-Li; Zhou, Zhi-Guo; Zhang, You-Min** **Source:** *Computers and Security*, v 73, p 207-218, March 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

## 24、 Iterative reduction optimization algorithm for quality of welding procedure based on constraint time

**Luo, Zhiyong** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Peng; You, Bo; Liu, Jiahui; Miao, Shidi** **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 39, n 8, p 51-54, August 25, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)

## 25、 A New Belief-Rule-Based Method for Fault Diagnosis of Wireless Sensor Network

**He, Wei** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin; 150080, China); **Qiao, Pei-Li; Zhou, Zhi-Jie; Hu, Guan-Yu; Feng, Zhi-Chao; Wei, Hang** **Source:** *IEEE Access*, v 6, p 9404-9419, February 21, 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

## 26、 Traffic classification based on incremental learning method

**Sun, Guanglu** (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); **Li, Shaobo; Chen, Teng; Su, Yangyang; Lang, Fei** **Source:** *Lecture*

*Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, v 219, p 341-348, 2018, Advanced Hybrid Information Processing - 1st International Conference, ADHIP 2017, Proceedings*

**Database:**Compendex

**Document type:**Conference article (CA)



自动化 25 篇

### 1、 **Finite-time synchronization of time-delayed neural networks with unknown parameters via adaptive control**

**Li, Shanqiang** (College of Automation, Harbin Engineering University, Harbin; 150001, China); **Peng, Xiuyan; Tang, Yu; Shi, Yujing** **Source:** *Neurocomputing*, v 308, p 65-74, 25 September 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 2、 **Robust gain scheduling control for Buck converter based on polytopic LPV model**

**Huang, Jin-Jie** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Pan, Xiao-Zhen** **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 1, p 93-99, January 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

### 3、 **Quantized control of event-triggered networked systems with time-varying delays**

**Sun,Min** (School of Automation, Harbin University of Science and Technology, Harbin, China); Huang,Ling;Wang,Shen;Mao,Cui;Xie,Wenbo

**Source:** *Journal of the Franklin Institute*,2018

Article in Press

**Database:**Compendex

**Document type:**Article in Press

### 4、 **Automated segmentation of carotid artery vessel wall in MRI**

**Wang, Bo** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Sha, Gang; Yin, Pengju; Liu, Xia** **Source:** *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*, v 219, p

275-286, 2018, *Advanced Hybrid Information Processing - 1st International Conference, ADHIP 2017, Proceedings*

**Database:**Compendex

**Document type:**Conference article (CA)

### 5、 **Fast feature extraction method for faults detection system**

**Wang, Hongmin** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Zhu, Xiaohui; Niu, Xiangyong; Xue, Ping****Source:** *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*, v 219, p 297-306, 2018, *Advanced Hybrid Information Processing - 1st International Conference, ADHIP 2017, Proceedings*

Database:Compendex

Document type:Conference article (CA)

## 6、 **A new chaotic system and its synchronization with phase spatial rotation**

**Jinjie, Huang** (School of Automation, Harbin University of Science and Technology, Harbin, China); **Guangming, Sun** Source: *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*, p 193-196, July 6, 2018, *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*

Database:Compendex

Document type:Conference article (CA)

## 7、 **Evaluation for sortie generation capacity of the carrier aircraft based on the variable structure RBF neural network with the fast learning rate**

**Luan, Tiantian** (School of Automation, Harbin University of Science and Technology, Harbin, Heilongjiang; 150080, China); **Sun, Mingxiao; Xia, Guoqing; Chen, Daidai** Source: *Complexity*, v 2018, 2018

Database:Compendex

Document type:Journal article (JA)

## 8、 **Lift detection and analysis of fin stabilizers shaft based on Euler-Bernoulli stiffness matrix**

**Sun, Ming-Xiao** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Luan, Tian-Tian; Liang, Li-Hua; Liu, Yan-Wen** Source: *Chuan Bo Li Xue/Journal of Ship Mechanics*, v 22, n 8, p 944-954, August 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 9、 **Planetary gearbox fault diagnosis based on data-driven valued characteristic multigranulation model with incomplete diagnostic information**

**Yu, Jun** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **He, Yongjun** Source: *Journal of Sound and Vibration*, v 429, p 63-77, 1 September 2018

Database:Compendex

Document type:Journal article (JA)

## 10、 **A novel control system of ship fin stabilizer using force sensor to measure dynamic lift**

**Sun, Mingxiao** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Luan, Tiantian** Source: *IEEE Access*, v 6, p 60513-60531, 2018

Database:Compendex

Document type:Journal article (JA)

### 11、 Application of improved RFID anti-collision algorithm in cylinder inflation system

**Bo, You** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Kun, Wu; Jiazhong, Xu** Source: *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*, v 219, p 1-11, 2018, *Advanced Hybrid Information Processing - 1st International Conference, ADHIP 2017, Proceedings*

Database:Compendex

Document type:Conference article (CA)

### 12、 Attribute reduction of incomplete information system using characteristic multigranulation model

**Yu, Jun** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Ding, Bo; Deng, Liwei** Source: *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*, p 2636-2640, July 6, 2018, *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*

Database:Compendex

Document type:Conference article (CA)

### 13、 A novel bilateral haptic teleoperation approach for hexapod robot walking and manipulating with legs

**Li, Jiayu** (Research Institute of Mechatronic Control and Automation Technology, Harbin University of Science and Technology, Harbin; 150080, China); **You, Bo; Ding, Liang; Xu, Jiazhong; Li, Weihua; Chen, Hannan; Gao, Haibo** Source: *Robotics and Autonomous Systems*, v 108, p 1-12, October 2018

Database:Compendex

Document type:Journal article (JA)

### 14、 Double Half-Orientation Code and Nonlinear Matching Scheme for Palmprint Recognition

**Zhang, Chenghao** (School of Automation, Harbin University of Science and Technology, Harbin, China); **Zhong, Weifeng; Zhang, Chunyu; Qin, Xi** Source: *Advances in Intelligent Systems and Computing*, v 690, p 36-42, 2018, *Recent Developments in Mechatronics and Intelligent Robotics - Proceedings of the International Conference on Mechatronics and Intelligent Robotics, ICMIR 2017*

Database:Compendex

Document type:Conference article (CA)

### 15、 RBF neural network compensation-based adaptive control for lift-feedback system of ship fin stabilizers to improve anti-rolling effect

**Sun, Mingxiao** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Luan, Tiantian; Liang, Lihua** Source: *Ocean Engineering*, v 163, p 307-321, 1 September 2018

Database:Compendex

Document type:Journal article (JA)

## 16、 Trajectory tracking control of rotary steerable systems based

**on stability compensation observer** Gao, Jun-Shan (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); Zhang, Chi; Cheng, Ning-Bo; Zou, Wei Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 22, n 2, p 89-97 and 107, February 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 17、 Motion coordination predictive formation control for networked multi-agents

Zhang, Tian-Yong (Harbin University of Science and Technology, Harbin; 150080, China); You, Bo; Liu, Guo-Ping Source: *Chinese Control Conference, CCC*, v 2018-July, p 6608-6613, October 5, 2018, *Proceedings of the 37th Chinese Control Conference, CCC 2018*

Database:Compendex

Document type:Conference article (CA)

## 18、 Improved analysis and $H^\infty$ control for networked control systems with time-varying delays and packet dropout

Huang, Ling (School of Automation, Harbin University of Science and Technology, Harbin, China); Sun, Min Source: *Transactions of the Institute of Measurement and Control*, v 40, n 14, p 3923-3932, October 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 19、 Simulation Design of Improved OPTA Thinnin Algorithm

Zhang, Chenghao (School of Automation, Harbin University of Science and Technology, Harbin, China); Zhong, Weifeng; Zhang, Chunyu; Qin, Xi Source: *Advances in Intelligent Systems and Computing*, v 691, p 105-114, 2018, *Recent Developments in Mechatronics and Intelligent Robotics - Proceedings of the International Conference on Mechatronics and Intelligent Robotics, ICMIR 2017*

Database:Compendex

Document type:Conference article (CA)

## 20、 Fault diagnosis of planetary gearbox with incomplete information using assignment reduction and flexible naive Bayesian classifier

Yu, Jun (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); Bai, Mingyou; Wang, Guannan; Shi, Xianjiang Source: *Journal of Mechanical Science and Technology*, v 32, n 1, p 37-47, January 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 21、 Gesture Recognition Based on BP Neural Network Improved

## by Chaotic Genetic Algorithm

**Li, Dong-Jie** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Li, Yang-Yang; Li, Jun-Xiang; Fu, Yu** Source: *International Journal of Automation and Computing*, v 15, n 3, p 267-276, June 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 22、 Recognition and insertion method of automobile insurance tablets based on color vector clustering

**You, Bo** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Guojie; Liang, Qiang; Chen, Xiaolei; Wu, Kun**Source: *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 39, n 7, p 191-199, July 1, 2018

Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 23、 Voiceprint feature extraction based on wavelet packet decomposition

**Jinjie, Huang** (Harbin University of Science and Technology, Harbin; 150080, China); **Ming, Lei; Chao, Lu; Qingyuan, Yu** Source: *Chinese Control Conference, CCC*, v 2018-July, p 4039-4043, October 5, 2018, *Proceedings of the 37th Chinese Control Conference, CCC 2018*

Database:Compendex

Document type:Conference article (CA)

## 24、 Wavelet threshold denoising of ACO optical lens image

**Xue, Ping** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China); **Niu, Xiangyong; Zhu, Xiaohui; Wang, Hongmin; Chen, Jihua** Source: *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*, v 219, p 287-296, 2018, *Advanced Hybrid Information Processing - 1st International Conference, ADHIP 2017, Proceedings*

Database:Compendex

Document type:Conference article (CA)

## 25、 A Real-Time Ranging Method Based on Parallel Binocular Vision

**Xu, Huantai** (School of Automation, Harbin University of Science and Technology, Harbin, China); **Liu, Xia; Zhu, Chengfei; Li, Shuxiao; Chang, Hongxing**Source: *Proceedings - 2017 10th International Symposium on Computational Intelligence and Design, ISCID 2017*, v 1, p 183-187, January 30, 2018, *Proceedings - 2017 10th International Symposium on Computational Intelligence and Design, ISCID 2017*

Database:Compendex

Document type:Conference article (CA)

理学院 35 篇

### 1、 **Non-fragile consensus control for nonlinear stochastic**

#### **multi-agent systems with uniform quantizations**

**Wu, Tong** (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Hu, Jun** **Source:** *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*, p 170-175, July 6, 2018, *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*

**Database:**Compendex

**Document type:**Conference article (CA)

### 2、 **Event-triggered state estimation for dynamics networks with stochastic coupling under uncertain occurrence probabilities**

**Zhang, Hongxu** (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Hu, Jun; Zou, Lei** **Source:** *Chinese Control Conference, CCC*, v 2018-July, p 6283-6288, October 5, 2018, *Proceedings of the 37th Chinese Control Conference, CCC 2018*

**Database:**Compendex

**Document type:**Conference article (CA)

### 3、 **Advertising strategies for supply chain with lagged and memory effects**

**Yu, Hui** (School of Applied Science, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Dong-Yan; Huang, Chun-Li** **Source:** *Kongzhi yu Juece/Control and Decision*, v 33, n 10, p 1871-1878, October 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

### 4、 **Ultra-fast charging–discharging planar on-chip**

#### **micro-supercapacitors based on reduced graphene oxide films by modified liquid–air interface self-assembly**

**Liu, Lin-Jing** (School of Science, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Xin; Liu, Jia-Bao; Liu, Chun-Feng; Li, Xiang; Liu, Fang-Shuo; Wu, Feng-Min; Wang, Shu; Zhang, Guang-Yu** **Source:** *Journal of Applied Electrochemistry*, v 48, n 11, p 1213-1220, November 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 5、 **A Sampled-data Approach to Robust $H^\infty$ State Estimation for Genetic Regulatory Networks with Random Delays**

**Chen, Weilu** (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Dongyan; Hu, Jun; Liang, Jinling; Dobaie, Abdullah**

**M. Source:** *International Journal of Control, Automation and Systems*, v 16, n 2, p 491-504, April 1, 2018

**Database:** Compendex

**Document type:** Journal article (JA)

## 6、 Sliding mode control for networked systems with randomly varying nonlinearities and stochastic communication delays under uncertain occurrence probabilities

**Zhang, Panpan** (Department of Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Hu, Jun; Liu, Hongjian; Zhang, Changlu** **Source:** *Neurocomputing*, v 320, p 1-11, 3 December 2018

**Database:** Compendex

**Document type:** Journal article (JA)

## 7、 Electrical properties of 0.94Bi0.5Na0.5TiO3–0.06Ba(Zr0.055Ti0.945)O3 lead-free ceramics with high thermal stability

**Wang, Jun-Jun** (School of Science, Harbin University of Science and Technology, Harbin; 150080, China); **Guo, Fei-Fei; Yang, Bin; Zhang, Shan-Tao; Zheng, Li-Mei; Wu, Feng-Min; Cao, Wen-Wu** **Source:** *Journal of Materials Science: Materials in Electronics*, v 29, n 3, p 2357-2362, February 1, 2018

**Database:** Compendex

**Document type:** Journal article (JA)

## 8、 Dynamics of a scalar population model with delayed allee effect

**Chang, Xiaoyuan** (School of Science, Harbin University of Science and Technology, Harbin, Heilongjiang; 150080, China); **Shi, Junping; Zhang, Jimin** **Source:** *International Journal of Bifurcation and Chaos*, v 28, n 12, November 1, 2018

**Database:** Compendex

**Document type:** Journal article (JA)

## 9、 Investigation on nonvolatile holographic storage properties in Hf:Ru:Fe:LiNbO3 crystals as a function of Li composition

**Dai, Li** (College of Science, Harbin University of Science and Technology, Harbin; 150080, China); **Tan, Chao; Wang, Luping; Han, Xianbo; Liu, Chunrui; Xu, Yuheng** **Source:** *Journal of Alloys and Compounds*, v 753, p 407-411, 15 July 2018

**Database:** Compendex

**Document type:** Journal article (JA)

## 10、 Event-based state estimation for time-varying stochastic coupling networks with missing measurements under uncertain occurrence probabilities

**Zhang, Hongxu** (Department of Mathematics, Harbin University of Science and Technology, Harbin, China); **Hu, Jun; Zou, Lei; Yu, Xiaoyang; Wu, Zhihui** Source: *International Journal of General Systems*, v 47, n 5, p 422-437, July 4, 2018

Database:Compendex

Document type:Journal article (JA)

### 11、 **Finite-Time Boundedness Control for Nonlinear Networked Systems with Randomly Occurring Multi-Distributed Delays and Missing Measurements**

**Hou, Ling** (Department of Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Dongyan** Source: *Mathematical Problems in Engineering*, v 2018, 2018

Database:Compendex

Document type:Journal article (JA)

### 12、 **Characterizations and enhanced photocatalytic property of disorder-engineered TiO<sub>2</sub>nanomaterials**

**Sun, Chuan** (School of Science, Harbin University of Science and Technology, Harbin, China); **Wang, Shu; Ji, Guangju; Wu, Haijun; Huang, Fuping; Lv,**

**Jiaying** Source: *Ferroelectrics*, v 529, n 1, p 149-158, June 11, 2018

Database:Compendex

Document type:Journal article (JA)

### 13、 **A resilience approach to state estimation for discrete neural networks subject to multiple missing measurements and mixed time-delays**

**Song, Yue** (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Hu, Jun; Chen, Dongyan; Liu, Yurong; Alsaadi, Fuad E.; Sun,**

**Guanglu** Source: *Neurocomputing*, v 272, p 74-83, 10 January 2018

Database:Compendex

Document type:Journal article (JA)

### 14、 **Dynamically controlled electromagnetically induced transparency in terahertz graphene metamaterial for modulation and slow light applications**

**He, Xunjun** (School of Applied Sciences, Harbin University of Science and Technology, Harbin;

150080, China); **Yao, Yuan; Yang, Xingyu; Lu, Guangjun; Yang, Wenlong; Yang, Yuqiang; Wu,**

**Fengmin; Yu, Zhigang; Jiang, Jiuxing** Source: *Optics Communications*, v 410, p

206-210, March 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 15、 **Event-triggered Resilient Filtering for Time-varying Systems with Randomly Occurring Nonlinearity and Missing Measurements**



**Gao, Ming** (Department of Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Hu, Jun; Zhang, Hongxu** Source: *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*, p 4656-4661, July 6, 2018, *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*

Database:Compendex

Document type:Conference article (CA)

## 16、 Event-triggered resilient filtering with stochastic uncertainties and successive packet dropouts via variance-constrained approach

**Jia, Chaoqing** (Department of Mathematics, Harbin University of Science and Technology, Harbin, China); **Hu, Jun; Chen, Dongyan; Liu, Yurong; Alsaadi, Fuad E.** Source: *International Journal of General Systems*, v 47, n 5, p 438-453, July 4, 2018

Database:Compendex

Document type:Journal article (JA)

## 17、 Joint state and fault estimation for time-varying nonlinear systems with randomly occurring faults and sensor saturations

**Hu, Jun** (Department of Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Zidong; Gao, Huijun** Source: *Automatica*, v 97, p 150-160, November 2018

Database:Compendex

Document type:Journal article (JA)

## 18、 The dependence of light-induced scattering and defect structure on the Li/Nb ratio of In:Ru:Fe:LiNbO<sub>3</sub> crystal 理学

**Dai, Li** (College of Science, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Luping; Shao, Yu; Han, Xianbo; Liu, Chunrui; Xu, Yuheng** Source: *Optical Materials*, v 83, p 7-12, September 2018

Database:Compendex

Document type:Journal article (JA)

## 19、 Design of optimal control strategies for a supply chain with competing manufacturers under consignment contract

**Wu, Zhihui** (Department of Mathematics, Harbin University of Science and Technology, Harbin, China); **Chen, Dongyan; Feng, Lichao** Source: *Systems Science and Control Engineering*, v 6, n 1, p 171-179, January 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 20、 Synthesis and characterizations of V<sub>2</sub>O<sub>5</sub>/ZnO nanocomposites and enhanced photocatalytic activity

**Shi, Qing** (School of Science, Harbin University of Science and Technology, Harbin, China); **Wang, Shu; Wu, Haijun; Yu, Miao; Su, Xiaohua; Ma, Fa; Jiang, Jiuxing** Source: *Ferroelectrics*, v 523, n 1, p 74-81, January 25, 2018

Database:Compendex

Document type:Journal article (JA)

## 21、 The role of interfaces in PI matrix nano composite films on electrical properties

**Xia, Xu** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Yin, Jinghua; Chen, Minghua; Liu, Xiaoxu** Source: *Polymer Testing*, v 69, p 405-409, August 2018

Database:Compendex

Document type:Journal article (JA)

## 22、 The effect of Fe doping on the crystallization kinetics of Ni-Mn-Sn free-standing alloy thin films

**Tian, Xiaohua** (School of Science, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Zhenhua; Zhu, Jiachen; Tan, Changlong; Zhang, Kun; Yu, Zhu; Cai, Wei** Source: *Journal of Non-Crystalline Solids*, v 495, p 19-26, 1 September 2018

Database:Compendex

Document type:Journal article (JA)

## 23、 Effect of Hf<sup>4+</sup> doping on structure and enhancement of upconversion luminescence in Yb:Tm:LiNbO<sub>3</sub> crystals

**Dai, Li** (College of Science, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Chunrui; Han, Xianbo; Wang, Luping; Shao, Yu; Xu, Yuheng** Source: *Chinese Physics B*, v 27, n 11, 2018

Database:Compendex

Document type:Journal article (JA)

## 24、 The crystallization kinetics of Co doping on Ni-Mn-Sn magnetic shape memory alloy thin films

**Tan, Changlong** (School of Science, Harbin University of Science and Technology, Harbin; 150080, China); **Zhu, Jiachen; Wang, Zhenhua; Zhang, Kun; Tian, Xiaohua; Cai, Wei** Source: *RSC Advances*, v 8, n 45, p 25819-25828, 2018

Database:Compendex

Document type:Journal article (JA)

## 25、 Ultrawide range tuning of direct band gap in MgZnO monolayer via electric field effect

**Chen, Hongfei** (College of Applied Science, Harbin University of Science and Technology, Harbin; 150080, China); **Tan, Changlong; Sun, Dan; Zhao, Wenbin; Tian, Xiaohua; Huang, Yuewu** Source: *RSC Advances*, v 8, n 3, p 1392-1397, 2018

Database:Compendex

Document type:Journal article (JA)

## 26、 Tunable bandwidth of double electromagnetic induced transparency windows in terahertz graphene metamaterial

**Wang, Yue** (School of Science, Harbin University of Science and Technology, No. 52 Xuefu Road, Nangang District, Harbin; Heilongjiang; 150080, China); **Tao, Mengning; Pei, Zhen; Yu, Xuzheng; Wang, Benhua; Jiang, Jiuxing; He, Xunjun** Source: *RSC Advances*, v 8, n 65, p 37057-37063, 2018

Database:Compendex

Document type:Journal article (JA)

## 27、 Robust $H^\infty$ control for delayed systems with randomly varying nonlinearities under uncertain occurrence probability via sliding mode method

**Zhang, Panpan** (Department of Mathematics, Harbin University of Science and Technology, Harbin, China); **Hu, Jun; Zhang, Hongxu; Chen, Dongyan** Source: *Systems Science and Control Engineering*, v 6, n 1, p 160-170, January 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 28、 Mach-Zehnder interference all-fiber sensor for measurement of magnetic field and temperature

**Shen, Tao** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Sun, Bin-Chao; Feng, Yue** Source: *Guangxue Jingmi Gongcheng/Optics and Precision Engineering*, v 26, n 6, p 1338-1345, June 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 29、 Distributed Variance-Constrained Filtering for Time-Varying Systems with Multiplicative Noises and Randomly Occurring Nonlinearities over Sensor Networks

**Wang, Zhigong** (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Dongyan; Hu, Jun** Source: *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*, p 4638-4643, July 6, 2018, *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*

Database:Compendex

Document type:Conference article (CA)

## 30、 Effect of maleic anhydride on trap levels of alumina/low-density polyethylene by photo-stimulated discharge

**He, Lijuan** (College of Science, Harbin University of Science and Technology, Harbin, China); **Niu, Huiqin; Ma, Yue; Li, Dawei; Zhao, Lei; Chen, Chuntian** Source: *Integrated Ferroelectrics*, v 191, n 1, p 20-29, July 24, 2018

Database:Compendex

Document type:Journal article (JA)

### 31、 Resilient state estimation for complex networks under stochastic communication protocol

**Yang, Ning** (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Chen, Dongyan** Source: *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*, p 3800-3805, July 6, 2018, *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*

Database:Compendex

Document type:Conference article (CA)

### 32、 Temperature-insensitive current sensor using two cascaded FBGs

**Wang, Yongguang** (College of Science, Harbin University of Science and Technology, Harbin, China); **Yang, Yuqiang; He, Xunjun; Jiang, Jiuxing** Source: *Integrated Ferroelectrics*, v 190, n 1, p 120-128, June 13, 2018

Database:Compendex

Document type:Journal article (JA)

### 33、 Finite-time transmission projective synchronization of multiple different chaotic systems with unknown parameters via adaptive control

**Li, Qiang** (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin; 150080, China); **Shi, Yujing; Li, Shanqiang** Source: *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*, p 783-788, July 6, 2018, *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*

Database:Compendex

Document type:Conference article (CA)

### 34、 OH absorption and holographic storage properties of Sc(0, 1, 2, 3):Ru:Fe:LiNbO<sub>3</sub> crystals

**Dai, Li** (College of Science, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Luping; Liu, Chunrui; Han, Xianbo; Yan, Zhehua; Xu, Yuheng** Source: *RSC Advances*, v 8, n 10, p 5145-5150, 2018

Database:Compendex

Document type:Journal article (JA)

### 35、 Coordinating pricing and advertising decisions for supply chain under consignment contract in the dynamic setting

**Wu, Zhihui** (Department of Mathematics, Harbin University of Science and Technology, Harbin, China); **Feng, Lichao; Chen, Dongyan** **Source:** *Complexity*, v 2018, 2018

**Database:** Compendex

**Document type:** Journal article (JA)

建筑 8 篇

### 1、 **The fabrication and mechanical properties of SiC/SiC**

#### **composites prepared by SLS combined with PIP**

**Jin, Laizhen** (Department of Engineering Mechanics, Harbin University of Science and Technology, Harbin; 150080, China); **Zhang, Kun; Xu, Tengting; Zeng, Tao; Cheng, Su** Source: *Ceramics International*, v 44, n 17, p 20992-20999, 1 December 2018

Database: Compendex

Document type: Journal article (JA)

### 2、 **Discussion on renewal mode of historical residential area in modern cities**

**Qu, Liu** (College of Civil Engineering and Architecture, Harbin University of Science and Technology, Heilongjiang Province Harbin; 150000, China); **Han, Chuang** Source: *IOP Conference Series: Earth and Environmental Science*, v 189, n 5, November 6, 2018, 2018 *International Conference on Civil and Hydraulic Engineering, IConCHE 2018 - Green Technology, Energy Management and Environment*

Database: Compendex

Document type: Conference article (CA)

### 3、 **Research on Acid Corrosion Resistance Properties of Basic Magnesium Sulfate Cement**

**Li, Zhenguo** (College of Civil Engineering and Architecture, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Bo; Wu, Yunqiang; Wang, Bo; Guo, Jiangtao; Yu, Siwen** Source: *Cailiao Daobao/Materials Review*, v 32, n 8, p 2733-2737, August 25, 2018 **Language:** Chinese

Database: Compendex

Document type: Journal article (JA)

### 4、 **Mechanical response of carbon/epoxy composite sandwich structures with three-dimensional corrugated cores**

**Xu, Guo-dong** (Department of Engineering Mechanics, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Zhi-hai; Zeng, Tao; Cheng, Su; Fang, Dai-ning** Source: *Composites Science and Technology*, v 156, p 296-304, March 1, 2018

Database: Compendex

Document type: Journal article (JA)

### 5、 **Exact analytical solution for steady-state heat transfer in functionally graded sandwich slabs with convective-radiative boundary conditions**

**Wang, Xiaohong** (Department of Engineering Mechanics, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Zhihai; Zeng, Tao; Cheng, Su; Yang, Fan** Source: *Composite Structures*, v 192, p 379-386, 15 May 2018

Database: Compendex

Document type:Journal article (JA)

## 6、 **Experimental study on machined surface quality of turning superalloy Inconel625**

**Liu, Erliang** (School of Mechanical Engineering, Harbin University of Science and Technology, Harbin, China); **Xing, Hongwei; Wei, Xudong; Wang, Ning; Qi, Jin; Ju,**

**Hongyan** Source: *Ferroelectrics*, v 522, n 1, p 9-19, January 2, 2018

Database:Compendex

Document type:Journal article (JA)

## 7、 **Effect of different fibers on mechanical properties and ductility of alkali-activated slag cementitious material**

**Zhu, J.** (College of Civil Engineering and Architecture, Harbin University of Science and Technology, Harbin; 150080, China); **Zheng, W.Z.; Qin, C.Z.; Xu, Z.Z.; Wu, Y.Q.** Source: *IOP Conference Series: Materials Science and Engineering*, v 292, n 1, February 5, 2018, *2nd*

*International Conference on New Material and Chemical Industry, NMCI 2017*

Database:Compendex

Document type:Conference article (CA)

## 8、 **Long term mechanical properties of alkali activated slag**

**Zhu, J.** (College of Civil Engineering and Architecture, Harbin University of Science and Technology, Harbin; 150080, China); **Zheng, W.Z.; Xu, Z.Z.; Leng, Y.F.; Qin, C.Z.** Source: *IOP Conference Series: Materials Science and Engineering*, v 292, n 1, February 5, 2018, *2nd*

*International Conference on New Material and Chemical Industry, NMCI 2017*

Database:Compendex

Document type:Conference article (CA)

材料 77 篇

### 1、 **Effect of Al on Grain Refinement and Mechanical Properties of Mg-3Nd Casting Alloy**

**Wang, Lei** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Feng, Yicheng; Wang, Liping; Chen, Yanhong; Guo, Erjun** **Source:** *Journal of Materials Engineering and Performance*, v 27, n 5, p 2099-2109, May 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 2、 **Rapid Cooling and Solidification Microstructure of Argon Atomized Ti-48Al Alloy Droplets**

**Bao, Ying** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Luo, Lin; Yu, Ze-Min; Yang, Dong-Ye; Liu, Na; Zhang, Guo-Qing; Sun, Jian-Fei** **Source:** *Cailiao Gongcheng/Journal of Materials Engineering*, v 46, n 12, p 117-123, December 20, 2018**Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

### 3、 **Preparation of water-soluble electrical steel coating with SiO<sub>2</sub>modified by glycine**

**Zhang, Xiaorui** (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Liu, Lizhu; Weng, Ling** **Source:** *Polymer Composites*, v 39, n 4, p 1255-1260, April 2018

**Database:**Compendex

**Document type:**Journal article (JA)

### 4、 **Preparation and Characterization of Nanocellulose Grafted Epoxy Groups**

**Gong, Guifen** (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Lu, Xin; Zhang, Fan****Source:** *Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering*, v 34, n 9, p 58-62, September 1, 2018 **Language:** Chinese

**Database:**Compendex

**Document type:**Journal article (JA)

### 5、 **The magnetic properties of permanent strontium ferrite doped with rare-earth by chemical co-precipitation method**

**Wu, Ze** (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Zhang, Ruonan; Yu, Zhaowei; Shan, Lianwei; Dong, Limin; Zhang, Xianyou** **Source:** *Ferroelectrics*, v 529, n 1, p 120-127, June 11, 2018

**Database:**Compendex

**Document type:**Journal article (JA)



## 6、 Dielectric and thermal properties of nano

### Mg(OH)<sub>2</sub>-ZnO/polyimide composite film

**Wang, Xiangwen** (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Fan, Yong; Chen, Hao; Yang, Ruixiao; Zhao,**

**Wei** Source: *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 35, n 1, p 30-34, January 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 7、 Investigations on deformation behavior of square box deep

### drawing using a magnetorheological fluid (MRF)

**Bao, Ze Ping** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Li, Feng; Jin, Cheng Chuang** Source: *International Journal of Advanced Manufacturing Technology*, v 99, n 5-8, p 1459-1466, November 1, 2018

Database:Compendex

Document type:Journal article (JA)

Document type:Journal article (JA)

## 8、 Effect of sintering pressure on the porosity and the shear

### strength of the pressure-assisted silver sintering bonding

**Liu, Yang** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Hao; Wang, Lingen;Fan, Xuejun; Zhang,**

**Guoqi; Sun, Fenglian** Source: *IEEE Transactions on Device and Materials Reliability*, v 18, n 2, p 240-246, June 2018

Database:Compendex

Document type:Journal article (JA)

## 9、 Atomistic-scale simulations of mechanical behavior of

### suspended single-walled carbon nanotube bundles under nanoprojectile impact

**Liu, Dongrong** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Yang, Lin; He, Xiaodong; Wang, Rongguo; Luo,**

**Quantian** Source: *Computational Materials Science*, v 142, p 237-243, February 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 10、 Tribological properties of copper matrix composites

### reinforced with homogeneously dispersed graphene nanosheets

**Gao, Xin** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Yue, Hongyan; Guo, Erjun;Zhang, Shaolin; Yao,**

**Longhui; Lin, Xuanyu; Wang, Bao; Guan, Enhao** Source: *Journal of Materials Science and Technology*, v 34, n 10, p 1925-1931, October 2018

Database:Compendex

Document type:Journal article (JA)

### 11、 Effect of zns on the property of cds quantum dot sensitived solar cells

**Zhang, Yinan** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Jingyu; Zheng, Wei** Source: *Kuei Suan Jen Hsueh Pao/Journal of the Chinese Ceramic Society*, v 46, n 4, p 461-465, April 1, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)

### 12、 Selective determination of L-dopa in the presence of ascorbic acid and uric acid using a 3D graphene foam

**Yue, Hong Yan** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Hong; Huang, Shuo; Gao, Xin; Chang, Jing; Lin, Xuan Yu; Yao, Long Hui; Wang, Li Ping; Guo, Er Jun** Source: *Journal of Solid State Electrochemistry*, v 22, n 11, p 3527-3533, November 1, 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

### 13、 Method of Monitoring the Working Status of the Magnetic Head during High Speed Revolution of Hard Disk

**Shi, Dequan** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Kang, Kaijiao; Gao, Guili** Source: *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 54, n 5, p 228-232, March 5, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)

### 14、 Growth kinetics of IMC at the solid Cu/liquid Sn interface

**Yin, Zuozhu** (School of Material Science and Engineering, Harbin University of Science and Technology, China); **Sun, Fenglian; Liu, Yang; Liu, Yang** Source: *Soldering and Surface Mount Technology*, v 30, n 3, p 145-152, 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

### 15、 Micro-morphology and mechanical properties of modified montmorillonite/bismaleimide composite

**Chen, Yufei** (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Chu, Hongyue; Wang, Botao** Source: *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 35, n 6, p 1407-1413, June 1, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)

16、 **Effects of interface bonding on the corona resistance of the polyimide/nano-Al<sub>2</sub>O<sub>3</sub> three-layer composite films**

**Ma, Xinyu** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Liu, Lizhu; He, Hongju; Weng, Ling** Source: *High Performance Polymers*, v 30, n 10, p 1240-1246, December 1, 2018

Database:Compendex

Document type:Journal article (JA)

17、 **Microstructure and mechanical properties of AZ31-Ce prepared by multipass solid-phase synthesis**

**Zhu, Yao** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Hu, Maoliang; Wang, Dianjun; Xu, Hongyu; Wang, Ye; Ji, Zesheng** Source: *Materials Science and Technology (United Kingdom)*, v 34, n 7, p 876-884, May 3, 2018

Database:Compendex

Document type:Journal article (JA)

18、 **Preparation and properties of PMMA/EVOH-SO<sub>3</sub>Li Li-ion battery separator composite by electrospinning**

**Gong, Guifen** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Lei; Xu, Awen** Source: *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 35, n 3, p 477-484, March 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

19、 **Analysis of arc stability of self-shielded flux-cored wire laser-arc hybrid**

**Liu, Xiyang** (Harbin University of Science and Technology, Harbin; 150080, China); **Sun, Fenglian; Zhao, Yumin; Xu, Kegui; Wang, Yizhe** Source: *Hanjie Xuebao/Transactions of the China Welding Institution*, v 39, n 7, p 17-23, July 25, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

20、 **Preparation and tribological properties of homogeneously dispersed graphene-reinforced aluminium matrix composites**

**Gao, Xin** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Yue, Hongyan; Guo, Erjun; Zhang, Shaolin; Wang, Bao; Guan, Enhao; Song, Shanshan; Zhang, Hongjie** Source: *Materials Science and Technology (United Kingdom)*, v 34, n 11, p 1316-1322, July 24, 2018

Database:Compendex

Document type:Journal article (JA)

21、 **Microstructural Analysis and Texture Evolution of the CVCEDED AZ31 Magnesium Alloy by Hot Rolling**

**Li, Xu Bo** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Li, Feng; Li, Xue Wen** Source: *Journal of Materials Engineering and Performance*, v 27, n 9, p 4732-4739, September 1, 2018

Database:Compendex

Document type:Journal article (JA)

22、 **Polyimide /Fe<sub>3</sub>O<sub>4</sub> Magnetic Nanocomposite Films Prepared and Characterized by Electrospinning**

**Dong, Xinqian** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Lizhu; Weng, Ling; Chui, Weiwei** Source: *Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering*, v 34, n 8, p 161-166 and 172, August 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

23、 **Synthesis and properties of cured epoxy mixed resin systems modified by polyphenylene oxide for production of high-frequency copper clad laminates**

**Weng, Ling** (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Yingchun; Zhang, Xiaorui; Liu, Lizhu; Zhang, Hexin** Source: *Polymer Composites*, v 39, p E2334-E2345, December 2018

Database:Compendex

Document type:Journal article (JA)

24、 **Study on preparation and magnetic properties of Sr<sub>1-x</sub>GdxFe<sub>12-x</sub>CuxO<sub>19</sub>(0.00 ≤ x ≤ 0.20) strontium ferrite prepared by solid phase method**

**Wu, Ze** (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Zhang, Ruonan; Yu, Zhaowei; Shan, Lianwei; Dong, Limin; Zhang, Xianyou** Source: *Ferroelectrics*, v 523, n 1, p 82-88, January 25, 2018

Database:Compendex

Document type:Journal article (JA)

25、 **Preparation and properties of nano SiO<sub>2</sub>-carboxyl carboxyl nitrile rubber modified water-based epoxy resin composite**

**Zhou, Haoran** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Mao, Shanshan** Source: *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 35, n 6, p 1395-1401, June 1, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 26、 Hybrid graphene aerogel intermedium for bendable

### supercapacitor electrode

**Mi, Jinbo** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Wang, Yongliang**; **Han, Zhidong** Source: *Micro and Nano Letters*, v 13, n 10, p 1417-1420, 2018

Database:Compendex

Document type:Journal article (JA)

## 27、 Enhancement in energy storage density of polyvinylidene

### fluoride composites by introduced rod-like core-shell Ag@Al<sub>2</sub>O<sub>3</sub> nanorods

**Guan, Lizhu** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Liu, Lizhu**; **Weng, Ling**; **Zhang, Xiaorui**; **Cui, Weiwei** Source: *Polymer*, v 148, p 39-48, 18 July 2018

Database:Compendex

Document type:Journal article (JA)

Document type:Journal article (JA)

## 28、 Synthesis and properties of cyanate mixed resin systems

### modified by polyphenylene oxide for production of high-frequency copper clad laminates

**Weng, Ling** (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Yingchun**; **Zhang, Xiaorui**; **Liu, Lizhu**; **Zhang, Hexin** Source: *Journal of Materials Science: Materials in Electronics*, v 29, n 4, p

2831-2840, February 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 29、 Effects of Tb doping on structural and electrical properties of

### 47(Ba<sub>0.7</sub>Ca<sub>0.3</sub>)TiO<sub>3</sub>-0.53Ba(Zr<sub>0.2</sub>Ti<sub>0.8</sub>)O<sub>3</sub> thin films at various annealing temperature by pulsed laser deposition

**Lu, Haowei** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Lizhu**; **Lin, Jiaqi**; **Yang, Wenlong**; **Weng, Ling**; **Zhang, Xiaorui** Source: *Ceramics International*, v 44, n 6, p 6514-6519, April 15, 2018

Database:Compendex

Document type:Journal article (JA)

Document type:Journal article (JA)

## 30、 Fabrication of low dielectric constant

### polyimide/TiO<sub>2</sub> nanofibers with enhanced UV-light shielding properties

**Wang, Lei** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Gong, Guifen**; **Shen, Junyao**; **Leng, Jinsong** Source: *High Performance Polymers*, 2018

Article in Press

Article in Press

Database:Compendex

Document type:Article in Press

### 31、 **Preparation and properties of boron nitride/epoxy composites with high thermal conductivity and electrical insulation**

**Weng, Ling** (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Wang, HeBing; Zhang, Xiaorui; Liu, Lizhu; Zhang, Hexin** Source: *Journal of Materials Science: Materials in Electronics*, v 29, n 16, p 14267-14276, August 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 32、 **Optimization of the CdS quantum dot sensitized solar cells with ZnS passivation layer**

**Zheng, Wei** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Yinan; Wang, Di; Wang, Qiming** Source: *Journal of Materials Science: Materials in Electronics*, v 29, n 17, p 14796-14802, September 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 33、 **Nanoparticles of magnetite anchored onto few-layer graphene: A highly efficient Fenton-like nanocomposite catalyst**

**Xu, Huan-Yan** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Li, Bo; Shi, Tian-Nuo; Wang, Yuan; Komarneni, Sridhar** Source: *Journal of Colloid and Interface Science*, v 532, p 161-170, 15 December 2018

Database:Compendex

Document type:Journal article (JA)

### 34、 **High dielectric permittivity and low loss of polyvinylidene fluoride filled with carbon additives: Expanded graphite versus reduced graphene oxide**

**Deng, Wei** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Yu, Weili; Cui, Weiwei; Guo, Huachao; Liu, Yifan; Zhao, Tianqi** Source: *High Performance Polymers*, 2018

Article in Press

Database:Compendex

Document type:Article in Press

### 35、 **Preparation and Size Control of Polymer Hollow Microspheres**

**Guo, Huachao** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Deng, Wei; Yu, Weili** Source: *Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering*, v 34, n 5, p 30-34, May 1, 2018 **Language:** Chinese

Database:Compendex

Document type:Journal article (JA)

36、 **Microstructural Characteristics of AZ31 Magnesium Alloy Processed by Continuous Variable Cross-Section Direct Extrusion (CVCDE). Part 1: Texture Evolution** 材料

**Li, Xu Bo** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Li, Feng; Li, Xue Wen** Source: *JOM*, v 70, n 10, p 2327-2331, October 1, 2018

Database:Compendex

Document type:Journal article (JA)

37、 **Dielectric properties of powder-sol-derived strontium barium niobate/strontium barium titanate composite ceramics** 材料

**Wang, Fengchun** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Wu, Ze; Shan, Lianwei; Dong, Limin; Zhang, Xianyou** Source: *Ferroelectrics*, v 522, n 1, p 144-151, January 2, 2018

Database:Compendex

Document type:Journal article (JA)

38、 **Preparation and properties of polyimide/Fe<sub>3</sub>O<sub>4</sub>composite foams**

**Weng, Ling** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Wang, Ting; Ju, Pei-Hai; Liu, Li-Zhu** Source: *Pigment and Resin Technology*, v 47, n 2, p 173-179, 2018

Database:Compendex

Document type:Journal article (JA)

39、 **The stability of CdS QDSCs based on optimized MWCNs/CuS counter electrodes**

**Zhang, Yanan** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Jingyu; Zheng, Wei** Source: *IEEE Journal of Photovoltaics*, v 8, n 4, p 1142-1148, July 2018

Database:Compendex

Document type:Journal article (JA)

40、 **Tough Magnetic Chitosan Hydrogel Nanocomposites for Remotely Stimulated Drug Release**

**Wang, Yongliang** (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Li, Baoqiang; Xu, Feng; Han, Zhidong; Wei, Daqing; Jia, Dechang; Zhou, Yu** Source: *Biomacromolecules*, v 19, n 8, p 3351-3360, August 13, 2018

Database:Compendex

Document type:Journal article (JA)

41、 **Effect of different temperatures on deformation characteristics of AZ31 magnesium alloy by continuous variable cross-section direct extrusion**

**Li, Xu Bo** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Li, Feng; Li, Xue Wen** Source: *International Journal of Advanced Manufacturing Technology*, v 95, n 9-12, p 4623-4628, April 1, 2018

Database:Compendex

Document type:Journal article (JA)

42、 **Electrochemical Properties of EVOH-SO<sub>3</sub>Li/PET Lithium Ion Battery Separator via Electrospinning**

**Gong, Gui-Fen** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Wang, Lei; Lan, Jian** Source: *Cailiao Gongcheng/Journal of Materials Engineering*, v 46, n 3, p 7-12, March 20, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

43、 **Properties of Rolled AZ31 Magnesium Alloy Sheet Fabricated by Continuous Variable Cross-Section Direct Extrusion**

**Liu, Yang** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Li, Feng; Li, Xue Wen; Shi, Wen Yong** Source: *Journal of Materials Engineering and Performance*, v 27, n 3, p 1334-1342, March 1, 2018

Database:Compendex

Document type:Journal article (JA)

44、 **Preparation and properties of polyvinylidene fluoride/tetra-needle like-zinc oxide whisker composites**

**Weng, Ling** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Ju, Peihai; Zhang, Xiaorui; Liu, Lizhu** Source: *Advances in Polymer Technology*, v 37, n 6, p 1658-1664, October 2018

Database:Compendex

Document type:Journal article (JA)

45、 **Preparation of Polyurea Insulation Coating for Waterproofing and Its Properties**

**Luo, Xueyu** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Liu, Lizhu** Source: *Cailiao Daobao/Materials Review*, v 32, n 8, p 2723-2727, August 25, 2018 Language: Chinese

Database:Compendex

Document type:Journal article (JA)

46、 **Optimizing control of nodularization of ductile iron based on oxygen activity measurement**



**Xu, Zhenyu** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Li, Dayong; Ma, Xuliang; Shi, Dequan; Han, Chaowei; Wang, Lihua** Source: *Materials Transactions*, v 59, n 12, p 1928-1934, 2018  
Database:Compendex  
Document type:Journal article (JA)

#### 47、 **Effect of Cooling Rate on the Grain Refinement of Mg–3Nd Alloys by Aluminum**

**Wang, Lei** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Feng, Yicheng; Guo, Erjun; Yang, Yang; Chen, Yanhong; Wang, Liping** Source: *International Journal of Metalcasting*, v 12, n 4, p 906-918, October 1, 2018  
Database:Compendex  
Document type:Journal article (JA)

#### 48、 **Microstructure and hardness of SAC305-xNi solder on Cu and graphene-coated Cu substrates**

**Liu, Yang** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Li, Shengli; Zhang, Hao; Cai, Hongming; Sun, Fenglian; Zhang, Guoqi** Source: *Journal of Materials Science: Materials in Electronics*, v 29, n 15, p 13167-13175, August 1, 2018  
Database:Compendex  
Document type:Journal article (JA)

#### 49、 **Electrochemical properties of lithium ethylene-vinyl alcohol copolymer sulfate/polyimide Li-ion battery separator composite by electrospinning**

**Gong, Guifen** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Lei; Li, Ze** Source: *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 35, n 10, p 2632-2639, October 1, 2018 Language: Chinese  
Database:Compendex  
Document type:Journal article (JA)

#### 50、 **Quenching crack patterns of the ultra-high temperature ceramic in shapes of leading edge or alike**

**Jin, Xinxin** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Wang, Shuai; Dong, Limin; Xu, Baosheng** Source: *Engineering Failure Analysis*, v 83, p 102-108, January 2018  
Database:Compendex  
Document type:Journal article (JA)

#### 51、 **Studies on surface topography and mechanical properties of TiN coating irradiated by high current pulsed electron beam**

**Jiang, Wei** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Wang, Langping; Wang, Xiaofeng** Source: *Nuclear Instruments and*

*Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms*, v 436, p 63-67, 1 December 2018

Database:Compendex

Document type:Journal article (JA)

## 52、 Off-line error compensation in corner milling process

**Yue, Caixu** (Harbin University of Science and Technology, Harbin, China); **Liu, Xianli**; **Ding, Yunpeng**; **Liang, Steven Y** Source: *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, v 232, n 7, p 1172-1181, May 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 53、 Oxidation Resistance of Tool Material Used for Cutting

### Inconel625

**Liu, Erliang** (Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Xia**; **Zhao, Liguo**; **Han, Jiadong**; **Wang, Tengda**; **Liu, Xianli** Source: *Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering*, v 47, n 7, p 2193-2197, July 1, 2018

Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 54、 Flame-Retardant Mechanism of Benzoxazine Resin with

### Triazine Structure

**Zhang, Xiaorui** (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Liu, Lizhu**; **Yu, Yang**; **Weng, Ling** Source: *Advances in Polymer Technology*, v 37, n 2, p 384-389, March 2018

Database:Compendex

Document type:Journal article (JA)

## 55、 Preparation and Properties of Amine Terminated Liquid itriple

### Rubber/Epoxy Resin Insulating Adhesive

**Hu, Guangkai** (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Xiaorui**; **Xu, Hang**; **Weng, Ling**; **Liu, Lizhu** Source: *Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering*, v 34, n 11, p 144-150, November 1, 2018

Language: Chinese

Database:Compendex

Document type:Journal article (JA)

## 56、 Epoxy composites with functionalized molybdenum disulfide nanoplatelet additives

**Zhao, Ming** (School of Materials Science and Engineering, Harbin University of Science and Technology, 4 Linyuan Road, Harbin Heilongjiang; 150040, China); **Liu, Lizhu**; **Zhang, Bin**; **Sun, Mingming**; **Zhang, Xugang**; **Zhang, Xue**; **Li, Jianhui**; **Wang, Lei** Source: *RSC Advances*, v 8, n 61, p 35170-35178, 2018

Database:Compendex

Document type:Journal article (JA)

57、 **Study on deep drawing of 304 stainless steel rectangular case with magnetic medium**

**Jin, Cheng Chuang** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Li, Feng; Bao, Ze Ping** Source: *International Journal of Advanced Manufacturing Technology*, v 94, n 1-4, p 1525-1531, January 1, 2018

Database:Compendex

Document type:Journal article (JA)

58、 **Effect of Polyether Sulfone Resin on Micromorphology, Thermal, Mechanical, and Dielectric Properties of Epoxy–Bismaleimide Composite Material**

**Chen, Yufei** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150080, China); **Guo, Hongyuan; Cai, Mingzhuo; Geng, Chengbao; Yue, Chunyan; Teng, Chengjun** Source: *Journal of Electronic Materials*, v 47, n 10, p 6021-6027, October 1, 2018

Database:Compendex

Document type:Journal article (JA)

59、 **Kinetics study on non-isothermal crystallization of Ni<sub>1.5</sub>MnSn<sub>0.5</sub>Co alloy thin films**

**Wang, Zhenhua** (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Guo, Erjun; Tan, Changlong; Tian, Xiaohua; Zhu, Jiachen; Zhao, Wenbin** Source: *Integrated Ferroelectrics*, v 189, n 1, p 8-14, May 4, 2018

Database:Compendex

Document type:Journal article (JA)

60、 **Interfacially reinforced unsaturated polyester carbon fiber composites with a vinyl ester-carbon nanotubes sizing agent**

**Wu, Zijian** (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; 150040, China); **Cui, Hongyu; Chen, Lei; Jiang, Dawei; Weng, Ling; Ma, Yingyi; Li, Xuejiao; Zhang, Xiaohong; Liu, Hu; Wang, Ning; Zhang, Jiaoxia; Ma, Yong; Zhang, Mingyan; Huang, Yudong; Guo, Zhanhu** Source: *Composites Science and Technology*, v 164, p 195-203, 18 August 2018

Database:Compendex

Document type:Journal article (JA)

61、 **Synthesis of graphene/ZnO nanowire arrays/graphene foam and its application for determination of folic acid**

**Gao, Xin** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Yue, Hongyan; Huang, Shuo; Lin, Xuanyu; Gao, Xuan P.A.; Wang, Bao; Yao,**

**Longhui; Wang, Weiyi; Guo, Erjun** Source: *Journal of Electroanalytical Chemistry*, v 808, p 189-194, January 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 62、 **Effect of montmorillonite on hydrate-based methane separation from mine gas**

**Zhang, Qiang** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wu, Qiang; Zhang, Hui; Zhang, Bao-yong; Xia,**

**Ting**Source: *Journal of Central South University*, v 25, n 1, p 38-50, January 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 63、 **Preparation of three-dimensional hollow graphene balls and simultaneous electrochemical determination of dopamine and uric acid**

**Yue, Hong Yan** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Song, Shan Shan; Huang, Shuo; Gao, Xin; Wang,**

**Bao;Guan, En Hao; Zhang, Hong Jie; Wu, Peng Fei; Guo, Xin Rui** Source: *Journal of Materials Science: Materials in Electronics*, v 29, n 14, p 12330-12339, July 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 64、 **Electrochemical determination of uric acid in the presence of ascorbic acid by hybrid of ZnO nanorods and graphene nanosheets**

**Wang, Qizhao** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Yue, Hongyan; Zhang, Jianjiao; Gao, Xin; Zhang,**

**Hong;Lin, Xuanyu; Wang, Bao; Bychanok, Dzmitry** Source: *Ionics*, v 24, n 8, p 2499-2507, August 1, 2018

Database:Compendex

Document type:Journal article (JA)

## 65、 **Dielectric properties for strontium barium titanate thin films with different thickness**

**Bi, Jingjing** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Shan, Lianwei; Wu, Ze; Fu, Xinghua; Hou,**

**Wenping** Source: *Ferroelectrics*, v 529, n 1, p 113-119, June 11, 2018

Database:Compendex

Document type:Journal article (JA)

- 66、 **Graphitization resistance determines super hardness of lonsdaleite, nanotwinned and nanopolycrystalline diamond**  
**Ma, Xiaoliang** (Centre for Composite Materials and Structures, Harbin Institute of Technology, Harbin; 150080, China); **Shi, Liping; He, Xiaodong; Li, Long; Cao, Guojian; Hou, Chengyu; Li, Jiacheng; Chang, Li; Yang, Lin; Zhong, Yesheng** **Source:** *Carbon*, v 133, p 69-76, July 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)
- 67、 **Resistance to warpage deformation of area array packaging interconnect under thermal cyclic load**  
**Zhao, Zhili** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Bai, Yuhui; Li, Rui; Dang, Guangyue** **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 39, n 11, p 99-102, November 25, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)
- 68、 **Thermal Shock Resistance of Porous ZrB<sub>2</sub>-SiC-Graphite Ultrahigh-Temperature Ceramics**  
**Wang, Shuai** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Jin, Xinxin; Dong, Limin; Wu, Kejia; Chen, Le** **Source:** *Kuei Suan Jen Hsueh Pao/Journal of the Chinese Ceramic Society*, v 46, n 6, p 766-771, June 1, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)
- 69、 **Constitutive equation and hot processing maps of Al-5Ti-1B master alloy**  
**Kang, Fu-Wei** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhou, Jie; Wang, Zhi-Wei; Zhang, Xue-Min; Feng, Yi-Cheng; Guo, Er-Jun** **Source:** *Rare Metals*, v 37, n 8, p 668-674, August 1, 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)
- 70、 **Simultaneous tuning of martensitic transformation behavior, magnetic and mechanical properties in Ni-Mn-Sn magnetic alloy by Cu doping**  
**Zhang, Kun** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Tan, Changlong; Guo, Erjun; Feng, Zhicheng; Zhu, Jiachen; Tong, Yunxiang; Cai, Wei** **Source:** *Journal of Materials Chemistry C*, v 6, n 19, p 5228-5238, 2018  
**Database:**Compendex

Document type:Journal article (JA)

### 71、 **Microstructure and mechanical properties of ADC12/6063-T6 aluminum alloy butt joint achieved by metal inert gas groove welding**

**Wang, Ye** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Zhao, Mi; Xu, Hongyu; Hu, Maoliang; Ji, Zesheng** Source: *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, 2018

Database:Compendex

Document type:Journal article (JA)

### 72、 **The effects of ultrasonication on epoxy resin and its emulsion**

**Liu, Lizhu** (The School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Hu, Guangkai; Zhang, Xiaorui; Ling, Weng; Zhang, Jiawen** Source: *Pigment and Resin Technology*, v 47, n 4, p 300-307, July 2, 2018

Database:Compendex

Document type:Journal article (JA)

### 73、 **Synthesis of graphene/ZnO nanoflowers and electrochemical determination of levodopa in the presence of uric acid**

**Yue, Hong Yan** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Wang, Bao; Huang, Shuo; Gao, Xin; Song, Shan Shan; Guan, En Hao; Zhang, Hong Jie; Wu, Peng Fei; Guo, Xin Rui** Source: *Journal of Materials Science: Materials in Electronics*, v 29, n 17, p 14918-14926, September 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 74、 **The performance of QDSCs based on 3D structural counter electrodes of multi-wall carbon nanotubes and nanographite**

**Zhang, Yinan** (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Sun, Hongquan; Zhang, Jingyu; Zheng, Wei** Source: *Journal of Materials Science: Materials in Electronics*, v 29, n 23, p 20057-20063, December 1, 2018

Database:Compendex

Document type:Journal article (JA)

### 75、 **Evaluation of microstructure and properties of AZ31/Al<sub>2</sub>O<sub>3</sub> composites prepared by solid-phase synthesis**

**Wei, Shuaihu** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Hu, Maoliang; Ji, Zesheng; Xu, Hongyu; Wang, Ye** Source: *Materials Science and Technology (United Kingdom)*, v 34, n 17, p 2097-2104, November 22, 2018

Database:Compendex

Document type:Journal article (JA)

76、 **Thermal conductivity enhancement of polyimide films filled with BN and AlN fillers**

**Ma, Xinyu** (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); **Liu, Lizhu; Zhang, Xiaorui; Lv, Tong** Source: *High Performance Polymers*, 2018

Article in Press

Database:Compendex

Document type:Article in Press

77、 **Highly sensitive H<sub>2</sub>S sensor based on solvothermally prepared spinel ZnFe<sub>2</sub>O<sub>4</sub>nanoparticles**

**Zhang, Hai-Jun** (Harbin University of Science and Technology, Harbin; 150080, China); **Meng, Fan-Na; Liu, Li-Zhu; Chen, Yu-Jin; Wang, Pin-Jie** Source: *Journal of Alloys and Compounds*, v 764, p 147-154, 5 October 2018

Database:Compendex

Document type:Journal article (JA)

化工 12 篇

1、 **Numerical analysis of shell-side thermo-hydraulic performances of submerged combustion vaporizer**

**Han, Chang-Liang** (Key Laboratory of Green Chemical Technology of College of Heilongjiang Province, School of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Yu-Nan; Jiao, Bo; Lu, Yi-Ping** Source: *Applied Thermal Engineering*, p 112-122, 5 June 2018

Database:Compendex

Document type:Journal article (JA)

2、 **A Zn-tib porous framework sandwiched with Keggin Synthesis, structure, photocatalytic and luminescent properties**

**Zhang, Zhuanfang** (Key Laboratory of Green Chemical Engineering and Technology of College of Heilongjiang Province, College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Ma, Huiyuan; Pang, Haijun; Zhang, Chunjing; Chai, Dongfeng; Hou, Yan** Source: *Journal of Solid State Chemistry*, v 258, p 170-175, February 2018

Database:Compendex

Document type:Journal article (JA)

3、 **Facile fabrication of a non-enzymatic nanocomposite of heteropolyacids and CeO<sub>2</sub>@Pt alloy nanoparticles doped reduced graphene oxide and its application towards the simultaneous determination of xanthine and uric acid**

**Zhu, Di** (Key Laboratory of Green Chemical Engineering and Technology of College of Heilongjiang Province, College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Ma, Huiyuan; Pang, Haijun; Tan, Lichao; Jiao, Jia; Chen, Tao** Source: *Electrochimica Acta*, v 266, p 54-65, March 10, 2018

Database:Compendex

Document type:Journal article (JA)

4、 **Improvement of the photocatalytic hydrogen production activity of g-C<sub>3</sub>N<sub>4</sub> by doping selenides as cocatalysts**

**Yang, Dou-Dou** (Key Laboratory of Green Chemical Engineering and Technology of College of Heilongjiang Province, College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Sun, Xiao-Jun; Dong, Hong; Zhang, Xin; Tang, Hong-Liang; Sheng, Jing-Li; Wei, Jin-Zhi; Zhang, Feng-Ming** Source: *Materials Science in Semiconductor Processing*, v 85, p 76-82, October 2018

Database:Compendex

Document type:Journal article (JA)

5、 **Synthesis and Drug Delivery Properties of Nano Metal-organic Framework ZIF-90**



**Dong, Hong** (Key Laboratory of Green Chemical Engineering and Technology of College of Heilongjiang Province, College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Sun, Xiaojun; Zhang, Xin; Yang, Doudou; Wang, Xueliang; Zhang, Fengming** Source: *Cailiao Daobao/Materials Review*, v 32, n 1, p 189-192, January 25, 2018 Language: Chinese  
Database:Compendex  
Document type:Journal article (JA)

6、 **A new 3D POMOF based on Cu<sup>I</sup>/Cu<sup>II</sup>-bis(triazole) complexes and BW12Keggin polyoxoanions: Synthesis, characterization and electrochemical properties**

**Zhang, Yanjun** (Data Science and Technology School, Heilongjiang University, Harbin; 150080, China); **Fu, Xin; Zhang, Chunjing; Pang, Hainjun; Ma, Huiyuan; Zhao, Xi; Wang, Cheng** Source: *Journal of Molecular Structure*, v 1154, p 543-546, February 15, 2018  
Database:Compendex  
Document type:Journal article (JA)

7、 **Numerical analysis on non-uniform flow and heat transfer of supercritical cryogenic methane in a heated horizontal circular tube**

**Han, Chang-Liang** (Key Laboratory of Green Chemical Technology of College of Heilongjiang Province, School of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zhang, Yu-Nan; Yu, Hong; Lu, Yi-Ping; Jiao, Bo** Source: *Journal of Supercritical Fluids*, v 138, p 82-91, August 2018  
Database:Compendex  
Document type:Journal article (JA)

8、 **Hybrid nanobud-array structures (C<sub>24</sub>)<sub>n</sub>/MoS<sub>2</sub> and (C<sub>24V</sub>)<sub>n</sub>/MoS<sub>2</sub>: Two-dimensional half metallic and ferromagnetic materials**

**Pan, Ping** (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Hu, Yangyang; Zhang, Guiling; Yang, Zhao-Di; Zeng, Xiao Cheng** Source: *Journal of Materials Chemistry C*, v 6, n 13, p 3373-3386, 2018  
Database:Compendex  
Document type:Journal article (JA)

9、 **A novel and shortcut method to prepare ionic liquid gel polymer electrolyte membranes for lithium-ion battery**

**Li, Libo** (Key Laboratory of Green Chemical Engineering and Technology of College of Heilongjiang Province, College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Yang, Xueying; Li, Jiesi; Xu, Yanping** Source: *Ionics*, v 24, n 3, p 735-741, March 1, 2018  
Database:Compendex  
Document type:Journal article (JA)

## 10、 **A methodological review on green electrochemical synthesis of metal-organic framework materials**

**Wei, Jinzhi** (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Xueliang**; **Sun, Xiaojun**; **Zhang,**

**Fengming**Source: *Cailiao Daobao/Materials Review*, v 32, n 5, p 1435-1441, May 10, 2018

Database:Compendex

Document type:Journal article (JA)

## 11、 **Influence of additives in a PVDF-based solid polymer**

### **electrolyte on conductivity and Li-ion battery performance** 化工

**Wang, Furi** (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, No. 4 Lin Yuan Road, Harbin; 150040, China); **Li, Libo**; **Yang, Xueying**; **You,**

**Jun**; **Xu, Yanping**; **Wang, Heng**; **Ma, Yue**; **Gao, Guanxiong** Source: *Sustainable Energy and Fuels*, v 2, n 2, p 492-498, 2018

Database:Compendex

Document type:Journal article (JA)

## 12、 **A dopamine electrochemical sensor based on Pd-Pt alloy nanoparticles decorated polyoxometalate and multiwalled carbon nanotubes**

**Jiao, Jia** (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin; 150040, China); **Zuo, Jingwei**; **Pang, Haijun**; **Tan, Lichao**; **Chen, Tao**; **Ma,**

**Huiyuan** Source: *Journal of Electroanalytical Chemistry*, v 827, p 103-111, 15 October 2018

Database:Compendex

Document type:Journal article (JA)

经济管理 3 篇

1、 **Optimal dynamic promotion strategies in the multiple competing supply chains**

**Huang, Chunli** (School of Management, Harbin University of Science and Technology, Harbin, China); **Chen, Dongyan; Yu, Hui** Source: *Systems Science and Control Engineering*, v 6, n 1, p 398-408, January 1, 2018

Database:Compendex

Document type:Journal article (JA)

2、 **Investigation of demand pattern and identification of markets niches for products family: Wind turbines for offshore wind farms**

**Yan, Jian** (School of Management, Harbin University of Science and Technology, Harbin; 150080, China); **Gao, Changyuan; Li, Leixia** Source: *International Agricultural Engineering Journal*, v 27, n 1, p 1-12, March 2018

Database:Compendex

Document type:Journal article (JA)

3、 **Investigating the demand pattern and identifying markets niches for a family of products: Wind turbines for offshore wind farms**

**Yan, Jian** (Harbin University of Science and Technology, China); **Gao, Changyuan; Li, Leixia** Source: *International Agricultural Engineering Journal*, v 27, n 1, p 1, 2018

Database:Compendex

Document type:Journal article (JA)

外语 1 篇

1、 **Teaching effect of college english based on cloud class**

**platform Yongqin, Wang** (Harbin University of Science and Technology, No. 52 Xuefu Road, Nangang District, Harbin, China); **Mingming, Han; Fei, Lang** Source: *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*, v 243, p 27-32, 2018, *e-Learning, e-Education, and Online Training - 4th International Conference, eLEOT 2018, Proceedings*

**Database:**Compendex

**Document type:**Conference article (CA)

机关 1 篇

1、 **Experimental investigation of chip plastic side flow in**

**machining of GH4169 superalloy under high-pressure cooling**

**Wu, Mingyang** (The Key Laboratory of National and Local United Engineering for "High-Efficiency Cutting & Tools", Harbin University of Science and Technology, Nangang District, Harbin, China); **Yu, Yongxin; Cheng, Yaonan; Li, Lubin; Zhao, Xu** Source: *Ferroelectrics*, v 530, n 1, p 82-96, July 4, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

其他 8 篇

1、 **Short-term traffic flow prediction with LSTM recurrent neural network**

**Kang, Danqing** (Harbin University of Science and Technology, Harbin; 150080, China); **Lv, Yisheng; Chen, Yuan-Yuan** Source: *IEEE Conference on Intelligent Transportation Systems, Proceedings, ITSC*, v 2018-March, p 1-6, March 14, 2018, *2017 IEEE 20th International Conference on Intelligent Transportation Systems, ITSC 2017*

**Database:**Compendex

**Document type:**Conference article (CA)

2、 **Binarization of degraded document images based on contrast enhancement**

**Lu, Di** (Harbin University of Science and Technology, Harbin, China); **Huang, Xin; Sui, LiXue** Source: *International Journal on Document Analysis and Recognition*, v 21, n 1-2, p 123-135, June 1, 2018

**Database:**Compendex

**Document type:**Journal article (JA)

3、 **Numerical simulation of DE-GMAW welding of magnesium alloy cylinder**

**Fang, Naiwen** (Harbin University of Science and Technology, Harbin; 150080, China); **Wang, Liping; Li, Liansheng; Li, Rui; Ma, Qingjun; Kong, Xiangqian** Source: *Hanjie Xuebao/Transactions of the China Welding Institution*, v 39, n 7, p 29-32, July 25, 2018 **Language:** Chinese  
**Database:**Compendex  
**Document type:**Journal article (JA)

#### 4、 **Benign and malignant solitary pulmonary nodules**

##### **classification based on CNN and SVM**

**Liu, Lu** (Harbin University of Science and Technology, Harbin; 150080, China); **Liu, Yapeng; Zhao, Hongyuan** Source: *ACM International Conference Proceeding Series*, v Part F137705, p 46-50, April 23, 2018, *ICMVA 2018 - Proceedings of 2018 International Conference on Machine Vision and Applications*  
**Database:**Compendex  
**Document type:**Conference article (CA)

#### 5、 **The resin lens flaw feature extraction and detection system based on data transmission security**

**Wang, Hongmin** (Harbin University of Science and Technology, Nangang Dist, Harbin; 150080, China); **Zhu, Hongzhao; Xue, Ping; Zhu, Xiaohui** Source: *Multimedia Tools and Applications*, v 77, n 14, p 18483-18501, July 1, 2018  
**Database:**Compendex  
**Document type:**Journal article (JA)

#### 6、 **Fluctuating high-frequency voltage drive system of SPM motor**

**Lv, De-Gang** (Harbin University of Science and Technology, Harbin, China); **Li, Song; Du, Ze-Yuan** Source: *Proceedings of 2018 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2018*, December 4, 2018, *Proceedings of 2018 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2018*  
**Database:**Compendex  
**Document type:**Conference article (CA)

#### 7、 **Modified function projective synchronization of two fractional-order chaotic systems with unknown parameters**

**Du, Hongyue** (School of Automation, Harbin University of Science and Technology, Harbin; 150080, China) Source: *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*, p 6575-6579, July 6, 2018, *Proceedings of the 30th Chinese Control and Decision Conference, CCDC 2018*  
**Database:**Compendex  
**Document type:**Conference article (CA)

#### 8、 **Adaptive Backstepping Controller to Improve Handling Stability of Tractor-Aircraft System on Deck**

**Liu, Hongbo** (Harbin University of Science and Technology, Harbin; 150080, China); **Yang, Xiaodong; Li, Yuefeng; Guo, Hua** **Source:** *2018 15th International Conference on Ubiquitous Robots, UR 2018*, p 839-846, August 20, 2018, *2018 15th International Conference on Ubiquitous Robots, UR 2018*

**Database:**Compendex

**Document type:**Conference article (CA)