2020 年第四季度 SCIE、CPCI-S、CPCI-SSH 收录

沈阳工业大学论文统计

沈阳工业大学图书馆学科服务组

2020 年 12 月

统计说明

1、检索时间和统计方法：

① 检索时间段：从 2020 年 10 月 1 日至 2020 年 12 月 30 日；

② 检索词：以“沈阳工业大学”的英文拼写方式“shenyang university of technology”为检索词；

③ 检索字段：“ADDRESS”字段；

④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

2、 SCI 分区数据来自第 2019 版 Journal Citation Reports。

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

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

联系人：刘英煜　商璐

联系电话：25496607

目 录

一、 2020 年第四季度 SCIE 收录各学院论文情况.....1
（一） 机械工程学院（15 篇）.....2
（二） 材料科学与工程学院（32 篇）.....10
（三） 电气工程学院（3 篇）.....26
（四） 信息科学与工程学院（13 篇）.....40
（五） 管理学院（6 篇）.....45
（六） 理学院（7 篇）.....48
（七） 建筑与土木工程学院（5 篇）.....52
（八） 软件学院（1 篇）.....54
（九） 环境与化学工程学院（4 篇）.....55
（十） 石油化工学院（4 篇）.....56
（十一） 图书馆（1 篇）.....58
（十二） 其他：未注明学院（5 篇）.....59
二、 2020 年第四季度 CPCI-S、 CPCI-SSH 收录各学院论文情况.....62
（一） 机械工程学院（2 篇）.....62
（二） 材料科学与工程学院（2 篇）.....62
（三） 电气工程学院（5 篇）.....63
（四） 信息科学与工程学院（3 篇）.....64
（五） 其他：未注明学院（4 篇）.....64

一、2020 年第四季度 SCIE 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) AU:作者英文姓名
(2) TI:论文题目
(3) SO:论文来源
(4) UT WOS:SCIE 中论文入藏号
(5) JCR 期刊分区
(6) 2019 影响因子
(7) 研究领域

（一）机械工程学院（15 篇）

1. **AU:** Cui, JZ ; Zhao, J ; Wang, SJ ; Li, YL

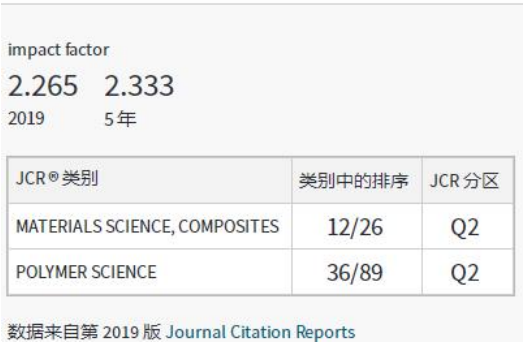
TI: A comparative study on enhancement of mechanical and tribological properties of nitrile rubber composites reinforced by different functionalized graphene sheets: Molecular dynamics simulations

SO: POLYMER COMPOSITES

UT WOS: 000572663000001

JCR 期刊分区:

POLYMER COMPOSITES



impact factor

2.265 2.333

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, COMPOSITES	12/26	Q2
POLYMER SCIENCE	36/89	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.265

研究领域: Materials Science ； Polymer Science

2. **AU:** Bian, HY ; Zhai, XY ; Wang, SJ ; Li, Y ; Wang, W ; Wang, W

TI: Microstructure and Properties of Two-stage Aging Heat Treated Single Multilayer DZ125 After Laser Deposition Repair

SO: RARE METAL MATERIALS AND ENGINEERING

UT WOS: 000576197200030

JCR 期刊分区:

RARE METAL MATERIALS AND ENGINEERING

impact factor

0.485 0.488

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	304/314	Q4
METALLURGY & METALLURGICAL ENGINEERING	70/79	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.485

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

3. **AU:** Zhou, B ; Yu, FG ; Luo, YG ; Li, H

TI: Detecting defects in the main spar of a wind turbine blade

SO: JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY

UT WOS: 000576345700001

JCR 期刊分区:

JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY

impact factor

1.575 1.611

2019 5年

JCR®类别	类别中的排序	JCR 分区
ENERGY & FUELS	89/112	Q4
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	38/41	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.575

研究领域: Science & Technology - Other Topics ； Energy & Fuels

4. **AU:** Luo, YQ ; Chen, CZ ; Zhao, SY ; Yang, GL

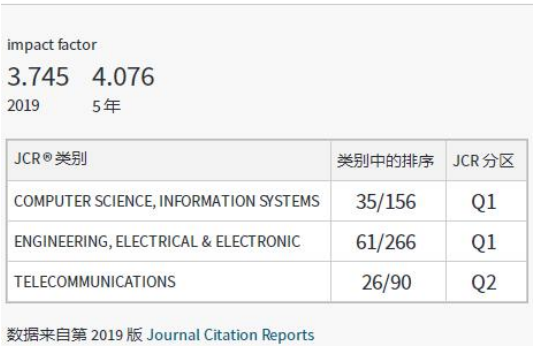
TI: Rolling Bearing Fault Diagnosis Method With Enhanced Top-Hat Transform Filtering and Cyclic Spectrum Coherence

SO: IEEE ACCESS

UT WOS: 000573015700001

JCR 期刊分区:

IEEE ACCESS



impact factor

3.745 4.076

2019 5年

JCR®类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

5. **AU:** Liu, HF ; Qiao, KQ ; Sun, XW ; Gao, QX ; Chang, YL ; Xu, HT

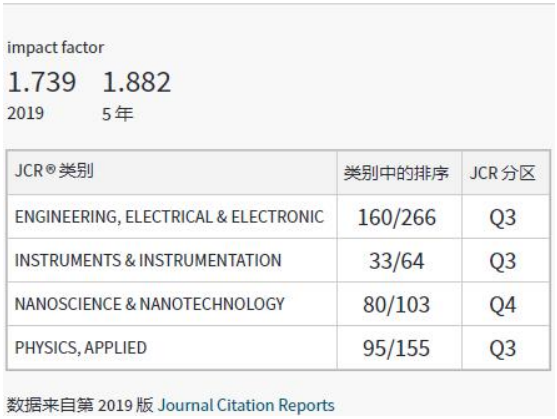
TI: Surface tension-based ultra-micro precision dispensing method for micro-scale manufacturing and its key influence factors analysis

SO: JOURNAL OF MICROMECHANICS AND MICROENGINEERING

UT WOS: 000580949500001

JCR 期刊分区:

JOURNAL OF MICROMECHANICS AND MICROENGINEERING



impact factor

1.739 1.882

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	160/266	Q3
INSTRUMENTS & INSTRUMENTATION	33/64	Q3
NANOSCIENCE & NANOTECHNOLOGY	80/103	Q4
PHYSICS, APPLIED	95/155	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.739

研究领域: Engineering ； Science & Technology - Other Topics ； Instruments &；Instrumentation ； Physics

6. **AU:** Wang, HJ ; Liu, J ; Tian, Y ; Wang, ZD ; An, XX

TI: Mathematical Modeling of Carbon Flux Parameters for Low-Pressure Vacuum Carburizing with Medium-High Alloy Steel

SO: COATINGS

UT WOS: 000593013300001

JCR 期刊分区:

COATINGS

impact factor

2.436 2.718

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, COATINGS & FILMS	10/21	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.436

研究领域: Materials Science

7. **AU:** Zhang, T ; Wang, H ; Chen, JC ; He, EQ

TI: Detecting Unfavorable Driving States in Electroencephalography Based on a PCA Sample Entropy Feature and Multiple Classification Algorithms

SO: ENTROPY

UT WOS: 000592942100001

JCR 期刊分区:

ENTROPY

impact factor

2.494 2.53

2019 5年

JCR® 类别	类别中的排序	JCR 分区
PHYSICS, MULTIDISCIPLINARY	33/85	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.494

研究领域: Physics

8. **AU:** Liu, HF ; Cao, CD ; Sun, XW ; Zhao, LY ; Cong, C

TI: Magnetostrictive iron-gallium alloy harvester with efficient two-mode AC-DC converting technology for effective vibration energy harvesting

SO: AIP ADVANCES

UT WOS: 000591281800002

JCR 期刊分区:

AIP ADVANCES

impact factor

1.337 1.627

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	252/314	Q4
NANOSCIENCE & NANOTECHNOLOGY	91/103	Q4
PHYSICS, APPLIED	116/155	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.337

研究领域: Science & Technology - Other Topics ； Materials Science ； Physics

9. **AU:** Kong, XX ; Zhou, C ; Wen, BC

TI: Composite synchronization of four exciters driven by induction motors in a vibration system

SO: MECCANICA

UT WOS: 000579239100001

JCR 期刊分区:

MECCANICA

2019 影响因子: 2.153

研究领域: Mechanics

10. AU: Liu, Y ; Liu, WJ ; Zhang, D ; Tian, ZQ ; Sun, XW ; Wei, Z

TI: Experimental investigations into cleaning mechanism of ship shell plant surface involved in dry laser cleaning by controlling laser power

SO: APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING

UT WOS: 000582464000001

JCR 期刊分区:

APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING

2019 影响因子: 1.81

研究领域: Materials Science ； Physics

11. AU: Liu, Y ; Gong, YD ; Liu, WJ ; Sun, XW ; Xu, L

TI: Effect of milling parameters on chip shape and chip morphology for Zr-based bulk metallic glass by using micro-groove milling

SO: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

UT WOS: 000577238700004

JCR 期刊分区:

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

2019 影响因子: 2.633

研究领域: Automation & Control Systems ； Engineering

12. AU: Sun, F ; Hao, YS ; Xu, FC ; Jin, JJ ; Li, Q ; Tong, L ; Zhang, M ; Zhang, XY

TI: Proposal of an Equal-Stiffness and Equal-Stroke 2D Micro-Positioning Platform Driven by Piezoelectric Actuators

SO: ACTUATORS

UT WOS: 000581211400001

JCR 期刊分区:

ACTUATORS

2019 影响因子: 1.957

研究领域: Instruments & Instrumentation

13. AU: Sun, ZQ ; Sanada, K ; Gao, BZ ; Jin, JQ ; Fu, JS ; Huang, LF ; Wu, XL

TI: Improved Decoupling Control for a Powershift Automatic Mechanical Transmission Employing a Model-Based PID Parameter Autotuning Method

SO: ACTUATORS

UT WOS: 000581991000001

JCR 期刊分区:

ACTUATORS

2019 影响因子: 1.957

研究领域: Instruments & Instrumentation

14. AU: Wang, W ; Xu, XW ; Ma, RX ; Xu, GJ ; Liu, WJ ; Xing, F

TI: The Influence of Heat Treatment Temperature on Microstructures and Mechanical Properties of Titanium Alloy Fabricated by Laser Melting Deposition

SO: MATERIALS

UT WOS: 000580208400001

JCR 期刊分区:

MATERIALS

2019 影响因子: 3.057

研究领域: Materials Science

15. AU: Wang, W ; Xu, XW ; Ma, RX ; Xu, GJ ; Liu, WJ ; Xing, F

TI: Measurement of Multi-Component Hydraulic Loads With Compensation of Dynamic Load

SO: IEEE SENSORS JOURNAL

UT WOS: 000597216600026

JCR 期刊分区:

IEEE SENSORS JOURNAL

impact factor

3.073 3.193

2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, ELECTRICAL & ELECTRONIC	91/266	Q2
INSTRUMENTS & INSTRUMENTATION	18/64	Q2
PHYSICS, APPLIED	47/155	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.073

研究领域: Engineering ； Instruments & Instrumentation ； Physics

（二）材料科学与工程学院（32 篇）

1. **AU:** Liang, YM ; Wang, ZJ ; Wu, YJ ; Lin, JL ; Zhang, ZD

TI: Effect of substrate orientation on formation of cluster glass state in epitaxial LaMnO3 thin films

SO: JOURNAL OF ALLOYS AND COMPOUNDS

UT WOS: 000573226900005

JCR 期刊分区:

JOURNAL OF ALLOYS AND COMPOUNDS

impact factor

4.65 4.082

2019 5 年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	51/159	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	81/314	Q2
METALLURGY & METALLURGICAL ENGINEERING	8/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.65

研究领域: Chemistry ； Materials Science ； Metallurgy & Metallurgical Engineering

2. **AU:** Tang, WR ; Liu, Z ; Liu, SM ; Zhou, L ; Mao, PL ; Guo, H ; Sheng, XF

TI: Deformation mechanism of fine grained Mg-7Gd-5Y-1.2Nd-0.5Zr alloy under high temperature and high strain rates

SO: JOURNAL OF MAGNESIUM AND ALLOYS

UT WOS: 000596606700016

JCR 期刊分区:

JOURNAL OF MAGNESIUM AND ALLOYS

impact factor

7.115

2019

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	2/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 7.115

研究领域: Metallurgy & Metallurgical Engineering

3. **AU:** Zhou, Y ; Mao, PL ; Zhou, L ; Wang, Z ; Wang, F ; Liu, Z

TI: Effect of long-period stacking ordered phase on hot tearing susceptibility of Mg-1Zn-xY alloys

SO: JOURNAL OF MAGNESIUM AND ALLOYS

UT WOS: 000596606700019

JCR 期刊分区:

JOURNAL OF MAGNESIUM AND ALLOYS

impact factor
7.115
2019

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	2/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 7.115

研究领域: Metallurgy & Metallurgical Engineering

4. **AU:** Wang, GX ; Mao, PL ; Wang, Z ; Zhou, L ; Wang, F ; Liu, Z

TI: High strain rate deformation mechanism of Mg-2.5Zn-4Y magnesium alloy containing LPSO phase

SO: MATERIALS SCIENCE AND TECHNOLOGY

UT WOS: 000597358200001

JCR 期刊分区:

MATERIALS SCIENCE AND TECHNOLOGY

impact factor
1.835 2.073
2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	210/314	Q3
METALLURGY & METALLURGICAL ENGINEERING	27/79	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.835

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

5. **AU:** Zhang, W ; Li, KL ; Xiang, QC ; Ren, YL ; Li, QF ; Qiu, KQ

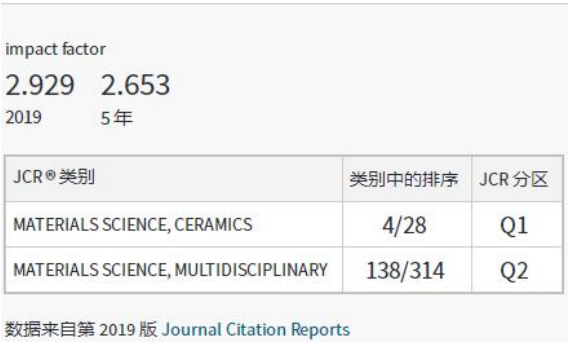
TI: The rejuvenation and relaxation around the glass transition of a Ce-based metallic glass controlled by annealing, quenching and cryogenic treatments

SO: JOURNAL OF NON-CRYSTALLINE SOLIDS

UT WOS: 000576674600005

JCR 期刊分区:

JOURNAL OF NON-CRYSTALLINE SOLIDS



impact factor

2.929 2.653

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, CERAMICS	4/28	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	138/314	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.929

研究领域: Materials Science

6. **AU:** Jiang, PF ; Zhang, CH ; Zhang, S ; Zhang, JB ; Chen, J ; Liu, Y

TI: Fabrication and wear behavior of TiC reinforced FeCoCrAlCu-based high entropy alloy coatings by laser surface alloying

SO: MATERIALS CHEMISTRY AND PHYSICS

UT WOS: 000574889100005

JCR 期刊分区:

MATERIALS CHEMISTRY AND PHYSICS

impact factor

3.408 2.884

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	115/314	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.408

研究领域: Materials Science

7. **AU:** Guo, R ; He, Y ; Wang, RC ; You, JH ; Lin, HJ ; Chen, CT ; Chan, TS ; Liu, XW ; Hu, ZW

TI: Uncovering the role of Ag in layer-alternating Ni3S2/Ag/Ni(3)S(2)as an electrocatalyst with enhanced OER performance

SO: INORGANIC CHEMISTRY FRONTIERS

UT WOS: 000573315100011

JCR 期刊分区:

INORGANIC CHEMISTRY FRONTIERS

impact factor

5.958 5.792

2019 5年

JCR®类别	类别中的排序	JCR 分区
CHEMISTRY, INORGANIC & NUCLEAR	3/45	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 5.958

研究领域: Chemistry

8. **AU:** Li, XX ; Liu, SM ; Liu, Z ; Wang, Y ; Wei, ZQ ; Du, XD ; Wang, Z ; Wang, F

TI: Influence of Nd on Hot Tearing Susceptibility and Mechanism of Mg-Zn-Y-Zr Alloys

SO: JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

UT WOS: 000575769600005

JCR 期刊分区:

JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

impact factor

1.652 1.883

2019 5年

JCR®类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	229/314	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.652

研究领域: Materials Science

9. **AU:** Zhou, G ; Yu, XM ; Li, JL ; Liu, LR ; Chen, LJ ; Guan, L

TI: Study of processing maps of NiTi shape-memory alloy under different instability criteria

SO: PHILOSOPHICAL MAGAZINE LETTERS

UT WOS: 000573321000001

JCR 期刊分区:

PHILOSOPHICAL MAGAZINE LETTERS

impact factor

0.836 1.035

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	275/314	Q4
METALLURGY & METALLURGICAL ENGINEERING	60/79	Q4
PHYSICS, APPLIED	135/155	Q4
PHYSICS, CONDENSED MATTER	60/69	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.836

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering ； Physics

10. AU: Wang, BN ; Wang, F ; Wang, Z ; Zhou, L ; Liu, Z ; Mao, PL

TI: Microstructure and mechanical properties of Mg-Zn-Ca-Zr alloy fabricated by hot extrusion-shearing process

SO: MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING

UT WOS: 000576174900002

JCR 期刊分区:

MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING

impact factor

4.652 4.58

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	80/314	Q2
METALLURGY & METALLURGICAL ENGINEERING	7/79	Q1
NANOSCIENCE & NANOTECHNOLOGY	38/103	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.652

研究领域: Science & Technology - Other Topics ； Materials Science ； Metallurgy & Metallurgical Engineering

11. AU: Xin, FH ; Liu, WH ; Song, L ; Li, YM

TI: Modification of inorganic binder used for sand core-making in foundry practice

SO: CHINA FOUNDRY

UT WOS: 000575408700003

JCR 期刊分区:

2019 影响因子: 0.947

研究领域: Metallurgy & Metallurgical Engineering

12. **AU:** Yu, JC ; Song, B ; Xia, DB ; Zeng, X ; Huang, YD ; Hort, N ; Mao, PL ; Liu, Z

TI: Dynamic tensile properties and microstructural evolution of extruded EW75 magnesium alloy at high strain rates

SO: JOURNAL OF MAGNESIUM AND ALLOYS

UT WOS: 000571358200023

JCR 期刊分区:

2019 影响因子: 7.115

研究领域: Metallurgy & Metallurgical Engineering

13. **AU:** Song, L ; Liu, WH ; Xin, FH ; Li, YM

TI: Effect of Silica Fume on Humidity Resistance of Sodium Silicate Binder for Core-making Process

SO: INTERNATIONAL JOURNAL OF METALCASTING

UT WOS: 000574128300001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF METALCASTING

2019 影响因子: 1.347

研究领域: Metallurgy & Metallurgical Engineering

14. AU: Jin, BQ ; Zhang, NN ; Yu, HS; Hao, DX; Ma, YL

TI: AlxCoCrFeNiSi high entropy alloy coatings with high microhardness and improved wear resistance

SO: SURFACE & COATINGS TECHNOLOGY

UT WOS: 000590183000040

JCR 期刊分区:

INTERNATIONAL JOURNAL OF METALCASTING

2019 影响因子: 1.347

研究领域: Metallurgy & Metallurgical Engineering

15. AU: Song, L ; Liu, WH ; Xin, FH ; Li, YM

TI: "Materials Studio" Simulation Study of the Adsorption and Polymerization Mechanism of Sodium Silicate on Active Silica Surface at Different Temperatures

SO: INTERNATIONAL JOURNAL OF METALCASTING

UT WOS: 000591535800001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF METALCASTING

2019 影响因子: 1.347

研究领域: Metallurgy & Metallurgical Engineering

16. AU: Li, XB ; Dong, X ; Zhao, PX ; Xing, WW ; Ding, LL ; Zhang, NN ; Ma, YC ; Liu, K

TI: Effect of Mg addition on temper embrittlement in 2.25Cr-1Mo steel doped with 0.056% P-Mg segregation behavior at grain boundary

SO: JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL

UT WOS: 000584345600001

JCR 期刊分区:

JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL

2019 影响因子: 1.213

研究领域: Metallurgy & Metallurgical Engineering

17. AU: Li, XB ; Dong, X ; Zhao, PX ; Xing, WW ; Ding, LL ; Zhang, NN ; Ma, YC ; Liu, K

TI: Cyclic Stress Response Behavior of Near beta Titanium Alloy and Deformation Mechanism Associated with Precipitated Phase

SO: METALS

UT WOS: 000593298200001

JCR 期刊分区:

METALS

impact factor

2.117 2.244

2019 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	185/314	Q3
METALLURGY & METALLURGICAL ENGINEERING	18/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.117

研究领域: Metallurgy & Metallurgical Engineering

18. AU: Jiang, GS ; Zhang, XD ; Liu, C ; Ma, H ; Yu, H ; Wang, F

TI: First-principles investigation on the vacancy dependence on the optical and electronic properties of Bi2S3 semiconductor ceramics

SO: VACUUM

UT WOS: 000580600700077

JCR 期刊分区:

VACUUM

impact factor

2.906 2.425

2019 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	141/314	Q2
PHYSICS, APPLIED	55/155	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.906

研究领域: Materials Science ； Physics

19. AU: Wang, Z ; Yao, S ; Cao, GS ; Mao, PL ; Wang, F ; Zhou, L ; Liu, Z

TI: Effect of yttrium addition on dynamic mechanical properties, microstructure, and fracture behavior of extrusion-shear ZC61+xY (x=0, 1, 2, 3) alloys

SO: MATERIALS CHARACTERIZATION

UT WOS: 000583649700001

JCR 期刊分区:

MATERIALS CHARACTERIZATION

impact factor
3.562 3.674
2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, CHARACTERIZATION & TESTING	3/33	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	106/314	Q2
METALLURGY & METALLURGICAL ENGINEERING	9/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.562

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

20. AU: Dong, FY ; Yuan, Y ; Li, WD ; Zhang, Y ; Liaw, PK ; Yuan, XG ; Huang, HJ

TI: Hot deformation behavior and processing maps of an equiatomic MoNbHfZrTi refractory high entropy alloy

SO: INTERMETALLICS

UT WOS: 000579759400012

JCR 期刊分区:

INTERMETALLICS

impact factor
3.398 3.604
2019 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	67/159	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	117/314	Q2
METALLURGY & METALLURGICAL ENGINEERING	12/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.398

研究领域: Chemistry ； Materials Science ； Metallurgy & Metallurgical Engineering

21. AU: Yu, HN ; Liu, SM ; Zhou, L ; Liu, Z ; Wei, ZQ ; Guo, H

TI: Study on Solidification Behavior and Hot Tearing Susceptibility of Mg-2xY-xNi ALLOYS

SO: INTERNATIONAL JOURNAL OF METALCASTING

UT WOS: 000584041500001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF METALCASTING

impact factor

1.347 1.404

2019 5年

JCR®类别	类别中的排序	JCR分区
METALLURGY & METALLURGICAL ENGINEERING	42/79	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.347

研究领域: Metallurgy & Metallurgical Engineering

22. AU: Yu, HN ; Liu, SM ; Zhou, L ; Liu, Z ; Wei, ZQ ; Guo, H

TI: Oxygen vacancy enhanced ferroelectricity in BTO:SRO nanocomposite films

SO: ACTA MATERIALIA

UT WOS: 000577994500002

JCR 期刊分区:

ACTA MATERIALIA

impact factor

7.656 7.826

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	42/314	Q1
METALLURGY & METALLURGICAL ENGINEERING	1/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 7.656

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

23. AU: Jiang, TH ; Zhao, M ; Xiang, Q ; Ren, YL ; Li, QF ; Qiu, KQ

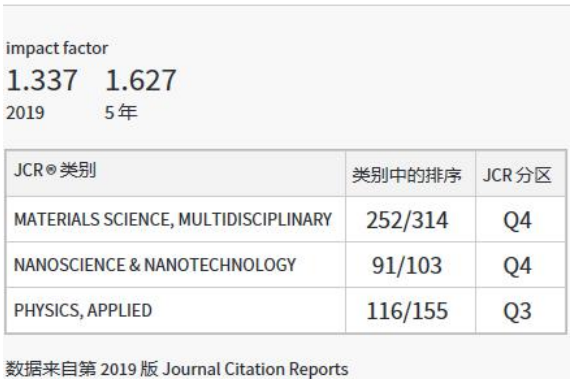
TI: Effect of 1 at.% Cu addition on the soft magnetic properties of FeSiBPC amorphous/nanocrystalline alloys

SO: AIP ADVANCES

UT WOS: 000585816000001

JCR 期刊分区:

AIP ADVANCES



impact factor

1.337 1.627

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	252/314	Q4
NANOSCIENCE & NANOTECHNOLOGY	91/103	Q4
PHYSICS, APPLIED	116/155	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.337

研究领域: Science & Technology - Other Topics ； Materials Science ； Physics

24. AU: Jiang, PF ; Zhang, CH ; Zhang, S ; Zhang, JB ; Chen, J ; Liu, Y

TI: Microstructure evolution, wear behavior, and corrosion performance of alloy steel gradient material fabricated by direct laser deposition

SO: JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T

UT WOS: 000579367500195

JCR 期刊分区:

JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T

impact factor

5.289 5.707

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	69/314	Q1
METALLURGY & METALLURGICAL ENGINEERING	5/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 5.289

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

25. AU: Dai, MZ ; Zhao, DP ; Wu, X

TI: Research progress on transition metal oxide based electrode materials for asymmetric hybrid capacitors

SO: CHINESE CHEMICAL LETTERS

UT WOS: 000582384200003

JCR 期刊分区:

CHINESE CHEMICAL LETTERS

2019 影响因子: 4.632

研究领域: Chemistry

26. AU: Xie, D ; Hu, F ; Yu, X ; Cui, FH ; Song, GH ; Zhu, K

TI: High-performance Na1.25V3O8 nanosheets for aqueous zinc-ion battery by electrochemical induced de-sodium at high voltage

SO: CHINESE CHEMICAL LETTERS

UT WOS: 000582384200019

JCR 期刊分区:

CHINESE CHEMICAL LETTERS

2019 影响因子: 4.632

研究领域: Chemistry

27. AU: Tong, YL ; Liu, HQ ; Dai, MZ ; Xiao, L ; Wu, X

TI: Metal-organic framework derived Co3O4/PPy bifunctional electrocatalysts for efficient overall water splitting

SO: CHINESE CHEMICAL LETTERS

UT WOS: 000582384200023

JCR 期刊分区:

CHINESE CHEMICAL LETTERS

2019 影响因子: 4.632

研究领域: Chemistry

28. **AU:** Wang, W ; Xu, XW ; Ma, RX ; Xu, GJ ; Liu, WJ ; Xing, F

TI: The Influence of Heat Treatment Temperature on Microstructures and Mechanical Properties of Titanium Alloy Fabricated by Laser Melting Deposition

SO: MATERIALS

UT WOS: 000580208400001

JCR 期刊分区:

MATERIALS

2019 影响因子: 3.057

研究领域: Materials Science

29. **AU:** Liu, Y ; Hu, P ; Liu, H ; Wu, X ; Zhi, C

TI: Tetragonal VO2 hollow nanospheres as robust cathode material for aqueous zinc ion batteries

SO: MATERIALS TODAY ENERGY

UT WOS: 000576973600011

JCR 期刊分区:

MATERIALS TODAY ENERGY

impact factor
5.604
2019

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	42/159	Q2
ENERGY & FUELS	23/112	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	65/314	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 5.604

研究领域: Chemistry ； Energy & Fuels ； Materials Science

30. AU: Wang, CY ; Shang, C ; Liu, ZQ ; Xu, GJ ; Liu, XY

TI: Laser additive manufacturing of bimetallic structure from TC4 to IN718 via Ta/Cu multi-interlayer

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000595692800001

JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

impact factor
1.929 1.783
2019 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	203/314	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.929

研究领域: Materials Science

31. AU: Yang, TS ; Su, YH ; Liu, HY ; Dai, ZY ; Liang, XW ; Wu, XG

TI: Corrosion behavior of Inconel 625 deposited metal in molten KCl-MgCl2

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000595245700001

JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

impact factor
1.929 1.783
2019 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	203/314	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.929

研究领域: Materials Science

32. AU: Fu, XQ ; Liu, SM ; Zhou, L; Liu, Z ; Wei, ZQ ; Guo, H

TI: Study on the Coupling Behavior and Micro-Mechanism of Solidification and Hot Tearing of Mg-xZn-2xGd Alloys

SO: INTERNATIONAL JOURNAL OF METALCASTING

UT WOS: 000594828000001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF METALCASTING

impact factor

1.347	1.404
2019	5年

JCR®类别	类别中的排序	JCR分区
METALLURGY & METALLURGICAL ENGINEERING	42/79	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.347

研究领域: Metallurgy & Metallurgical Engineering

（三） 电气工程学院（3 篇）

1. **AU:** Yu, ZY ; Li, Y ; Jing, YT ; Du, JM ; Wang, ZC

TI: Analytical model for magnetic field calculation of SPMSM with chamfered pole considering iron core saturation

SO: IET ELECTRIC POWER APPLICATIONS

UT WOS: 000575110500012

JCR 期刊分区:

IET ELECTRIC POWER APPLICATIONS

impact factor

2.834 2.926

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	104/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.834

研究领域: Engineering

2. **AU:** Zhao, HS ; Eldeeb, HH ; Zhan, Y ; Ren, ZY ; Xu, GR ; Mohammed, OA

TI: Robust Electromagnetic Design of Double-Canned IM for Submergible Rim Driven Thrusters to Reduce Losses and Vibration

SO: IEEE TRANSACTIONS ON ENERGY CONVERSION

UT WOS: 000594377000035

JCR 期刊分区:

IEEE TRANSACTIONS ON ENERGY CONVERSION

impact factor

4.501 4.917

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENERGY & FUELS	38/112	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	43/266	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.501

研究领域: Energy & Fuels ； Engineering

3. **AU:** Zhang, ZH ; An, YJ ; Li, M ; Wang, GY ; Kong, XL ; Deng, WY ; Qi, LJ

TI: Influence of Asymmetrical Stator Axes on the Performance and Multi-Physical Field of Canned Permanent Magnet Machine for Vacuum Dry Pump With Vector Converter Supply

SO: IEEE TRANSACTIONS ON ENERGY CONVERSION

UT WOS: 000594377000043

JCR 期刊分区:

IEEE TRANSACTIONS ON ENERGY CONVERSION

impact factor
4.501 4.917
2019 5年

JCR®类别	类别中的排序	JCR分区
ENERGY & FUELS	38/112	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	43/266	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.501

研究领域: Energy & Fuels ； Engineering

4. **AU:** Tong, WM ; Dai, SH ; Li, SQ ; Li, JS ; Tang, RY

TI: Modeling and Analysis of Axial Flux Permanent Magnet Machines With Coexistence of Rotor Radial Deviation and Angular Eccentricity

SO: IEEE TRANSACTIONS ON ENERGY CONVERSION

UT WOS: 000594377000048

JCR 期刊分区:

IEEE TRANSACTIONS ON ENERGY CONVERSION

impact factor
4.501 4.917
2019 5年

JCR®类别	类别中的排序	JCR分区
ENERGY & FUELS	38/112	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	43/266	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.501

研究领域: Energy & Fuels ； Engineering

5. **AU:** Tong, WM ; Li, SQ ; Pan, XL ; Wu, SN ; Tang, RY

TI: Analytical Model for Cogging Torque Calculation in Surface-Mounted Permanent Magnet Motors With Rotor Eccentricity and Magnet Defects

SO: IEEE TRANSACTIONS ON ENERGY CONVERSION

UT WOS: 000594377000049

JCR 期刊分区:

IEEE TRANSACTIONS ON ENERGY CONVERSION

impact factor
4.501 4.917
2019 5年

JCR®类别	类别中的排序	JCR分区
ENERGY & FUELS	38/112	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	43/266	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.501

研究领域: Energy & Fuels ； Engineering

6. **AU:** Ren, ZY ; Ma, JG ; Qi, YL ; Zhang, DH ; Koh, CS

TI: Managing Uncertainties of Permanent Magnet Synchronous Machine by Adaptive Kriging Assisted Weight Index Monte Carlo Simulation Method

SO: IEEE TRANSACTIONS ON ENERGY CONVERSION

UT WOS: 000594377000046

JCR 期刊分区:

IEEE TRANSACTIONS ON ENERGY CONVERSION

impact factor
4.501 4.917
2019 5年

JCR®类别	类别中的排序	JCR分区
ENERGY & FUELS	38/112	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	43/266	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.501

研究领域: Energy & Fuels ； Engineering

7. **AU:** Jin, HY ; Zhao, XM ; Wang, TH

TI: Modified complementary sliding mode control with disturbance compensation for permanent magnet linear synchronous motor servo system

SO: IET ELECTRIC POWER APPLICATIONS

UT WOS: 000595645900015

JCR 期刊分区:

IET ELECTRIC POWER APPLICATIONS

impact factor

2.834 2.926

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	104/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.834

研究领域: Engineering

8. **AU:** Li, M ; An, YJ ; Zhang, ZH ; Deng, WY ; Wang, GY ; Qi, LJ ; Kong, XL ; Bi, DL

TI: Effect of time-harmonic current on the harmonic leakage inductance of fractional slot concentrated winding permanent magnet synchronous motor

SO: IET ELECTRIC POWER APPLICATIONS

UT WOS: 000595645900011

JCR 期刊分区:

IET ELECTRIC POWER APPLICATIONS

impact factor

2.834 2.926

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	104/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.834

研究领域: Engineering

9. **AU:** Gu, DK ; Zhang, DW ; Liu, YD

TI: Robust Parametric Control of Lorenz System via State Feedback

SO: COMPLEXITY

UT WOS: 000597937600001

JCR 期刊分区:

COMPLEXITY

impact factor

2.462 2.474

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	28/106	Q2
MULTIDISCIPLINARY SCIENCES	31/71	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.462

研究领域: Mathematics ； Science & Technology - Other Topics

10. **AU:** Lv, S ; Zong, M ; Yu, SY

TI: Design and analysis of a novel overload current estimation method for traditional miniature circuit breaker

SO: IET ELECTRIC POWER APPLICATIONS

UT WOS: 000575110500016

JCR 期刊分区:

IET ELECTRIC POWER APPLICATIONS

impact factor

2.834 2.926

2019 5年

JCR®类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	104/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.834

研究领域: Engineering

11. **AU:** Yu, ZY ; Li, Y ; Jing, YT ; Du, JM ; Wang, J

TI: An Improved Subdomain Model for Magnetic Field Calculation of SPMSM Considering No-load Leakage Flux

SO: JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

UT WOS: 000573762600002

JCR 期刊分区:

JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

impact factor

0.736 0.681

2019 5年

JCR®类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	238/266	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.736

研究领域: Engineering

12. **AU:** Lyu, S ; Zong, M

TI: An electrothermal current prediction method for overload protection of miniature circuit breakers

SO: TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES

UT WOS: 000576678700011

JCR 期刊分区:

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES

impact factor

0.682 0.703

2019 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	129/137	Q4
ENGINEERING, ELECTRICAL & ELECTRONIC	242/266	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.682

研究领域: Computer Science ； Engineering

13. **AU:** Song, DQ ; Chen, Z ; Dong, LH ; Tang, GJ ; Zhang, KL ; Wang, H

TI: Monitoring analysis of influence of extra-large complex deep foundation pit on adjacent environment: a case study of Zhengzhou City, China

SO: GEOMATICS NATURAL HAZARDS & RISK

UT WOS: 000576465200001

JCR 期刊分区:

GEOMATICS NATURAL HAZARDS & RISK

impact factor

3.333 3.046

2019 5年

JCR® 类别	类别中的排序	JCR 分区
GEOSCIENCES, MULTIDISCIPLINARY	45/200	Q1
METEOROLOGY & ATMOSPHERIC SCIENCES	32/93	Q2
WATER RESOURCES	17/94	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.333

研究领域: Geology ； Meteorology & Atmospheric Sciences ； Water Resources

14. **AU:** Gan, BP ; Zhang, BY ; Li, QS ; Feng, GH ; Li, GK

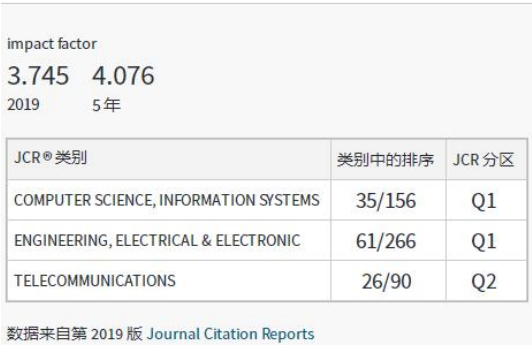
TI: Research on Operation of Low-Speed and High-Torque Module Combined Stator Permanent Magnetic Fault-Tolerant Motor With Unequal Span Winding

SO: IEEE ACCESS

UT WOS: 000572946900001

JCR 期刊分区:

IEEE ACCESS



impact factor
3.745 4.076
2019 5年

JCR®类别	类别中的排序	JCR分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

15. AU: Li, SL ; Li, DJ ; Yuan, WQ

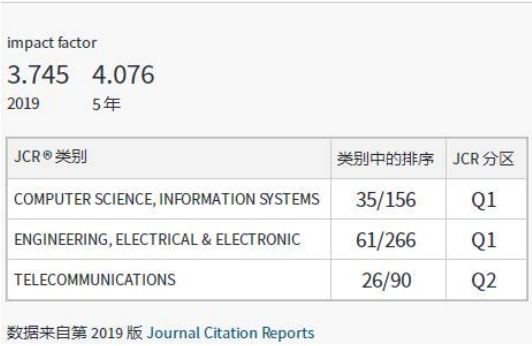
TI: Wood Defect Classification Based on Two-Dimensional Histogram Constituted by LBP and Local Binary Differential Excitation Pattern

SO: IEEE ACCESS

UT WOS: 000560228000225

JCR 期刊分区:

IEEE ACCESS



impact factor
3.745 4.076
2019 5年

JCR®类别	类别中的排序	JCR分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

16. AU: Si, N ; Su, X ; Meng, J ; Miao, HL ; Zhang, YL ; Jiang, W

TI: Magnetic properties of decorated 2D kagome-like lattice

SO: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS

UT WOS: 000580429800041

JCR 期刊分区:

PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS

impact factor
2.924 2.625
2019 5年

JCR®类别	类别中的排序	JCR分区
PHYSICS, MULTIDISCIPLINARY	27/85	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.442

研究领域: Physics

17. **AU:** Zhang, ZF ; Wu, Y ; Qi, SY

TI: Diagnosis method for open-circuit faults of six-phase permanent magnet synchronous motor drive system

SO: IET POWER ELECTRONICS

UT WOS: 000591720700010

JCR 期刊分区:

IET POWER ELECTRONICS

impact factor

2.672 2.861

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	113/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.672

研究领域: Engineering

18. **AU:** Xia, B ; Liu, R ; He, ZW ; Koh, CS

TI: A Single- and Multi-objective Optimization Algorithm for Electromagnetic Devices Assisted by Adaptive Kriging Based on Parallel Infilling Strategy

SO: JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

UT WOS: 000589458800001

JCR 期刊分区:

JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

impact factor

0.736 0.681

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	238/266	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.736

研究领域: Engineering

19. **AU:** Zhang, GF ; Yang, JY ; Wang, HX ; Cui, J

TI: Presynchronous Grid-Connection Strategy of Virtual Synchronous Generator Based on Virtual Impedance

SO: MATHEMATICAL PROBLEMS IN ENGINEERING

UT WOS: 000593746800008

JCR 期刊分区:

MATHEMATICAL PROBLEMS IN ENGINEERING

impact factor

1.009 0.986

2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MULTIDISCIPLINARY	67/91	Q3
MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	77/106	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.009

研究领域: Engineering ； Mathematics

20. **AU:** Zhao, HC ; Liu, XM ; Chen, H ; Li, PY ; Jiang, WT

TI: Reconstruction of Current Density Distribution in Low-Voltage Switching Devices Through TSVD and TGSVD Regularization

SO: IEEE TRANSACTIONS ON PLASMA SCIENCE

UT WOS: 000589269300025

JCR 期刊分区:

IEEE TRANSACTIONS ON PLASMA SCIENCE

impact factor

1.309 1.225

2019 5年

JCR®类别	类别中的排序	JCR分区
PHYSICS, FLUIDS & PLASMAS	24/34	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.309

研究领域: Physics

21. **AU:** Cai, XJ ; Lin, X ; Yu, JL ; Lu, ZW

TI: Modeling of space charge dynamics in polyethylene under AC stress based on bipolar charge transport model

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000589115500001

JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

2019 影响因子: 1.929

研究领域: Materials Science

22. **AU:** Liu, Y ; Zhang, HG ; Yu, R ; Xing, ZX

TI: H-infinity Tracking Control of Discrete-Time System With Delays via Data-Based Adaptive Dynamic Programming

SO: IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS

UT WOS: 000578826300013

JCR 期刊分区:

IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS

2019 影响因子: 9.309

研究领域: Materials Science

23. **AU:** Qi, L ; Zong, M ; Wang, XJ

TI: Eliminating the contact bounce of AC contactor based on speed feedback

SO: INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS

UT WOS: 000583528300001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS

2019 影响因子: 1.581

研究领域: Engineering

24. **AU:** Zhao, HC ; Yan, N ; Xing, ZX ; Chen, L ; Jiang, LB

TI: Thermal Calculation and Experimental Investigation of Electric Heating and Solid Thermal Storage System

SO: ENERGIES

UT WOS: 000586816800001

JCR 期刊分区:

ENERGIES

impact factor

2.702 2.822

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENERGY & FUELS	63/112	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.702

研究领域: Energy & Fuels

25. **AU:** Lv, S ; Zong, M

TI: A Novel Current Calculation Method Based on Temperature Rise of Current-Carrying Conductor

SO: MATHEMATICAL PROBLEMS IN ENGINEERING

UT WOS: 000578379400002

JCR 期刊分区:

MATHEMATICAL PROBLEMS IN ENGINEERING

impact factor

1.009 0.986

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, MULTIDISCIPLINARY	67/91	Q3
MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	77/106	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.009

研究领域: Engineering ； Mathematics

26. **AU:** Cui, D ; Xu, F ; Ge, WC ; Huang, PX ; Zhou, YH

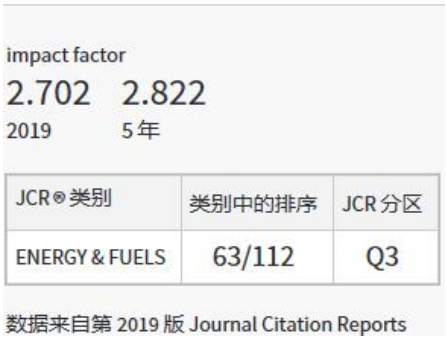
TI: A Coordinated Dispatching Model Considering Generation and Operation Reserve in Wind Power-Photovoltaic-Pumped Storage System

SO: ENERGIES

UT WOS: 000580844400001

JCR 期刊分区:

ENERGIES



2019 影响因子: 2.702

研究领域: Energy & Fuels

27. AU: Zhang, JX ; Zhang, BY ; Feng, GH

TI: Influence of Introducing the Rotor MMF Harmonic on Torque Performance of Spoke Type Permanent Magnet Motor With FSCW

SO: IEEE ACCESS

UT WOS: 000590308700001

JCR 期刊分区:

IEEE ACCESS

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

28. AU: Zhu, HM ; Yuan, S ; Li, CL

TI: Stochastic Economic Dispatching Strategy of the Active Distribution Network Based on Comprehensive Typical Scenario Set

SO: IEEE ACCESS

UT WOS: 000590305900001

JCR 期刊分区:

IEEE ACCESS

impact factor
3.745 4.076
2019 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

29. AU: Xu, YY ; Zhang, BY ; Feng, GH

TI: Analysis of Unwinding Stator Module Combined Permanent Magnet Synchronous Machine

SO: IEEE ACCESS

UT WOS: 000584850400001

JCR 期刊分区:

IEEE ACCESS

impact factor
3.745 4.076
2019 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

30. AU: Zhang, JX ; Zhang, BY ; Feng, GH ; Gan, BP

TI: Design and Analysis of a Low-Speed and High-Torque Dual-Stator Permanent Magnet Motor With Inner Enhanced Torque

SO: IEEE ACCESS

UT WOS: 000577879200001

JCR 期刊分区:

IEEE ACCESS

impact factor
3.745 4.076
2019 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

31. AU: Li, SL ; Li, DJ ; Yuan, WQ

TI: Wood Defect Classification Based on Two-Dimensional Histogram Constituted by LBP and Local Binary Differential Excitation Pattern

SO: IEEE ACCESS

UT WOS: 000498819700001

JCR 期刊分区:

IEEE ACCESS

impact factor
3.745 4.076
2019 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

（四）信息科学与工程学院（13 篇）

1. **AU:** Yu, H ; Cao, S ; Youssef, SS ; Ma, YJ ; Lei, JF ; Qi, Y ; Hu, QM ; Yang, R

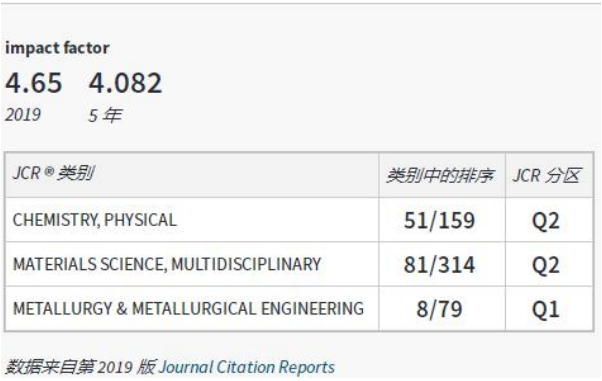
TI: Generalized stacking fault energies and critical resolved shear stresses of random alpha-Ti-Al alloys from first-principles calculations

SO: JOURNAL OF ALLOYS AND COMPOUNDS

UT WOS: 000573235300001

JCR 期刊分区:

JOURNAL OF ALLOYS AND COMPOUNDS



impact factor

4.65 4.082

2019 5 年

JCR ® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	51/159	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	81/314	Q2
METALLURGY & METALLURGICAL ENGINEERING	8/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.65

研究领域: Chemistry ； Materials Science ； Metallurgy & Metallurgical Engineering

2. **AU:** Liu, B ; Liu, ZQ ; Wang, D ; He, LY ; Ma, ZY

TI: Research on stress detection technology of long-distance oil and gas pipeline based on magnetomechanics characteristics

SO: IET SCIENCE MEASUREMENT & TECHNOLOGY

UT WOS: 000595646100007

JCR 期刊分区:

IET SCIENCE MEASUREMENT & TECHNOLOGY

impact factor

1.975 1.774

2019 5 年

JCR ® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	142/266	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.975

研究领域: Engineering

3. **AU:** Yue, XH ; Xi, MZ ; Chen, B ; Gao, MC ; He, Y ; Xu, J

TI: A Revocable Group Signatures Scheme to Provide Privacy-Preserving Authentications

SO: MOBILE NETWORKS & APPLICATIONS

UT WOS: 000574112900001

JCR 期刊分区:

MOBILE NETWORKS & APPLICATIONS

impact factor

2.602 2.76

2019 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, HARDWARE & ARCHITECTURE	21/53	Q2
COMPUTER SCIENCE, INFORMATION SYSTEMS	74/156	Q2
TELECOMMUNICATIONS	45/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.602

研究领域: Computer Science； Telecommunications

4. **AU:** Liu, X ; Ma, KL ; Wang, YC ; Wu, ML ; Lee, JH ; Jin, XS

TI: A Novel High Schottky Barrier Based Bilateral Gate and Assistant Gate Controlled Bidirectional Tunnel Field Effect Transistor

SO: IEEE JOURNAL OF THE ELECTRON DEVICES SOCIETY

UT WOS: 000572616200005

JCR 期刊分区:

IEEE JOURNAL OF THE ELECTRON DEVICES SOCIETY

impact factor

2.555 2.793

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	119/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.555

研究领域: Engineering

5. **AU:** Liu, Z ; Zheng, ZY ; Guo, XW ; Qi, L ; Gui, J ; Fu, DZ ; Yao, QF ; Jin, LY

TI: AttentiveHerb: A Novel Method for Traditional Medicine Prescription Generation

SO: IEEE ACCESS

UT WOS: 000498810100001

JCR 期刊分区:

IEEE ACCESS

impact factor

3.745 4.076

2019 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

6. **AU:** Yan, H ; Wang, Y ; Wang, YF ; Zhou, YG

TI: An ECT image reconstruction algorithm based on object-and-background adaptive regularization

SO: MEASUREMENT SCIENCE AND TECHNOLOGY

UT WOS: 000587067700001

JCR 期刊分区:

MEASUREMENT SCIENCE AND TECHNOLOGY

impact factor

1.857 1.862

2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MULTIDISCIPLINARY	43/91	Q2
INSTRUMENTS & INSTRUMENTATION	32/64	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.857

研究领域: Engineering ； Instruments & Instrumentation

7. **AU:** Hou, CM ; Wang, SX ; Lv, RH ; Huang, YS ; Tian, Z ; Mu, YZ ; Chen, XY

TI: Decreasing Surface Roughness of Microchannels CO2 Laser Cut into Polystyrene (PS) to Produce Microfluidic Chips by Optimizing Operating Parameters

SO: LASERS IN ENGINEERING

UT WOS: 000581906500006

JCR 期刊分区:

LASERS IN ENGINEERING

impact factor

0.538 0.392

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	299/314	Q4
OPTICS	92/97	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.538

研究领域: Materials Science ； Optics

8. **AU:** Jiang, GS ; Zhang, XD ; Liu, C ; Ma, H ; Yu, H ; Wang, F

TI: First-principles investigation on the vacancy dependence on the optical and electronic properties of Bi2S3 semiconductor ceramics

SO: VACUUM

UT WOS: 000580600700077

JCR 期刊分区:

VACUUM

impact factor
2.906 2.425
2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	141/314	Q2
PHYSICS, APPLIED	55/155	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.906

研究领域: Materials Science ； Physics

9. **AU:** Wu, ML ; Wu, ZY ; Jin, XS ; Lee, JH

TI: A Highly Sensitive FET-Type Humidity Sensor with Inkjet-Printed Pt-In(2)O(3)Nanoparticles at Room Temperature

SO: NANOSCALE RESEARCH LETTERS

UT WOS: 000581763200002

JCR 期刊分区:

NANOSCALE RESEARCH LETTERS

impact factor
3.578 3.558
2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	104/314	Q2
NANOSCIENCE & NANOTECHNOLOGY	49/103	Q2
PHYSICS, APPLIED	38/155	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.578

研究领域: Science & Technology - Other Topics ； Materials Science ； Physics

10. **AU:** Tan, YY ; Zhou, MC ; Zhang, Y ; Guo, XW ; Qi, L ; Wang, YH

TI: Hybrid Scatter Search Algorithm for Optimal and Energy-Efficient Steelmaking-Continuous Casting

SO: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING

UT WOS: 000579640900013

JCR 期刊分区:

IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING

impact factor

2019	5年
4.938	5.062

JCR®类别	类别中的排序	JCR分区
AUTOMATION & CONTROL SYSTEMS	13/63	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.938

研究领域: Automation & Control Systems

11. AU: Tan, YY ; Zhou, MC ; Zhang, Y ; Guo, XW ; Qi, L ; Wang, YH

TI: Preliminary Research of Chaotic Characteristics and Prediction of Short-Term Wind Speed Time Series

SO: INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS

UT WOS: 000577337300015

JCR 期刊分区:

INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS

impact factor

2019	5年
2.469	2.084

JCR®类别	类别中的排序	JCR分区
MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	27/106	Q2
MULTIDISCIPLINARY SCIENCES	30/71	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.469

研究领域: Mathematics ； Science & Technology - Other Topics

12. AU: Sun, Y ; Ye, N ; Wang, DD ; Du, ZZ ; Bai, S ; Yoshida, T

TI: An Improved Method for Estimating Core Size Distributions of Magnetic Nanoparticles via Magnetization Harmonics

SO: NANOMATERIALS

UT WOS: 000580271500001

JCR 期刊分区:

NANOMATERIALS

impact factor

4.324 4.514

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	89/314	Q2
NANOSCIENCE & NANOTECHNOLOGY	42/103	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.324

研究领域: Science & Technology - Other Topics ； Materials Science

13. **AU:** Yang, LJ ; Zhang, J ; Xing, YH ; Gao, SW ; Xie, Z ; Fu, HW

TI: Development of a biaxial grid-coil-type electromagnetic acoustic transducer

SO: MEASUREMENT SCIENCE AND TECHNOLOGY

UT WOS: 000595758900001

JCR 期刊分区:

MEASUREMENT SCIENCE AND TECHNOLOGY

impact factor

1.857 1.862

2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MULTIDISCIPLINARY	43/91	Q2
INSTRUMENTS & INSTRUMENTATION	32/64	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.857

研究领域: Engineering ； Instruments & Instrumentation

（五）管理学院（6 篇）

1. **AU:** Wang, HJ ; Shu, CH

TI: Leveraging Innovation Resources for Modular Products under Open Innovation Scenarios Using Fuzzy Distance Method

SO: DISCRETE DYNAMICS IN NATURE AND SOCIETY

UT WOS: 000576134100002

JCR 期刊分区:

DISCRETE DYNAMICS IN NATURE AND SOCIETY

impact factor

0.87 0.8

2019 5年

JCR®类别	类别中的排序	JCR分区
MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	86/106	Q4
MULTIDISCIPLINARY SCIENCES	52/71	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.87

研究领域: Mathematics ； Science & Technology - Other Topics

2. **AU:** Wang, HJ ; Shu, CH

TI: Constructing a Sustainable Collaborative Innovation Network for Global Manufacturing Firms: A Product Modularity View and a Case Study From China

SO: IEEE ACCESS

UT WOS: 000575898900001

JCR 期刊分区:

IEEE ACCESS

impact factor

3.745 4.076

2019 5年

JCR®类别	类别中的排序	JCR分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

3. **AU:** Hou, Q ; Guan, Y ; Yu, S

TI: Stochastic Differential Game Model Analysis of Emission-Reduction Technology Under Cost-Sharing Contracts in the Carbon Trading Market

SO: IEEE ACCESS

UT WOS: 000572935400001

JCR 期刊分区:

IEEE ACCESS

impact factor

3.745 4.076

2019 5年

JCR®类别	类别中的排序	JCR分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	35/156	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	61/266	Q1
TELECOMMUNICATIONS	26/90	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

4. **AU:** Jiang, Y ; He, T ; Xiong, J ; Wu, X ; Chen, Y

TI: Parallel Machine Production and Transportation Operations' Scheduling with Tight Time Windows

SO: COMPLEXITY

UT WOS: 000583239500002

JCR 期刊分区:

COMPLEXITY

impact factor

2.462 2.474

2019 5年

JCR®类别	类别中的排序	JCR分区
MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	28/106	Q2
MULTIDISCIPLINARY SCIENCES	31/71	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.462

研究领域: Mathematics ； Science & Technology - Other Topics

5. **AU:** Yan, Y ; Tsydypova, A ; Zhang, YY

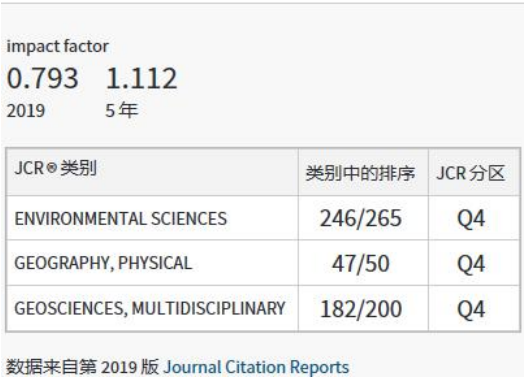
TI: Evaluation of Marine Economic Efficiency of China's Coastal Provinces Based on DEA Model

SO: JOURNAL OF COASTAL RESEARCH

UT WOS: 000589340200082

JCR 期刊分区:

JOURNAL OF COASTAL RESEARCH



2019 影响因子: 0.793

研究领域: Environmental Sciences & Ecology ； Physical Geography ； Geology

6. **AU:** Liu, LN ; Xu, W ; Zhang, YY ; Wu, TT

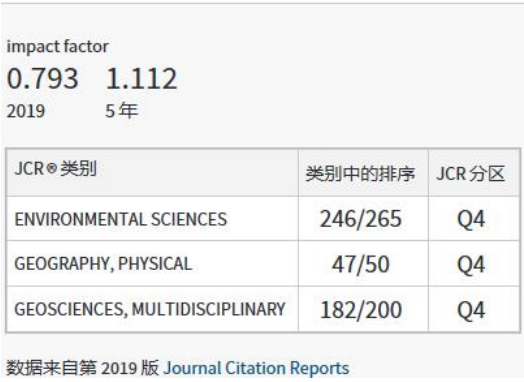
TI: Evolutionary Game Model of Coastal Logistics Parks and Logistics Companies

SO: JOURNAL OF COASTAL RESEARCH

UT WOS: 000589340200125

JCR 期刊分区:

JOURNAL OF COASTAL RESEARCH



2019 影响因子: 0.793

研究领域: Environmental Sciences & Ecology ； Physical Geography ； Geology

（六）理学院（7 篇）

1. **AU:** Bai, YW ; Shi, GM ; Gao, J ; Shi, FN

TI: Synthesis, crystal structure of a iron-manganese bimetal MOF and its graphene composites with enhanced microwave absorption properties

SO: JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS

UT WOS: 000586405300047

JCR 期刊分区:

JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS

impact factor

3.442 2.814

2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, MULTIDISCIPLINARY	62/177	Q2
PHYSICS, CONDENSED MATTER	24/69	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.442

研究领域: Chemistry ； Physics

2. **AU:** Si, N ; Su, X ; Meng, J ; Miao, HL ; Zhang, YL ; Jiang, W

TI: Magnetic properties of decorated 2D kagome-like lattice

SO: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS

UT WOS: 000580429800041

JCR 期刊分区:

PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS

impact factor

2.924 2.625

2019 5年

JCR®类别	类别中的排序	JCR分区
PHYSICS, MULTIDISCIPLINARY	27/85	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.442

研究领域: Physics

3. **AU:** Olivares, RDO ; Okoye, PU ; Ituna-Yudonago, JF ; Njoku, CN ; Hameed, BH ; Song, W ; Li, SX ; Longoria, A ; Sebastian, PJ

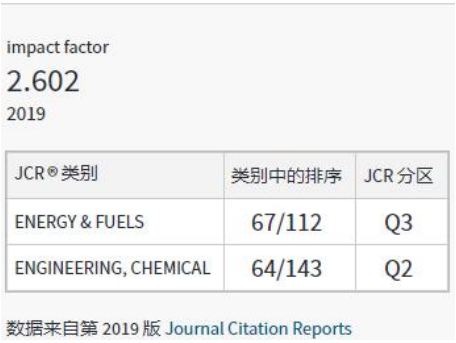
TI: Valorization of biodiesel byproduct glycerol to glycerol carbonate using highly reusable apatite-like catalyst derived from waste Gastropoda Mollusca

SO: BIOMASS CONVERSION AND BIOREFINERY

UT WOS: 000591959400003

JCR 期刊分区:

BIOMASS CONVERSION AND BIOREFINERY



impact factor
2.602
2019

JCR® 类别	类别中的排序	JCR 分区
ENERGY & FUELS	67/112	Q3
ENGINEERING, CHEMICAL	64/143	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.602

研究领域: Energy & Fuels ； Engineering

4. **AU:** Bao, XK ; Shi, GM ; Wang, XL ; Li, Q ; Shi, FN ; Li, ST

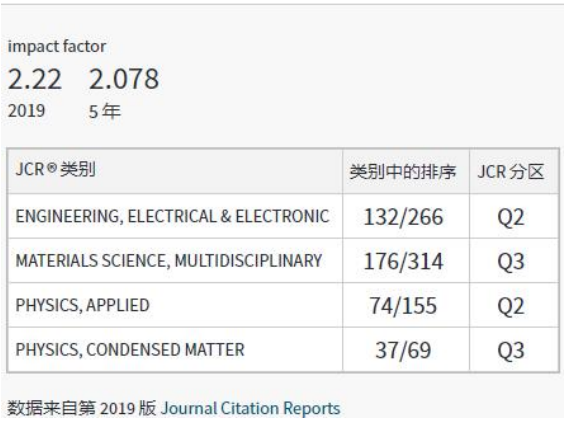
TI: Effect of nitrogen-doping content on microwave absorption performances of Ni@NC nanocapsules

SO: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

UT WOS: 000590932300001

JCR 期刊分区:

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS



impact factor
2.22 2.078
2019 5 年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	132/266	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	176/314	Q3
PHYSICS, APPLIED	74/155	Q2
PHYSICS, CONDENSED MATTER	37/69	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.22

研究领域: Engineering ； Materials Science ； Physics

5. **AU:** Jiang, GS ; Zhang, XD ; Liu, C ; Ma, H ; Yu, H ; Wang, F

TI: First-principles investigation on the vacancy dependence on the optical and electronic properties of Bi2S3 semiconductor ceramics

SO: VACUUM

UT WOS: 000580600700077

JCR 期刊分区:

VACUUM

impact factor
2.906 2.425
2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	141/314	Q2
PHYSICS, APPLIED	55/155	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.906
研究领域: Materials Science ； Physics

6. **AU:** Sun, L ; Wang, W ; Li, Q ; Wang, F ; Wu, HJ
TI: Study on magnetic behaviors in a diluted ferrimagnetic Ising graphene nanoribbon
SO: SUPERLATTICES AND MICROSTRUCTURES
UT WOS: 000582803100017
JCR 期刊分区:

SUPERLATTICES AND MICROSTRUCTURES

impact factor
2.12 2.1
2019 5年

JCR®类别	类别中的排序	JCR分区
PHYSICS, CONDENSED MATTER	38/69	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.12
研究领域: Physics

7. **AU:** Sun, L ; Wang, W
TI: Dynamic magnetic properties of Ising graphene-like monolayer
SO: COMMUNICATIONS IN THEORETICAL PHYSICS
UT WOS: 000583352200001
JCR 期刊分区:

COMMUNICATIONS IN THEORETICAL PHYSICS

impact factor
1.322 1.036
2019 5年

JCR®类别	类别中的排序	JCR分区
PHYSICS, MULTIDISCIPLINARY	55/85	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.322

研究领域: Physics

（七）建筑与土木工程学院（5 篇）

1. **AU:** Zhang, WF ; Gu, XW ; Qiu, JP ; Liu, JP ; Zhao, YQ ; Li, XH

TI: Effects of iron ore tailings on the compressive strength and permeability of ultra-high performance concrete

SO: CONSTRUCTION AND BUILDING MATERIALS

UT WOS: 000573924900001

JCR 期刊分区:

CONSTRUCTION AND BUILDING MATERIALS

impact factor

4.419 5.036

2019 5年

JCR® 类别	类别中的排序	JCR 分区
CONSTRUCTION & BUILDING TECHNOLOGY	10/63	Q1
ENGINEERING, CIVIL	11/134	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	86/314	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.419

研究领域: Construction & Building Technology ； Engineering ； Materials Science

2. **AU:** Yang, ZH ; Yuan, KP ; Meng, J ; Hu, M

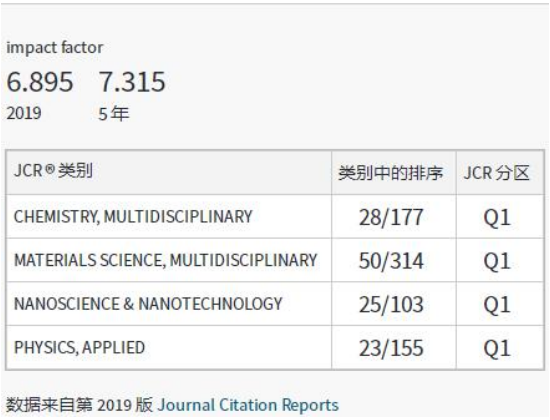
TI: Electric field tuned anisotropic to isotropic thermal transport transition in monolayer borophene without altering its atomic structure

SO: NANOSCALE

UT WOS: 000574599500013

JCR 期刊分区:

NANOSCALE



impact factor

6.895 7.315

2019 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	28/177	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	50/314	Q1
NANOSCIENCE & NANOTECHNOLOGY	25/103	Q1
PHYSICS, APPLIED	23/155	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 6.895

研究领域: Chemistry ； Science & Technology - Other Topics ； Materials Science ； Physics

3. **AU:** Yang, ZH ; Yuan, KP ; Meng, J ; Zhang, XL ; Tang, DW ; Hu, M

TI: Why thermal conductivity of CaO is lower than that of CaS: a study from the perspective of phonon splitting of optical mode

SO: NANOTECHNOLOGY

UT WOS: 000577205100001

JCR 期刊分区:

NANOTECHNOLOGY

impact factor

3.551 3.392

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	109/314	Q2
NANOSCIENCE & NANOTECHNOLOGY	51/103	Q2
PHYSICS, APPLIED	40/155	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.551

研究领域: Science & Technology - Other Topics ； Materials Science ； Physics

4. **AU:** Yao, YD ; Liu, GL

TI: Electronic theoretical study on the influence of shear deformation on the electronic structure and optical properties of Li absorbed silicene

SO: JOURNAL OF MOLECULAR STRUCTURE

UT WOS: 000587468000027

JCR 期刊分区:

JOURNAL OF MOLECULAR STRUCTURE

impact factor

2.463 2.121

2019 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	92/159	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.463

研究领域: Chemistry

5. **AU:** Liu, X ; Yang, J ; Xu, ZY ; Guo, LJ ; Tang, HL

TI: Experimental Investigations on Crack Propagation Characteristics of Granite Rectangle Plate with a Crack (GRPC) under Different Blast Loading Rates

SO: SHOCK AND VIBRATION

UT WOS: 000595355100002

JCR 期刊分区:

SHOCK AND VIBRATION

impact factor

1.298	1.552
2019	5年

JCR® 类别	类别中的排序	JCR 分区
ACOUSTICS	20/32	Q3
ENGINEERING, MECHANICAL	99/130	Q4
MECHANICS	102/136	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.298

研究领域: Acoustics ； Engineering ； Mechanics

（八）软件学院（1 篇）

1. **AU:** Song, XX ; Wang, B ; Yang, XC ; Qin, J ; Zhao, L ; Niu, LQ
   TI: SGEQ: A New Social Group Enlarging Query With Size Constraints
   SO: CRYSTENGCOMM
   UT WOS: 000589186500001
   JCR 期刊分区:

CRYSTENGCOMM

impact factor

3.117	2.933
2019	5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	74/177	Q2
CRYSTALLOGRAPHY	7/26	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.117

研究领域: Chemistry ； Crystallography

（九）环境与化学工程学院（4 篇）

1. **AU:** Wang, XL ; Geng, QY ; Shi, GM ; Zhang, YJ ; Li, D

TI: MOF-derived yolk-shell Ni/C architectures assembled with Ni@C core-shell nanoparticles for lightweight microwave absorbents

SO: CRYSTENGCOMM

UT WOS: 000583363700005

JCR 期刊分区:

CRYSTENGCOMM

impact factor

3.117 2.933

2019 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	74/177	Q2
CRYSTALLOGRAPHY	7/26	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.117

研究领域: Chemistry ； Crystallography

2. **AU:** Wang, XL ; Geng, QY ; Shi, GM ; Zhang, YJ ; Li, D

TI: MOF-derived yolk-shell Ni/C architectures assembled with Ni@C core-shell nanoparticles for lightweight microwave absorbents

SO: CRYSTENGCOMM

UT WOS: 000589506500004

JCR 期刊分区:

CRYSTENGCOMM

impact factor

3.117 2.933

2019 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	74/177	Q2
CRYSTALLOGRAPHY	7/26	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.117

研究领域: Chemistry ； Crystallography

3. **AU:** Liu, Y ; Wang, S ; Liang, Y ; Zhou, H ; Li, XS ; Duan, L ; Chen, S ; Li, SX ; Zhang, LN ; Zhang, AL

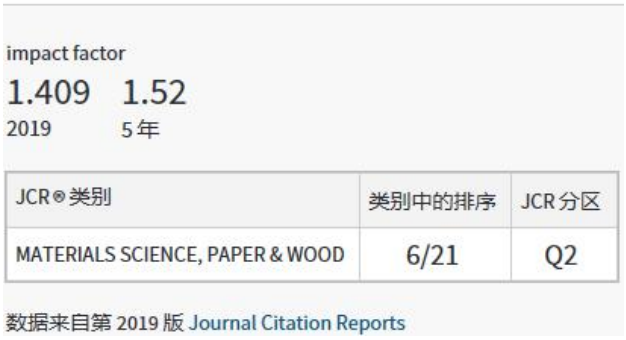
TI: Simultaneous Removal of Methyl Orange and Cr(VI) Using Polyethyleneimine-modified Corncob-derived Carbon Material

SO: BIORESOURCES

UT WOS: 000583802900006

JCR 期刊分区:

BIORESOURCES



2019 影响因子: 1.409

研究领域: Materials Science

4. AU: Wang, JC ; Liang, Y ; Wang, S ; Okoye, PU ; Chen, HX ; Zhou, Y ; Xu, JN ; Meng, ZH ; Wang, L ; Li, SX

TI: Using Diaper Waste to Prepare Magnetic Catalyst for the Synthesis of Glycerol Carbonate

SO: INTERNATIONAL JOURNAL OF POLYMER SCIENCE

UT WOS: 000590881000002

JCR 期刊分区:

INTERNATIONAL JOURNAL OF POLYMER SCIENCE

2019 影响因子: 1.646

研究领域: Polymer Science

（十）石油化工学院（4 篇）

1. AU: Zhao, RY ; Zhang, YC ; Mu, JH ; Yu, CY ; Pan, YY ; Zhao, J ; Wang, QZ ; Zhang, ST ; Yang, B ; Liu, FS

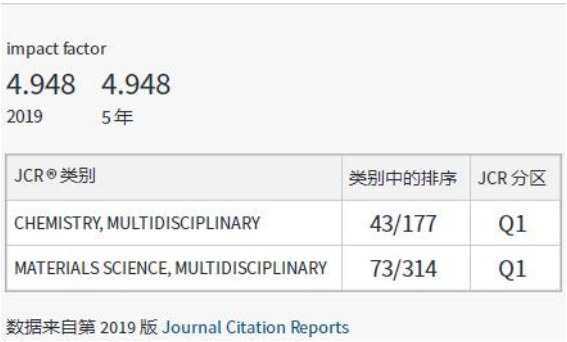
TI: Preparation of Photoresponsive Film via Electrodeposition Approach for Ready-to-Use Solar Thermal Fuel Device

SO: ADVANCED MATERIALS INTERFACES

UT WOS: 000574865800001

JCR 期刊分区:

ADVANCED MATERIALS INTERFACES



impact factor

4.948 4.948

2019 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	43/177	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	73/314	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.948

研究领域: Chemistry ； Materials Science

2. **AU:** Zhou, F ; Zhang, KX ; Li, GF ; Gui, C ; Hu, R ; Li, SW ; Wang, ZM ; Zhang, YY ; Tang, BZ

TI: Keto-salicylaldehyde azine: a kind of novel building block for AIEgens and its application in tracking lipid droplets

SO: MATERIALS CHEMISTRY FRONTIERS

UT WOS: 000575012900023

JCR 期刊分区:

MATERIALS CHEMISTRY FRONTIERS

impact factor

6.788 6.79

2019 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	29/177	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	52/314	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 6.788

研究领域: Chemistry ； Materials Science

3. **AU:** Li, FH ; Shi, Y ; Li, PZ ; Jiang, TC

TI: Research Progress of Ring-opening Polymerization of epsilon-caprolactone Initiated by Degradable Biopolymers

SO: CURRENT ORGANIC CHEMISTRY

UT WOS: 000577158000004

JCR 期刊分区:

CURRENT ORGANIC CHEMISTRY

2019 影响因子: 1.933

研究领域: Chemistry

4. **AU:** Qiu, X ; Tian, GJ ; Lin, CW ; Pan, YY ; Ye, XY ; Wang, BH ; Ma, DG ; Hu, DH ; Luo, Y ; Ma, YG

TI: Narrowband Emission from Organic Fluorescent Emitters with Dominant Low-Frequency Vibronic Coupling

SO: ADVANCED OPTICAL MATERIALS

UT WOS: 000599193500001

JCR 期刊分区:

ADVANCED OPTICAL MATERIALS

2019 影响因子: 8.286

研究领域: Chemistry

（十一）图书馆（1 篇）

1. **AU:** Yao, K ; Li, ZY ; Yao, L ; Lang, KJ

TI: Popularity prediction caching based on logistic regression in vehicular content centric networks

SO: INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING

UT WOS: 000588342800003

JCR 期刊分区:

INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING

impact factor

0.714 0.722

2019 5年

JCR®类别	类别中的排序	JCR分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	147/156	Q4
TELECOMMUNICATIONS	84/90	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.714

研究领域: Computer Science ； Telecommunications

（十二）其他：未注明学院（5 篇）

1. **AU:** Zhou, F ; Zhang, KX ; Li, GF ; Gui, C ; Hu, R ; Li, SW ; Wang, ZM ; Zhang, YY ; Tang, BZ

TI: The behavior of TIG welding arc in a high-frequency axial magnetic field

SO: WELDING IN THE WORLD

UT WOS: 000572302200001

JCR 期刊分区:

WELDING IN THE WORLD

impact factor

1.589 1.482

2019 5年

JCR®类别	类别中的排序	JCR分区
METALLURGY & METALLURGICAL ENGINEERING	35/79	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.589

研究领域: Metallurgy & Metallurgical Engineering

2. **AU:** Song, BX ; Yu, TB ; Jiang, XY ; Xi, WC ; Lin, XL

TI: Development mechanism and solidification morphology of molten pool generated by laser cladding

SO: INTERNATIONAL JOURNAL OF THERMAL SCIENCES

UT WOS: 000580509800027

JCR 期刊分区:

INTERNATIONAL JOURNAL OF THERMAL SCIENCES

impact factor
3.476 3.893
2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MECHANICAL	26/130	Q1
THERMODYNAMICS	10/61	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.476

研究领域: Thermodynamics ； Engineering

3. **AU:** Wang, ZY ; Li, XH ; Feng, L ; Liu, BZ ; Shamsa, F

TI: DFNS/alpha-CD/Au as a Nanocatalyst for Interpolation of CO2 into Aryl Alkynes Followed by S-N(2) Coupling with Allylic Chlorides

SO: CATALYSIS LETTERS

UT WOS: 000590237000001

JCR 期刊分区:

CATALYSIS LETTERS

impact factor
2.482 2.555
2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, PHYSICAL	91/159	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.482

研究领域: Thermodynamics ； Engineering

4. **AU:** Feng, LB ; Yuan, GC ; Li, XH ; Song, XD ; Lu, FC

TI: Grain Refinement and Texture Evolution of Mg-1Zn-1Gd Alloy in Equal Channel Angular Pressing

SO: RARE METAL MATERIALS AND ENGINEERING

UT WOS: 000588490000006

JCR 期刊分区:

RARE METAL MATERIALS AND ENGINEERING

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	304/314	Q4
METALLURGY & METALLURGICAL ENGINEERING	70/79	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.485

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

5. AU: Ren, ZY ; He, SY ; Zhang, LP ; Qi, YL ; Koh, CS

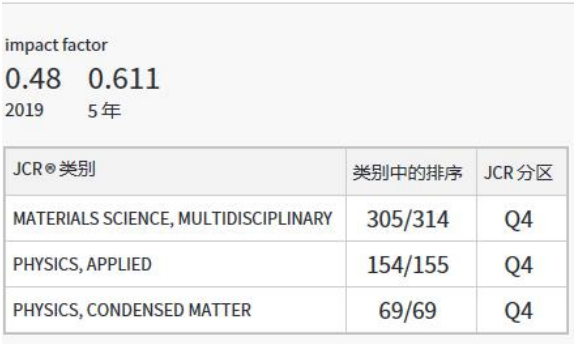
TI: Optimal Design of Electromagnetic Devices Assisted by Black Hole and Differential Evolution Algorithms

SO: JOURNAL OF MAGNETICS

UT WOS: 000582750500015

JCR 期刊分区:

JOURNAL OF MAGNETICS



JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	305/314	Q4
PHYSICS, APPLIED	154/155	Q4
PHYSICS, CONDENSED MATTER	69/69	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.48

研究领域: Materials Science ； Physics

二、2020 年第四季度 CPCI-S、 CPCI-SSH 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) AU:作者英文姓名
(2) TI:论文题目
(3) SO:论文来源
(4) UT WOS:CPCI-S、CPCI-SSH 中论文入藏号

（一）机械工程学院（2 篇）

1. **AU:**Jiang, XY ; Ma, SS ; Pang, XY ; Sun, HJ ; Jin, YS ; Qi, P

TI: Comprehensive Evaluation of Man-Machine Interface of Shield Main Control Room Based on Matching Goodness

SO:2020 6TH INTERNATIONAL CONFERENCE ON CONTROL, AUTOMATION AND ROBOTICS (ICCAR)

UT WOS:000591176900044

2. **AU:**Zhang, K ; Wang, SJ ; Ji, L ; Wang, C

TI:DNN Based Camera and Lidar Fusion Framework for 3D Object Recognition

SO:2020 4TH INTERNATIONAL CONFERENCE ON MACHINE VISION AND INFORMATION TECHNOLOGY (CMVIT 2020)

UT WOS:000583867900044

（二）材料科学与工程学院（2 篇）

1. **AU:**Liu, XW ; Wang, RC ; He, Y ; Ni, ZY ; Su, N ; Guo, R ; Zhao, Y ; You, JH ; Yi, TF

TI: Construction of alternating layered quasi-three-dimensional electrode Ag NWs/CoO for water splitting: A discussion of catalytic mechanism

SO:ELECTROCHIMICA ACTA

UT WOS:000476718000051

2. **AU:**Song, GH ; Li, GP ; Li, XY ; Du, H ; Hu, F ; Yin, LS

TI: The microstructure and thermoelectric properties of the Mg-2(Sn,Si,Bi) films containing excess metal Mg phase

SO:THIN SOLID FILMS

UT WOS:000580899700004

（三）电气工程学院（5 篇）

1. **AU:**Wang, LM ; Song, HM ; Liu, LX

TI: Design of Iterative Learning Controller for Permanent Magnet Linear Synchronous Motor Based on MEEMD Algorithm

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000555859001141

2. **AU:**Wang, LM ; Liu, LX ; Song, HM

TI: Global Sliding Mode Control Based on Recurrent Wavelet Fuzzy Neural Network Control for H-type Platform

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000555859001142

3. **AU:**Wei, W ; Yi, Z

TI: Parameter identification of a Novel Controllable Excitation Feeding Platform Based on Improved Particle Swarm Optimization

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000555859001172

4. **AU:**Liang, BX ; Wang, DZ ; Zhang, BY ; Xu, GR

TI: Research of Low-Power Low-Speed Squirrel-cage Motor

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000555859003173

5. **AU:**Man, YP ; Zong, M

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

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000571209900099

（四）信息科学与工程学院（3 篇）

1. **AU:**Li, SJ ; Miao, HQ ; Su, XH ; Wang, XD

TI: Modeling and Control of Semi-Active Suspension System with Double-Pendulum Spray Boom

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000555859001084

2. **AU:**Li, SJ ; Wang, DY ; Wang, XD

TI: Robust Stabilization of Pendulum Spray Boom Suspension System of Plant Protection Machine

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000555859002127

3. **AU:**Ge, WC (Ge Weichun)[1,2] ; Luo, HH (Luo Huanhuan)[1,2] ; Zhou, GP (Zhou Guiping)[2] ; Ge, YF (Ge Yanfeng)[2] ; Li, T (Li Tie)[2] ; Wang, SJ (Wang Shunjiang)[2] ; Cui, D

TI: Simultaneous Localization and Mapping based on Lidar

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000555859005138

（五）其他：未注明学院（4 篇）

1. **AU:**Ge, WC ; Luo, HH ; Zhou, GP ; Ge, YF ; Li, T ; Wang, SJ ; Cui, D

TI: Coordinated Operation Method of Grid Energy Storage and Abandoned Wind

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CO NFERENCE (CCDC 2019)

UT WOS:000555859006005

2. **AU:**Ge, WC ; Luo, HH ; Zhou, GP; Wang, SJ ; Ge, YF ; Li, T ; Cui, D

TI: Analysis of Differences between Peak-regulated Wind Abandonment and Grid Frame Abandoned Wind in Power Grid

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000555859006006

3. **AU:**Ge, WC ; Luo, HH ; Li, JJ ; Zhou, GP; Wang, SJ ; Ge, YF ;Cui, D

TI: The effect of large-scale electric heating heat storage load coordinated operation on abandoned wind consumption

SO:PROCEEDINGS OF THE 2019 31ST CHINESE CONTROL AND DECISION CONFERENCE (CCDC 2019)

UT WOS:000555859006007

4. **AU:**Thao, NGM ; Zhong, SS ; Fujisaki, K; Iwamoto, F ; Kimura, T ; Yamada, T

TI: Experimental Assessment of Motor Core Loss, Inverter Loss and Ringing Phenomenon under SiC-MOSFET Inverter Excitation

SO:2019 IEEE INTERNATIONAL ELECTRIC MACHINES & DRIVES CONFERENCE (IEMDC)

UT WOS:000589393300244