2020 年第一、二季度 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 6 月

统计说明

1、检索时间和统计方法：

① 检索时间段：从 2020 年 1 月 1 日至 2020 年 6 月 30 日；

② 检索词：以“沈阳工业大学”的英文拼写方式“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 2018 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 年第一、二季度 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) 2018、2019 影响因子
(7) 研究领域

（一）机械工程学院（20 篇）

1. **AU:** Tang, WR ; Liu, SM ; Liu, Z ; Kang, S ; Mao, PL ; Guo, H

TI: High strain rate compression deformation mechanism and constitutive equation of fine grained Mg-7Gd-5Y-1.2Nd-0.5Zr alloy at different temperatures

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

UT WOS: 000524357800037

JCR 期刊分区:

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

impact factor

4.081 4.014

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	68/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	7/76	Q1
NANOSCIENCE & NANOTECHNOLOGY	38/94	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.081

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

2. **AU:** Liu, ZQ ; Ma, RX ; Xu, GJ ; Wang, W ; Liu, J

TI: Laser additive manufacturing of bimetallic structure from Ti-6Al-4V to Ti-48Al-2Cr-2Nb via vanadium interlayer

SO: MATERIALS LETTERS

UT WOS: 000513952500022

JCR 期刊分区:

MATERIALS LETTERS

impact factor

3.019 2.624

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	101/293	Q2
PHYSICS, APPLIED	44/148	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.019

研究领域: Materials Science ； Physics

3. **AU:** Liu, HF ; Cong, C ; Cao, CD ; Zhao, Q

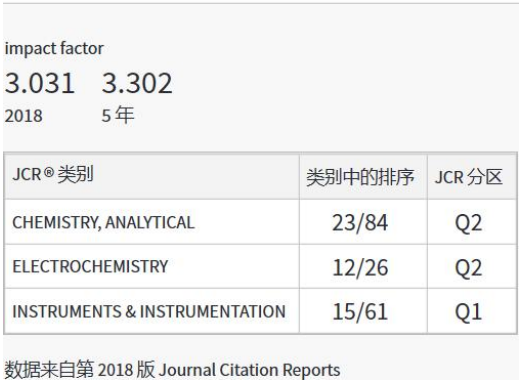
TI: Analysis of the Key Factors Affecting the Capability and Optimization for Magnetostrictive Iron-Gallium Alloy Ambient Vibration Harvesters

SO: SENSORS

UT WOS: 000517790100075

JCR 期刊分区:

SENSORS



impact factor

3.031 3.302

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, ANALYTICAL	23/84	Q2
ELECTROCHEMISTRY	12/26	Q2
INSTRUMENTS & INSTRUMENTATION	15/61	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.031

研究领域: Chemistry ； Engineering ； Instruments & Instrumentation

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

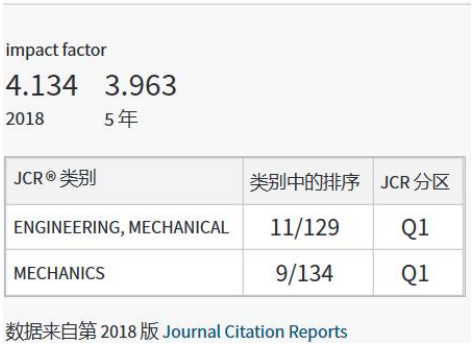
TI: The relationship between convection mechanism and solidification structure of the iron-based molten pool in metal laser direct deposition

SO: INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES

UT WOS: 000509629200018

JCR 期刊分区:

INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES



impact factor

4.134 3.963

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, MECHANICAL	11/129	Q1
MECHANICS	9/134	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.134

研究领域: Engineering ； Mechanics

5. **AU:** Dong, ZX ; Xu, FS ; Sun, XW ; Liu, WJ

TI: A Laser-Based On-Machine Measuring System for Profile Accuracy of Double-Headed Screw Rotor

SO: SENSORS

UT WOS: 000507606200002

JCR 期刊分区:

SENSORS

impact factor

3.275 3.427

2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, ANALYTICAL	22/86	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	77/266	Q2
INSTRUMENTS & INSTRUMENTATION	15/64	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.275

研究领域: Chemistry ； Engineering ； Instruments & Instrumentation

6. **AU:** Li, L ; Zhao, SY ; Zhang, NN ; Guo, YH ; Gan, HY

TI: Enhanced Wear Resistance of Iron-Based Alloy Coating Induced by Ultrasonic Impact

SO: COATINGS

UT WOS: 000506682800033

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:** Shi, CQ ; Zou, ZA ; Lei, ZP ; Wu, XL ; Liu, ZW ; Lu, HQ ; Zhang, W ; Xiao, JL

TI: Investigating the Self-Healing of Dynamic Covalent Thermoset Polyimine and Its Nanocomposites

SO: JOURNAL OF APPLIED MECHANICS-TRANSACTIONS OF THE ASME

UT WOS: 000505991400005

JCR 期刊分区:

JOURNAL OF APPLIED MECHANICS-TRANSACTIONS OF THE ASME

impact factor

2.671 2.793

2019 5年

JCR®类别	类别中的排序	JCR分区
MECHANICS	44/136	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.671

研究领域: Mechanics

8. **AU:** Ma, RX ; Liu, ZQ ; Wang, WB ; Xu, GJ ; Wang, W

TI: Laser deposition melting of TC4/TiAl functionally graded material

SO: VACUUM

UT WOS: 000538148400009

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	54/154	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:** Ma, RX ; Liu, ZQ ; Wang, WB ; Xu, GJ ; Wang, W

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

SO: MATERIALS CHARACTERIZATION

UT WOS: 000539355400032

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

10. **AU:** Dong, ZX ; Sun, XW ; Xu, FS ; Liu, WJ

TI: A Low-Rank and Sparse Decomposition-Based Method of Improving the Accuracy of Sub-Pixel Grayscale Centroid Extraction for Spot Images

SO: IEEE SENSORS JOURNAL

UT WOS: 000534280800022

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	47/154	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

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

TI: Experimental investigations on flank contour accuracy of milling groove for Zr-based bulk metallic glass using mesoscale milling

SO: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

UT WOS: 000534280800022

JCR 期刊分区:

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

impact factor

2.633 2.925

2019 5年

JCR® 类别	类别中的排序	JCR 分区
AUTOMATION & CONTROL SYSTEMS	32/63	Q3
ENGINEERING, MANUFACTURING	25/50	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.633

研究领域: Automation & Control Systems ； Engineering

12. AU: Kong, XX ; Jiang, J ; Zhou, C ; Xu, Q ; Chen, CZ

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

SO: NONLINEAR DYNAMICS

UT WOS: 000531788700001

JCR 期刊分区:

NONLINEAR DYNAMICS

2019 影响因子: 4.867

研究领域: Engineering ； Mechanics

13. **AU:** Wang, X ; Wang, W ; Yang, G ; Wang, C ; Ren, YH

TI: Dimensional Effect on Thermo-Mechanical Evolution of Laser Depositing Thin-Walled Structure

SO: ACTA METALLURGICA SINICA

UT WOS: 000529326900008

JCR 期刊分区:

ACTA METALLURGICA SINICA

2019 影响因子: 0.938

研究领域: Metallurgy & Metallurgical Engineering

14. **AU:** Bin, Y ; Wang, SJ ; Li, YL ; Tang, LM ; He, EQ ; Song, SY

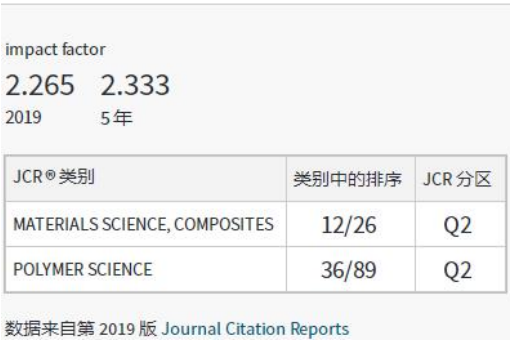
TI: Molecular dynamics simulations of mechanical properties of swollen nitrile rubber composites by incorporating carbon nanotubes

SO: POLYMER COMPOSITES

UT WOS: 000525877300001

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

15. AU: Jiao, AY ; Zhang, GF ; Liu, BH ; Liu, WJ

TI: Prediction of Manufacturing Quality of Holes Based on a BP Neural Network

SO: APPLIED SCIENCES-BASEL

UT WOS: 000529252800209

JCR 期刊分区:

APPLIED SCIENCES-BASEL

impact factor

2.474 2.458

2019 5 年

JCR ® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	88/177	Q2
ENGINEERING, MULTIDISCIPLINARY	32/91	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	161/314	Q3
PHYSICS, APPLIED	62/154	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.474

研究领域: Chemistry ； Engineering ； Materials Science ； Physics

16. AU: Xu, KP ; Wang, B ; Zhao, ZX ; Zhao, F ; Kong, XX ; Wen, BC

TI: The influence of rolling bearing parameters on the nonlinear dynamic response and cutting stability of high-speed spindle systems

SO: MECHANICAL SYSTEMS AND SIGNAL PROCESSING

UT WOS: 000529083600012

JCR 期刊分区:

MECHANICAL SYSTEMS AND SIGNAL PROCESSING

impact factor

6.471 6.308

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, MECHANICAL	5/130	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 6.471

研究领域: Engineering

17. AU: Sun, F ; Zhou, J ; Wu, HC ; Ueno, S

TI: Preface for selected papers from ISMB16

SO: INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS

UT WOS: 000536681200005

JCR 期刊分区:

INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS

impact factor

0.684 0.71

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	241/266	Q4
MECHANICS	125/136	Q4
PHYSICS, APPLIED	144/154	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.684

研究领域: Engineering ； Mechanics ； Physics

18. AU: Zhou, R ; Yan, MY ; Guo, YQ ; Jin, JJ ; Sun, F ; Zhang, XY ; Oka, K

TI: Suspension characteristics of a zero-power permanent magnetic suspension system with flux path control

SO: INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS

UT WOS: 000536681200013

JCR 期刊分区:

INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS

impact factor

0.684 0.71

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	241/266	Q4
MECHANICS	125/136	Q4
PHYSICS, APPLIED	144/154	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.684

研究领域: Engineering ； Mechanics ； Physics

19. AU: Song, SY ; Nie, R ; Wang, SJ ; Li, YL

TI: Tribological properties of swollen nitrile rubber under dry and wet sliding conditions

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000534506900002

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

20. AU: Yu, SY ; Zhang, Y ; Chen, CZ ; Zhang, FG ; Nian, H

TI: Loss Estimation of Brushless Doubly-Fed Generator With Hybrid Rotor Considering Multiple Influence Factors

SO: IEEE ACCESS

UT WOS: 000527413100033

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

（二）材料科学与工程学院（111 篇）

1. **AU:** Cui, FH ; Zhao, J ; Zhang, DX ; Fang, YZ ; Hu, F ; Zhu, K

TI: VO2(B) nanobelts and reduced graphene oxides composites as cathode materials for low-cost rechargeable aqueous zinc ion batteries

SO: CHEMICAL ENGINEERING JOURNAL

UT WOS: 000522640100141

JCR 期刊分区:

CHEMICAL ENGINEERING JOURNAL

impact factor

8.355 7.61

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, CHEMICAL	6/138	Q1
ENGINEERING, ENVIRONMENTAL	2/52	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 8.355

研究领域: Engineering

2. **AU:** Zhang, W ; Xiang, QC ; Ma, CY ; Ren, YL ; Qiu, KQ

TI: Relaxation-to-rejuvenation transition of a Ce-based metallic glass by quenching/cryogenic treatment performed at sub-T-g

SO: JOURNAL OF ALLOYS AND COMPOUNDS

UT WOS: 000514848600084

JCR 期刊分区:

JOURNAL OF ALLOYS AND COMPOUNDS

impact factor

4.175 3.624

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	47/148	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	65/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	6/76	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.175

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

3. **AU:** Shang, C ; Wang, CY ; Li, CF ; Yang, G ; Xu, GJ ; You, JH

TI: Eliminating the crack of laser 3D printed functionally graded material from TA15 to Inconel718 by base preheating

SO: OPTICS AND LASER TECHNOLOGY

UT WOS: 000523646300021

JCR 期刊分区:

OPTICS AND LASER TECHNOLOGY

impact factor

3.319 2.643

2018 5年

JCR® 类别	类别中的排序	JCR 分区
OPTICS	21/95	Q1
PHYSICS, APPLIED	38/148	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.319

研究领域: Optics ； Physics

4. **AU:** Dai, WS ; Lin, L ; Li, YM ; Chen, Z ; Liu, F ; Li, F ; Chen, LJ

TI: A novel Ni-S-Mn electrode with hierarchical morphology fabricated by gradient electrodeposition for hydrogen evolution reaction

SO: APPLIED SURFACE SCIENCE

UT WOS: 000523185200009

JCR 期刊分区:

APPLIED SURFACE SCIENCE

impact factor

5.155 4.281

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	35/148	Q1
MATERIALS SCIENCE, COATINGS & FILMS	1/20	Q1
PHYSICS, APPLIED	23/148	Q1
PHYSICS, CONDENSED MATTER	16/68	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 5.155

研究领域: Chemistry ； Materials Science ； Physics

5. **AU:** Zhao, Y ; He, JF ; Dai, MZ ; Zhao, DP ; Wu, X ; Liu, BD

TI: Emerging CoMn-LDH@MnO2 electrode materials assembled using nanosheets for flexible and foldable energy storage devices

SO: JOURNAL OF ENERGY CHEMISTRY

UT WOS: 000520405600010

JCR 期刊分区:

JOURNAL OF ENERGY CHEMISTRY

impact factor

5.162 4.154

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, APPLIED	6/71	Q1
CHEMISTRY, PHYSICAL	34/148	Q1
ENERGY & FUELS	19/103	Q1
ENGINEERING, CHEMICAL	12/138	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 5.162

研究领域: Chemistry ； Energy & Fuels ； Engineering

6. **AU:** Otitoju, TA ; Okoye, PU ; Chen, GT ; Li, Y ; Okoye, MO ; Li, SX

TI: Advanced ceramic components: Materials, fabrication, and applications

SO: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

UT WOS: 000523605700002

JCR 期刊分区:

JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

impact factor

4.978 4.802

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	38/172	Q1
ENGINEERING, CHEMICAL	15/138	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.978

研究领域: Chemistry ； Engineering

7. **AU:** Zheng, BW ; Dong, FY ; Yuan, XG ; Huang, HJ ; Zhang, Y ; Zuo, XJ ; Luo, LS ; Wang, L ; Su, YQ ; Li, WD

TI: Microstructure and tribological behavior of in situ synthesized (TiB+TiC)/ Ti6Al4V (TiB/TiC=1/1) composites

SO: TRIBOLOGY INTERNATIONAL

UT WOS: 000519655800017

JCR 期刊分区:

TRIBOLOGY INTERNATIONAL

impact factor

3.517 3.44

2018 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MECHANICAL	18/129	Q1

数据来自第2018版 Journal Citation Reports

2018影响因子: 3.517

研究领域: Engineering

8. **AU:** Zhang, XD ; Dong, TH ; Ma, H ; Li, DZ ; Ying, CH ; Liu, C ; Wang, F

TI: A first principles investigation on the influence of transition-metal elements on the structural, mechanical, and anisotropic properties of CaM2Al20 intermetallics

SO: JOURNAL OF MOLECULAR GRAPHICS & MODELLING

UT WOS: 000515207000008

JCR期刊分区:

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

1.863 1.793

2018 5年

JCR®类别	类别中的排序	JCR分区
BIOCHEMICAL RESEARCH METHODS	56/79	Q3
BIOCHEMISTRY & MOLECULAR BIOLOGY	234/299	Q4
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	67/106	Q3
CRYSTALLOGRAPHY	14/26	Q3
MATHEMATICAL & COMPUTATIONAL BIOLOGY	26/59	Q2

数据来自第2018版 Journal Citation Reports

2018影响因子: 1.863

研究领域: Biochemistry & Molecular Biology ； Computer Science ； Crystallography ； Mathematical & Computational Biology

9. **AU:** Zhang, YF ; Yuan, XG ; Huang, HJ ; Zuo, XJ ; Cheng, YL

TI: Influence of chloride ion concentration and temperature on the corrosion of Cu-Al composite plates in salt fog

SO: JOURNAL OF ALLOYS AND COMPOUNDS

UT WOS: 000512369200078

JCR期刊分区:

JOURNAL OF ALLOYS AND COMPOUNDS

impact factor

4.175 3.624

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	47/148	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	65/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	6/76	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.175

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

10. AU: Tang, WR ; Liu, SM ; Liu, Z ; Kang, S ; Mao, PL ; Guo, H

TI: High strain rate compression deformation mechanism and constitutive equation of fine grained Mg-7Gd-5Y-1.2Nd-0.5Zr alloy at different temperatures

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

UT WOS: 000524357800037

JCR 期刊分区:

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

impact factor

4.081 4.014

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	68/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	7/76	Q1
NANOSCIENCE & NANOTECHNOLOGY	38/94	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.081

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

11. AU: Wu, YJ ; Wang, ZJ ; Liang, YM ; Zhang, ZD

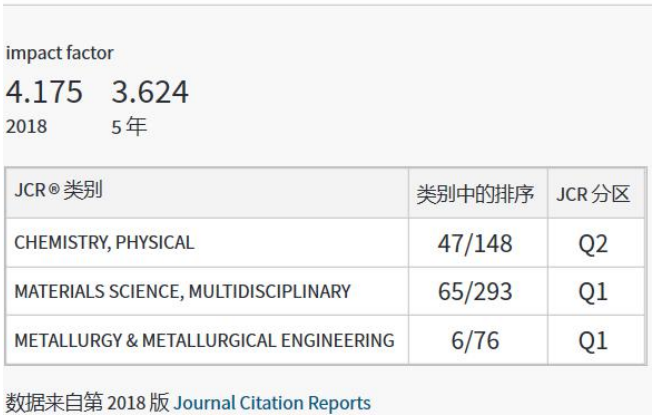
TI: Strain-induced exchange bias transition at La0.7Sr0.3MnO3/NiO interface

SO: JOURNAL OF ALLOYS AND COMPOUNDS

UT WOS: 000507378300135

JCR 期刊分区:

JOURNAL OF ALLOYS AND COMPOUNDS



impact factor

4.175 3.624

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	47/148	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	65/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	6/76	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.175

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

12. **AU:** Zhang, YR ; Zhao, M ; Ren, YL ; Qiu, KQ

TI: Effect of element yttrium on beta-relaxation of Cu-based metallic glasses

SO: JOURNAL OF NON-CRYSTALLINE SOLIDS

UT WOS: 000521507100018

JCR 期刊分区:

JOURNAL OF NON-CRYSTALLINE SOLIDS

impact factor

2.6 2.393

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, CERAMICS	4/28	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	129/293	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.6

研究领域: Materials Science

13. **AU:** Li, DZ ; Zhang, XD ; Chen, JY ; Liu, Y ; Wang, F

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

SO: VACUUM

UT WOS: 000517661000012

JCR 期刊分区:

VACUUM

impact factor
2.515 2.053
2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	134/293	Q2
PHYSICS, APPLIED	55/148	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.515

研究领域: Materials Science ； Physics

14. AU: Wu, SK ; Shi, YL ; Zhang, GY ; Zhang, S ; Liao, HB ; Wang, XY ; Qin, ZY

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

SO: JOURNAL OF NUCLEAR MATERIALS

UT WOS: 000518889500018

JCR 期刊分区:

JOURNAL OF NUCLEAR MATERIALS

impact factor
2.547 2.536
2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	133/293	Q2
NUCLEAR SCIENCE & TECHNOLOGY	2/34	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.547

研究领域: Materials Science ； Nuclear Science & Technology

15. AU: Si, N ; Wang, JM ; Guo, AB ; Zhang, F ; Zhang, FG ; Jiang, W

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

SO: PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

UT WOS: 000515321700069

JCR 期刊分区:

PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

impact factor
3.176 2.467
2018 5年

JCR® 类别	类别中的排序	JCR 分区
NANOSCIENCE & NANOTECHNOLOGY	45/94	Q2
PHYSICS, CONDENSED MATTER	22/68	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.176

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

16. **AU:** Li, YZ ; Wang, ZJ ; Bai, Y ; Zhang, ZD

TI: High energy storage performance in Ca-doped PbZrO3 antiferroelectric films

SO: JOURNAL OF THE EUROPEAN CERAMIC SOCIETY

UT WOS: 000514747500044

JCR 期刊分区:

JOURNAL OF THE EUROPEAN CERAMIC SOCIETY

impact factor

4.029 3.923

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, CERAMICS	1/28	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.029

研究领域: Materials Science

17. **AU:** Lin, JL ; Wang, ZJ ; Zhao, X ; Zhang, ZD

TI: Significantly enhanced ferroelectric and dielectric properties in BaTiO3/LaNiO3 superlattices

SO: SCRIPTA MATERIALIA

UT WOS: 000514758200021

JCR 期刊分区:

SCRIPTA MATERIALIA

impact factor

4.539 4.559

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	59/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	4/76	Q1
NANOSCIENCE & NANOTECHNOLOGY	32/94	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.539

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

18. **AU:** Du, XD ; Wang, F ; Wang, Z ; Li, XX ; Liu, Z ; Mao, PL

TI: Hot Tearing Susceptibility of AXJ530 Alloy Under Low-Frequency Alternating Magnetic Field

SO: ACTA METALLURGICA SINICA-ENGLISH LETTERS

UT WOS: 000521874200001

JCR 期刊分区:

ACTA METALLURGICA SINICA-ENGLISH LETTERS

impact factor

1.828 1.718

2018 5年

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	24/76	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.828

研究领域: Metallurgy & Metallurgical Engineering

19. **AU:** Otitoju, TA ; Jiang, DF ; Ouyang, YY ; Elamin, MAM ; Li, SX

TI: Photocatalytic degradation of Rhodamine B using CaCu3Ti4O12 embedded polyethersulfone hollow fiber membrane

SO: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

UT WOS: 000514214400016

JCR 期刊分区:

JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

impact factor

4.978 4.802

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	38/172	Q1
ENGINEERING, CHEMICAL	15/138	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.978

研究领域: Chemistry ； Engineering

20. **AU:** Su, YH ; Liang, XW ; Liu, YQ ; Dai, ZY

TI: Effect of Ti Addition on the Microstructure and Property of FeAlCuCrNiMo0.6 High-Entropy Alloy

SO: ACTA METALLURGICA SINICA-ENGLISH LETTERS

UT WOS: 000520688100002

JCR 期刊分区:

ACTA METALLURGICA SINICA-ENGLISH LETTERS

impact factor

1.828 1.718

2018 5年

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	24/76	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.828

研究领域: Metallurgy & Metallurgical Engineering

21. AU: Liu, ZQ ; Ma, RX ; Xu, GJ ; Wang, W ; Liu, J

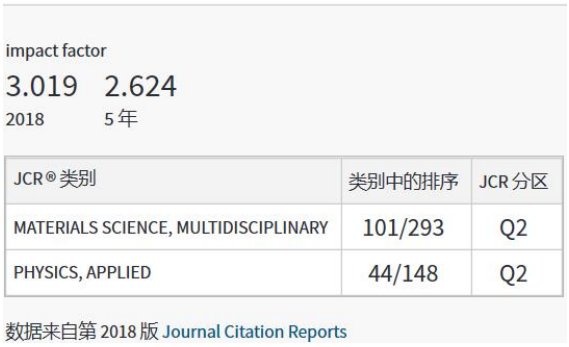
TI: Laser additive manufacturing of bimetallic structure from Ti-6Al-4V to Ti-48Al-2Cr-2Nb via vanadium interlayer

SO: MATERIALS LETTERS

UT WOS: 000513952500022

JCR 期刊分区:

MATERIALS LETTERS



impact factor

3.019 2.624

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	101/293	Q2
PHYSICS, APPLIED	44/148	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.019

研究领域: Materials Science ； Physics

22. AU: Wang, XX ; Mao, PL ; Liu, Z; Wang, Z ; Wang, F ; Zhou, L ; Wei, ZQ

TI: Nucleation and growth analysis of {10(1)over-bar2} extension twins in AZ31 magnesium alloy during in-situ tension

SO: JOURNAL OF ALLOYS AND COMPOUNDS

UT WOS: 000506166400124

JCR 期刊分区:

JOURNAL OF ALLOYS AND COMPOUNDS

impact factor

4.175 3.624

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	47/148	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	65/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	6/76	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.175

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

23. AU: Mao, PL ; Xin, Y ; Han, K ; Liu, Z ; Yang, ZQ

TI: Formation of long-period stacking-ordered (LPSO) structures and microhardness of as-cast Mg-4.5Zn-6Y alloy

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

UT WOS: 000521512000020

JCR 期刊分区:

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

impact factor

4.081 4.014

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	68/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	7/76	Q1
NANOSCIENCE & NANOTECHNOLOGY	38/94	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.081

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

24. AU: Tan, ZH ; Wang, XG ; Du, YL ; Duan, TF ; Yang, YH ; Liu, JL ; Liu, JD ; Yang, L ; Li, JG ; Zhou, YZ

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

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

UT WOS: 000517665100006

JCR 期刊分区:

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

impact factor

4.081 4.014

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	68/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	7/76	Q1
NANOSCIENCE & NANOTECHNOLOGY	38/94	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.081

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

25. AU: Zhang, F ; Liu, Z ; Wang, Y ; Mao, PL ; Kuang, XW ; Zhang, ZL ; Ju, YD ; Xu, XZ

TI: The modified temperature term on Johnson-Cook constitutive model of AZ31 magnesium alloy with {0002} texture

SO: JOURNAL OF MAGNESIUM AND ALLOYS

UT WOS: 000522768600012

JCR 期刊分区:

JOURNAL OF MAGNESIUM AND ALLOYS

impact factor

4.523

2018

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	5/76	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.523

研究领域: Metallurgy & Metallurgical Engineering

26. AU: Li, YM ; Ma, TY ; Ren, YY ; Liu, TY ; Zou, X

TI: First-principles calculation on the structure stability, elastic properties and electronic structure of P-doped Mg2Si

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000522984600001

JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

impact factor

1.449 1.405

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	215/293	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.449

研究领域: Materials Science

27. **AU:** Li, CZ ; Qu, YD ; Zhang, YF ; Lv, QY ; Qi, H

TI: Effect of deep cryogenic treatment on the microstructure and mechanical properties of AlCrFe2Ni2 High-entropy alloy

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000519060500001

JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

impact factor

1.449 1.405

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	215/293	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.449

研究领域: Materials Science

28. **AU:** Zheng, ZB ; Wang, S ; Long, J ; Wang, J ; Zheng, KH

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

SO: CORROSION SCIENCE

UT WOS: 000515204200049

JCR 期刊分区:

CORROSION SCIENCE

impact factor

6.355 6.235

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	46/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	2/76	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 6.355

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

29. AU: Chen, JY ; Zhang, XD ; Li, DZ ; Liu, C ; Ma, H ; Ying, CH ; Wang, F

TI: Insight into the vacancy effects on mechanical and electronic properties o Tantalum Silicide

SO: CERAMICS INTERNATIONAL

UT WOS: 000512219600069

JCR 期刊分区:

CERAMICS INTERNATIONAL

impact factor

3.45 3.187

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, CERAMICS	2/28	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.45

研究领域: Materials Science

30. AU: Li, GL ; Qu, YD ; Yang, YH ; Zhou, QW ; Liu, XS ; Li, RD

TI: Improved multi-orientation dispersion of short carbon fibers in aluminum matrix composites prepared with square crucible by mechanical stirring

SO: JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY

UT WOS: 000510493300010

JCR 期刊分区:

JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY

impact factor

5.04 4.121

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	54/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	3/76	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 5.04

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

31. AU: Liu, TL ; Zhu, XF ; Chen, LJ ; Bi, HY ; Lin, YF ; Long, J

TI: Fatigue-creep behavior of two ferritic stainless steels in simulated automotive exhaust gas and argon

SO: JOURNAL OF MATERIALS SCIENCE

UT WOS: 000509689700038

JCR 期刊分区:

JOURNAL OF MATERIALS SCIENCE

impact factor

3.442 3.021

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	82/293	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.442

研究领域: Materials Science

32. **AU:** Li, YK ; Lou, JX ; Ju, HT ; Lin, L

TI: Impact Toughness of Heat-Affected Zones of 11Cr Heat-Resistant Steels

SO: ACTA METALLURGICA SINICA-ENGLISH LETTERS

UT WOS: 000517008600001

JCR 期刊分区:

ACTA METALLURGICA SINICA-ENGLISH LETTERS

impact factor

1.828 1.718

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	24/76	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.828

研究领域: Metallurgy & Metallurgical Engineering

33. **AU:** Su, RM ; Wang, KN ; Yang, YP ; Qu, YD ; Li, RD

TI: Effect of Mg Content on the Microstructure and Corrosion Properties of Al-Cu-Mn Alloy

SO: JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

UT WOS: 000516355700001

JCR 期刊分区:

JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

impact factor

1.476 1.67

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	210/293	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.476

研究领域: Materials Science

34. **AU:** Chen, YQ ; Liu, Z ; Liu, SM ; Guo, H ; Liu, J ; Sheng, XF

TI: Effect of Cu on the Hot Tearing Susceptibility of Al-6Zn-2.5Mg-xCu Alloy

SO: INTERNATIONAL JOURNAL OF METALCASTING

UT WOS: 000516337800002

JCR 期刊分区:

INTERNATIONAL JOURNAL OF METALCASTING

impact factor

1.033	1.108
2018	5 年

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	46/76	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.033

研究领域: Metallurgy & Metallurgical Engineering

35. **AU:** Li, RX ; Guan, C ; Bian, XF ; Yu, X ; Hu, F

TI: NaV6O15 microflowers as a stable cathode material for high-performance aqueous zinc-ion batteries

SO: RSC ADVANCES

UT WOS: 000517310200010

JCR 期刊分区:

RSC ADVANCES

impact factor

3.049	3.168
2018	5 年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	68/172	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.049

研究领域: Chemistry

36. **AU:** Wu, YS ; Li, LS ; Yang, X

TI: Coprecipitation synthesis of Si-modified mesoporous alumina with high thermal stability from coal fly ash

SO: CHEMICAL PAPERS

UT WOS: 000516299200002

JCR 期刊分区:

CHEMICAL PAPERS

impact factor

1.246 1.263

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	126/172	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.246

研究领域: Chemistry

37. **AU:** Li, Z ; You, JH ; Guo, YZ ; Li, CZ ; Zhang, YF ; Liu, ZY

TI: Phase Transition Mechanism and Mechanical Properties of AlCrFe2Ni2 High-Entropy Alloys with Changes in the Applied Carbon Content

SO: ADVANCED ENGINEERING MATERIALS

UT WOS: 000512821200001

JCR 期刊分区:

ADVANCED ENGINEERING MATERIALS

impact factor

2.906 2.897

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	107/293	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.906

研究领域: Materials Science

38. **AU:** Jiang, PF ; Zhang, CH ; Wu, CL ; Zhang, S ; Zhang, JB ; Abdullah, AO

TI: Microstructure and Properties of CeO2-Modified FeCoCrAlNiTi High-Entropy Alloy Coatings by Laser Surface Alloying

SO: JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

UT WOS: 000511095500004

JCR 期刊分区:

JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

impact factor

1.476 1.67

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	210/293	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.476

研究领域: Materials Science

39. **AU:** Yan, HJ ; Tian, SG ; Zhao, GQ ; Zhang, SK

TI: Creep damage of a high Mo single crystal nickel-based superalloy

SO: MATERIALS AT HIGH TEMPERATURES

UT WOS: 000512115300001

JCR 期刊分区:

MATERIALS AT HIGH TEMPERATURES

impact factor

1.545 1.462

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	206/293	Q3
METALLURGY & METALLURGICAL ENGINEERING	31/76	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.545

研究领域: Materials Science ;Metallurgy & Metallurgical Engineering

40. **AU:** Ai, XY ; Liu, ZJ ; Wu, D

TI: Study on Improvement of Welding Technology and Toughening Mechanism of Zr on Weld Metal of Q960 Steel

SO: MATERIALS

UT WOS: 000520419300083

JCR 期刊分区:

MATERIALS

impact factor

2.972 3.532

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	102/293	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.972

研究领域: Materials Science

41. AU: Otitoju, TA ; Li, Y ; Liu, RJ ; Wang, JC ; Ouyang, YY ; Jiang, DF ; Li, SX

TI: Polyethersulfone- CaCu3Ti4O12 hollow fiber membrane with enhanced photocatalytical activity and water permeability

SO: JOURNAL OF WATER PROCESS ENGINEERING

UT WOS: 000517599700077

JCR 期刊分区:

JOURNAL OF WATER PROCESS ENGINEERING

impact factor

3.173 3.688

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, CHEMICAL	42/138	Q2
ENGINEERING, ENVIRONMENTAL	23/52	Q2
WATER RESOURCES	17/91	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.173

研究领域: Engineering ;Water Resources

42. AU: Cui, X ; Zhang, S ; Wang, C ; Zhang, CH ; Chen, J ; Zhang, JB

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

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

UT WOS: 000509621500102

JCR 期刊分区:

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

impact factor

4.081 4.014

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	68/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	7/76	Q1
NANOSCIENCE & NANOTECHNOLOGY	38/94	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.081

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

43. AU: Luo, X ; Feng, ZQ ; Yu, TB ; Huang, TL ; Li, RG ; Wu, GL ; Hansen, N ; Huang, XX

TI: Microstructural evolution in Mg-3Gd during accumulative roll-bonding

SO: MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS

PROPERTIES MICROSTRUCTURE AND PROCESSING

UT WOS: 000509621500102

JCR 期刊分区:

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

impact factor

4.081 4.014

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	68/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	7/76	Q1
NANOSCIENCE & NANOTECHNOLOGY	38/94	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.081

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

44. AU: Wang, XX ; Mao, PL ; Wang, RF ; Liu, Z ; Wang, Z ; Wang, F ; Zhou, L ; Wei, ZQ

TI: Role of {10(1)over-bar2} twinning in the anisotropy and asymmetry of AZ31 magnesium alloy under high strain rate deformation

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

UT WOS: 000509621500078

JCR 期刊分区:

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

impact factor

4.081 4.014

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	68/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	7/76	Q1
NANOSCIENCE & NANOTECHNOLOGY	38/94	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.081

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

45. AU: Zhang, F ; Liu, Z ; Yang, MM ; Su, GY ; Zhao, RF ; Mao, PL ; Wang, F ; Sun, SJ

TI: Microscopic mechanism exploration and constitutive equation construction for compression characteristics of AZ31-TD magnesium alloy at high strain rate

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

UT WOS: 000503324700041

JCR 期刊分区:

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

impact factor

4.081 4.014

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	68/293	Q1
METALLURGY & METALLURGICAL ENGINEERING	7/76	Q1
NANOSCIENCE & NANOTECHNOLOGY	38/94	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.081

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

46. **AU:** Zhang, SQ ; Liu, J ; Zhang, HY ; Sun, J ; Chen, LJ

TI: Damage Adaptive Titanium Alloy by In-Situ Elastic Gradual Mechanism

SO: MATERIALS

UT WOS: 000515499900153

JCR 期刊分区:

MATERIALS

impact factor

2.972 3.532

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	102/293	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.972

研究领域: Materials Science

47. **AU:** Wang, CY ; Shang, C ; Xu, GJ ; Jing, ZC ; Liu, J ; Su, YH

TI: Microstructure and Mechanical Property Improvement of Laser Additive Manufacturing Ti-6Al-4V via the Niobium Addition

SO: MATERIALS TRANSACTIONS

UT WOS: 000521751600024

JCR 期刊分区:

MATERIALS TRANSACTIONS

impact factor
0.764 0.908
2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	259/293	Q4
METALLURGY & METALLURGICAL ENGINEERING	57/76	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 0.764
研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

48. **AU:** Tong, YL ; Dai, MZ ; Xing, L ; Liu, HQ ; Sun, WT ; Wu, X
TI: Asymmetric Hybrid Capacitor Based on NiCo2O4 Nanosheets Electrode
SO: ACTA PHYSICO-CHIMICA SINICA
UT WOS: 000521510700002
JCR 期刊分区:

ACTA PHYSICO-CHIMICA SINICA

impact factor
1.05 0.707
2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	129/148	Q4

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.05
研究领域: Chemistry

49. **AU:** Wang, S ; Zheng, ZB ; Zheng, KH ; Long, J ; Wang, J ; Ren, YY ; Li, YM
TI: High temperature oxidation behavior of heat resistant steel with rare earth element Ce
SO: MATERIALS RESEARCH EXPRESS
UT WOS: 000520031200001
JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

impact factor
1.449 1.405
2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	215/293	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.449

研究领域: Materials Science

50. **AU:** Yang, H ; Li, MC ; Li, SF ; Tao, AL ; Wu, YS

TI: A critical structured TiO2 with enhanced photocatalytic activity during the formation of yolk-shell structured TiO2

SO: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

UT WOS: 000518400500002

JCR 期刊分区:

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

impact factor

2.195 1.96

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	130/266	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	152/293	Q3
PHYSICS, APPLIED	68/148	Q2
PHYSICS, CONDENSED MATTER	35/68	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.195

研究领域: Engineering ； Materials Science ； Physics

51. **AU:** Meng, FB ; Huang, HJ ; Yuan, XG ; Cui, ZW ; Hu, XL

TI: Effect of Si addition on microstructure and mechanical properties of Al-Mg-Si-Zn alloy

SO: CHINA FOUNDRY

UT WOS: 000514996600003

JCR 期刊分区:

CHINA FOUNDRY

impact factor

0.733 0.589

2018 5年

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	59/76	Q4

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 0.733

研究领域: Metallurgy & Metallurgical Engineering

52. **AU:** Zhu, GN ; Wang, Z ; Qiu, WY ; Zhou, Y ; Zhou, L ; Wang, F ; Liu, Z ; Mao, PL

TI: Effect of Yttrium on Hot Tearing Susceptibility of Mg-6Zn-1Cu-0.6Zr Alloys

SO: INTERNATIONAL JOURNAL OF METALCASTING

UT WOS: 000511929100017

JCR 期刊分区:

INTERNATIONAL JOURNAL OF METALCASTING

2018 影响因子: 1.033

研究领域: Metallurgy & Metallurgical Engineering

53. AU: Zhu, HW ; Yu, BY ; Zhang, H ; Yu, BN ; Lv, SN ; Zheng, L ; Li, RX

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

SO: JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL

UT WOS: 000511963100010

JCR 期刊分区:

JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL

2018 影响因子: 1.382

研究领域: Metallurgy & Metallurgical Engineering

54. AU: Wu, HJ ; Wang, W ; Wang, F ; Li, BC ; Li, Q ; Xu, JH

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

SO: JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS

UT WOS: 000502886100049

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

55. **AU:** Chen, YQ ; Zhang, BY ; Wang, S ; Zhang, HY ; Feng, GH

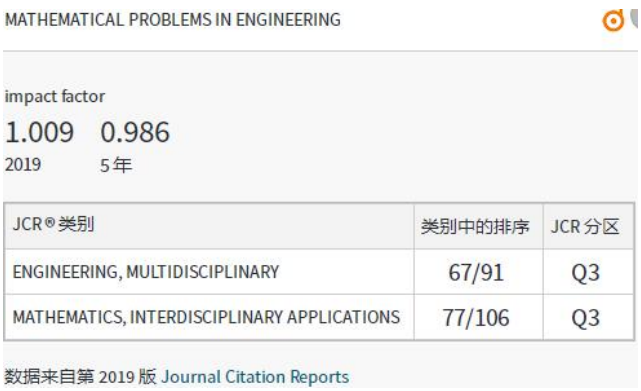
TI: Outer Rotor Permanent Magnet Passively Compensated Pulsed Alternator for Electromagnetic Railgun System

SO: MATHEMATICAL PROBLEMS IN ENGINEERING

UT WOS: 000522236000002

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

56. **AU:** Bian, JC ; Yu, BY ; Sun, WT ; Jiang, L ; Liu, XJ ; Zheng, L ; Li, RX

TI: Improving the microstructure and tensile properties of AZ91 magnesium alloy via electromagnetic stirring

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000516846800001

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

57. **AU:** Li, L ; Zhao, SY ; Zhang, NN ; Guo, YH ; Gan, HY

TI: Enhanced Wear Resistance of Iron-Based Alloy Coating Induced by Ultrasonic Impact

SO: COATINGS

UT WOS: 000506682800033

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

58. **AU:** Zhang, HY ; Li, XH ; Lin, L ; Zhang, SQ ; Wang, C ; Chen, LJ

TI: Effect of Aging Temperature on Microstructural Evolution and Mechanical Properties of a Novel beta Titanium Alloy

SO: RARE METAL MATERIALS AND ENGINEERING

UT WOS: 000504920800005

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

59. AU: Zhou, G ; Zhang, SQ ; Zhang, HY ; Yu, XM ; Liu, LR ; Chen, LJ

TI: Elevated Temperature Compression Deformation Behavior and Mechanism of GH79 Superalloy

SO: RARE METAL MATERIALS AND ENGINEERING

UT WOS: 000504920800024

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

60. AU: Wang, S ; Zheng, KH ; Zheng, ZB ; Wang, J ; Long, J ; Li, YM

TI: Effect of Zr on microstructure and high-temperature mechanical properties of austenitic heat resistant steel

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000504257100002

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

61. AU: Zhu, QY ; Chen, LJ ; Zhu, GQ ; Huo, XR

TI: Hysteresis energy based low cycle fatigue properties analysis in extruded Al-7Zn-2Mg-1.5Cu-0.2Sc-0.1Zr alloy at low temperature

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000504279000014

JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

2019 影响因子: 1.929

研究领域: Materials Science

62. AU: Zhang, K ; Liu, ZJ

TI: Global Robust Control Model of Friction Stir Welding of Aluminum Alloy Based on Main Motor Power Output Prediction

SO: IEEE ACCESS

UT WOS: 000520414800001

JCR 期刊分区:

IEEE ACCESS

2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

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

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

SO: JOURNAL OF MATERIALS PROCESSING TECHNOLOGY

UT WOS: 000535703700003

JCR 期刊分区:

JOURNAL OF MATERIALS PROCESSING TECHNOLOGY

impact factor

4.669 4.799

2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, INDUSTRIAL	8/48	Q1
ENGINEERING, MANUFACTURING	9/50	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	79/314	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.669

研究领域: Engineering ； Materials Science

64. **AU:** Sun, PP ; Zhang, YH ; Yu, XH ; Shi, Q ; Tian, B ; Gao, J ; Shi, FN

TI: Cu powder decorated 3D Mn-MOF with excellent electrochemical properties for supercapacitors

SO: INORGANICA CHIMICA ACTA

UT WOS: 000531818800012

JCR 期刊分区:

INORGANICA CHIMICA ACTA

impact factor

2.304 1.926

2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, INORGANIC & NUCLEAR	20/45	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.304

研究领域: Chemistry

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

TI: Hot tearing susceptibility of alternative magnetic field treated Mg-7Zn-1Cu-0.6Zr alloy: Experimental and theoretical study

SO: MATERIALS LETTERS

UT WOS: 000540046300020

JCR 期刊分区:

MATERIALS LETTERS

2019 影响因子: 3.204

研究领域: Materials Science ； Physics

66. **AU:** Liu, C ; Wu, X ; Wang, B

TI: Performance modulation of energy storage devices: A case of Ni-Co-S electrode materials

SO: CHEMICAL ENGINEERING JOURNAL

UT WOS: 000525862500020

JCR 期刊分区:

CHEMICAL ENGINEERING JOURNAL

2019 影响因子: 10.652

研究领域: Engineering

67. **AU:** Shang, C ; Wang, CY ; Xu, GJ ; Li, CF ; Yang, G ; You, JH

TI: Dissimilar jointing of TA15 to Inconel718 by laser additive manufacturing using Nb/Cu bilayer

SO: JOURNAL OF MANUFACTURING PROCESSES

UT WOS: 000540898200015

JCR 期刊分区:

JOURNAL OF MANUFACTURING PROCESSES

2019 影响因子: 4.086

研究领域: Engineering

68. **AU:** Li, N ; Jia, CL ; Wang, ZW ; Wu, LH ; Ni, DR ; Li, ZK; Fu, HM ; Xue, P ; Xiao, BL ; Ma, ZY ; Shao, Y ; Chang, YL

TI: Achieving a High-Strength CoCrFeNiCu High-Entropy Alloy with an Ultrafine-Grained Structure via Friction Stir Processing

SO: ACTA METALLURGICA SINICA-ENGLISH LETTERS

UT WOS: 000538493700005

JCR 期刊分区:

ACTA METALLURGICA SINICA-ENGLISH LETTERS

2019 影响因子: 2.09

研究领域: Metallurgy & Metallurgical Engineering

69. **AU:** Ma, RX ; Liu, ZQ ; Wang, WB ; Xu, GJ ; Wang, W

TI: Laser deposition melting of TC4/TiAl functionally graded material

SO: VACUUM

UT WOS: 000538148400009

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	54/154	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

70. **AU:** Mai, ZY ; Zhang, XD ; Liu, YT ; Yu, H ; Wang, F

TI: Insight into the structure dependence on physical properties of the high temperature ceramics TaB2 boride

SO: VACUUM

UT WOS: 000538148400063

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	54/154	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

71. **AU:** Xu, YH ; Zhang, CH ; Zhang, S ; Qiao, RQ ; Zhang, JB ; Abdullah, AO

TI: Scanning velocity influence on microstructure evolution and mechanical properties of laser melting deposited 12CrNi2 low alloy steel

SO: VACUUM

UT WOS: 000538148400038

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	54/154	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

72. **AU:** Zhang, XD ; Dong, TH ; Ma, H ; Yu, H ; Li, XY ; Wang, F

TI: Insight into the vacancy effects on mechanical and electronic properties of V5Si3 silicides from first-principles calculations

SO: JOURNAL OF MOLECULAR GRAPHICS & MODELLING

UT WOS: 000534572200011

JCR 期刊分区:

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

2.079 1.989

2019 5年

JCR®类别	类别中的排序	JCR分区
BIOCHEMICAL RESEARCH METHODS	50/77	Q3
BIOCHEMISTRY & MOLECULAR BIOLOGY	221/297	Q3
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	59/109	Q3
CRYSTALLOGRAPHY	13/26	Q2
MATHEMATICAL & COMPUTATIONAL BIOLOGY	21/59	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.079

研究领域: Biochemistry & Molecular Biology ； Computer Science ； Crystallography ； Mathematical & Computational Biology

73. **AU:** Yao, JH ; Zhao, Y ; Wang, L ; Bao, WT ; He, Y

TI: Atomic layer deposition of gamma-Fe2O3 nanoparticles on modified MWCNT for efficient adsorption of Cr(VI) ions from aqueous solution

SO: JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS

UT WOS: 000528271700023

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

74. **AU:** Li, ZL ; Cong, YB ; Ma, XH ; Wei, ZY ; Cheng, CS ; Shi, FN ; Li, SX

TI: Absolute configuration of four chiral isomers of pyrisoxazole and their bioactivity

SO: PEST MANAGEMENT SCIENCE

UT WOS: 000541615500001

JCR 期刊分区:

PEST MANAGEMENT SCIENCE

impact factor

3.75 3.861

2019 5年

JCR®类别	类别中的排序	JCR分区
AGRONOMY	11/91	Q1
ENTOMOLOGY	7/101	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.75

研究领域: Agriculture ； Entomology

75. **AU:** Wu, C ; Zheng, W ; Feng, WJ ; Jiang, W

TI: Band Structures, Magnetism, Half-metallicity and Elastic Properties of Full-Heusler Alloy Cr2VSb

SO: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN

UT WOS: 000537748100030

JCR 期刊分区:

JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN

impact factor

1.579 1.441

2019 5年

JCR®类别	类别中的排序	JCR分区
PHYSICS, MULTIDISCIPLINARY	46/85	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.579

研究领域: Physics

76. **AU:** Zheng, BW ; Dong, FY ; Yuan, XG ; Zhang, Y ; Huang, HJ ; Zuo, XJ ; Luo, LS ; Wang, L ; Su, YQ ; Wang, X ; Shi, K

TI: Evaluation on tribological characteristics of (TiC+TiB)/Ti-6Al-4V composite in the range from 25 degrees C to 600 degrees C

SO: WEAR

UT WOS: 000531497200004

JCR 期刊分区:

WEAR

impact factor

4.108 4.169

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, MECHANICAL	19/130	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	91/314	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.108

研究领域: Engineering ； Materials Science

77. **AU:** Dai, MZ ; Zhao, DP ; Liu, HQ ; Tong, YL ; Hu, PF ; Wu, X

TI: Nanostructure and doping engineering of ZnCoP for high performance electrolysis of water

SO: MATERIALS TODAY ENERGY

UT WOS: 000539083500032

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

78. **AU:** Ma, RX ; Liu, ZQ ; Wang, WB ; Xu, GJ ; Wang, W

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

SO: MATERIALS CHARACTERIZATION

UT WOS: 000539355400032

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

79. AU: Zhao, DP ; Dai, MZ ; Zhao, Y ; Liu, HQ ; Liu, Y ; Wu, X

TI: Improving electrocatalytic activities of FeCo2O4@FeCo2S4@PPy electrodes by surface/interface regulation

SO: NANO ENERGY

UT WOS: 000532789900008

JCR 期刊分区:

NANO ENERGY

impact factor

16.602 15.988

2019 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	9/159	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	14/314	Q1
NANOSCIENCE & NANOTECHNOLOGY	7/103	Q1
PHYSICS, APPLIED	8/154	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 16.602

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

80. AU: Chen, JY ; Zhang, XD ; Ying, CH ; Ma, H ; Li, J ; Wang, F ; Guo, H

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

SO: CERAMICS INTERNATIONAL

UT WOS: 000528481900125

JCR 期刊分区:

CERAMICS INTERNATIONAL

impact factor

3.83 3.513

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, CERAMICS	2/28	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.83

研究领域: Materials Science

81. **AU:** Zou, CL ; Pang, JC ; Chen, LJ ; Li, SX ; Zhang, ZF

TI: The low-cycle fatigue property, damage mechanism and life prediction of compacted graphite iron: Influence of strain rate

SO: INTERNATIONAL JOURNAL OF FATIGUE

UT WOS: 000525299400041

JCR 期刊分区:

INTERNATIONAL JOURNAL OF FATIGUE

impact factor

4.369 4.03

2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MECHANICAL	16/130	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	88/314	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.369

研究领域: Engineering ； Materials Science

82. **AU:** Dai, MZ ; Jia, XX ; Liu, HQ ; Tong, YL ; Zhao, DP ; Wu, X ; Wang, B

TI: Enhanced electrochemical performances of ZnCo2O4@CoMoO4 core-shell structures with long cycling stabilities

SO: DALTON TRANSACTIONS

UT WOS: 000536730100005

JCR 期刊分区:

DALTON TRANSACTIONS

impact factor

4.174	3.812
2019	5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, INORGANIC & NUCLEAR	5/45	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.174

研究领域: Chemistry

83. AU: Wang, BB ; Luo, LS ; Dong, FY ; Wang, L ; Wang, HY ; Wang, FX ; Luo, L ; Su, BX ; Su, YQ ; Guo, JJ ; Fu, HZ

TI: Impact of hydrogen microalloying on the mechanical behavior of Zr-bearing metallic glasses: A molecular dynamics study

SO: JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY

UT WOS: 000526956200021

JCR 期刊分区:

JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY

impact factor

6.155	5.275
2019	5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	60/314	Q1
METALLURGY & METALLURGICAL ENGINEERING	4/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 6.155

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

84. AU: Tang, X ; Zhang, S ; Cui, X ; Zhang, CH ; Liu, Y ; Zhang, JB

TI: Effect of Heat Treatment on Microstructural Evolution and Tribological Characteristic of a Laser Melting Deposited 12CrNi2V Low-Alloy Steel

SO: STEEL RESEARCH INTERNATIONAL

UT WOS: 000532673200001

JCR 期刊分区:

STEEL RESEARCH INTERNATIONAL

2019 影响因子: 1.81

研究领域: Metallurgy & Metallurgical Engineering

85. AU: Wang, KN ; Su, RM ; Ma, SY ; Qu, YD ; Li, RD

TI: Microstructure and Mechanical Properties of AA7075 Alloy with Laser High-Temperature Pre-precipitation Process

SO: JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

UT WOS: 000532822000002

JCR 期刊分区:

JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

2019 影响因子: 1.652

研究领域: Materials Science

86. AU: Tao, AL ; Li, MC ; Li, SF ; Song, MG ; Wang, BT ; Niu, JM ; Yu, FY ; Wu, YS

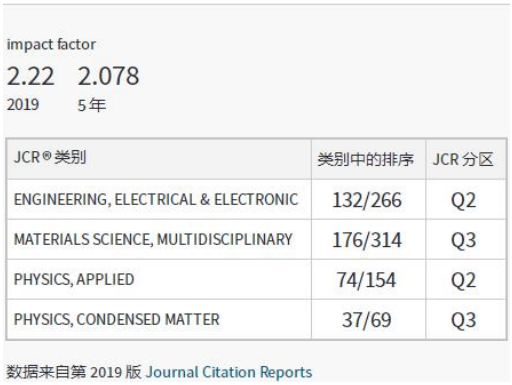
TI: Porous CoTiO3 with highly surface defects as effective sensing materials for ethanol detection

SO: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

UT WOS: 000531767900004

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	74/154	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

87. AU: Zhang, SO ; Yu, T ; Wen, H ; Guo, R ; Xu, JJ ; Zhong, RX ; Li, X ; You, JH

TI: Enhanced photocatalytic activity of a visible-light-driven ternary WO3/Ag/Ag3PO4 heterojunction: a discussion on electron transfer mechanisms

SO: RSC ADVANCES

UT WOS: 000533969200009

JCR 期刊分区:

RSC ADVANCES

impact factor

3.119 3.098

2019 5年

JCR®类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	73/177	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.119

研究领域: Chemistry

88. AU: You, JQ ; Zhao, YQ ; Dong, CL ; Wang, CG ; Miao, S ; Yi, YY ; Su,YH

TI: Microstructure characteristics and mechanical properties of stationary shoulder friction stir welded 2219-T6 aluminium alloy at high rotation speeds

SO: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

UT WOS: 000538253600003

JCR 期刊分区:

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

impact factor

2.633 2.925

2019 5年

JCR®类别	类别中的排序	JCR 分区
AUTOMATION & CONTROL SYSTEMS	32/63	Q3
ENGINEERING, MANUFACTURING	25/50	Q2

2019 影响因子: 2.633

研究领域: Automation & Control Systems ； Engineering

89. **AU:** Guiqing, ZQ ; Yinglei, RL ; Yunhai, SH

TI: Research for microstructure and mechanical properties of AZ91 magnesium alloy welded joint with magnetic field and activated flux

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000533369400001

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

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

TI: Dynamic compressive behaviour and microstructural evolution of extrusion-shear deformed ZC61 alloy

SO: MATERIALS SCIENCE AND TECHNOLOGY

UT WOS: 000533369400001

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

91. AU: Chen, J ; Zhang, XD ; Zhu, SY ; Ma, H ; Li, XY ; Yu, H ; Wang, F

TI: Elastic anisotropy and thermodynamics properties of BiCu2PO6, BiZn2PO6 and BiPb2PO6 ceramics materials from first-principles calculations

SO: CERAMICS INTERNATIONAL

UT WOS: 000528340500008

JCR 期刊分区:

CERAMICS INTERNATIONAL

impact factor

3.83 3.513

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, CERAMICS	2/28	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.83

研究领域: Materials Science

92. AU: Lin, JL ; Wang, ZJ ; Zhao, X ; Zhang, ZD

TI: Effect of SrRuO3 layer thickness on electrical properties of Pb(Zr0.52Ti0.48)O-3/SrRuO3 superlattices

SO: CERAMICS INTERNATIONAL

UT WOS: 000528340500098

JCR 期刊分区:

CERAMICS INTERNATIONAL

2019 影响因子: 3.83

研究领域: Materials Science

93. AU: Li, SF ; Li, MC ; Tao, AL ; Song, MG ; Wang, BT ; Niu, JM ; Yu, FY ; Wu, YS

TI: Synthesis of a bicontinuous structured SrTiO3 porous film with significant photocatalytic activity by controlling phase separation process

SO: JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY

UT WOS: 000528863500006

JCR 期刊分区:

JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY

2019 影响因子: 2.008

研究领域: Materials Science

94. AU: Tan, ZH ; Yang, L ; Wang, XG ; Du, YL ; Ye, LH ; Hou, GC ; Yang, YH ; Liu, JL ; Liu, JD ; Li, JG ; Zhou, YZ ; Sun, XF

TI: Evolution of TCP Phase During Long Term Thermal Exposure in Several Re-Containing Single Crystal Superalloys

SO: ACTA METALLURGICA SINICA-ENGLISH LETTERS

UT WOS: 000527992300011

JCR 期刊分区:

ACTA METALLURGICA SINICA-ENGLISH LETTERS

impact factor

2.09 1.894

2019 5年

JCR®类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	20/79	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.09

研究领域: Metallurgy & Metallurgical Engineering

95. AU: Lei, ZM ; Zhang, HZ ; Zhang, EL ; You, JH ; Ma, XX ; Bai, XZ

TI: Antibacterial activities and cell responses of Ti-Ag alloys with a hybrid micro- to nanostructured surface

SO: JOURNAL OF BIOMATERIALS APPLICATIONS

UT WOS: 000526974400003

JCR 期刊分区:

JOURNAL OF BIOMATERIALS APPLICATIONS

impact factor

2.22 2.369

2019 5年

JCR®类别	类别中的排序	JCR 分区
ENGINEERING, BIOMEDICAL	52/87	Q3
MATERIALS SCIENCE, BIOMATERIALS	28/38	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

96. AU: Han, YR ; Zhang, CH ; Cui, X ; Zhang, S ; Zhang, JB ; Liu, Y

TI: The formability and microstructure evolution of 24CrNiMo alloy steel fabricated by selective laser melting

SO: VACUUM

UT WOS: 000524971800042

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	54/154	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

97. AU: Tan, ZH ; Wang, XG ; Song, W ; Yang, YH ; Liu, JL ; Liu, JD ; Yang, L ; Zhou, YZ ; Sun, XF

TI: Oxidation behavior of a novel nickel-based single crystal superalloy at elevated temperature

SO: VACUUM

UT WOS: 000524971800027

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	54/154	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

98. AU: Wang, X ; Zhang, CH ; Cui, X ; Zhang, S ; Chen, J; Zhang, JB

TI: Microstructure and mechanical behavior of additive manufactured Cr-Ni-V low alloy steel in different heat treatment

SO: VACUUM

UT WOS: 000524971800021

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	54/154	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

99. AU: Li, ZX ; Zhang, S ; Cui, X ; Zhang, CH ; Chen, J ; Zhang, JB

TI: Effect of Temper on Deformation and Mechanical Behaviors of Laser Melt-Deposited 12CrNi2 Low-Alloy Steel

SO: JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

UT WOS: 000529460500002

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

100. AU: Leng, F ; Wang, F ; Wang, Z ; Du, XD ; Liu, Z ; Mao, PL

TI: HOT TEARING BEHAVIOR OF Mg-4Zn-xSn-0.6Zr ALLOYS

SO: INTERNATIONAL JOURNAL OF METALCASTING

UT WOS: 000528416700002

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

101. AU: Jin, BQ ; Zhang, NN ; Zhang, Y ; Li, DY

TI: Microstructure, phase composition and wear resistance of low valence electron concentration AlxCoCrFeNiSi high-entropy alloys prepared by vacuum arc melting

SO: JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL

UT WOS: 000528122400001

JCR 期刊分区:

JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL

impact factor

1.213 1.357

2019 5年

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	46/79	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.213

研究领域: Metallurgy & Metallurgical Engineering

102. AU: Zong, WA ; Zhang, S ; Zhang, CH ; Ren, L ; Wang, Q

TI: Design and characterization of selective laser-melted Ti6Al4V-5Cu alloy for dental implants

SO: MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION

UT WOS: 000526561200001

JCR 期刊分区:

MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION

impact factor

1.533 1.654

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	241/314	Q4
METALLURGY & METALLURGICAL ENGINEERING	36/79	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.533

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

103. AU: Liu, ZQ ; Ma, RX ; Xu, GJ ; Wang, WB ; Su, YH

TI: Effects of annealing on microstructure and mechanical properties of gamma-TiAl alloy fabricated via laser melting deposition

SO: TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA

UT WOS: 000531812800008

JCR 期刊分区:

TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA

impact factor

2.615	2.607
2019	5年

JCR®类别	类别中的排序	JCR分区
METALLURGY & METALLURGICAL ENGINEERING	15/79	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.615

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

104. AU: Xu, XC ; Shi, ZL ; Qiu, KQ

TI: Electro-fenton degradation of simulated petroleum wastewater by using Fe78Si9B13 metallic glasses

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000530507000001

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

105. AU: Wei, ZQ ; Liu, SM ; Liu, Z ; Wang, F ; Mao, PL ; Wang, XX ; Li, XX

TI: Effects of Zn content on Hot Tearing Susceptibility of Mg-7Gd-5Y-0.5Zr Alloy

SO: METALS

UT WOS: 000530137000118

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: Materials Science ； Metallurgy & Metallurgical Engineering

106. AU: Li, MC ; Wang, BT ; Tao, AL ; Li, SF

TI: Gas Sensing Properties of Cobalt Titanate with Multiscale Pore Structure: Experiment and Simulation

SO: SENSORS

UT WOS: 000529139700245

JCR 期刊分区:

SENSORS

impact factor

3.275 3.427

2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, ANALYTICAL	22/86	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	77/266	Q2
INSTRUMENTS & INSTRUMENTATION	15/64	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.275

研究领域: Chemistry ； Engineering ； Instruments & Instrumentation

107. AU: Wang, JH ; Yuan, XG ; Jin, PP ; Ma, HB ; Shi, B ; Zheng, HS ; Chen, TY ; Xia, WC

TI: Study on modified Johnson-Cook constitutive material model to predict the dynamic behavior Mg-1Al-4Y alloy

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000535224400022

JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

2019 影响因子: 1.929

研究领域: Materials Science

108. AU: Zhang, HY ; Zhang, ZP ; Li, ZY ; Sun, J ; Che, X ; Zhang, SQ ; Liang, Y ; Chen, LJ

TI: Low-cycle fatigue behavior of Ti-6Mo-5V-3Al-2Fe alloy with various types of secondary alpha phase

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000535225600008

JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

2019 影响因子: 1.929

研究领域: Materials Science

109. AU: Wu, X ; Zhao, YF

TI: A Special Issue on Emerging Low-Dimensional Nanomaterials for Advanced Energy and Catalytic Applications

SO: JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS

UT WOS: 000528327400001

JCR 期刊分区:

JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS

impact factor

0.771 0.611

2019 5年

JCR®类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	235/266	Q4
NANOSCIENCE & NANOTECHNOLOGY	102/103	Q4
PHYSICS, APPLIED	141/154	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.771

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

110. AU: Wang, GY ; Che, X ; Zhang, ZP ; Zhang, HY ; Zhang, SQ ; Li, ZY ; Sun, J

TI: Microstructure and Low-Cycle Fatigue Behavior of Al-9Si-4Cu-0.4Mg-0.3Sc Alloy with Different Casting States

SO: MATERIALS

UT WOS: 000515503100145

JCR 期刊分区:

MATERIALS

impact factor

3.057 3.424

2019 5年

JCR®类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	132/314	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.057

研究领域: Materials Science

111. AU: Yu, X ; Hu, F ; Cui, FH ; Zhao, J ; Guan, C ; Zhu, K

TI: The displacement reaction mechanism of the CuV2O6 nanowire cathode for rechargeable aqueous zinc ion batteries

SO: DALTON TRANSACTIONS

UT WOS: 000527529300010

JCR 期刊分区:

DALTON TRANSACTIONS

impact factor

4.174 3.812

2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, INORGANIC & NUCLEAR	5/45	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.174

研究领域: Chemistry

（三）电气工程学院（43 篇）

1. **AU:**Liu, GW ; Liu, MY ; Zhang, Y ; Wang, HJ ; Gerada, C

TI: High-Speed Permanent Magnet Synchronous Motor Iron Loss Calculation Method Considering Multiphysics Factors

SO:IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS

UT WOS:000521375400013

JCR 期刊分区:

IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS

impact factor

7.503 8.459

2018 5年

JCR®类别	类别中的排序	JCR分区
AUTOMATION & CONTROL SYSTEMS	2/62	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	14/266	Q1
INSTRUMENTS & INSTRUMENTATION	1/61	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子:7.503

研究领域: Automation & Control Systems ； Engineering ； Instruments & Instrumentation

2. **AU:**Zhang, ZY ; Yu, SY ; Zhang, FG ; Jin, S ; Wang, XH

TI: Electromagnetic and Structural Design of a Novel Low-Speed High-Torque Motor With Dual-Stator and PM-Reluctance Rotor

SO: IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

UT WOS:000522335800001

JCR 期刊分区:

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor
1.692 1.457
2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	160/266	Q3
PHYSICS, APPLIED	83/148	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子:1.692

研究领域: Engineering ； Physics

3. **AU:**Zhang, Y ; Yu, SY ; Liu, GW ; Zhang, H

TI: Comparative Research for a Novel Dual-Stator Synchronous Machine With Permanent Magnet-Reluctance Composite Rotor

SO: IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

UT WOS:000522301400001

JCR 期刊分区:

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor
1.692 1.457
2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	160/266	Q3
PHYSICS, APPLIED	83/148	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子:1.692

研究领域: Engineering ； Physics

4. **AU:** Otitoju, TA ; Okoye, PU ; Chen, GT ; Li, Y ; Okoye, MO ; Li, SX

TI: Advanced ceramic components: Materials, fabrication, and applications

SO: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

UT WOS: 000523605700002

JCR 期刊分区:

JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

impact factor
4.978 4.802
2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	38/172	Q1
ENGINEERING, CHEMICAL	15/138	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.978

研究领域: Chemistry ； Engineering

5. **AU:** Wang, XD ; Wang, YW ; Liu, YM

TI: Dynamic load frequency control for high-penetration wind power considering wind turbine fatigue load

SO: INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS

UT WOS: 000510527500109

JCR 期刊分区:

INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS

impact factor

4.418 4.262

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	46/266	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.418

研究领域: Engineering

6. **AU:** Si, N ; Wang, JM ; Guo, AB ; Zhang, F ; Zhang, FG ; Jiang, W

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

SO: PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

UT WOS: 000515321700069

JCR 期刊分区:

PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

impact factor

3.176 2.467

2018 5年

JCR® 类别	类别中的排序	JCR 分区
NANOSCIENCE & NANOTECHNOLOGY	45/94	Q2
PHYSICS, CONDENSED MATTER	22/68	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.176

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

7. **AU:** Ding, XY ; Yao, RY ; Zhai, XH ; Li, C ; Dong, HN

TI: An adaptive compensation droop control strategy for reactive power sharing in islanded microgrid

SO: ELECTRICAL ENGINEERING

UT WOS: 000523435000022

JCR 期刊分区:

ELECTRICAL ENGINEERING

2018 影响因子: 1.296

研究领域: Engineering

8. **AU:** Lou, JC ; Liu, AM ; Yu, SY

TI: A Reliable and Controllable Motor Actuator Without Permanent Magnetic for 40.5 kV Vacuum Circuit Breakers

SO: IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS

UT WOS: 000522460500029

JCR 期刊分区:

IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS

2018 影响因子: 3.347

研究领域: Engineering

9. **AU:** Wang, Z ; Zhang, YL ; Ren, ZY ; Koh, CS ; Mohammed, OA

TI: Modeling of Anisotropic Magnetostriction Under DC Bias Based on an Optimized BP Neural Network

SO: IEEE TRANSACTIONS ON MAGNETICS

UT WOS: 000521963300023

JCR 期刊分区:

IEEE TRANSACTIONS ON MAGNETICS

impact factor

1.651 1.588

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	166/266	Q3
PHYSICS, APPLIED	89/148	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.651

研究领域: Engineering ； Physics

10. **AU:** Wang, Z ; Zhang, YL ; Zhang, DH ; Ren, ZY ; Koh, CS

TI: Magnetostrictive Characteristics of the Grain-Oriented Electrical Steel in an Epstein Frame Magnetized with a DC Biased Magnetic Field

SO: JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

UT WOS: 000516214500002

JCR 期刊分区:

JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

impact factor

0.715 0.715

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	234/266	Q4

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 0.715

研究领域: Engineering

11. **AU:** Ke, L ; Zu, WN ; Du, Q ; Chen, J ; Ding, XD

TI: A bio-impedance quantitative method based on magnetic induction tomography for intracranial hematoma

SO: MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING

UT WOS: 000520059500001

JCR 期刊分区:

MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING

impact factor

2.039 2.158

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	61/106	Q3
ENGINEERING, BIOMEDICAL	49/80	Q3
MATHEMATICAL & COMPUTATIONAL BIOLOGY	23/59	Q2
MEDICAL INFORMATICS	16/26	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.039

研究领域: Computer Science ;Engineering ;Mathematical & Computational Biology ;Medical Informatics

12. AU: Zhang, YX ; Gendeel, MAA ; Peng, HD ; Qian, XY ; Xu, HQ

TI: Supervised Kohonen network with heterogeneous value difference metric for both numeric and categorical inputs

SO: SOFT COMPUTING

UT WOS: 000518595800013

JCR 期刊分区:

SOFT COMPUTING

impact factor

2.784 2.6

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	53/134	Q2
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	40/106	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.784

研究领域: Computer Science

13. AU: Sun, YP ; Lan, YP

TI: Research on Self-Learning Fuzzy Control of Controllable Excitation Magnetic Suspension Linear Synchronous Motor

SO: JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

UT WOS: 000507782400002

JCR 期刊分区:

JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

impact factor

0.715 0.715

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	234/266	Q4

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 0.715

研究领域: Engineering

14. **AU:** Sun, TH ; Zhang, TY ; Chen, Z ; Teng, Y

TI: Optimal operation of flexible heating systems for reducing wind power curtailment

SO: JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

UT WOS: 000507782400002

JCR 期刊分区:

JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

impact factor

0.715 0.715

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	234/266	Q4

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 0.715

研究领域: Engineering

15. **AU:** Sun, TH ; Zhang, TY ; Chen, Z ; Teng, Y

TI: Optimal operation of flexible heating systems for reducing wind power curtailment

SO: ELECTRICAL ENGINEERING

UT WOS: 000508079500003

JCR 期刊分区:

ELECTRICAL ENGINEERING

impact factor

1.296 1.34

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	193/266	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.296

研究领域: Engineering

16. AU: Liu, Y ; Xing, ZX ; Chen, L ; Xu, J ; Li, YL ; Wang, HX

TI: H-infinity Control for a Class of Discrete-Time Systems via Data-Based Policy Iteration With Application to Wind Turbine Control

SO: IEEE ACCESS

UT WOS: 000524736700018

JCR 期刊分区:

IEEE ACCESS

impact factor

4.098 4.54

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	23/155	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	52/266	Q1
TELECOMMUNICATIONS	19/88	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.098

研究领域: Computer Science ； Engineering ； Telecommunications

17. AU: Deng, BF ; Teng, Y ; Hui, Q ; Zhang, TY ; Qian, XY

TI: Real-Coded Quantum Optimization-Based Bi-Level Dispatching Strategy of Integrated Power and Heat systems

SO: IEEE ACCESS

UT WOS: 000524680900001

JCR 期刊分区:

IEEE ACCESS

impact factor

4.098 4.54

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	23/155	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	52/266	Q1
TELECOMMUNICATIONS	19/88	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.098

研究领域: Computer Science ； Engineering ； Telecommunications

18. AU: Chen, YQ ; Zhang, BY ; Wang, S ; Zhang, HY ; Feng, GH

TI: Outer Rotor Permanent Magnet Passively Compensated Pulsed Alternator for Electromagnetic Railgun System

SO: MATHEMATICAL PROBLEMS IN ENGINEERING

UT WOS: 000522236000002

JCR 期刊分区:

MATHEMATICAL PROBLEMS IN ENGINEERING

2019 影响因子: 1.009

研究领域: Engineering ； Mathematics

19. **AU:** Ji, HC ; Yang, JY ; Wang, HX ; Tian, K ; Okoye, MO ; Feng, JW

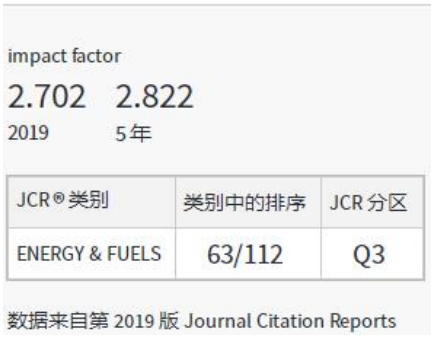
TI: Electricity Consumption Prediction of Solid Electric Thermal Storage with a Cyber-Physical Approach

SO: ENERGIES

UT WOS: 000506918400137

JCR 期刊分区:

ENERGIES



2019 影响因子: 2.702

研究领域: Energy & Fuels

20. **AU:** Teng, Y ; Sun, P ; Hui, Q ; Li, Y ; Chen, Z

TI: A Model of Electro-thermal Hybrid Energy Storage System for Autonomous Control Capability Enhancement of Multi-energy Microgrid

SO: CSEE JOURNAL OF POWER AND ENERGY SYSTEMS

UT WOS: 000511345000008

JCR 期刊分区:

CSEE JOURNAL OF POWER AND ENERGY SYSTEMS

impact factor

3.115

2019

JCR® 类别	类别中的排序	JCR 分区
ENERGY & FUELS	58/112	Q3
ENGINEERING, ELECTRICAL & ELECTRONIC	84/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.115

研究领域: Energy & Fuels ； Engineering

21. **AU:** Li, T ; Li, YL ; Yang, JY ; Ge, WC ; Hu, B

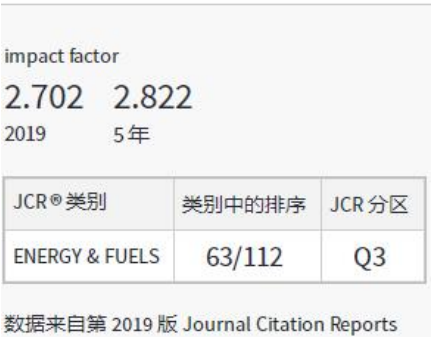
TI: A Modified DSC-Based Grid Synchronization Method for a High Renewable Penetrated Power System Under Distorted Voltage Conditions

SO: ENERGIES

UT WOS: 000512340000019

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

22. **AU:** Teng, Y ; Hui, Q ; Li, Y ; Leng, O ; Chen, Z

TI: Availability estimation of wind power forecasting and optimization of day-ahead unit commitment

SO: JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY

UT WOS: 000504342900026

JCR 期刊分区:

JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY

impact factor

3.09 2.905

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	89/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.09

研究领域: Engineering

23. **AU:** Deng, BF ; Fang, JK ; Hui, Q ; Zhang, TY ; Chen, Z ; Teng, Y ; Xi, X

TI: Optimal Scheduling for Combined District Heating and Power Systems Using Subsidy Strategies

SO: CSEE JOURNAL OF POWER AND ENERGY SYSTEMS

UT WOS: 000511344100013

JCR 期刊分区:

CSEE JOURNAL OF POWER AND ENERGY SYSTEMS

impact factor

3.115

2019

JCR® 类别	类别中的排序	JCR 分区
ENERGY & FUELS	58/112	Q3
ENGINEERING, ELECTRICAL & ELECTRONIC	84/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.115

研究领域: Energy & Fuels ； Engineering

24. **AU:** Wang, SL ; Zhang, S ; Ma, SH

TI: An Energy Efficiency Optimization Method for Fixed Pitch Propeller Electric Aircraft Propulsion Systems

SO: IEEE ACCESS

UT WOS: 000497167600094

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

25. AU: Li, JH ; Ke, L ; Du, Q ; Ding, XD ; Chen, XM ; Wang, DN

TI: Heart Sound Signal Classification Algorithm: A Combination of Wavelet Scattering Transform and Twin Support Vector Machine

SO: IEEE ACCESS

UT WOS: 000509483800157

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

26. AU: Zhao, XM ; Fu, DX

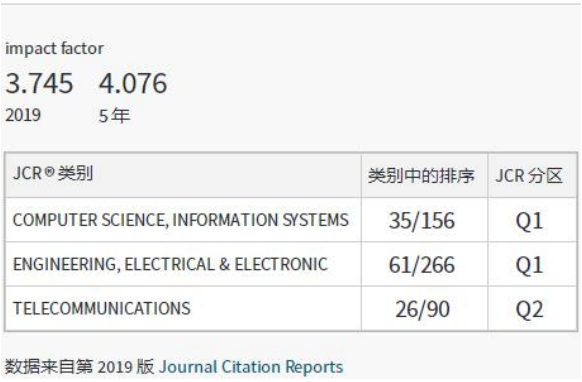
TI: Adaptive Neural Network Nonsingular Fast Terminal Sliding Mode Control for Permanent Magnet Linear Synchronous Motor

SO: IEEE ACCESS

UT WOS: 000509483800242

JCR 期刊分区:

IEEE ACCESS



2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

27. AU: Teng, Y ; Sun, P ; Leng, O ; Chen, Z ; Zhou, GP

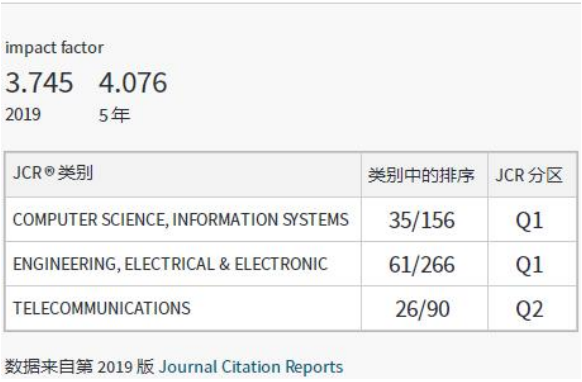
TI: Optimal Operation Strategy for Combined Heat and Power System Based on Solid Electric Thermal Storage Boiler and Thermal Inertia

SO: IEEE ACCESS

UT WOS: 000509483800274

JCR 期刊分区:

IEEE ACCESS



2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

28. AU: Sun, YP ; Lan, YP

TI: Optimal Design of Electromagnetic Force of Hidden-Pole Magnetic Suspension Linear Motor

SO: IEEE ACCESS

UT WOS: 000510247700001

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:** Li, Q ; Li, RD ; Wang, W ; Geng, RZ ; Huang, H ; Zheng, SJ

TI: Magnetic and thermodynamic characteristics of a rectangle Ising nanoribbon

SO: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS

UT WOS: 000540724200025

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	26/85	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.924

研究领域: Physics

30. **AU:** Yang, Y ; Li, B ; Wu, XJ ; Yang, LJ

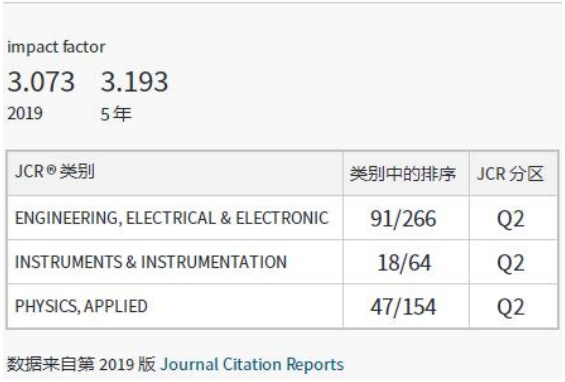
TI: Application of Adaptive Cubature Kalman Filter to In-Pipe Survey System for 3D Small-Diameter Pipeline Mapping

SO: IEEE SENSORS JOURNAL

UT WOS: 000536772100014

JCR 期刊分区:

IEEE SENSORS JOURNAL



2019 影响因子: 3.073

研究领域: Engineering ； Instruments & Instrumentation ； Physics

31. AU: Wang, HX ; Yang, JY ; Chen, Z ; Li, G ; Liang, J ; Ma, YM ; Dong, HN ; Ji, HC ; Feng, JW

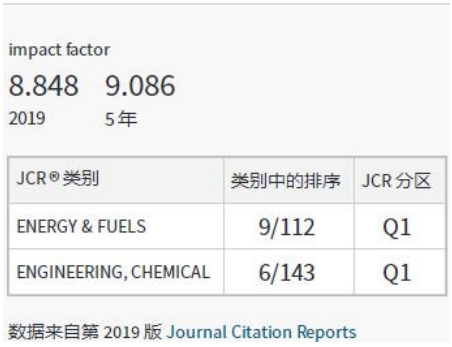
TI: Optimal dispatch based on prediction of distributed electric heating storages in combined electricity and heat networks

SO: APPLIED ENERGY

UT WOS: 000537365200014

JCR 期刊分区:

APPLIED ENERGY



2019 影响因子: 8.848

研究领域: Energy & Fuels ； Engineering

32. AU: Zhang, Z ; Jin, S ; Zhang, ZF ; Zhang, FG ; Li, BL

TI: Novel space vector PWM technology with lower common-mode voltage for dual three-phase PMSM

SO: IET POWER ELECTRONICS

UT WOS: 000536563600014

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

33. **AU:** Chen, C ; Xu, JY ; Xin, L ; Li, XL

TI: State diagnosis method of transformer winding deformation based on fusing vibration and reactance parameters

SO: IET ELECTRIC POWER APPLICATIONS

UT WOS: 000536106600011

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

34. **AU:** Li, QS (Li, Qiaoshan)[1] ; Zhang, BY (Zhang, Bingyi)[1] ; Liu, AM

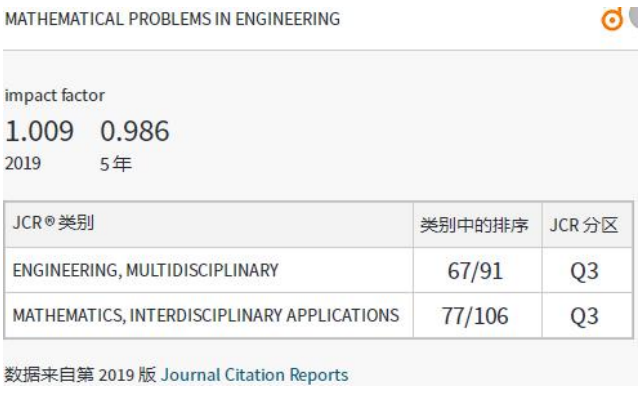
TI: Electromagnetic Force Analysis of Eccentric Axial Flux Permanent Magnet Machines

SO: MATHEMATICAL PROBLEMS IN ENGINEERING

UT WOS: 000534253600002

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

35. AU: Zhao, DH ; Yang, JY ; Bai, DC ; Okoye, MO ; Hiroshi, Y

TI: Quantitative Estimation of Differentiated Mental Fatigue between Self-Rising Transfer and Multiple Welfare Robots-Assisted Rising Transfer

SO: ELECTRONICS

UT WOS: 000539533200053

JCR 期刊分区:

ELECTRONICS

impact factor
2.412
2019

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	125/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.412

研究领域: Engineering

36. AU: Zhou, YH ; Guo, SK ; Xu, F ; Cui, D ; Ge, WC ; Chen, XD ; Gu, B

TI: Multi-Time Scale Optimization Scheduling Strategy for Combined Heat and Power System Based on Scenario Method

SO: ENERGIES

UT WOS: 000537688400068

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

37. AU: Jin, HY ; Teng, Y ; Zhang, TY ; Wang, ZD ; Chen, Z

TI: A Deep Neural Network Coordination Model for Electric Heating and Cooling Loads Based on IoT Data

SO: CSEE JOURNAL OF POWER AND ENERGY SYSTEMS

UT WOS: 000538422000003

JCR 期刊分区:

CSEE JOURNAL OF POWER AND ENERGY SYSTEMS

impact factor
3.115
2019

JCR® 类别	类别中的排序	JCR 分区
ENERGY & FUELS	58/112	Q3
ENGINEERING, ELECTRICAL & ELECTRONIC	84/266	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.115

研究领域: Energy & Fuels ； Engineering

38. **AU:** Zhou, YH ; Zhao, PC ; Xu, F ; Cui, D ; Ge, WC ; Chen, XD ; Gu, B

TI: Optimal Dispatch Strategy for a Flexible Integrated Energy Storage System for Wind Power Accommodation

SO: ENERGIES

UT WOS: 000524318700060

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

39. **AU:** Zhang, C ; Chen, LX ; Wang, XY ; Tang, RY

TI: Loss Calculation and Thermal Analysis for High-Speed Permanent Magnet Synchronous Machines

SO: IEEE ACCESS

UT WOS: 000539041600030

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

40. **AU:** Liu, YD ; Wang, LM ; Liu, LW

TI: Model Reference Control for Linear Time-Varying Systems: A Direct Parametric Approach

SO: IEEE ACCESS

UT WOS: 000527413300006

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

41. **AU:** Wang, SL ; Cui, X ; Ma, SH ; Pang, ZY ; Feng, YN ; Zhang, S

TI: A Design Method of Air-Cooled Radiator Based on Electric Aircraft Controller

SO: IEEE ACCESS

UT WOS: 000527413100052

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

42. AU: Chen, J ; Ke, L ; Du, Q ; Long, Z

TI: Feasibility of Sectional Bioelectrical Impedance Spectrum Evaluating Joint Effusion in Rat

SO: IEEE ACCESS

UT WOS: 000525390100017

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

43. AU: Wang, XD ; Gao, X ; Liu, YM ; Wang, YW

TI: WRC-SDT Based On-Line Detection Method for Offshore Wind Farm Transmission Line

SO: IEEE ACCESS

UT WOS: 000524749000050

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（35 篇）

1. **AU:** Zhang, ZH ; Liu, D ; Deng, C ; Fan, QY

TI: A dynamic event-triggered resilient control approach to cyber-physical systems under asynchronous DoS attacks

SO: INFORMATION SCIENCES

UT WOS: 000522097600016

JCR 期刊分区:

INFORMATION SCIENCES

impact factor

5.524 5.305

2018 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	9/155	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 5.524

研究领域: Computer Science

2. **AU:** Xie, HL ; Yang, K ; Li, F ; Sun, C ; Yu, ZP

TI: Investigation on the Laves phase formation during laser cladding of IN718 alloy by CA-FE

SO: JOURNAL OF MANUFACTURING PROCESSES

UT WOS: 000518850100012

JCR 期刊分区:

JOURNAL OF MANUFACTURING PROCESSES

2018 影响因子: 3.462

研究领域: Engineering

3. **AU:** Zhang, J ; Liu, YT ; Zhang, XL ; Ma, ZY ; Li, J ; Zhang, C ; Shaikenova, A ; Renat, B ; Liu, BD

TI: High-Performance Ultraviolet-Visible Light-Sensitive 2D-MoS2/1D-ZnO Heterostructure Photodetectors

SO: CHEMISTRYSELECT

UT WOS: 000520610800039

JCR 期刊分区:

CHEMISTRYSELECT

2018 影响因子: 1.716

研究领域: Chemistry

4. **AU:** Li, SJ ; Wang, W

TI: Adaptive robust H-infinity control for double support balance systems

SO: INFORMATION SCIENCES

UT WOS: 000512221800033

JCR 期刊分区:

INFORMATION SCIENCES

2018 影响因子: 5.524

研究领域: Computer Science

5. **AU:** Jung, G ; Jeong, Y ; Hong, Y ; Wu, ML ; Hong, S ; Shin, W ; Park, J ; Jang, D ; Lee, JH

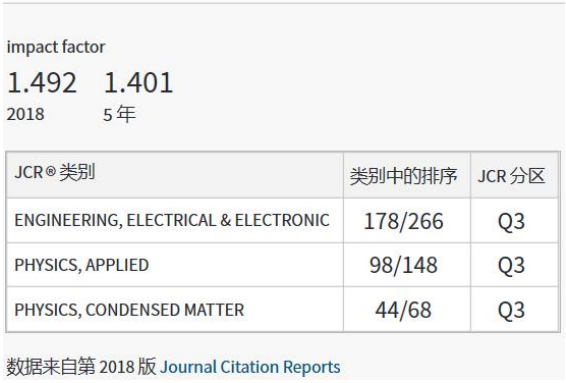
TI: SO2 gas sensing characteristics of FET- and resistor-type gas sensors having WO3 as sensing material

SO: SOLID-STATE ELECTRONICS

UT WOS: 000510833600011

JCR 期刊分区:

SOLID-STATE ELECTRONICS



2018 影响因子: 1.492

研究领域: Engineering ； Physics

6. **AU:** Xie, J ; Yan, H ; Li, SJ ; Yang, D

TI: Almost output regulation model reference adaptive control for switched systems: combined adaptive strategy

SO: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE

UT WOS: 000513790500001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE

impact factor

2.469 2.185

2018 5年

JCR® 类别	类别中的排序	JCR 分区
AUTOMATION & CONTROL SYSTEMS	30/62	Q2
COMPUTER SCIENCE, THEORY & METHODS	30/105	Q2
OPERATIONS RESEARCH & MANAGEMENT SCIENCE	28/84	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.469

研究领域: Automation & Control Systems ;Computer Science ;Operations Research & Management Science

7. AU: Xie, HL ; Li, GC ; Zhao, XF ; Li, F

TI: Prediction of Limb Joint Angles Based on Multi-Source Signals by GS-GRNN for Exoskeleton Wearer

SO: SENSORS

UT WOS: 000522448600155

JCR 期刊分区:

SENSORS

impact factor

3.031 3.302

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, ANALYTICAL	23/84	Q2
ELECTROCHEMISTRY	12/26	Q2
INSTRUMENTS & INSTRUMENTATION	15/61	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.031

研究领域: Chemistry ;Engineering ;Instruments & Instrumentation

8. AU: Liu, B ; Liu, ZQ ; Luo, N ; He, LY ; Ren, J ; Zhang, H

TI: Research on Features of Pipeline Crack Signal Based on Weak Magnetic Method

SO: SENSORS

UT WOS: 000517786200234

JCR 期刊分区:

SENSORS

impact factor

3.031 3.302

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, ANALYTICAL	23/84	Q2
ELECTROCHEMISTRY	12/26	Q2
INSTRUMENTS & INSTRUMENTATION	15/61	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.031

研究领域: Chemistry ;Engineering ;Instruments & Instrumentation

9. **AU:** Zhang, YX ; Gendeel, MAA ; Peng, HD ; Qian, XY ; Xu, HQ

TI: Supervised Kohonen network with heterogeneous value difference metric for both numeric and categorical inputs

SO: SOFT COMPUTING

UT WOS: 000518595800013

JCR 期刊分区:

SOFT COMPUTING

impact factor

2.784 2.6

2018 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	53/134	Q2
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	40/106	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.784

研究领域: Computer Science

10. **AU:** Hao, LC ; Hong, WY ; Wei, QJ ; Zhao, DW ; Rui, S

TI: Product Service Scheduling Problem with Service Matching Based on Tabu Search Method

SO: JOURNAL OF ADVANCED TRANSPORTATION

UT WOS: 000514363900005

JCR 期刊分区:

JOURNAL OF ADVANCED TRANSPORTATION

impact factor

1.983 1.982

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, CIVIL	56/132	Q2
TRANSPORTATION SCIENCE & TECHNOLOGY	21/37	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.983

研究领域: Engineering ;Transportation

11. **AU:** Li, DJ ; Li, SL ; Yuan, WQ

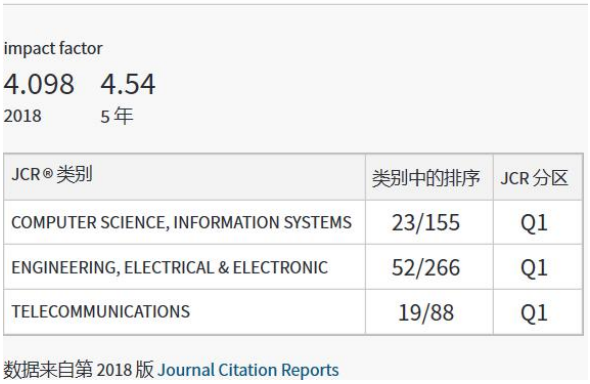
TI: Flexible Printed Circuit Fracture Detection Based on Hypothesis Testing Strategy

SO: IEEE ACCESS

UT WOS: 000524652500003

JCR 期刊分区:

IEEE ACCESS



impact factor

4.098 4.54

2018 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	23/155	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	52/266	Q1
TELECOMMUNICATIONS	19/88	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.098

研究领域: Computer Science ； Engineering ； Telecommunications

12. **AU:** Tian, ZD

TI: Chaotic characteristic analysis of network traffic time series at different time scales

SO: CHAOS SOLITONS & FRACTALS

UT WOS: 000514570600010

JCR 期刊分区:

CHAOS SOLITONS & FRACTALS

impact factor

3.064 2.597

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	12/105	Q1
PHYSICS, MATHEMATICAL	3/55	Q1
PHYSICS, MULTIDISCIPLINARY	19/81	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.064

研究领域: Mathematics ； Physics

13. AU: Xie, HL ; Zhao, XF ; Sun, QH ; Yang, K ; Li, F

TI: A new virtual-real gravity compensated inverted pendulum model and ADAMS simulation for biped robot with heterogeneous legs

SO: JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY

UT WOS: 000511865200038

JCR 期刊分区:

JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY

impact factor

1.221	1.356
2018	5 年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, MECHANICAL	89/129	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.221

研究领域: Engineering

14. AU: Yang, LJ ; Wang, ZJ ; Gao, SW

TI: Pipeline Magnetic Flux Leakage Image Detection Algorithm Based on Multiscale SSD Network

SO: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS

UT WOS: 000508428900048

JCR 期刊分区:

IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS

impact factor

7.377	8.423
2018	5 年

JCR® 类别	类别中的排序	JCR 分区
AUTOMATION & CONTROL SYSTEMS	3/62	Q1
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	4/106	Q1
ENGINEERING, INDUSTRIAL	1/46	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 7.377

研究领域: Automation & Control Systems ； Computer Science ； Engineering

15. AU: Chang, HB ; Wang, SY ; Sun, P

TI: Dynamic output feedback control for a walking assistance training robot to handle shifts in the center of gravity and time-varying arm of force in omniwheel

SO: INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS

UT WOS: 000506360300001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS

impact factor

1.223 1.317

2018 5 年

JCR® 类别	类别中的排序	JCR 分区
ROBOTICS	22/26	Q4

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.223

研究领域: Robotics

16. **AU:** Liu, X ; Zhang, L ; Qin, SR ; Tian, DJ ; Ouyang, SH ; Chen, C

TI: Optimized LOAM Using Ground Plane Constraints and SegMatch-Based Loop Detection

SO: SENSORS

UT WOS: 000517961400082

JCR 期刊分区:

SENSORS

impact factor

3.275 3.427

2019 5 年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, ANALYTICAL	22/86	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	77/266	Q2
INSTRUMENTS & INSTRUMENTATION	15/64	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.275

研究领域: Chemistry ； Engineering ； Instruments & Instrumentation

17. **AU:** Yang, K ; Xie, HL ; Sun, C ; Zhao, XF ; Li, F

TI: Influence of Vanadium on the Microstructure of IN718 Alloy by Laser Cladding

SO: MATERIALS

UT WOS: 000510178700035

JCR 期刊分区:

MATERIALS

impact factor

3.057 3.424

2019 5 年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	132/314	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.057

研究领域: Materials Science

18. **AU:** Du, ZZ ; Sun, Y ; Wang, DD ; Higashi, O ; Bai, S ; Noguchi, Y ; Enpuku, K ; Yoshida, T

TI: Amplitude and phase of higher harmonic of magnetic nanoparticles? magnetization under low frequency magnetic field

SO: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

UT WOS: 000536783300007

JCR 期刊分区:

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

impact factor

2.717 2.723

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	149/314	Q2
PHYSICS, CONDENSED MATTER	30/69	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.717

研究领域: Materials Science ； Physics

19. **AU:** Mai, ZY ; Zhang, XD ; Liu, YT ; Yu, H ; Wang, F

TI: Insight into the structure dependence on physical properties of the high temperature ceramics TaB2 boride

SO: VACUUM

UT WOS: 000538148400063

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	54/154	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

20. **AU:** Zhang, XD ; Dong, TH ; Ma, H ; Yu, H ; Li, XY ; Wang, F

TI: Insight into the vacancy effects on mechanical and electronic properties of V5Si3 silicides from first-principles calculations

SO: JOURNAL OF MOLECULAR GRAPHICS & MODELLING

UT WOS: 000534572200011

JCR 期刊分区:

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

2.079 1.989

2019 5年

JCR® 类别	类别中的排序	JCR 分区
BIOCHEMICAL RESEARCH METHODS	50/77	Q3
BIOCHEMISTRY & MOLECULAR BIOLOGY	221/297	Q3
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	59/109	Q3
CRYSTALLOGRAPHY	13/26	Q2
MATHEMATICAL & COMPUTATIONAL BIOLOGY	21/59	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.079

研究领域: Biochemistry & Molecular Biology ； Computer Science ； Crystallography ； Mathematical & Computational Biology

21. **AU:** Tian, ZD

TI: A Method to Predict Random Time-Delay of Networked Control System

SO: IETE JOURNAL OF RESEARCH

UT WOS: 000540988900001

JCR 期刊分区:

IETE JOURNAL OF RESEARCH

impact factor

1.125 0.951

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	212/266	Q4
TELECOMMUNICATIONS	78/90	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.125

研究领域: Engineering ； Telecommunications

22. **AU:** Chang, HB ; Wang, SY ; Sun, P

TI: Stochastic adaptive tracking for a rehabilitative training walker with control constraints considering the omniwheel touchdown characteristic

SO: INTERNATIONAL JOURNAL OF CONTROL

UT WOS: 000527870500012

JCR 期刊分区:

INTERNATIONAL JOURNAL OF CONTROL

impact factor

2.78 2.562

2019 5年

JCR®类别	类别中的排序	JCR分区
AUTOMATION & CONTROL SYSTEMS	28/63	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.78

研究领域: Automation & Control Systems

23. AU: Tian, ZD

TI: A combined prediction approach based on wavelet transform for crop water requirement

SO: WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY

UT WOS: 000537271000025

JCR 期刊分区:

WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY

impact factor

0.9 0.917

2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, ENVIRONMENTAL	48/53	Q4
ENVIRONMENTAL SCIENCES	242/265	Q4
WATER RESOURCES	83/94	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 0.9

研究领域: Engineering ； Environmental Sciences & Ecology ； Water Resources

24. AU: Chen, C ; Xu, JY ; Xin, L ; Li, XL

TI: State diagnosis method of transformer winding deformation based on fusing vibration and reactance parameters

SO: IET ELECTRIC POWER APPLICATIONS

UT WOS: 000536106600011

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

25. AU: Tian, ZD

TI: Short-term wind speed prediction based on LMD and improved FA optimized combined kernel function LSSVM

SO: ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE

UT WOS: 000528195100012

JCR 期刊分区:

ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE

impact factor

4.201 3.81

2019 5年

JCR® 类别	类别中的排序	JCR 分区
AUTOMATION & CONTROL SYSTEMS	16/63	Q2
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	33/136	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	49/266	Q1
ENGINEERING, MULTIDISCIPLINARY	13/91	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.201

研究领域: Automation & Control Systems ； Computer Science ； Engineering

26. AU: Chen, J ; Zhang, XD ; Zhu, SY ; Ma, H ; Li, XY ; Yu, H ; Wang, F

TI: Elastic anisotropy and thermodynamics properties of BiCu2PO6, BiZn2PO6 and BiPb2PO6 ceramics materials from first-principles calculations

SO: CERAMICS INTERNATIONAL

UT WOS: 000528340500008

JCR 期刊分区:

CERAMICS INTERNATIONAL

impact factor

3.83 3.513

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, CERAMICS	2/28	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.83

研究领域: Materials Science

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

TI: Electrical capacitance tomography image reconstruction by improved orthogonal matching pursuit algorithm

SO: IET SCIENCE MEASUREMENT & TECHNOLOGY

UT WOS: 000528895200015

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

28. **AU:** Li, DJ ; Li, SL ; Yuan, WQ

TI: Positional deviation detection of silicone caps on FPCB

SO: CIRCUIT WORLD

UT WOS: 000526075600001

JCR 期刊分区:

CIRCUIT WORLD

impact factor

1.395 0.965

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	194/266	Q3
MATERIALS SCIENCE, MULTIDISCIPLINARY	248/314	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.395

研究领域: Engineering ； Materials Science

29. **AU:** Tian, ZD

TI: Network traffic prediction method based on wavelet transform and multiple models fusion

SO: INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS

UT WOS: 000526020400001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS

impact factor

1.319 1.137

2019 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	198/266	Q3
TELECOMMUNICATIONS	73/90	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.319

研究领域: Engineering ； Telecommunications

30. AU: Li, F ; Li, XD ; Xie, HL

TI: Modular design research of computer numerical control machine tools oriented to customer requirements

SO: ADVANCES IN MECHANICAL ENGINEERING

UT WOS: 000528900100001

JCR 期刊分区:

ADVANCES IN MECHANICAL ENGINEERING

impact factor

1.161 1.203

2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MECHANICAL	106/130	Q4
THERMODYNAMICS	51/61	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.161

研究领域: Thermodynamics ； Engineering

31. AU: Gui, J ; Zheng, ZY ; Fu, DZ ; Yang, ZH ; Gao, Y ; Liu, Z

TI: Dynamics of calling activity to toll-free numbers in China

SO: PLOS ONE

UT WOS: 000535934200034

JCR 期刊分区:

ADVANCES IN MECHANICAL ENGINEERING

impact factor

1.161 1.203

2019 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MECHANICAL	106/130	Q4
THERMODYNAMICS	51/61	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.161

研究领域: Science & Technology - Other Topics

32. AU: Li, F ; Sun, JY ; Xie, HL ; Yang, K ; Zhao, XF

TI: Thermal Deformation of PA66/Carbon Powder Composite Made with Fused Deposition Modeling

SO: MATERIALS

UT WOS: 000515503100026

JCR 期刊分区:

MATERIALS

impact factor

3.057 3.424

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	132/314	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.057

研究领域: Materials Science

33. **AU:** Yuan, WQ ; Liu, Y

TI: A Defect Detection Method for the Image With Intersecting Feature

SO: IEEE ACCESS

UT WOS: 000538765600156

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

34. **AU:** Guo, Y ; Ma, B ; Li, YS

TI: A Kernel-Width Adaption Diffusion Maximum Correntropy Algorithm

SO: IEEE ACCESS

UT WOS: 000529200600001

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

35. AU: Yu, SY ; Zhang, Y ; Chen, CZ ; Zhang, FG ; Nian, H

TI: Loss Estimation of Brushless Doubly-Fed Generator With Hybrid Rotor Considering Multiple Influence Factors

SO: IEEE ACCESS

UT WOS: 000527413100033

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

（五）管理学院（9 篇）

1. AU: Yu, S ; Hou, Q ; Sun, JY

TI: Investment Game Model Analysis of Emission-Reduction Technology Based on Cost Sharing and Coordination under Cost Subsidy Policy

SO: SUSTAINABILITY

UT WOS: 000523751400050

JCR 期刊分区:

SUSTAINABILITY

impact factor

2.592 2.801

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENVIRONMENTAL SCIENCES	105/251	Q2
ENVIRONMENTAL STUDIES	44/116	Q2
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	3/6	Q2
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	20/35	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.592

研究领域: Science & Technology - Other Topics ； Environmental Sciences & Ecology

2. **AU:** Yu, YY ; Xu, W

TI: Optimized Configuration of Manufacturing Resources for Middle and Lower Batch Customization Enterprises in Cloud Manufacturing Environment

SO: COMPLEXITY

UT WOS: 000508435000006

JCR 期刊分区:

COMPLEXITY

impact factor

2.591 2.602

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	21/105	Q1
MULTIDISCIPLINARY SCIENCES	25/69	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.591

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

3. **AU:** Li, HY] ; Xu, W ; Cui, YJ ; Wang, Z ; Xiao, M ; Sun, ZX

TI: Preventive Maintenance Decision Model of Urban Transportation System Equipment Based on Multi-Control Units

SO: IEEE ACCESS

UT WOS: 000524744400003

JCR 期刊分区:

IEEE ACCESS

impact factor

4.098 4.54

2018 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	23/155	Q1
ENGINEERING, ELECTRICAL & ELECTRONIC	52/266	Q1
TELECOMMUNICATIONS	19/88	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.098

研究领域: Computer Science ； Engineering ； Telecommunications

4. **AU:** Qian, P ; Cao, LZ

TI: Antioxidant Properties of Complex Protein Nutrition and Sports Health Market

SO: ARCHIVOS LATINOAMERICANOS DE NUTRICION

UT WOS: 000521752200053

JCR 期刊分区:

ARCHIVOS LATINOAMERICANOS DE NUTRICION

2018 影响因子: 0.375

研究领域: Nutrition & Dietetics

5. **AU:** Jiang, H ; Zhu, R ; Wang, B

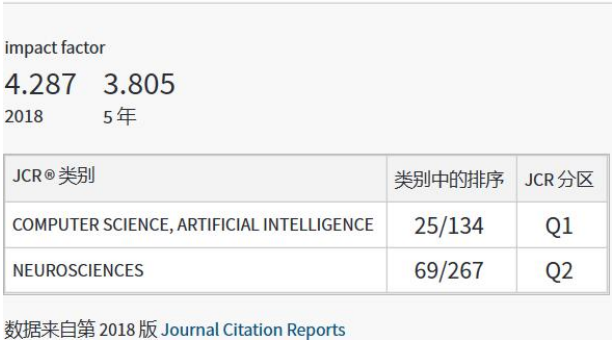
TI: EPF: A General Framework for Supporting Continuous Top-k Queries Over Streaming Data

SO: COGNITIVE COMPUTATION

UT WOS: 000511593900011

JCR 期刊分区:

COGNITIVE COMPUTATION



2018 影响因子: 4.287

研究领域: Computer Science ； Neurosciences & Neurology

6. **AU:** Shi, HB ; Huang, D ; Wang, L ; Wu, MY ; Xu, YC ; Zeng, BE ; Pang, C

TI: An information integration approach to spacecraft fault diagnosis

SO: ENTERPRISE INFORMATION SYSTEMS

UT WOS: 000504943900001

JCR 期刊分区:

ENTERPRISE INFORMATION SYSTEMS

2018 影响因子: 2.122

研究领域: Computer Science

7. **AU:** Li, ZR ; Xu, W ; Shi, HB ; Zhang, QS ; He, FY

TI: Multiobjective Optimization Model of Production Planning in Cloud Manufacturing Based on TOPSIS Method with Combined Weights

SO: COMPLEXITY

UT WOS: 000522149700001

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

8. **AU:** Chen, MF ; Liu, YQ ; Song, Y ; Sun, Q

TI: A Contract Coordination Model of Dual-Channel Delivery between UAVs and Couriers Considering the Uncertainty of Delivery for Last Mile

SO: DISCRETE DYNAMICS IN NATURE AND SOCIETY

UT WOS: 000504266800002

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

9. **AU:** Jiang, Y ; Wu, X ; Chen, Y

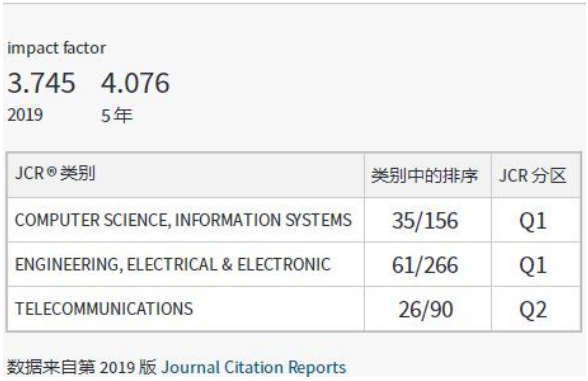
TI: Designing a Flexible Catering System for High-Speed Railway Considering Departure Time Selection and Time Deadline Constraints

SO: IEEE ACCESS

UT WOS: 000524710900076

JCR 期刊分区:

IEEE ACCESS



2019 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

（六）理学院（38 篇）

1. **AU:** Okoye, PU; Longoria, A ; Sebastian, PJ ; Wang, S ; Li, SX ; Hameed, BH

TI: A review on recent trends in reactor systems and azeotrope separation strategies for catalytic conversion of biodiesel-derived glycerol

SO: SCIENCE OF THE TOTAL ENVIRONMENT

UT WOS: 000521936300015

JCR 期刊分区:

SCIENCE OF THE TOTAL ENVIRONMENT

2018 影响因子: 5.589

研究领域: Environmental Sciences & Ecology

2. **AU:** Otitoju, TA ; Okoye, PU ; Chen, GT ; Li, Y ; Okoye, MO ; Li, SX

TI: Advanced ceramic components: Materials, fabrication, and applications

SO: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

UT WOS: 000523605700002

JCR 期刊分区:

JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

impact factor

4.978 4.802

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	38/172	Q1
ENGINEERING, CHEMICAL	15/138	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.978

研究领域: Chemistry ； Engineering

3. **AU:** Zhang, XD ; Dong, TH ; Ma, H ; Li, DZ ; Ying, CH ; Liu, C ; Wang, F

TI: A first principles investigation on the influence of transition-metal elements on the structural, mechanical, and anisotropic properties of CaM2Al20 intermetallics

SO: JOURNAL OF MOLECULAR GRAPHICS & MODELLING

UT WOS: 000515207000008

JCR 期刊分区:

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

1.863 1.793

2018 5年

JCR® 类别	类别中的排序	JCR 分区
BIOCHEMICAL RESEARCH METHODS	56/79	Q3
BIOCHEMISTRY & MOLECULAR BIOLOGY	234/299	Q4
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	67/106	Q3
CRYSTALLOGRAPHY	14/26	Q3
MATHEMATICAL & COMPUTATIONAL BIOLOGY	26/59	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.863

研究领域: Biochemistry & Molecular Biology ； Computer Science ； Crystallography ； Mathematical & Computational Biology

4. **AU:** Li, DZ ; Zhang, XD ; Chen, JY ; Liu, Y ; Wang, F

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

SO: VACUUM

UT WOS: 000517661000012

JCR 期刊分区:

VACUUM

impact factor

2.515 2.053

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	134/293	Q2
PHYSICS, APPLIED	55/148	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.515

研究领域: Materials Science ； Physics

5. **AU:** Otitoju, TA ; Jiang, DF ; Ouyang, YY ; Elamin, MAM ; Li, SX

TI: Photocatalytic degradation of Rhodamine B using CaCu3Ti4O12 embedded polyethersulfone hollow fiber membrane

SO: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

UT WOS: 000514214400016

JCR 期刊分区:

JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

impact factor

4.978 4.802

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	38/172	Q1
ENGINEERING, CHEMICAL	15/138	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.978

研究领域: Chemistry ； Engineering

6. **AU:** Xu, T ; Cui, C ; Li, HH ; Zou, P ; Liang, JY

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

SO: ENVIRONMENTAL SCIENCE-WATER RESEARCH & TECHNOLOGY

UT WOS: 000519272700015

JCR 期刊分区:

ENVIRONMENTAL SCIENCE-WATER RESEARCH & TECHNOLOGY

impact factor

4.195 4.237

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ENVIRONMENTAL	17/52	Q2
ENVIRONMENTAL SCIENCES	56/251	Q1
WATER RESOURCES	7/91	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 4.195

研究领域: Engineering ； Environmental Sciences & Ecology ； Water Resources

7. **AU:** Chen, JY ; Zhang, XD ; Li, DZ ; Liu, C ; Ma, H ; Ying, CH ; Wang, F

TI: Insight into the vacancy effects on mechanical and electronic properties o Tantalum Silicide

SO: CERAMICS INTERNATIONAL

UT WOS: 000512219600069

JCR 期刊分区:

CERAMICS INTERNATIONAL

impact factor

3.45 3.187

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, CERAMICS	2/28	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.45

研究领域: Materials Science

8. **AU:** Li, T ; Quan, SY ; Shi, XF ; Yang, LM ; Liu, C

TI: Fabrication of La-Doped Bi2O3 Nanoparticles with Oxygen Vacancies for Improving Photocatalytic Activity

SO: CATALYSIS LETTERS

UT WOS: 000513263600005

JCR 期刊分区:

CATALYSIS LETTERS

2018 影响因子: 2.372

研究领域: Chemistry

9. **AU:** Zhang, HG ; Wang, YY ; Wang, YC ; Zhang, JY

TI: A Novel Sliding Mode Control for a Class of Stochastic Polynomial Fuzzy Systems Based on SOS Method

SO: IEEE TRANSACTIONS ON CYBERNETICS

UT WOS: 000510941100014

JCR 期刊分区:

IEEE TRANSACTIONS ON CYBERNETICS

2018 影响因子: 10.387

研究领域: Automation & Control Systems ； Computer Science

10. **AU:** Otitoju, TA ; Li, Y ; Liu, RJ ; Wang, JC ; Ouyang, YY ; Jiang, DF ; Li, SX

TI: Polyethersulfone- CaCu3Ti4O12 hollow fiber membrane with enhanced photocatalytical activity and water permeability

SO: JOURNAL OF WATER PROCESS ENGINEERING

UT WOS: 000517599700077

JCR 期刊分区:

JOURNAL OF WATER PROCESS ENGINEERING

impact factor

3.173 3.688

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, CHEMICAL	42/138	Q2
ENGINEERING, ENVIRONMENTAL	23/52	Q2
WATER RESOURCES	17/91	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.173

研究领域: Engineering ;Water Resources

11. AU: Wang, S ; Wang, JY ; Okoye, PU ; Chen, S ; Li, XS ; Duan, L ; Zhou, H ; Li, SX ; Tang, T ; Zhang, LN

TI: Application of Corncob Residue-derived Catalyst in the Transesterification of Glycerol with Dimethyl Carbonate to Synthesize Glycerol Carbonate

SO: BIORESOURCES

UT WOS: 000511129100014

JCR 期刊分区:

BIORESOURCES

impact factor

1.396 1.59

2018 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, PAPER & WOOD	8/21	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.396

研究领域: Materials Science

12. AU: Yang, M ; Wang, W ; Li, BC ; Wu, HJ ; Yang, SQ ; Yang, J

TI: Magnetic properties of an Ising ladder-like graphene nanoribbon by using Monte Carlo method

SO: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS

UT WOS: 000503317700011

JCR 期刊分区:

PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS

2018 影响因子: 2.5

研究领域: Physics

13. **AU:** Wang, X ; Li, ZX ; Yao, MQ ; Bao, J ; Zhang, HW

TI: Degradation of carbofuran in contaminated soil by plant-Microorganism combined technology

SO: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY

UT WOS: 000514217400010

JCR 期刊分区:

JOURNAL OF THE SERBIAN CHEMICAL SOCIETY

2018 影响因子: 0.828

研究领域: Chemistry

14. **AU:** Li, ZX ; Wang, X ; Ni, ZJ ; Bao, J ; Zhang, HW

TI: In-situ Remediation of Carbofuran-Contaminated Soil by Immobilized White-Rot Fungi

SO: POLISH JOURNAL OF ENVIRONMENTAL STUDIES

UT WOS: 000508007700025

JCR 期刊分区:

POLISH JOURNAL OF ENVIRONMENTAL STUDIES

2018 影响因子: 1.186

研究领域: Environmental Sciences & Ecology

15. AU: Wu, HJ ; Wang, W ; Wang, F ; Li, BC ; Li, Q ; Xu, JH

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

SO: JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS

UT WOS: 000502886100049

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

16. AU: Liu, F ; Zhang, Y ; Gong, H ; Xu, K ; Cai, LG

TI: Vehicle Attribute Recognition for Normal Targets and Small Targets Based on Multitask Cascaded Network

SO: COMPLEXITY

UT WOS: 000503400500003

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

17. AU: Li, Q ; Zhang, AL ; Zhang, M ; Li, FF ; Wang, S ; Li, SX ; Li, YJ ; Sun, ZF

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

SO: FIBERS AND POLYMERS

UT WOS: 000511687000024

JCR 期刊分区:

FIBERS AND POLYMERS

impact factor

1.797 1.876

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, TEXTILES	6/24	Q1
POLYMER SCIENCE	47/89	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.797

研究领域: Materials Science ； Polymer Science

18. **AU:** Zhang, Y ; Li, N ; Zhang, JY

TI: Stochastic stability and Hopf bifurcation analysis of a singular bio-economic model with stochastic fluctuations

SO: INTERNATIONAL JOURNAL OF BIOMATHEMATICS

UT WOS: 000505160400002

JCR 期刊分区:

INTERNATIONAL JOURNAL OF BIOMATHEMATICS

impact factor

1.085 1.039

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATHEMATICAL & COMPUTATIONAL BIOLOGY	47/59	Q4

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.085

研究领域: Mathematical & Computational Biology

19. **AU:** Bai, YF ; Liu, R ; Wang, LX ; Ge, CH ; Shi, GM ; Zhang, XD

TI: Microwave absorption and thermal conductivity properties of HO- BNNS@Fe3O4 composites

SO: JOURNAL OF ALLOYS AND COMPOUNDS

UT WOS: 000539716000002

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

20. **AU:** Li, Q ; Li, RD ; Wang, W ; Geng, RZ ; Huang, H ; Zheng, SJ

TI: Magnetic and thermodynamic characteristics of a rectangle Ising nanoribbon

SO: PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS

UT WOS: 000540724200025

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	26/85	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.924

研究领域: Physics

21. **AU:** Pan, GX ; Zhang, YH ; Sun, PP ; Yu, XH ; Gao, J ; Shi, FN

TI: A brand-new bimetallic copper-lithium HEDP complex of fast ion migration as a promising anode for lithium ion batteries

SO: JOURNAL OF MOLECULAR STRUCTURE

UT WOS: 000535457100016

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

22. AU: Xu, Y ; Wu, LN ; Li, MX ; Shi, FN ; Wang, ZX

TI: Syntheses, crystal structures and magnetic properties of two 1D copper complexes with Fe(IV) building block

SO: INORGANIC CHEMISTRY COMMUNICATIONS

UT WOS: 000540714500015

JCR 期刊分区:

INORGANIC CHEMISTRY COMMUNICATIONS

impact factor

1.943	1.531
2019	5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, INORGANIC & NUCLEAR	23/45	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.943

研究领域: Chemistry

23. AU: Mai, ZY ; Zhang, XD ; Liu, YT ; Yu, H ; Wang, F

TI: Insight into the structure dependence on physical properties of the high temperature ceramics TaB2 boride

SO: VACUUM

UT WOS: 000538148400063

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	54/154	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

24. AU: Zhang, XD ; Dong, TH ; Ma, H ; Yu, H ; Li, XY ; Wang, F

TI: Insight into the vacancy effects on mechanical and electronic properties of V5Si3 silicides from first-principles calculations

SO: JOURNAL OF MOLECULAR GRAPHICS & MODELLING

UT WOS: 000534572200011

JCR 期刊分区:

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

2.079 1.989

2019 5年

JCR® 类别	类别中的排序	JCR 分区
BIOCHEMICAL RESEARCH METHODS	50/77	Q3
BIOCHEMISTRY & MOLECULAR BIOLOGY	221/297	Q3
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	59/109	Q3
CRYSTALLOGRAPHY	13/26	Q2
MATHEMATICAL & COMPUTATIONAL BIOLOGY	21/59	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.079

研究领域: Biochemistry & Molecular Biology ； Computer Science ； Crystallography ； Mathematical & Computational Biology

25. AU: Kang, Y ; Zhang, YH ; Sun, PP ; Huang, PB ; Yu, XH ; Shi, Q ; Tian, B ; Gao, J ; Shi, FN

TI: Bimetallic coordination polymer composites: A new choice of electrode materials for lithium ion batteries

SO: SOLID STATE IONICS

UT WOS: 000533506500002

JCR 期刊分区:

SOLID STATE IONICS

impact factor

3.107 2.904

2019 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	74/159	Q2
PHYSICS, CONDENSED MATTER	26/69	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.107

研究领域: Chemistry ； Physics

26. AU: Wang, L ; Guan, YY ; Ming, H ; Gao, WC ; Shen, XJ ; Wang, XL ; Liang, JY

TI: Physical hydrogel with tunable flowability and self-recovery properties through introducing branched polymer and nanoparticle

SO: POLYMER

UT WOS: 000538146100006

JCR 期刊分区:

POLYMER

impact factor

4.231 3.921

2019 5年

JCR®类别	类别中的排序	JCR分区
POLYMER SCIENCE	11/89	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 4.231

研究领域: Polymer Science

27. **AU:** Xu, YH ; Xu, G ; Sun, MY ; Wang, K

TI: Low-temperature solvothermal-calcination preparation and enhanced photocatalytic performance of polymeric graphitic carbon nitride with disordered-ordered hybrid plane

SO: CHEMICAL PAPERS

UT WOS: 000539467400002

JCR 期刊分区:

CHEMICAL PAPERS

impact factor

1.68 1.529

2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, MULTIDISCIPLINARY	117/177	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.68

研究领域: Chemistry

28. **AU:** Tang, HB ; Lv, XL ; Li, YP ; Li, Q ; Liu, XJ

TI: Cationic oxidized microporous rice starch: Preparation, characterization, and properties

SO: JOURNAL OF FOOD SCIENCE

UT WOS: 000537000800001

JCR 期刊分区:

JOURNAL OF FOOD SCIENCE

impact factor

2.478 2.693

2019 5年

JCR®类别	类别中的排序	JCR分区
FOOD SCIENCE & TECHNOLOGY	54/139	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.478

研究领域: Food Science & Technology

29. **AU:** Tang, HB ; Lv, XL ; Li, YP ; Li, Q ; Liu, XJ

TI: Dialdehyde Oxidation of Cross-Linked Waxy Corn Starch: Optimization, Property and Characterization

SO: ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING

UT WOS: 000539634400003

JCR 期刊分区:

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING

impact factor

1.711	1.474
2019	5年

JCR® 类别	类别中的排序	JCR 分区
MULTIDISCIPLINARY SCIENCES	39/71	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 1.711

研究领域: Science & Technology - Other Topics

30. **AU:** Tang, HB ; Liu, YH ; Li, YP ; Li, Q ; Liu, XJ

TI: Hydroxypropylation of cross-linked sesbania gum, characterization and properties

SO: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES

UT WOS: 000530068000099

JCR 期刊分区:

INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES

impact factor

5.162	5.137
2019	5年

JCR® 类别	类别中的排序	JCR 分区
BIOCHEMISTRY & MOLECULAR BIOLOGY	51/297	Q1
CHEMISTRY, APPLIED	10/71	Q1
POLYMER SCIENCE	9/89	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 5.162

研究领域: Biochemistry & Molecular Biology ； Chemistry ； Polymer Science

31. **AU:** Chen, JY ; Zhang, XD ; Ying, CH ; Ma, H ; Li, J ; Wang, F ; Guo, H

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

SO: CERAMICS INTERNATIONAL

UT WOS: 000528481900125

JCR 期刊分区:

CERAMICS INTERNATIONAL

2019 影响因子: 3.83

研究领域: Materials Science

32. **AU:** Bao, J ; Yu, WJ ; Liu, Y ; Wang, X ; Liu, ZQ ; Duan, YF

TI: Removal of perfluoroalkanesulfonic acids (PFSAs) from synthetic and natural groundwater by electrocoagulation

SO: CHEMOSPHERE

UT WOS: 000527930600018

JCR 期刊分区:

CHEMOSPHERE

2019 影响因子: 5.778

研究领域: Environmental Sciences & Ecology

33. **AU:** Liu, Y ; Bao, J ; Hu, XM ; Lu, GL ; Yu, WJ ; Meng, ZH

TI: Optimization of extraction methods for the analysis of PFOA and PFOS in the salty matrices during the wastewater treatment

SO: MICROCHEMICAL JOURNAL

UT WOS: 000527371500017

JCR 期刊分区:

MICROCHEMICAL JOURNAL

2019 影响因子: 3.594

研究领域: Chemistry

34. **AU:** Li, T ; Quan, SY ; Shi, XF ; Liu, C ; Yang, LM

TI: Photocatalytic Activity of Bi2O3 Enhanced by the Addition of Ce3+/Ce4+ Synthesized by Ethylene Glycol-assisted Solvothermal Method

SO: CHEMISTRYSELECT

UT WOS: 000535017800040

JCR 期刊分区:

CHEMISTRYSELECT

2019 影响因子: 1.811

研究领域: Chemistry

35. **AU:** Shi, GM ; Yin, JC ; Li, Q ; Ji, L ; Li, ST ; Shi, FN

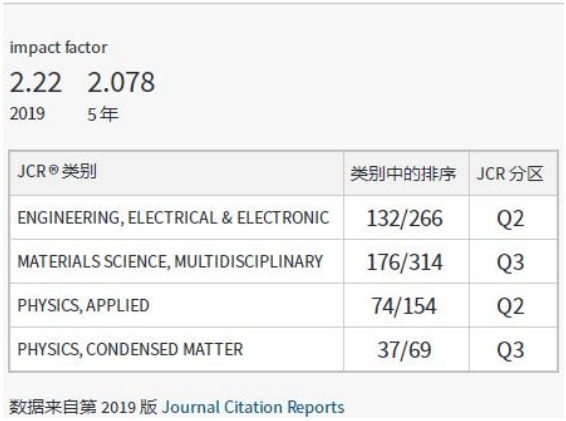
TI: Facile preparation and properties of cubic TiN@CN nanocapsules as electrode materials for supercapacitors and as microwave absorbers

SO: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

UT WOS: 000534711600008

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	74/154	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

36. **AU:** Chen, J ; Zhang, XD ; Zhu, SY ; Ma, H ; Li, XY ; Yu, H ; Wang, F

TI: Elastic anisotropy and thermodynamics properties of BiCu2PO6, BiZn2PO6 and BiPb2PO6 ceramics materials from first-principles calculations

SO: CERAMICS INTERNATIONAL

UT WOS: 000528340500008

JCR 期刊分区:

CERAMICS INTERNATIONAL

impact factor

3.83 3.513

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, CERAMICS	2/28	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 3.83

研究领域: Materials Science

37. **AU:** Song, XY ; Zhang, YH ; Sun, PP ; Gao, J ; Shi, FN

TI: Lithium-Lanthanide Bimetallic Metal-Organic Frameworks towards Negative Electrode Materials for Lithium-Ion Batteries

SO: CHEMISTRY-A EUROPEAN JOURNAL

UT WOS: 000527631800001

JCR 期刊分区:

CHEMISTRY-A EUROPEAN JOURNAL

2019 影响因子: 4.857

研究领域: Chemistry

38. **AU:** Tang, HB ; Li, YP ; Ma, HR ; Sun, M

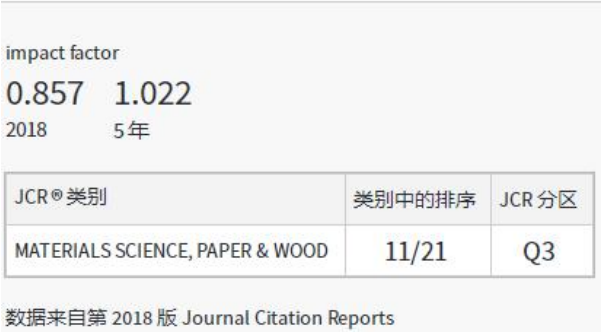
TI: EFFECT OF MIXING CASSAVA, POTATO AND SWEET POTATO STARCHES ON THE PROPERTIES OF THEIR BLENDS

SO: CELLULOSE CHEMISTRY AND TECHNOLOGY

UT WOS: 000526413600008

JCR 期刊分区:

CELLULOSE CHEMISTRY AND TECHNOLOGY



2019 影响因子: 0.857

研究领域: Materials Science

（七）建筑与土木工程学院（5 篇）

1. **AU:** Wang, JX ; Wang, Y ; Liu, GL ; Wei, L ; Zhang, GY

TI: Effect of tensile and compression deformation on the electronic structure and optical properties of single-layer black phosphorus

SO: PHYSICA B-CONDENSED MATTER

UT WOS: 000510633200005

JCR 期刊分区:

PHYSICA B-CONDENSED MATTER

2018 影响因子: 1.874

研究领域: Physics

2. **AU:** Wei, L ; Liu, GL ; Zhang, GY

TI: Density functional theory study on electrical properties of graphyne propane under tension and compression deformation

SO: MATERIALS RESEARCH EXPRESS

UT WOS: 000508181500001

JCR 期刊分区:

MATERIALS RESEARCH EXPRESS

2018 影响因子: 1.449

研究领域: Materials Science

3. **AU:** Yu, H ; Li, SJ

TI: Estimating ground loss ratio induced from metro tunnel excavation based on observed ground settlements

SO: BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY

UT WOS: 000510853800318

JCR 期刊分区:

BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY

2019 影响因子: 2.651

研究领域: Pharmacology & Pharmacy ； Toxicology

4. **AU:** Ma, K ; Liu, GY ; Guo, LJ ; Zhuang, DY ; Collins, DS

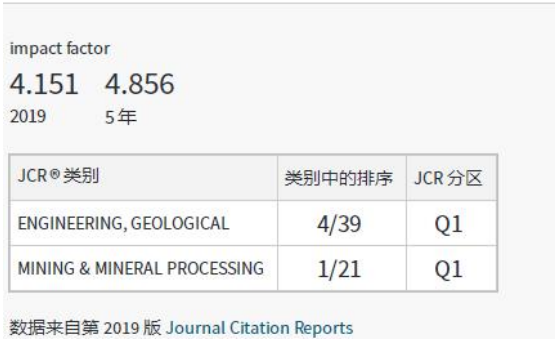
TI: Deformation and stability of a discontinuity-controlled rock slope at Dagangshan hydropower station using three-dimensional discontinuous deformation analysis

SO: BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY

UT WOS: 000536485700001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES



2019 影响因子: 4.151

研究领域: Engineering ； Mining & Mineral Processing

5. **AU:** Zhou, B ; Yu, FG ; Li, H ; Xin, W

TI: A Quantitative Study on the Void Defects Evolving into Damage in Wind Turbine Blade Based on Internal Energy Storage

SO: APPLIED SCIENCES-BASEL

UT WOS: 000522540400067

JCR 期刊分区:

APPLIED SCIENCES-BASEL

impact factor

2.474 2.458

2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, MULTIDISCIPLINARY	88/177	Q2
ENGINEERING, MULTIDISCIPLINARY	32/91	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	161/314	Q3
PHYSICS, APPLIED	62/154	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子: 2.474

研究领域: Chemistry ； Engineering ； Materials Science ； Physics

（八）外国语学院（1 篇）

1. **AU:** Li, DZ ; Zhang, XD ; Chen, JY ; Liu, Y ; Wang, F

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

SO: VACUUM

UT WOS: 000517661000012

JCR 期刊分区:

VACUUM

impact factor

2.515 2.053

2018 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	134/293	Q2
PHYSICS, APPLIED	55/148	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 2.515

研究领域: Materials Science ； Physics

（九）软件学院（2 篇）

1. **AU:** Bi, M

TI: Control of Robot Arm Motion Using Trapezoid Fuzzy Two-Degree-of-Freedom PID Algorithm

SO: SYMMETRY-BASEL

UT WOS: 000540222200176

JCR 期刊分区:

SYMMETRY-BASEL

impact factor

2.645 2.427

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MULTIDISCIPLINARY SCIENCES	29/71	Q2

数据来自第 2019 版 Journal Citation Reports

2018 影响因子: 2.645

研究领域: Science & Technology - Other Topics

2. **AU:** Zhang, G ; Qin, H ; Ke, YD ; Chen, JS ; Gong, YM

TI: Phased Groupwise Face Alignment

SO: IEEE ACCESS

UT WOS: 000528695000010

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

2018 影响因子: 3.745

研究领域: Computer Science ； Engineering ； Telecommunications

（十）石油化工学院（11 篇）

1. **AU:** Song, CF ; Li, R ; Fan, ZC ; Liu, QL ; Zhang, B ; Kitamura, Y

TI: CO2/N-2 separation performance of Pebax/MIL-101 and Pebax/NH2-MIL-101 mixed matrix membranes and intensification via sub-ambient operation

SO: SEPARATION AND PURIFICATION TECHNOLOGY

UT WOS: 000513984900009

JCR 期刊分区:

SEPARATION AND PURIFICATION TECHNOLOGY

impact factor

5.107 4.551

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, CHEMICAL	14/138	Q1

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 5.107

研究领域: Engineering

2. **AU:** Guo, LY ; Du, JH ; Wang, YR ; Shi, KY ; Ma, EQ

TI: Advances in diversified application of pillar[n]arenes

SO: JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY

UT WOS: 000519414200001

JCR 期刊分区:

JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY

impact factor

1.429 1.322

2018 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, MULTIDISCIPLINARY	116/172	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.429

研究领域: Chemistry

3. **AU:** Guo, LY ; Wu, H ; Wang, YR ; Cui, ZY ; Chen, YM

TI: Molecular Simulation of Transesterification of Ethylene Carbonate and Methanol Catalyzed by Ionic Liquids

SO: CHINA PETROLEUM PROCESSING & PETROCHEMICAL TECHNOLOGY

UT WOS: 000505613000010

JCR 期刊分区:

CHINA PETROLEUM PROCESSING & PETROCHEMICAL TECHNOLOGY

2019 影响因子:0.592

研究领域: Energy & Fuels ； Engineering

4. **AU:** Hong, XQ ; Zhang, B ; Zhang, XY ; Wu, YH ; Wang, TH ; Qiu, JS

TI: Tailoring the structure and property of microfiltration carbon membranes by polyacrylonitrile-based microspheres for oil-water emulsion separation

SO: JOURNAL OF WATER PROCESS ENGINEERING

UT WOS: 000504472800073

JCR 期刊分区:

JOURNAL OF WATER PROCESS ENGINEERING

2019 影响因子:3.465

研究领域: Engineering ； Water Resources

5. **AU:** Sun, T ; Shuai, XM ; Chen, YJ ; Zhao, XY ; Song, QQ ; Ren, KX ; Jiang, XX ; Hu, SQ ; Cai, ZQ

TI: Separation performance of p-tert-butyl(tetradecyloxy)calix[6]arene as a stationary phase for capillary gas chromatography

SO: RSC ADVANCES

UT WOS: 000509401700019

JCR 期刊分区:

RSC ADVANCES

2019 影响因子:3.119

研究领域: Chemistry

6. **AU:** Bei, PZ ; Liu, HJ ; Yao, H ; Hu, AJ ; Sun, Y ; Guo, LY

TI: Preparation and characterization of PVDF/CaCO3 composite membranes etched by hydrochloric acid

SO: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH

UT WOS: 000501757400082

JCR 期刊分区:

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH

2019 影响因子:3.056

研究领域: Environmental Sciences & Ecology

7. **AU:** Xue, PH ; Tan, FX ; Liu, H ; Xue, B

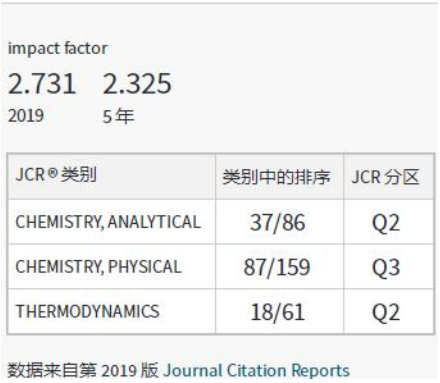
TI: Low-temperature heat capacity of d-glucose and d-fructose

SO: JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY

UT WOS: 000537978100004

JCR 期刊分区:

JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY



impact factor

2.731 2.325

2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, ANALYTICAL	37/86	Q2
CHEMISTRY, PHYSICAL	87/159	Q3
THERMODYNAMICS	18/61	Q2

数据来自第 2019 版 Journal Citation Reports

2019 影响因子:2.731

研究领域: Thermodynamics ； Chemistry

8. **AU:** Yang, YY ; Zhu, J ; Wu, WT

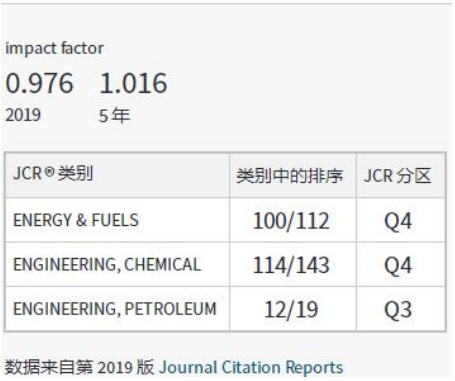
TI: Study on the influence of low-carbon alcohol on non-hydrodewaxing reaction of hydrocracking tail oil

SO: PETROLEUM SCIENCE AND TECHNOLOGY

UT WOS: 000539114300001

JCR 期刊分区:

PETROLEUM SCIENCE AND TECHNOLOGY



impact factor

0.976 1.016

2019 5年

JCR®类别	类别中的排序	JCR分区
ENERGY & FUELS	100/112	Q4
ENGINEERING, CHEMICAL	114/143	Q4
ENGINEERING, PETROLEUM	12/19	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子:0.976

研究领域: Energy & Fuels ； Engineering

9. **AU:** Lv, XH ; Sun, MZ ; Xu, L ; Wang, RZ ; Zhou, HY ; Pan, YY ; Zhang, ST ; Sun, QK ; Xue, SF ; Yang, WJ

TI: Highly efficient non-doped blue fluorescent OLEDs with low efficiency roll-off based on hybridized local and charge transfer excited state emitters

SO: CHEMICAL SCIENCE

UT WOS: 000536688300022

JCR 期刊分区:

CHEMICAL SCIENCE

impact factor

9.346 8.945

2019 5年

JCR®类别	类别中的排序	JCR分区
CHEMISTRY, MULTIDISCIPLINARY	21/177	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子:9.346

研究领域: Energy & Fuels ； Engineering

10. **AU:** Zhang, B ; Wu, HZ ; Wang, ZM ; Qin, AJ ; Tang, BZ

TI: Planarized intramolecular charge transfer on triphenylamine-modified pyrazine and its application in organic light-emitting diodes

SO: JOURNAL OF MATERIALS CHEMISTRY C

UT WOS: 000526852400008

JCR 期刊分区:

JOURNAL OF MATERIALS CHEMISTRY C

impact factor

7.059 6.404

2019 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	47/314	Q1
PHYSICS, APPLIED	21/154	Q1

数据来自第 2019 版 Journal Citation Reports

2019 影响因子:7.059

研究领域: Materials Science ； Physics

11. **AU:** Song, CF ; Mujahid, M ; Li, R ; Ahmad, S ; Liu, QL ; Zhang, B ; Kitamura, Y

TI: Pebax/MWCNTs-NH2 mixed matrix membranes for enhanced CO2/N-2 separation

SO: GREENHOUSE GASES-SCIENCE AND TECHNOLOGY

UT WOS: 000528500500010

JCR 期刊分区:

GREENHOUSE GASES-SCIENCE AND TECHNOLOGY

impact factor
1.979 2.01
2019 5年

JCR®类别	类别中的排序	JCR分区
ENERGY & FUELS	78/112	Q3
ENGINEERING, ENVIRONMENTAL	40/53	Q4
ENVIRONMENTAL SCIENCES	161/265	Q3

数据来自第 2019 版 Journal Citation Reports

2019 影响因子:1.979

研究领域: Energy & Fuels ； Engineering ； Environmental Sciences & Ecology

（十一）其他：未注明学院（7 篇）

1. **AU:** Li, Y ; Chu, ZJ ; Xin, YZ

   TI: Posture Recognition Technology Based on Kinect

   SO: IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS

   UT WOS: 000518370700017

   JCR 期刊分区:

IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS

impact factor
0.576 0.457
2018 5年

JCR®类别	类别中的排序	JCR分区
COMPUTER SCIENCE, INFORMATION SYSTEMS	148/155	Q4
COMPUTER SCIENCE, SOFTWARE ENGINEERING	101/107	Q4

数据来自第 2018 版 Journal Citation Reports

   2018 影响因子: 0.576

   研究领域: Computer Science

2. **AU:** Yang, KL ; Qiu, RK ; Li, DZ ; Li, J

   TI: Regions of existence of surface spin-waves in surface Brillouin zones of hexagonal simple ferromagnetic thin films

   SO: PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

   UT WOS: 000504664500041

   JCR 期刊分区:

PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

impact factor

3.176 2.467

2018 5年

JCR® 类别	类别中的排序	JCR 分区
NANOSCIENCE & NANOTECHNOLOGY	45/94	Q2
PHYSICS, CONDENSED MATTER	22/68	Q2

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 3.176

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

3. **AU:** Zhang, DD ; Cui, L ; Zhu, H ; Madani, RMA ; Liang, JY

TI: Treatment performance and microbial community under ammonium sulphate wastewater in a sulphate reducing ammonium oxidation process

SO: ENVIRONMENTAL TECHNOLOGY

UT WOS: 000512509600001

JCR 期刊分区:

ENVIRONMENTAL TECHNOLOGY

impact factor

1.918 1.848

2018 5年

JCR® 类别	类别中的排序	JCR 分区
ENVIRONMENTAL SCIENCES	146/251	Q3

数据来自第 2018 版 Journal Citation Reports

2018 影响因子: 1.918

研究领域: Environmental Sciences & Ecology

4. **AU:** Wang, H ; Guo, MS

TI: Organic Soybean Amino Acid Nutrition and Innovation Strategy Decision of Food Enterprises

SO: ARCHIVOS LATINOAMERICANOS DE NUTRICION

UT WOS: 000522255500034

JCR 期刊分区:

ARCHIVOS LATINOAMERICANOS DE NUTRICION

2018 影响因子: 0.375

研究领域: Nutrition & Dietetics

5. **AU:** Hou, Q ; Sun, JY

TI: Investment strategy analysis of emission-reduction technology under cost subsidy policy in the carbon trading market

SO: KYBERNETES

UT WOS: 000508988000001

JCR 期刊分区:

KYBERNETES

2018 影响因子: 1.381

研究领域: Computer Science

6. **AU:** Chen, MK ; Xie, J ; Shu, DL ; Hou, GC ; Xun, SL; Yu, JJ ; Liu, LR ; Sun, XF ; Zhou, YZ

TI: Effect of Long-Term Thermal Exposures on Tensile Behaviors of K416B Nickel-Based Superalloy

SO: ACTA METALLURGICA SINICA-ENGLISH LETTERS

UT WOS: 000539171300001

JCR 期刊分区:

ACTA METALLURGICA SINICA-ENGLISH LETTERS

impact factor

2.09 1.894

2019 5年

JCR®类别	类别中的排序	JCR分区
METALLURGY & METALLURGICAL ENGINEERING	20/79	Q2

数据来自第 2019 版 Journal Citation Reports

2018 影响因子: 2.09

研究领域: Metallurgy & Metallurgical Engineering

7. **AU:** Tian, SG ; Sun, HF ; Jin, Y

TI: Investigation on gamma ' to gamma " transition in an IN718G superalloy during heat treatment, using first principle

SO: MATERIALS CHARACTERIZATION

UT WOS: 000539353900024

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

2018 影响因子: 3.562

研究领域: Materials Science ； Metallurgy & Metallurgical Engineering

二、2020 年第一、二季度 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（1 篇）

1. **AU:** Zhou, R ; Yan, MY ; Guo, YQ ; Jin, JJ ; Sun, F ; Zhang, XY ; Oka, K
TI: Suspension characteristics of a zero-power permanent magnetic suspension system with flux path control
SO: INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS
UT WOS: 000536681200013

（二）材料科学与工程学院（1 篇）

1. **AU:** Yang, H ; Li, MC ; Li, SF ; Tao, AL ; Wu, YS
TI: A critical structured TiO2 with enhanced photocatalytic activity during the formation of yolk-shell structured TiO2
SO: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS
UT WOS: 000518400500002

（三）电气工程学院（8 篇）

1. **AU:** Lan, YP ; Yang, WK ; Zong, M
TI: Design of Adaptive Neural Network Backstepping Controller for Linear Motor Magnetic Levitation System
SO: 2019 IEEE INDUSTRY APPLICATIONS SOCIETY ANNUAL MEETING
UT WOS: 000521115900067
2. **AU:** Lan, YP ; Li, J ; Zhang, FG ; Zong, M
TI: Fuzzy Sliding Mode Control of Magnetic Levitation System of Controllable Excitation Linear Synchronous Motor
SO: 2019 IEEE INDUSTRY APPLICATIONS SOCIETY ANNUAL MEETING
UT WOS: 000521115900229
3. **AU:** Lou, JC ; Liu, AM ; Yu, SY
TI: A Reliable and Controllable Motor Actuator without Permanent Magnetic for 40.5kV Vacuum Circuit Breakers
SO: 2019 IEEE INDUSTRY APPLICATIONS SOCIETY ANNUAL MEETING
UT WOS: 000521115900138
4. **AU:** Liu, DS ; Deng, CG ; Xu, XD ; Jing, Y ; Li, XF ; Noubissi, RK ; Li, XL
TI: Investigation on Heating Aging Mechanism of Cellulose Paper for Oil-Immersed Transformer Main Insulation
SO: 2019 IEEE 20TH INTERNATIONAL CONFERENCE ON DIELECTRIC LIQUIDS (ICDL)
UT WOS: 000503380900114
5. **AU:** Liu, DS ; Wu, YJ ; Xu, XD ; Ye, J ; Li, JC ; Yu, SQ ; Li, XL
TI: Suppression Mechanism of TiO2 for the Partial Discharge of Oil-paper Insulation in Intensive Electric Field
SO: 2019 IEEE 20TH INTERNATIONAL CONFERENCE ON DIELECTRIC LIQUIDS (ICDL)
UT WOS: 000503380900117
6. **AU:** Zhang, Z ; Lin, X ; Li, XL ; Zhang, J
TI: Calculation of Thermodynamic Physical Properties of C4F7N-CO2 Mixed Gas
SO: 2019 IEEE 20TH INTERNATIONAL CONFERENCE ON DIELECTRIC LIQUIDS (ICDL)
UT WOS: 000503380900110
7. **AU:** Lou, JC ; Liu, AM ; Yu, SY
TI: A Reliable and Controllable Motor Actuator Without Permanent Magnetic for 40.5 kV Vacuum Circuit Breakers
SO: IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS
UT WOS: 000522460500029
8. **AU:** Cui, J ; Liu, ST ; Yang, JY ; Ge, WC ; Zhou, XM ; Wang, AN
TI: A Load Combination Prediction Algorithm Considering Flexible Charge and Discharge of Electric Vehicles
SO: 2019 IEEE 10TH INTERNATIONAL SYMPOSIUM ON POWER ELECTRONICS FOR DISTRIBUTED GENERATION SYSTEMS (PEDG 2019)
UT WOS: 000539632000127

（四）信息科学与工程学院（3 篇）

1. **AU:** Xie, HL ; Xie, Y ; Li, F

TI: The Structure Design and Dynamics Simulation of a New Exoskeleton Robot

SO: 2019 WORLD ROBOT CONFERENCE SYMPOSIUM ON ADVANCED ROBOTICS AND AUTOMATION (WRC SARA 2019)

UT WOS: 000526063400062

2. **AU:** Xie, HL ; Li, GC ; Li, F

TI: Modeling of Magnetorheological Damper and Fuzzy PID Control of Intelligent Bionic Leg with Meniscus

SO: 2019 WORLD ROBOT CONFERENCE SYMPOSIUM ON ADVANCED ROBOTICS AND AUTOMATION (WRC SARA 2019)

UT WOS: 000526063400063

3. **AU:** Yu, HX ; Zhang, K; Liu, YY ; Dai, JW ; Sun, ZT

TI: Micro-grid Scheduling of Electric Boiler and CHP with Thermal Energy Storage Based on Wind Power Accommodating

SO: 2019 IEEE 10TH INTERNATIONAL SYMPOSIUM ON POWER ELECTRONICS FOR DISTRIBUTED GENERATION SYSTEMS (PEDG 2019)

UT WOS: 000539632000063

（五）其他：未注明学院（1 篇）

1. **AU:** Jiang, XY ; Wang, MH ; Tian, ZQ ; Lu, YT ; Chen, KQ

TI: Evaluation Method of Storage Assignment for Intelligent Pharmaceutical Warehouse

SO: PROCEEDINGS OF THE 2019 IEEE EURASIA CONFERENCE ON IOT, COMMUNICATION AND ENGINEERING (ECICE)

UT WOS: 000524691500118