# 2021 年第四季度 SCIE、CPCI-S、CPCI-SSH 收录

# 沈阳工业大学论文统计

沈阳工业大学图书馆学科服务组

2021 年 12 月

# 统计说明

1、检索时间和统计方法：

① 检索时间段：从 2021 年 10 月 1 日至 2021 年 12 月 31 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 2020 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、2021 年第四季度 SCIE 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

(1) AU:作者英文姓名
(2) TI:论文题目
(3) SO:论文来源
(4) UT WOS:SCIE 中论文入藏号
(5) JCR 期刊分区
(6) 2020 影响因子
(7) 研究领域

**（一）机械工程学院（16 篇）**

**1.** **AU:** Yang, B ; Wang, SJ ; Song, ZB ; Liu, LF ; Li, HL ; Li, YL

**TI:** Molecular dynamics study on the reinforcing effect of incorporation of graphene/carbon nanotubes on the mechanical properties of swelling rubber

**SO:** POLYMER TESTING

**UT WOS:** 000701306400018

**JCR 期刊分区:**

POLYMER TESTING

impact factor

4.282 4.134

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, CHARACTERIZATION & TESTING | 4/32 | Q1 |
| POLYMER SCIENCE | 19/90 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.282

**研究领域:** Materials Science；Polymer Science

**2.** **AU:** Gao, P ; Du, ZP ; Zhang, L ; Zhao, PD ; Liu, HY ; Yan, M

**TI:** Damage assessment for large-scale surface warship systems using a dynamic location damage tree model quantified based on the multilevel Monte Carlo simulation

**SO:** OCEAN ENGINEERING

**UT WOS:** 000696795800002

**JCR 期刊分区:**

OCEAN ENGINEERING

impact factor

3.795 3.985

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, CIVIL | 30/137 | Q1 |
| ENGINEERING, MARINE | 1/16 | Q1 |
| ENGINEERING, OCEAN | 2/16 | Q1 |
| OCEANOGRAPHY | 7/64 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.795

**研究领域:** Engineering；Oceanography

**3.** **AU:** Wang, YZ ; Zhao, L ; Zhang, Q ; Zhou, R ; Wu, LP ; Ma, JQ ; Zhang, B ; Zhang, Y

**TI:** Alignment Method of Combined Perception for Peg-in-Hole Assembly with Deep Reinforcement Learning

**SO:** JOURNAL OF SENSORS

**UT WOS:** 000703316000001

**JCR 期刊分区:**

JOURNAL OF SENSORS

impact factor

2.137 2.398

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 161/273 | Q3 |
| INSTRUMENTS & INSTRUMENTATION | 32/64 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.137

**研究领域:** Engineering；Instruments & Instrumentation

**4.** **AU:** He, EQ ; Wang, SJ ; Tang, LM ; Chen, JC

**TI:** A study on the enhancement of the tribological properties of nitrile-butadiene rubber reinforced by nano-ZnO particles from an atomic view

**SO:** MATERIALS RESEARCH EXPRESS

**UT WOS:** 000697839300001

**JCR 期刊分区:**

MATERIALS RESEARCH EXPRESS

impact factor

1.62 1.618

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 272/334 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.62

**研究领域:** Materials Science

**5.** **AU:** Zhou, R ; Yan, MY ; Sun, F ; Jin, JJ ; Li, Q ; Xu, FC ; Zhang, M ; Zhang, XY ; Nakano, K

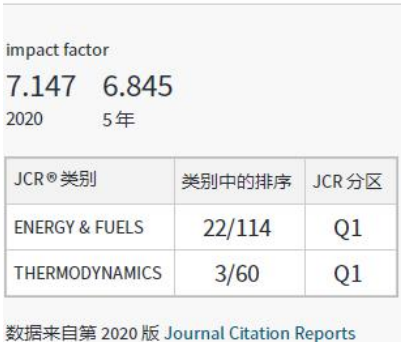
**TI:** Experimental validations of a magnetic energy-harvesting suspension and its potential application for self-powered sensing

**SO:** ENERGY

**UT WOS:** 000711156800009

**JCR 期刊分区:**

ENERGY




**2020 影响因子:** 7.147

**研究领域:** Thermodynamics； Energy & Fuels

**6.** **AU:** Chen, JC ; Wang, H ; Wang, SJ ; He, EQ ; Zhang, T ; Wang, L

**TI:** Convolutional neural network with transfer learning approach for detection of unfavorable driving state using phase coherence image

**SO:** EXPERT SYSTEMS WITH APPLICATIONS

**UT WOS:** 000709912500019

**JCR 期刊分区:**

EXPERT SYSTEMS WITH APPLICATIONS


**2020 影响因子:** 6.954

**研究领域:** Computer Science； Engineering； Operations Research & Management Science

**7.** **AU:** Yu, XF ; Wei, YH ; Zheng, DY ; Shen, XY ; Su, Y ; Xia, YZ ; Liu, YB

**TI:** Effect of nano-bainite microstructure and residual stress on friction properties of M50 bearing steel

**SO:** TRIBOLOGY INTERNATIONAL

**UT WOS:** 000706190100003

**JCR 期刊分区:**

TRIBOLOGY INTERNATIONAL

impact factor

4.872 4.766

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, MECHANICAL | 17/133 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.872

**研究领域:** Engineering

**8.** **AU:** Song, BX ; Yu, TB ; Jiang, XY ; Chen, LY ; Xi, WC ; Guan, C

**TI:** Evolution and convection mechanism of the melt pool formed by V-groove laser cladding

**SO:** OPTICS AND LASER TECHNOLOGY

**UT WOS:** 000693463500004

**JCR 期刊分区:**

OPTICS AND LASER TECHNOLOGY

impact factor

3.867 3.566

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| OPTICS | 21/99 | Q1 |
| PHYSICS, APPLIED | 46/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.867

**研究领域:** Optics；Physics

**9.** **AU:** Su, Y ; Wang, JX ; Yu, XF ; Wang, SJ ; Xia, YZ ; Liu, L ; Liu, JL

**TI:** Effect of deep tempering on microstructure and hardness of carburized M50NiL steel

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

**UT WOS:** 000704055300006

**JCR 期刊分区:**

JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T

impact factor

5.039 5.363

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 104/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 9/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.039

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

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

**TI:** Sample-Entropy-Based Method for Real Driving Fatigue Detection with Multichannel Electroencephalogram

**SO:** APPLIED SCIENCES-BASEL

**UT WOS:** 000718716500001

**JCR 期刊分区:**

APPLIED SCIENCES-BASEL

impact factor

2.679 2.736

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 101/178 | Q3 |
| ENGINEERING, MULTIDISCIPLINARY | 38/90 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 201/334 | Q3 |
| PHYSICS, APPLIED | 73/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.679

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

**11. AU:** Su, Y ; Miao, LJ ; Yu, XF ; Liu, TM ; Liu, L ; Liu, JL

**TI:** Effect of isothermal quenching on microstructure and hardness of GCr15 steel

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

**UT WOS:** 000709733500008

**JCR 期刊分区:**

JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T

impact factor

5.039 5.363

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 104/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 9/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.039

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

**12. AU:** Long, RS ; Zhao, C ; Zhang, YM ; Wang, YB ; Wang, YY

**TI:** Effect of vein-bionic surface textures on the tribological behavior of cylindrical roller thrust bearing under starved lubrication

**SO:** SCIENTIFIC REPORTS

**UT WOS:** 000712564800014

**JCR 期刊分区:**

SCIENTIFIC REPORTS


**2020 影响因子:** 4.38

**研究领域:** Science & Technology - Other Topics

**13. AU:** Yang, B ; Wang, SJ ; Song, ZB ; Liu, LF ; Li, HL ; Li, YL

**TI:** Molecular dynamics study on the reinforcing effect of incorporation of graphene/carbon nanotubes on the mechanical properties of swelling rubber

**SO:** POLYMER TESTING

**UT WOS:** 000701306400018

**JCR 期刊分区:**


**2020 影响因子:** 4.282

**研究领域:** Materials Science； Polymer Science

**14. AU:** Gao, P ; Du, ZP ; Zhang, L ; Zhao, PD ; Liu, HY ; Yan, M

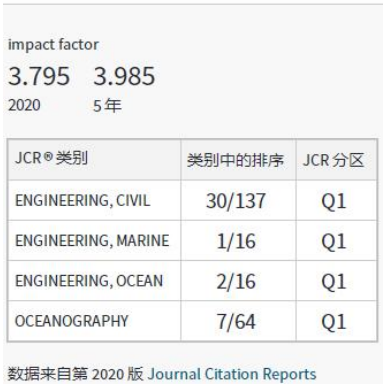
**TI:** Damage assessment for large-scale surface warship systems using a dynamic location damage tree model quantified based on the multilevel Monte Carlo simulation

**SO:** OCEAN ENGINEERING

**UT WOS:** 000696795800002

**JCR 期刊分区:**

OCEAN ENGINEERING



impact factor

3.795 3.985

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, CIVIL | 30/137 | Q1 |
| ENGINEERING, MARINE | 1/16 | Q1 |
| ENGINEERING, OCEAN | 2/16 | Q1 |
| OCEANOGRAPHY | 7/64 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.795

**研究领域:** Engineering；Oceanography

**15. AU:** Wang, YZ ; Zhao, L ; Zhang, Q ; Zhou, R ; Wu, LP ; Ma, JQ ; Zhang, B ; Zhang, Y

**TI:** Alignment Method of Combined Perception for Peg-in-Hole Assembly with Deep Reinforcement Learning

**SO:** JOURNAL OF SENSORS

**UT WOS:** 000703316000001

**JCR 期刊分区:**

JOURNAL OF SENSORS

impact factor

2.137 2.398

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 161/273 | Q3 |
| INSTRUMENTS & INSTRUMENTATION | 32/64 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.137

**研究领域:** Engineering；Instruments & Instrumentation

**16. AU:** Wang, YZ ; Zhao, L ; Zhang, Q ; Zhou, R ; Wu, LP ; Ma, JQ ; Zhang, B ; Zhang, Y

**TI:** A study on the enhancement of the tribological properties of nitrile-butadiene rubber reinforced by nano-ZnO particles from an atomic view

**SO:** MATERIALS RESEARCH EXPRESS

**UT WOS:** 000697839300001

**JCR 期刊分区:**

MATERIALS RESEARCH EXPRESS

impact factor

1.62 1.618

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
| --- | --- | --- |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 272/334 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.62

**研究领域:** Materials Science

（二）材料科学与工程学院（67 篇）

1. **AU:** Wang, SL ; Zhao, LY ; Li, JX ; Tian, XL ; Wu, X ; Feng, LG

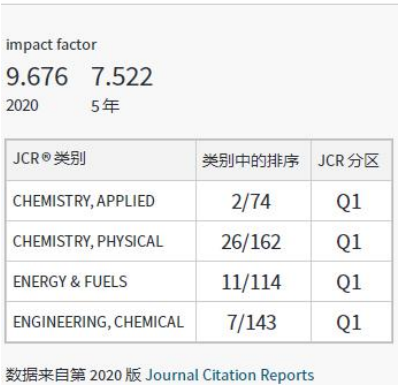
**TI:** High valence state of Ni and Mo synergism in NiS2-MoS2 hetero-nanorods catalyst with layered surface structure for urea electrocatalysis

**SO:** JOURNAL OF ENERGY CHEMISTRY

**UT WOS:** 000701811200010

**JCR 期刊分区:**

JOURNAL OF ENERGY CHEMISTRY



impact factor

9.676 7.522

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, APPLIED | 2/74 | Q1 |
| CHEMISTRY, PHYSICAL | 26/162 | Q1 |
| ENERGY & FUELS | 11/114 | Q1 |
| ENGINEERING, CHEMICAL | 7/143 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 9.676

**研究领域:** Chemistry；Energy & Fuels；Engineering

2. **AU:** Wang, SL ; Zhao, LY ; Li, JX ; Tian, XL ; Wu, X ; Feng, LG

**TI:** Microstructure evolution and fracture mechanism of a TiAl-Nb alloy during high-temperature tensile testing

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

**UT WOS:** 000703531400001

**JCR 期刊分区:**

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

impact factor

5.234 5.266

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 98/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 8/80 | Q1 |
| NANOSCIENCE & NANOTECHNOLOGY | 47/106 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.234

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

3. **AU:** Nie, MH ; Zhang, S ; Wang, ZY ; Zhang, CH ; Chen, HT ; Chen, J

**TI:** Effect of laser power on microstructure and interfacial bonding strength of laser cladding 17-4PH stainless steel coatings

**SO:** MATERIALS CHEMISTRY AND PHYSICS

**UT WOS:** 000702812800004

**JCR 期刊分区:**

MATERIALS CHEMISTRY AND PHYSICS

impact factor

4.094 3.538

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 126/334 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.094

**研究领域:** Materials Science

**4.** **AU:** Wang, S; Li, YM ; Wang, J ; Zheng, ZB ; Luo, TG ; Zheng, KH ; Long, J

**TI:** Effect of sintering temperature on the microstructure and properties of Ti/ W-C reinforced Fe-based composites

**SO:** VACUUM

**UT WOS:** 000701873000001

**JCR 期刊分区:**

VACUUM

impact factor

3.627 3.118

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 151/334 | Q2 |
| PHYSICS, APPLIED | 50/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.627

**研究领域:** Materials Science； Physics

**5.** **AU:** Zhu, N ; Guo, YX ; Zhang, XD ; Wang, F

**TI:** The elastic anisotropy, electronic and thermodynamic properties of TM5Si4(TM= Sc, Y, Ti, Zr and Hf) silicides from first-principles calculations

**SO:** VACUUM

**UT WOS:** 000701984500002

**JCR 期刊分区:**

VACUUM

impact factor

3.627 3.118

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 151/334 | Q2 |
| PHYSICS, APPLIED | 50/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.627

**研究领域:** Materials Science； Physics

6. **AU:** Cheng, YL ; Zuo, XJ ; Yuan, XG ; Zhu, HJ ; Huang, HJ ; Wang, YX ; Zhang, YF

**TI:** Preparation of fluorine silicon copolymer superhydrophobic anticorrosive coating on copper aluminium composite by one step spraying

**SO:** MATERIALS LETTERS

**UT WOS:** 000697350800009

**JCR 期刊分区:**

MATERIALS LETTERS

impact factor

3.423 3.003

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 163/334 | Q2 |
| PHYSICS, APPLIED | 52/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.423

**研究领域:** Materials Science； Physics

7. **AU:** Cheng, Q ; Fang, TH ; Xie, P ; Zhao, Y ; You, JH ; Xu, XD

**TI:** Impact of surface gradient structures on mechanical properties of a dual- phase AlCrFe2(Ni0.85Co0.15)2 multi-component eutectic alloy

**SO:** JOURNAL OF ALLOYS AND COMPOUNDS

**UT WOS:** 000701687300001

**JCR 期刊分区:**

JOURNAL OF ALLOYS AND COMPOUNDS

impact factor

5.316 4.631

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 53/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 97/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 6/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.316

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

**8.** **AU:** Wang, X ; Cheng, MH ; Xiao, GZ ; Wang, C ; Qiao, RQ ; Zhang, F ; Bai, Y ; Li, YZ ; Wu, YS ; Wang, ZJ

**TI:** Preparation and corrosion resistance of high-entropy disilicate (Y0.25Yb0.25Er0.25Sc0.25)(2)Si2O7 ceramics

**SO:** CORROSION SCIENCE

**UT WOS:** 000700930900002

**JCR 期刊分区:**

CORROSION SCIENCE

impact factor

7.205 7.687

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 71/334 | Q1 |
| METALLURGY & METALLURGICAL ENGINEERING | 4/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 7.205

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

**9.** **AU:** Zhao, T ; Zhang, S ; Zhou, FQ ; Zhang, HF ; Zhang, CH ; Chen, J

**TI:** Microstructure evolution and properties of in-situ TiC reinforced titanium matrix composites coating by plasma transferred arc welding (PTAW)

**SO:** SURFACE & COATINGS TECHNOLOGY

**UT WOS:** 000697567600008

**JCR 期刊分区:**

SURFACE & COATINGS TECHNOLOGY

impact factor

4.158 3.958

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, COATINGS & FILMS | 6/21 | Q2 |
| PHYSICS, APPLIED | 40/160 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.158

**研究领域:** Materials Science；Physics

**10.** **AU:** Wang, Z ; Liu, BY ; Wang, F ; Zhou, L ; Tie, D ; Mao, PL ; Liu, Z

**TI:** Quasi-in-situ investigation on extension twinning behavior of extruded ZC61 alloy during dynamic compression

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

**UT WOS:** 000697058100002

**JCR 期刊分区:**

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

impact factor

5.234 5.266

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 98/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 8/80 | Q1 |
| NANOSCIENCE & NANOTECHNOLOGY | 47/106 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.234

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

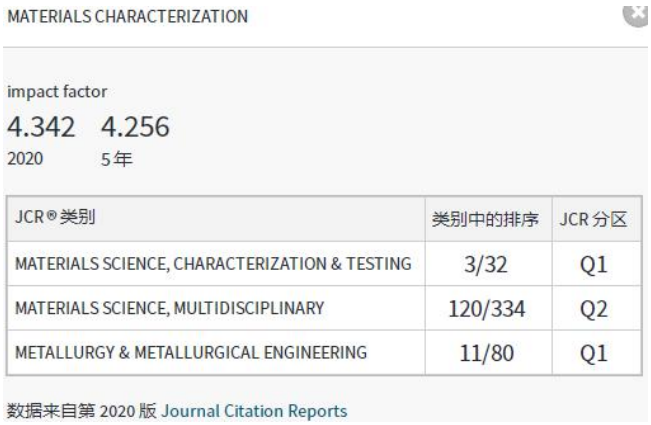
**11.** **AU:** Tian, N ; Zhao, GQ ; Meng, T ; Tian, SG ; Liu, LR ; Yan, HJ ; Wang, GY ; Jin, FW

**TI:** Ultra-high-temperature creep behavior of a single-crystal nickel-based superalloy containing 6% Re/5% Ru

**SO:** MATERIALS CHARACTERIZATION

**UT WOS:** 000701949100005

**JCR 期刊分区:**




**2020 影响因子:** 4.342

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

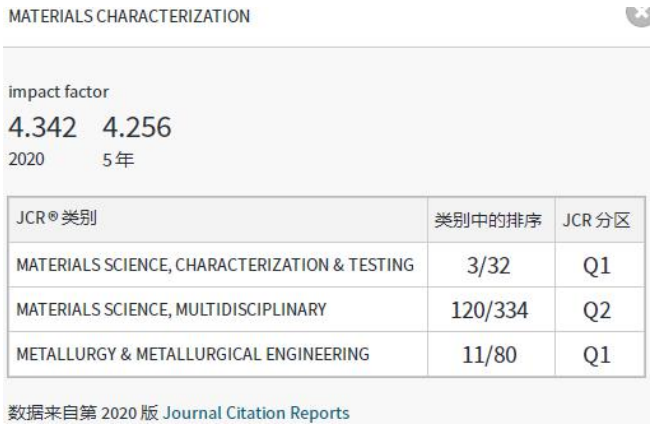
**12. AU:** Hao, JF ; Yu, BY; Bian, JC ; Zheng, L ; Nie, SN ; Li, RX

**TI:** Comparison of the semisolid squeeze casting and gravity casting process on the precipitation behavior and mechanical properties of the Al-Si-Cu-Mg alloy

**SO:** MATERIALS CHARACTERIZATION

**UT WOS:** 000697461400002

**JCR 期刊分区:**




**2020 影响因子:** 4.342

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

**13. AU:** Zhao, YY ; Li, LS ; Wu, YS ; Fang, YJ ; Xie, HW

**TI:** Progress of the Elements Doped NaFeO2 Cathode Materials for High Performance Sodium-ion Batteries

**SO:** CHEMISTRYSELECT

**UT WOS:** 000700172100020

**JCR 期刊分区:**

CHEMISTRYSELECT

impact factor

2.109 2.054

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 116/178 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.109

**研究领域:** Chemistry

**14.** **AU:** Liu, Y ; Liu, Y ; Yamauchi, Y ; Alothman, ZA ; Kaneti, YV ; Wu, X

**TI:** Enhanced Zinc Ion Storage Capability of V2O5 Electrode Materials with Hollow Interior Cavities

**SO:** BATTERIES & SUPERCAPS

**UT WOS:** 000697453200001

**JCR 期刊分区:**

BATTERIES & SUPERCAPS

impact factor

7.093 7.093

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ELECTROCHEMISTRY | 7/29 | Q1 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 73/334 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 7.093

**研究领域:** Electrochemistry； Materials Science

**15.** **AU:** Hou, PQ ; Qu, YD ; Li, PW ; Wang, Q ; Luo, SH

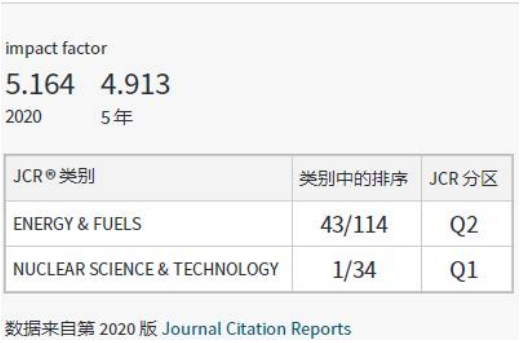
**TI:** Controllable synthesis of polystyrene microspheres used as template and in-situ carbon source for Li2MnSiO4 cathode material to boost lithium-ion batteries performance

**SO:** INTERNATIONAL JOURNAL OF ENERGY RESEARCH

**UT WOS:** 000696347500001

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF ENERGY RESEARCH



impact factor

5.164 4.913

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENERGY & FUELS | 43/114 | Q2 |
| NUCLEAR SCIENCE & TECHNOLOGY | 1/34 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.164

**研究领域:** Energy & Fuels；Nuclear Science & Technology

**16.** **AU:** Ouyang, YY ; Otitoju, TA ; Jiang, DF ; Li, SX ; Shoparwe, NF ; Wang, S ; Zhang, AL

**TI:** Synthesis of PVDF-B4C mixed matrix membrane for ultrafiltration of protein and photocatalytic dye removal

**SO:** JOURNAL OF APPLIED POLYMER SCIENCE

**UT WOS:** 000695646500001

**JCR 期刊分区:**

JOURNAL OF APPLIED POLYMER SCIENCE

impact factor

3.125 2.754

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| POLYMER SCIENCE | 35/90 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.125

**研究领域:** Polymer Science

**17.** **AU:** Jiang, DF ; Otitoju, TA ; Ouyang, YY ; Shoparwe, NF ; Wang, S ; Zhang, AL ; Li, SX

**TI:** A Review on Metal Ions Modified TiO2 for Photocatalytic Degradation of Organic Pollutants

**SO:** CATALYSTS

**UT WOS:** 000699171600001

**JCR 期刊分区:**

CATALYSTS

impact factor

4.146 4.399

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 67/162 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.146

**研究领域:** Chemistry

**18.** **AU:** Xu, ZY ; Sha, YH ; He, ZH ; Zhang, F ; Liu, W ; Zhang, HB ; Zuo, L

**TI:** Complete Goss Secondary Recrystallization by Control of the Grain Size and Texture of Primary Recrystallization in Grain-Oriented Silicon Steel

**SO:** MATERIALS

**UT WOS:** 000700675000001

**JCR 期刊分区:**

MATERIALS

impact factor

3.623 3.92

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 79/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 152/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 17/80 | Q1 |
| PHYSICS, APPLIED | 51/160 | Q2 |
| PHYSICS, CONDENSED MATTER | 27/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.623

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

**19.** **AU:** Shoparwe, NF ; Kee, LC ; Otitoju, TA ; Shukor, H ; Zainuddin, N ; Makhtar, MMZ

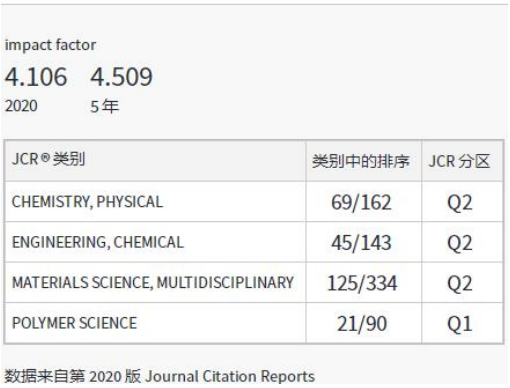
**TI:** Removal of Humic Acid Using 3-Methacryloxypropyl Trimethoxysilane Functionalized MWCNT Loaded TiO2/PES Hybrid Membrane

**SO:** MEMBRANES

**UT WOS:** 000699778700001

**JCR 期刊分区:**

MEMBRANES



impact factor

4.106 4.509

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 69/162 | Q2 |
| ENGINEERING, CHEMICAL | 45/143 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 125/334 | Q2 |
| POLYMER SCIENCE | 21/90 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.106

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

**20. AU:** Soo, JAL ; Makhtar, MMZ ; Shoparwe, NF ; Otitoju, TA ; Mohamad, M ; Tan, LS ; Li, SX

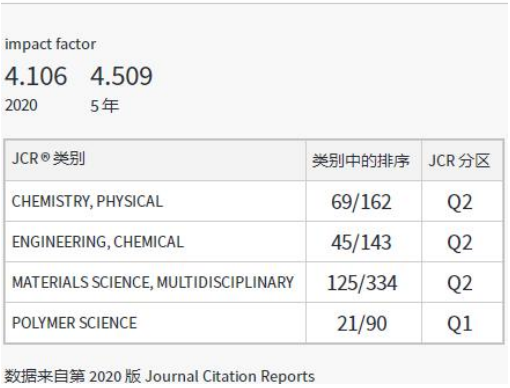
**TI:** Characterization and Kinetic Studies of Poly(vinylidene fluoride-co-hexafluoropropylene) Polymer Inclusion Membrane for the Malachite Green Extraction

**SO:** MEMBRANES

**UT WOS:** 000699488800001

**JCR 期刊分区:**

MEMBRANES



impact factor

4.106 4.509

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 69/162 | Q2 |
| ENGINEERING, CHEMICAL | 45/143 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 125/334 | Q2 |
| POLYMER SCIENCE | 21/90 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.106

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

**21. AU:** Liu, ZQ ; Wang, CY ; Wang, WB ; Xu, GJ ; Liu, XY

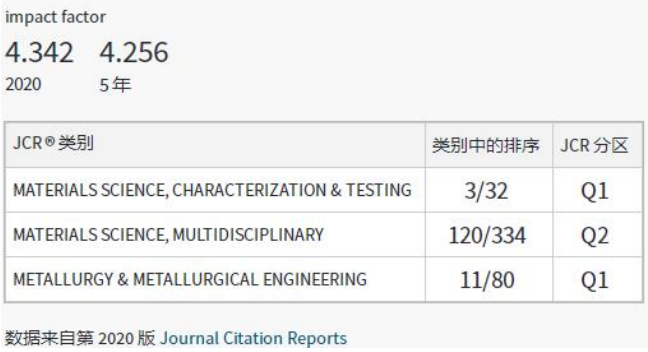
**TI:** Effects of Tantalum on the microstructure and properties of Ti-48Al-2Cr-2Nb alloy fabricated via laser additive manufacturing

**SO:** MATERIALS CHARACTERIZATION

**UT WOS:** 000692567800007

**JCR 期刊分区:**

MATERIALS CHARACTERIZATION



impact factor

4.342 4.256

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, CHARACTERIZATION & TESTING | 3/32 | Q1 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 120/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 11/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.342

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

**22. AU:** Shi, MH ; Di, M ; Zhang, J ; Kannan, R ; Li, J ; Yuan, XG ; Li, LJ

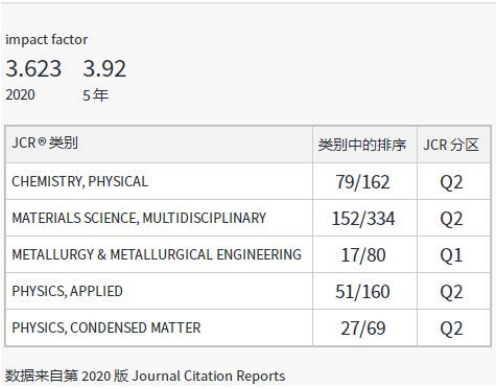
**TI:** Effect of Initial Microstructure on the Toughness of Coarse-Grained Heat-Affected Zone in a Microalloyed Steel

**SO:** MATERIALS

**UT WOS:** 000689385500001

**JCR 期刊分区:**

MATERIALS



impact factor

3.623 3.92

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 79/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 152/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 17/80 | Q1 |
| PHYSICS, APPLIED | 51/160 | Q2 |
| PHYSICS, CONDENSED MATTER | 27/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.623

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

**23. AU:** Wang, SL ; Zhao, LY ; Li, JX ; Tian, XL ; Wu, X ; Feng, LG

**TI:** High valence state of Ni and Mo synergism in NiS2-MoS2 hetero-nanorods catalyst with layered surface structure for urea electrocatalysis

**SO:** JOURNAL OF ENERGY CHEMISTRY

**UT WOS:** 000701811200010

**JCR 期刊分区:**

JOURNAL OF ENERGY CHEMISTRY

impact factor

9.676 7.522

2020 5 年

| JCR ® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, APPLIED | 2/74 | Q1 |
| CHEMISTRY, PHYSICAL | 26/162 | Q1 |
| ENERGY & FUELS | 11/114 | Q1 |
| ENGINEERING, CHEMICAL | 7/143 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 9.676

**研究领域:** Chemistry； Energy & Fuels； Engineering

**24. AU:** You, JQ ; Zhao, YQ ; Dong, CL ; Miao, S ; Liu, Z ; Liu, L ; Su, YH

**TI:** Microstructural evolution and mechanical properties of the Al-Cu dissimilar joint enhanced by stationary-dynamic shoulder friction stir welding

**SO:** JOURNAL OF MATERIALS PROCESSING TECHNOLOGY

**UT WOS:** 000710663400002

**JCR 期刊分区:**

JOURNAL OF MATERIALS PROCESSING TECHNOLOGY

impact factor

5.551 5.613

2020 5 年

| JCR ® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, INDUSTRIAL | 13/49 | Q2 |
| ENGINEERING, MANUFACTURING | 13/50 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 91/334 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.551

**研究领域:** Engineering； Materials Science

**25. AU:** Lin, XJ ; Huang, HJ ; Yuan, XG ; Wang, YX ; Zheng, BW ; Zuo, XJ ; Zhou, G

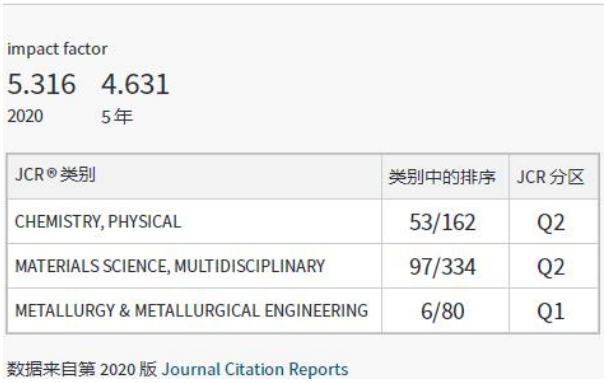
**TI:** Study on high-temperature deformation mechanical behavior and dynamic recrystallization kinetics model of Ti-47.5Al-2.5V-1.0Cr-0.2Zr alloy

**SO:** JOURNAL OF ALLOYS AND COMPOUNDS

**UT WOS:** 000706374400001

**JCR 期刊分区:**

JOURNAL OF ALLOYS AND COMPOUNDS



impact factor

5.316 4.631

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 53/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 97/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 6/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.316

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

**26. AU:** Wu, ZD ; Yang, XQ ; Gao, HW ; Shen, HL ; Wu, HX ; Xia, XF ; Wu, X ; Wu, L ; Yang, JZ ; Hao, QL

**TI:** Controllable synthesis of ZnCo2O4@NiCo2O4 heterostructures on Ni foam for hybrid supercapacitors with superior performance

**SO:** JOURNAL OF ALLOYS AND COMPOUNDS

**UT WOS:** 000706382000003

**JCR 期刊分区:**

JOURNAL OF ALLOYS AND COMPOUNDS

impact factor

5.316 4.631

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 53/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 97/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 6/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.316

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

**27. AU:** Zhang, SK ; Tian, N ; Li, DY ; Li, JH ; Jin, FW ; Wang, GY ; Tian, SG

**TI:** Microstructure evolution and fracture mechanism of a TiAl-Nb alloy during high-temperature tensile testing

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

**UT WOS:** 000703531400001

**JCR 期刊分区:**

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

impact factor

5.234 5.266

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 98/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 8/80 | Q1 |
| NANOSCIENCE & NANOTECHNOLOGY | 47/106 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.234

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

**28. AU:** Cui, FH ; Wang, DS ; Hu, F ; Yu, X ; Guan, C ; Song, GH ; Xu, F ; Zhu, K

**TI:** Deficiency and surface engineering boosting electronic and ionic kinetics in NH4V4O10 for high-performance aqueous zinc-ion battery

**SO:** ENERGY STORAGE MATERIALS

**UT WOS:** 000718172000002

**JCR 期刊分区:**

ENERGY STORAGE MATERIALS

impact factor

17.789 17.712

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 11/162 | Q1 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 17/334 | Q1 |
| NANOSCIENCE & NANOTECHNOLOGY | 8/106 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 17.789

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

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

**TI:** Oxidation behaviour and microstructure evolution of Zr-containing steel under continuous high-temperature exposure

**SO:** MATERIALS CHEMISTRY AND PHYSICS

**UT WOS:** 000705840800001

**JCR 期刊分区:**

MATERIALS CHEMISTRY AND PHYSICS


**2020 影响因子:** 4.094

**研究领域:** Materials Science

**30.** **AU:** Yu, XF ; Wei, YH ; Zheng, DY ; Shen, XY ; Su, Y ; Xia, YZ ; Liu, YB

**TI:** Effect of nano-bainite microstructure and residual stress on friction properties of M50 bearing steel

**SO:** TRIBOLOGY INTERNATIONAL

**UT WOS:** 000706190100003

**JCR 期刊分区:**

TRIBOLOGY INTERNATIONAL


**2020 影响因子:** 4.872

**研究领域:** Engineering

**31.** **AU:** Nie, MH ; Zhang, S ; Wang, ZY ; Zhang, CH ; Chen, HT ; Chen, J

**TI:** Effect of laser power on microstructure and interfacial bonding strength of laser cladding 17-4PH stainless steel coatings

**SO:** MATERIALS CHEMISTRY AND PHYSICS

**UT WOS:** 000702812800004

**JCR 期刊分区:**

MATERIALS CHEMISTRY AND PHYSICS


**2020 影响因子:** 4.094

**研究领域:** Materials Science

**32. AU:** Song, L ; Liu, WH ; Zhao, KB ; Xin, FH ; Li, YM

**TI:** Effects of water and carbon dioxide pressure on the adhesion of Na2SiO3 and K2SiO3 binders on silica sand surface: Comparison of experimental data and molecular dynamics simulation

**SO:** CERAMICS INTERNATIONAL

**UT WOS:** 000708540300003

**JCR 期刊分区:**

CERAMICS INTERNATIONAL


**2020 影响因子:** 4.527

**研究领域:** Materials Science

**33. AU:** Hou, PQ ; Qu, YD ; Li, PW ; Wang, Q ; Luo, SH

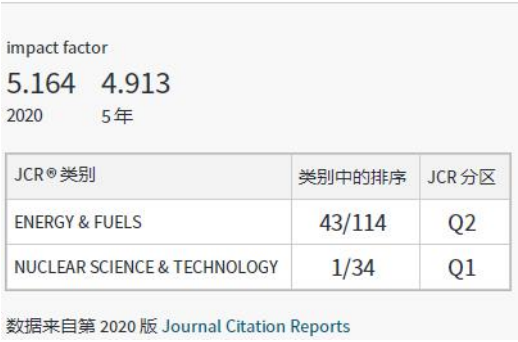
**TI:** Controllable synthesis of polystyrene microspheres used as template and in-situ carbon source for Li2MnSiO4 cathode material to boost lithium-ion batteries performance

**SO:** INTERNATIONAL JOURNAL OF ENERGY RESEARCH

**UT WOS:** 000696347500001

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF ENERGY RESEARCH



impact factor

5.164 4.913

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENERGY & FUELS | 43/114 | Q2 |
| NUCLEAR SCIENCE & TECHNOLOGY | 1/34 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.164

**研究领域:** Energy & Fuels；Nuclear Science & Technology

**34.** **AU:** Ouyang, YY ; Otitoju, TA ; Jiang, DF ; Li, SX ; Shoparwe, NF ; Wang, S ; Zhang, AL

**TI:** Synthesis of PVDF-B4C mixed matrix membrane for ultrafiltration of protein and photocatalytic dye removal

**SO:** JOURNAL OF APPLIED POLYMER SCIENCE

**UT WOS:** 000695646500001

**JCR 期刊分区:**

JOURNAL OF APPLIED POLYMER SCIENCE

impact factor

3.125 2.754

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| POLYMER SCIENCE | 35/90 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.125

**研究领域:** Polymer Science

**35.** **AU:** Wang, Z ; Huang, SB ; Wang, F ; Zhou, L ; Tie, D ; Mao, PL ; Liu, Z

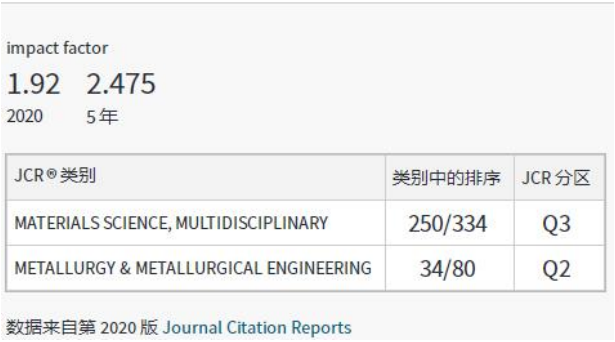
**TI:** Effect of aging-treatment on dynamic compression behaviour and microstructure of ZK60 alloy

**SO:** MATERIALS SCIENCE AND TECHNOLOGY

**UT WOS:** 000709592400005

**JCR 期刊分区:**

MATERIALS SCIENCE AND TECHNOLOGY



impact factor

1.92 2.475

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 250/334 | Q3 |
| METALLURGY & METALLURGICAL ENGINEERING | 34/80 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.92

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

**36. AU:** Fu, CR ; Zhang, W ; Xiang, QC ; Qu, YD ; Ren, YL ; Yu, B ; Qiu, KQ

**TI:** Glass formation in Fe-Cr-Zr-B-Mo alloys by tuning Nb addition

**SO:** CHINA FOUNDRY

**UT WOS:** 000717516400003

**JCR 期刊分区:**

CHINA FOUNDRY

impact factor

1.202 1.033

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| METALLURGY & METALLURGICAL ENGINEERING | 56/80 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.202

**研究领域:** Metallurgy & Metallurgical Engineering

**37. AU:** Wang, S ; Li, YM ; Wang, J ; Zheng, ZB ; Luo, TG ; Zheng, KH ; Long, J

**TI:** Effect of sintering temperature on the microstructure and properties of Ti/ W-C reinforced Fe-based composites

**SO:** VACUUM

**UT WOS:** 000701873000001

**JCR 期刊分区:**

VACUUM

impact factor

3.627 3.118

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 151/334 | Q2 |
| PHYSICS, APPLIED | 50/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.627

**研究领域:** Materials Science；Physics

**38.** **AU:** Zhu, N ; Guo, YX ; Zhang, XD ; Wang, F

**TI:** The elastic anisotropy, electronic and thermodynamic properties of TM5Si4(TM= Sc, Y, Ti, Zr and Hf) silicides from first-principles calculations

**SO:** VACUUM

**UT WOS:** 000701984500002

**JCR 期刊分区:**

VACUUM

impact factor

3.627 3.118

2020 5 年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 151/334 | Q2 |
| PHYSICS, APPLIED | 50/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.627

**研究领域:** Materials Science；Physics

**39.** **AU:** Cheng, YL ; Zuo, XJ ; Yuan, XG ; Zhu, HJ ; Huang, HJ ; Wang, YX ; Zhang, YF

**TI:** Preparation of fluorine silicon copolymer superhydrophobic anticorrosive coating on copper aluminium composite by one step spraying

**SO:** MATERIALS LETTERS

**UT WOS:** 000697350800009

**JCR 期刊分区:**

MATERIALS LETTERS

impact factor

3.423 3.003

2020 5 年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 163/334 | Q2 |
| PHYSICS, APPLIED | 52/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.423

**研究领域:** Materials Science；Physics

**40.** **AU:** Zhao, Y ; You, JH ; Wang, L ; Bao, WT ; Yao, RY

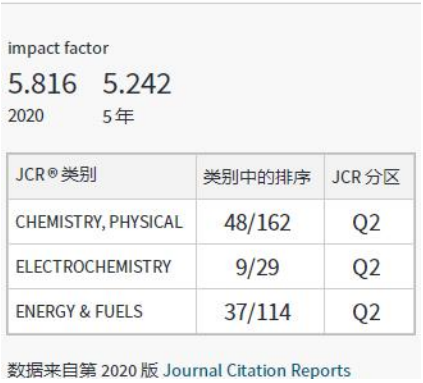
**TI:** Recent advances in Ni3S2-based electrocatalysts for oxygen evolution reaction

**SO:** INTERNATIONAL JOURNAL OF HYDROGEN ENERGY

**UT WOS:** 000717431300003

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY



impact factor

5.816 5.242

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 48/162 | Q2 |
| ELECTROCHEMISTRY | 9/29 | Q2 |
| ENERGY & FUELS | 37/114 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.816

**研究领域:** Chemistry； Electrochemistry； Energy & Fuels

**41. AU:** Cheng, Q ; Fang, TH ; Xie, P ; Zhao, Y ; You, JH ; Xu, XD

**TI:** Impact of surface gradient structures on mechanical properties of a dual- phase AlCrFe2(Ni0.85Co0.15)2 multi-component eutectic alloy

**SO:** JOURNAL OF ALLOYS AND COMPOUNDS

**UT WOS:** 000701687300001

**JCR 期刊分区:**

JOURNAL OF ALLOYS AND COMPOUNDS

impact factor

5.316 4.631

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 53/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 97/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 6/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.316

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

**42. AU:** Liu, RJ ; Xia, W ; Otitoju, TA ; Wu, WD ; Wang, S ; Li, SX ; Zhang, AL ; Chen, XC ; Tang, T ; Liu, J

**TI:** Effect of oleic acid on improving flame retardancy of brucite in low-density polyethylene composite

**SO:** JOURNAL OF APPLIED POLYMER SCIENCE

**UT WOS:** 000714590100001

**JCR 期刊分区:**

JOURNAL OF APPLIED POLYMER SCIENCE

impact factor

3.125 2.754

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| POLYMER SCIENCE | 35/90 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.125

**研究领域:** Polymer Science

**43. AU:** Hao, JF ; Yu, BY ; Bian, JC ; Chen, B ; Wu, HS ; Li, WR ; Li, YF ; Li, RX

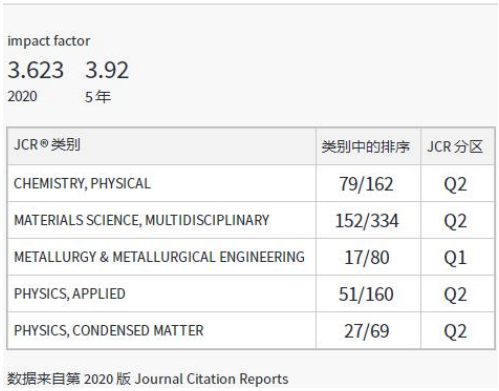
**TI:** Calculation Based on the Formation of Mg2Si and Its Effect on the Microstructure and Properties of Al-Si Alloys

**SO:** MATERIALS

**UT WOS:** 000718642300001

**JCR 期刊分区:**

MATERIALS



impact factor

3.623 3.92

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 79/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 152/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 17/80 | Q1 |
| PHYSICS, APPLIED | 51/160 | Q2 |
| PHYSICS, CONDENSED MATTER | 27/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.623

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

**44. AU:** Yuan, S ; Wang, JH ; Jin, PP ; Zhang, L

**TI:** Hot tensile deformation behavior and microstructure evolution of Mg-1Al-6Y alloy

**SO:** MATERIALS RESEARCH EXPRESS

**UT WOS:** 000716749600001

**JCR 期刊分区:**

MATERIALS RESEARCH EXPRESS

impact factor

1.62 1.618

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 272/334 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.62

**研究领域:** Materials Science

**45. AU:** Wang, HZ ; Li, ZJ ; Liu, Z ; Yan, Y ; Zhi, PY

**TI:** Effects of Ho nanopowders intergranular addition on microstructure and properties of sintered Nd-Fe-B

**SO:** JOURNAL OF NANOPARTICLE RESEARCH

**UT WOS:** 000711428400001

**JCR 期刊分区:**

JOURNAL OF NANOPARTICLE RESEARCH

impact factor

2.253 2.359

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 114/178 | Q3 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 229/334 | Q3 |
| NANOSCIENCE & NANOTECHNOLOGY | 85/106 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.253

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

**46. AU:** Wang, X ; Cheng, MH ; Xiao, GZ ; Wang, C ; Qiao, RQ ; Zhang, F ; Bai, Y ; Li, YZ ; Wu, YS ; Wang, ZJ

**TI:** Preparation and corrosion resistance of high-entropy disilicate (Y0.25Yb0.25Er0.25Sc0.25)(2)Si2O7 ceramics

**SO:** CORROSION SCIENCE

**UT WOS:** 000700930900002

**JCR 期刊分区:**

CORROSION SCIENCE

impact factor

7.205 7.687

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 71/334 | Q1 |
| METALLURGY & METALLURGICAL ENGINEERING | 4/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 7.205

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

**47. AU:** Zhang, YF ; Lin, L ; Liu, JT ; Peng, JY ; Chen, Z ; Chen, LJ

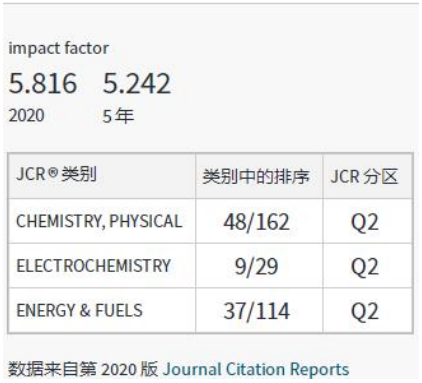
**TI:** A hierarchical and branch-like NiCoS/NF material prepared by gradient electrodeposition method for oxygen evolution reaction

**SO:** INTERNATIONAL JOURNAL OF HYDROGEN ENERGY

**UT WOS:** 000709721100002

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY



impact factor

5.816 5.242

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 48/162 | Q2 |
| ELECTROCHEMISTRY | 9/29 | Q2 |
| ENERGY & FUELS | 37/114 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.816

**研究领域:** Chemistry； Electrochemistry； Energy & Fuels

**48. AU:** Zhao, T ; Zhang, S ; Zhou, FQ ; Zhang, HF ; Zhang, CH ; Chen, J

**TI:** Microstructure evolution and properties of in-situ TiC reinforced titanium matrix composites coating by plasma transferred arc welding (PTAW)

**SO:** SURFACE & COATINGS TECHNOLOGY

**UT WOS:** 000697567600008

**JCR 期刊分区:**

SURFACE & COATINGS TECHNOLOGY

impact factor

4.158 3.958

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, COATINGS & FILMS | 6/21 | Q2 |
| PHYSICS, APPLIED | 40/160 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.158

**研究领域:** Materials Science； Physics

**49. AU:** Duan, ZX ; Tan, XJ ; Sun, YC ; Zhang, WC ; Umar, A ; Wu, X

**TI:** Manipulating the Electrocatalytic Performance of NiCoP Nanowires by V Doping Under Acidic and Basic Conditions for Hydrogen and Oxygen Evolution Reactions

**SO:** ACS APPLIED NANO MATERIALS

**UT WOS:** 000711030600083

**JCR 期刊分区:**

ACS APPLIED NANO MATERIALS

impact factor

5.097 5.1

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 101/334 | Q2 |
| NANOSCIENCE & NANOTECHNOLOGY | 48/106 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.097

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

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

**TI:** Corrosion behavior of Cu/Al casting-rolled clad plates in different alkaline solution

**SO:** CHINA FOUNDRY

**UT WOS:** 000707567900002

**JCR 期刊分区:**

CHINA FOUNDRY

impact factor

1.202 1.033

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| METALLURGY & METALLURGICAL ENGINEERING | 56/80 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.202

**研究领域:** Metallurgy & Metallurgical Engineering

**51.** **AU:** Sun, YC ; Wang, XW ; Zhang, WC ; Wu, X

**TI:** Mesoporous Co-Mo-S nanosheet networks as cathode materials for flexible electrochemical capacitors

**SO:** CRYSTENGCOMM

**UT WOS:** 000711461500001

**JCR 期刊分区:**

CRYSTENGCOMM

impact factor

3.545 3.297

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 76/178 | Q2 |
| CRYSTALLOGRAPHY | 6/25 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.545

**研究领域:** Chemistry；Crystallography

**52.** **AU:** Du, K ; Huang, SH ; Wang, HB ; Yu, FX ; Pan, L ; Huang, HJ ; Zheng, WT ; Yuan, XG

**TI:** Effect of Different Yield Criteria and Material Parameter Identification Methods on the Description Accuracy of the Anisotropic Behavior of 5182-O Aluminum Alloy

**SO:** JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

**UT WOS:** 000706630500002

**JCR 期刊分区:**

JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE

impact factor

| 1.819 | 1.895 |
|---|---|
| 2020 | 5年 |

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 259/334 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.819

**研究领域:** Materials Science

**53.** **AU:** Jia, X ; Liu, WH ; Song, L ; Xin, FH ; Liang, R

**TI:** Research on Compound-Modified Self-hardening Phosphate Binder

**SO:** INTERNATIONAL JOURNAL OF METALCASTING

**UT WOS:** 000705159000001

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF METALCASTING

impact factor

| 1.805 | 1.888 |
|---|---|
| 2020 | 5年 |

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| METALLURGY & METALLURGICAL ENGINEERING | 38/80 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.805

**研究领域:** Metallurgy & Metallurgical Engineering

**54.** **AU:** Dong, ZH ; Li, YW ; Lee, B ; Babkin, A ; Chang, YL

**TI:** Research status of welding technology of ferritic stainless steel

**SO:** INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

**UT WOS:** 000705830900001

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

impact factor

3.226 3.32

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| AUTOMATION & CONTROL SYSTEMS | 30/63 | Q2 |
| ENGINEERING, MANUFACTURING | 24/50 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.226

**研究领域:** Automation & Control Systems；Engineering

**55. AU:** Wang, Z ; Liu, BY ; Wang, F ; Zhou, L ; Tie, D ; Mao, PL ; Liu, Z

**TI:** Quasi-in-situ investigation on extension twinning behavior of extruded ZC61 alloy during dynamic compression

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

**UT WOS:** 000697058100002

**JCR 期刊分区:**

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

impact factor

5.234 5.266

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 98/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 8/80 | Q1 |
| NANOSCIENCE & NANOTECHNOLOGY | 47/106 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.234

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

**56. AU:** Han, L; Zhang, HY ; Cheng, J ; Zhou, G ; Wang, C ; Chen, LJ

**TI:** Thermal Deformation Behavior of Ti-6Mo-5V-3Al-2Fe Alloy

**SO:** CRYSTALS

**UT WOS:** 000716147700001

**JCR 期刊分区:**

CRYSTALS

impact factor

2.589 2.615

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CRYSTALLOGRAPHY | 9/25 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 204/334 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.589

**研究领域:** Crystallography； Materials Science

**57.** **AU:** Tao, CC ; Huang, HJ ; Zhou, G ; Zheng, BW ; Zuo, XJ ; Chen, LJ ; Yuan, XG

**TI:** Research on the Hot Deformation Behavior of the Casting NiTi Alloy

**SO:** MATERIALS

**UT WOS:** 000714864700001

**JCR 期刊分区:**

MATERIALS

impact factor

3.623 3.92

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 79/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 152/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 17/80 | Q1 |
| PHYSICS, APPLIED | 51/160 | Q2 |
| PHYSICS, CONDENSED MATTER | 27/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.623

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

**58.** **AU:** Tian, N ; Zhao, GQ ; Meng, T ; Tian, SG ; Liu, LR ; Yan, HJ ; Wang, GY ; Jin, FW

**TI:** Ultra-high-temperature creep behavior of a single-crystal nickel-based superalloy containing 6% Re/5% Ru

**SO:** MATERIALS CHARACTERIZATION

**UT WOS:** 000701949100005

**JCR 期刊分区:**

MATERIALS CHARACTERIZATION

impact factor

4.342 4.256

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MATERIALS SCIENCE, CHARACTERIZATION & TESTING | 3/32 | Q1 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 120/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 11/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.342

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

**59. AU:** Hao, JF ; Yu, BY ; Bian, JC ; Zheng, L ; Nie, SN ; Li, RX

**TI:** Comparison of the semisolid squeeze casting and gravity casting process on the precipitation behavior and mechanical properties of the Al-Si-Cu-Mg alloy

**SO:** MATERIALS CHARACTERIZATION

**UT WOS:** 000697461400002

**JCR 期刊分区:**

MATERIALS CHARACTERIZATION

impact factor

4.342 4.256

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MATERIALS SCIENCE, CHARACTERIZATION & TESTING | 3/32 | Q1 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 120/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 11/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.342

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

**60. AU:** Zhao, YY ; Li, LS ; Wu, YS ; Fang, YJ ; Xie, HW

**TI:** Progress of the Elements Doped NaFeO2 Cathode Materials for High Performance Sodium-ion Batteries

**SO:** CHEMISTRYSELECT

**UT WOS:** 000700172100020

**JCR 期刊分区:**

CHEMISTRYSELECT

impact factor

2.109 2.054

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 116/178 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.109

**研究领域:** Chemistry

**61.** **AU:** Liu, Y ; Liu, Y ; Yamauchi, Y ; Alothman, ZA ; Kaneti, YV ; Wu, X

**TI:** Enhanced Zinc Ion Storage Capability of V2O5 Electrode Materials with Hollow Interior Cavities

**SO:** BATTERIES & SUPERCAPS

**UT WOS:** 000697453200001

**JCR 期刊分区:**

BATTERIES & SUPERCAPS

impact factor

7.093 7.093

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ELECTROCHEMISTRY | 7/29 | Q1 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 73/334 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 7.093

**研究领域:** Electrochemistry； Materials Science

**62.** **AU:** Jiang, DF ; Otitoju, TA ; Ouyang, YY ; Shoparwe, NF ; Wang, S ; Zhang, AL ; Li, SX

**TI:** A Review on Metal Ions Modified TiO2 for Photocatalytic Degradation of Organic Pollutants

**SO:** CATALYSTS

**UT WOS:** 000699171600001

**JCR 期刊分区:**

CATALYSTS

impact factor

4.146 4.399

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 67/162 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.146

**研究领域:** Chemistry

**63. AU:** Xu, ZY ; Sha, YH ; He, ZH ; Zhang, F ; Liu, W ; Zhang, HB ; Zuo, L

**TI:** Complete Goss Secondary Recrystallization by Control of the Grain Size and Texture of Primary Recrystallization in Grain-Oriented Silicon Steel

**SO:** MATERIALS

**UT WOS:** 000700675000001

**JCR 期刊分区:**

MATERIALS

impact factor

3.623 3.92

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 79/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 152/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 17/80 | Q1 |
| PHYSICS, APPLIED | 51/160 | Q2 |
| PHYSICS, CONDENSED MATTER | 27/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.623

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

**64. AU:** Xu, ZY ; Sha, YH ; He, ZH ; Zhang, F ; Liu, W ; Zhang, HB ; Zuo, L

**TI:** Removal of Humic Acid Using 3-Methacryloxypropyl Trimethoxysilane Functionalized MWCNT Loaded TiO2/PES Hybrid Membrane

**SO:** MEMBRANES

**UT WOS:** 000699778700001

**JCR 期刊分区:**

MEMBRANES

impact factor

4.106 4.509

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 69/162 | Q2 |
| ENGINEERING, CHEMICAL | 45/143 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 125/334 | Q2 |
| POLYMER SCIENCE | 21/90 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.106

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

**65. AU:** Soo, JAL ; Makhtar, MMZ ; Shoparwe, NF ; Otitoju, TA ; Mohamad, M ; Tan, LS ; Li, SX

**TI:** Characterization and Kinetic Studies of Poly(vinylidene fluoride-co-hexafluoropropylene) Polymer Inclusion Membrane for the Malachite Green Extraction

**SO:** MEMBRANES

**UT WOS:** 000699488800001

**JCR 期刊分区:**

MEMBRANES

impact factor

4.106 4.509

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 69/162 | Q2 |
| ENGINEERING, CHEMICAL | 45/143 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 125/334 | Q2 |
| POLYMER SCIENCE | 21/90 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.106

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

**66. AU:** Liu, ZQ ; Wang, CY ; Wang, WB ; Xu, GJ ; Liu, XY

**TI:** Effects of Tantalum on the microstructure and properties of Ti-48Al-2Cr-2Nb alloy fabricated via laser additive manufacturing

**SO:** MATERIALS CHARACTERIZATION

**UT WOS:** 000692567800007

**JCR 期刊分区:**

MATERIALS CHARACTERIZATION

impact factor

4.342 4.256

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, CHARACTERIZATION & TESTING | 3/32 | Q1 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 120/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 11/80 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.342

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

**67. AU:** Shi, MH ; Di, M ; Zhang, J ; Kannan, R ; Li, J ; Yuan, XG ; Li, LJ

**TI:** Effect of Initial Microstructure on the Toughness of Coarse-Grained Heat-Affected Zone in a Microalloyed Steel

**SO:** MATERIALS

**UT WOS:** 000689385500001

**JCR 期刊分区:**

MATERIALS

impact factor

3.623 3.92

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 79/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 152/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 17/80 | Q1 |
| PHYSICS, APPLIED | 51/160 | Q2 |
| PHYSICS, CONDENSED MATTER | 27/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.623

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

## （三）电气工程学院（44 篇）

**1.** **AU:** Lv, D ; Liu, JC ; Zhang, F ; Zhang, DZ

**TI:** Magnetic behaviors of an antiferromagnetic/ferromagnetic bilayer in a time-dependent magnetic field

**SO:** JOURNAL OF MOLECULAR GRAPHICS & MODELLING

**UT WOS:** 000696874900002

**JCR 期刊分区:**

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

2.518 2.293

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| BIOCHEMICAL RESEARCH METHODS | 49/78 | Q3 |
| BIOCHEMISTRY & MOLECULAR BIOLOGY | 223/295 | Q4 |
| COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS | 64/111 | Q3 |
| CRYSTALLOGRAPHY | 10/25 | Q2 |
| MATHEMATICAL & COMPUTATIONAL BIOLOGY | 24/58 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.518

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

**2.** **AU:** Yan, N ; Li, XJ ; Zhao, HC ; Zhong, Y ; Ma, SH

**TI:** Stratified Sorting Method of Battery Module Considering SOH in Echelon Utilization

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000698708000010

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

**3.** **AU:** Li, Y ; Yu, ZY ; Meng, H ; Wang, J ; Jing, YT

**TI:** Design and Optimization of Hybrid-Excited Claw-Pole Machine for Vehicle

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000698695700001

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

4. **AU:** Yan, N ; Zhao, HC ; Pan, X ; Ma, GC ; Ma, SH

**TI:** Study on the Cluster Selection Method of Echelon Utilization Power Battery Based on Confidence Interval Estimation

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000698709600002

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

5. **AU:** Li, Y ; Meng, TN ; Hou, BB ; Zhang, XJ ; Jing, YT

**TI:** Research on Measurement of Transformer Short-Circuit Force Using Piezoelectric Thin Film Polyvinylidene Fluoride Sensor

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000694007700002

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

6. **AU:** Sun, P ; Yun, T ; Chen, Z

**TI:** Multi-objective robust optimization of multi-energy microgrid with waste treatment

**SO:** RENEWABLE ENERGY

**UT WOS:** 000690880900006

**JCR 期刊分区:**

RENEWABLE ENERGY

impact factor

8.001 7.435

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENERGY & FUELS | 16/114 | Q1 |
| GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY | 7/44 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 8.001

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

7. **AU:** Ji, HC ; Wang, HX ; Yang, JY ; Feng, JW ; Yang, YY ; Okoye, MO

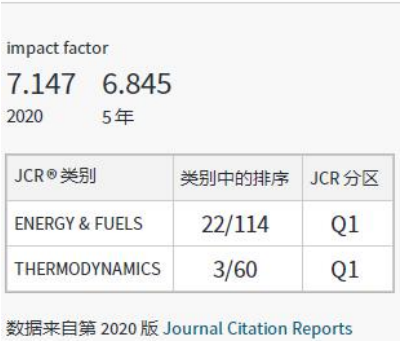
**TI:** Optimal schedule of solid electric thermal storage considering consumer behavior characteristics in combined electricity and heat networks

**SO:** ENERGY

**UT WOS:** 000691804300001

**JCR 期刊分区:**

ENERGY



impact factor

7.147 6.845

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENERGY & FUELS | 22/114 | Q1 |
| THERMODYNAMICS | 3/60 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 7.147

**研究领域:** Thermodynamics；Energy & Fuels

**8.** **AU:** Xu, YY ; Zhang, BY ; Feng, GH

**TI:** Electromagnetic design and thermal analysis of module combined permanent magnet motor with wrapped type for mine ball mill

**SO:** IET ELECTRIC POWER APPLICATIONS

**UT WOS:** 000703951900001

**JCR 期刊分区:**

IET ELECTRIC POWER APPLICATIONS

impact factor

2.568 2.99

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 131/273 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.568

**研究领域:** Engineering

**9.** **AU:** Shi, KL ; Jiang, W ; Qin, WF ; Meng, J ; Zhang, FG

**TI:** Magnetic and thermodynamic characteristics of edge-modified graphyne

**SO:** PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

**UT WOS:** 000695166600005

**JCR 期刊分区:**

PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

impact factor

3.382 3.053

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| NANOSCIENCE & NANOTECHNOLOGY | 63/106 | Q3 |
| PHYSICS, CONDENSED MATTER | 28/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.382

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

**10.** **AU:** Wei, MF ; Lin, S ; Zhao, Y ; Wang, H ; Liu, Q

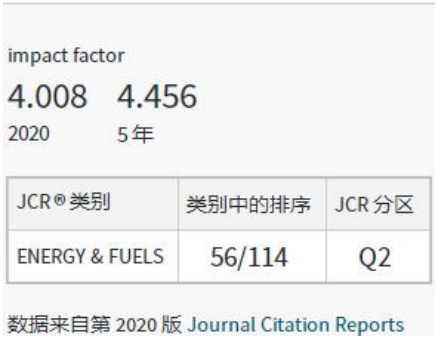
**TI:** An Adaptive Sliding Mode Control Based on Disturbance Observer for LFC

**SO:** FRONTIERS IN ENERGY RESEARCH

**UT WOS:** 000703563500001

**JCR 期刊分区:**

FRONTIERS IN ENERGY RESEARCH




**2020 影响因子:** 4.008

**研究领域:** Energy & Fuels

**11. AU:** Luo, H ; Xu, ZY ; Zhang, Y ; Zhang, H ; Yu, QH ; Zhang, FG

**TI:** Rotor electrical conductivity and eddy current loss analysis of high-speed permanent magnet machine with a novel composite rotor

**SO:** IET ELECTRIC POWER APPLICATIONS

**UT WOS:** 000694998500001

**JCR 期刊分区:**

IET ELECTRIC POWER APPLICATIONS


**2020 影响因子:** 2.568

**研究领域:** Energy & Fuels

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

**TI:** Novel Load Disturbance Observer-based Global Complementary Sliding Mode Control for a Precision Motion Stage Driven by PMLSM

**SO:** INTERNATIONAL JOURNAL OF CONTROL AUTOMATION AND SYSTEMS

**UT WOS:** 000692086100023

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF CONTROL AUTOMATION AND SYSTEMS

impact factor

3.314 2.817

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| AUTOMATION & CONTROL SYSTEMS | 29/63 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.314

**研究领域:** Automation & Control Systems

**13. AU:** Liu, K ; Zhang, BY ; Feng, GH

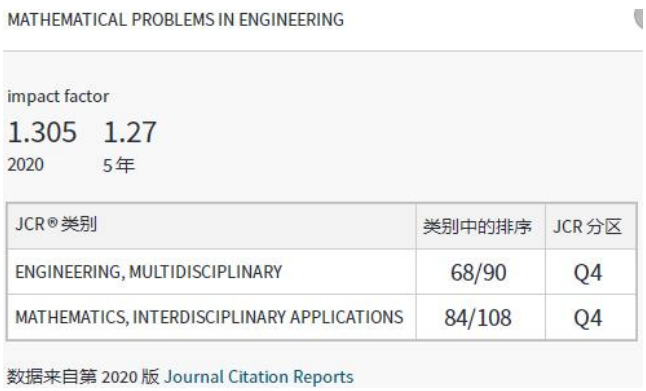
**TI:** Research on Internal and External Split Ratio of Double-Sided Rotor Permanent Magnet Motor Based on Copper Consumption Density and Current Density

**SO:** MATHEMATICAL PROBLEMS IN ENGINEERING

**UT WOS:** 000695545400003

**JCR 期刊分区:**

MATHEMATICAL PROBLEMS IN ENGINEERING



impact factor

1.305 1.27

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, MULTIDISCIPLINARY | 68/90 | Q4 |
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 84/108 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.305

**研究领域:** Engineering；Mathematics

**14. AU:** Guo, HY ; Zhang, XG

**TI:** Sampled observer-based adaptive decentralized control for strict-feedback interconnected nonlinear systems

**SO:** JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS

**UT WOS:** 000702010000011

**JCR 期刊分区:**

JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS

impact factor

4.504 4.339

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| AUTOMATION & CONTROL SYSTEMS | 18/63 | Q2 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 47/273 | Q1 |
| ENGINEERING, MULTIDISCIPLINARY | 15/90 | Q1 |
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 10/108 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.504

**研究领域:** Automation & Control Systems；Engineering；Mathematics

**15. AU:** Song, DQ ; Chen, Z ; Dong, LH ; Zhu, WC

**TI:** Investigation of the seismic response characteristics of a rock mass slope containing weak structural planes under seismic excitation based on multi-domain coupling analysis

**SO:** GEOMATICS NATURAL HAZARDS & RISK

**UT WOS:** 000698681700001

**JCR 期刊分区:**

GEOMATICS NATURAL HAZARDS & RISK

impact factor

3.528 4.008

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| GEOSCIENCES, MULTIDISCIPLINARY | 70/200 | Q2 |
| METEOROLOGY & ATMOSPHERIC SCIENCES | 39/94 | Q2 |
| WATER RESOURCES | 27/98 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.528

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

**16. AU:** Liu, YF ; Zhang, BY ; Zong, M ; Feng, GH ; Gan, BP

**TI:** Magnetic Field Prediction of Module-Combined Stator Permanent Magnet Synchronous Motor Based on a Nonlinear Hybrid Analytical Model

**SO:** IEEE ACCESS

**UT WOS:** 000694686700001

**JCR 期刊分区:**

IEEE ACCESS

impact factor

3.367 3.671

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| COMPUTER SCIENCE, INFORMATION SYSTEMS | 65/161 | Q2 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 94/273 | Q2 |
| TELECOMMUNICATIONS | 36/91 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.367

**研究领域:** Computer Science；Engineering；Telecommunications

**17. AU:** Zhang, DH ; Shi, KM ; Ren, ZY ; Jia, MF ; Koh, CS ; Zhang, YL

**TI:** Measurement of Stress and Temperature Dependent Vector Magnetic Properties of Electrical Steel Sheet

**SO:** IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS

**UT WOS:** 000704120200096

**JCR 期刊分区:**

IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS

impact factor

8.236 8.882

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| AUTOMATION & CONTROL SYSTEMS | 5/63 | Q1 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 18/273 | Q1 |
| INSTRUMENTS & INSTRUMENTATION | 2/64 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 8.236

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

**18. AU:** Ma, YM ; Wang, HX ; Hong, F ; Yang, JY ; Chen, Z ; Cui, HQ ; Feng, JW

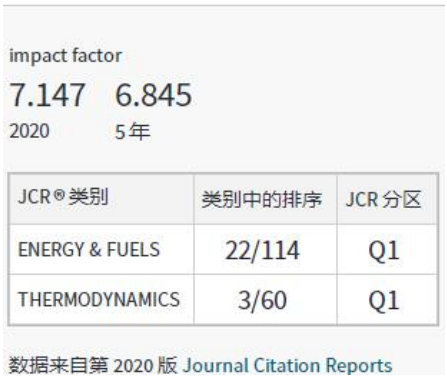
**TI:** Modeling and optimization of combined heat and power with power-to-gas and carbon capture system in integrated energy system

**SO:** ENERGY

**UT WOS:** 000709294500010

**JCR 期刊分区:**

ENERGY




**2020 影响因子:** 7.147

**研究领域:** Thermodynamics；Energy & Fuels

**19.** **AU:** Luo, H ; Xu, ZY ; Zhang, Y ; Zhang, H ; Yu, QH ; Zhang, FG

**TI:** Rotor electrical conductivity and eddy current loss analysis of high-speed permanent magnet machine with a novel composite rotor

**SO:** IET ELECTRIC POWER APPLICATIONS

**UT WOS:** 000694998500001

**JCR 期刊分区:**

IET ELECTRIC POWER APPLICATIONS


**2020 影响因子:** 2.568

**研究领域:** Engineering

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

**TI:** Novel Load Disturbance Observer-based Global Complementary Sliding Mode Control for a Precision Motion Stage Driven by PMLSM

**SO:** INTERNATIONAL JOURNAL OF CONTROL AUTOMATION AND SYSTEMS

**UT WOS:** 000692086100023

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF CONTROL AUTOMATION AND SYSTEMS

impact factor

3.314 2.817

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| AUTOMATION & CONTROL SYSTEMS | 29/63 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.314

**研究领域:** Automation & Control Systems

**21. AU:** Lv, D ; Liu, JC ; Zhang, F ; Zhang, DZ

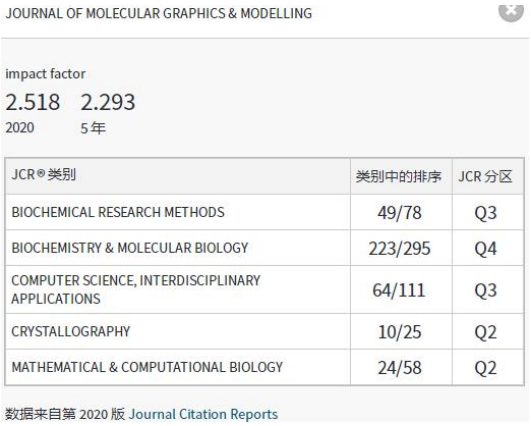
**TI:** Magnetic behaviors of an antiferromagnetic/ferromagnetic bilayer in a time-dependent magnetic field

**SO:** JOURNAL OF MOLECULAR GRAPHICS & MODELLING

**UT WOS:** 000696874900002

**JCR 期刊分区:**

JOURNAL OF MOLECULAR GRAPHICS & MODELLING



impact factor

2.518 2.293

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| BIOCHEMICAL RESEARCH METHODS | 49/78 | Q3 |
| BIOCHEMISTRY & MOLECULAR BIOLOGY | 223/295 | Q4 |
| COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS | 64/111 | Q3 |
| CRYSTALLOGRAPHY | 10/25 | Q2 |
| MATHEMATICAL & COMPUTATIONAL BIOLOGY | 24/58 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.518

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

**22. AU:** Zhang, JX ; Zhang, BY ; Feng, GH

**TI:** Research on rotor unbalance magnetic pull compensation method based on modular winding d-axis current injection

**SO:** IET ELECTRIC POWER APPLICATIONS

**UT WOS:** 000714882600001

**JCR 期刊分区:**

IET ELECTRIC POWER APPLICATIONS

impact factor

2.568 2.99

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 131/273 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.568

**研究领域:** Engineering

**23.** **AU:** Li, XJ ; Ma, R ; Yan, N ; Wang, SX ; Hui, D

**TI:** Research on Optimal Scheduling Method of Hybrid Energy Storage System Considering Health State of Echelon-Use Lithium-Ion Battery

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000711783600008

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering； Physics

**24.** **AU:** Li, XJ ; Wang, LJ ; Yan, N ; Ma, R

**TI:** Cooperative Dispatch of Distributed Energy Storage in Distribution Network With PV Generation Systems

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000711783600003

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

25. **AU:** Dong, T ; Fu, RJ ; Zhang, B ; Bai, YS

**TI:** PM Torque Motor With Armature Teeth Made by Oriented Silicon Steel Sheet

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000708681000003

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

26. **AU:** Yan, N ; Li, XJ ; Zhao, HC ; Zhong, Y ; Ma, SH

**TI:** Stratified Sorting Method of Battery Module Considering SOH in Echelon Utilization

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000698708000010

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

**27.** **AU:** Li, Y ; Yu, ZY ; Meng, H ; Wang, J ; Jing, YT

**TI:** Design and Optimization of Hybrid-Excited Claw-Pole Machine for Vehicle

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000698695700001

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

**28.** **AU:** Yan, N ; Zhao, HC ; Pan, X ; Ma, GC ; Ma, SH

**TI:** Study on the Cluster Selection Method of Echelon Utilization Power Battery Based on Confidence Interval Estimation

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000698709600002

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

**29.** **AU:** Li, Y ; Meng, TN ; Hou, BB ; Zhang, XJ ; Jing, YT

**TI:** Research on Measurement of Transformer Short-Circuit Force Using Piezoelectric Thin Film Polyvinylidene Fluoride Sensor

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000694007700002

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

**30.** **AU:** Sun, P ; Yun, T ; Chen, Z

**TI:** Multi-objective robust optimization of multi-energy microgrid with waste treatment

**SO:** RENEWABLE ENERGY

**UT WOS:** 000690880900006

**JCR 期刊分区:**

RENEWABLE ENERGY

impact factor

8.001 7.435

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENERGY & FUELS | 16/114 | Q1 |
| GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY | 7/44 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 8.001

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

**31.** **AU:** Ji, HC ; Wang, HX ; Yang, JY ; Feng, JW ; Yang, YY ; Okoye, MO

**TI:** Optimal schedule of solid electric thermal storage considering consumer behavior characteristics in combined electricity and heat networks

**SO:** ENERGY

**UT WOS:** 000691804300001

**JCR 期刊分区:**

ENERGY

impact factor

7.147 6.845

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENERGY & FUELS | 22/114 | Q1 |
| THERMODYNAMICS | 3/60 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 7.147

**研究领域:** Thermodynamics；Energy & Fuels

**32. AU:** Xu, YY ; Zhang, BY ; Feng, GH

**TI:** Research on efficiency optimal torque distribution of stator module combined permanent magnet synchronous machine

**SO:** IET ELECTRIC POWER APPLICATIONS

**UT WOS:** 000711453900001

**JCR 期刊分区:**

IET ELECTRIC POWER APPLICATIONS

impact factor

2.568 2.99

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 131/273 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.568

**研究领域:** Engineering

**33. AU:** Gan, BP ; Zhang, BY ; Liu, YF ; Feng, GH

**TI:** Radial Force and Vibration Analysis of Modular Fault-Tolerant Permanent Magnet Motor with Unequal Span Windings

**SO:** IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING

**UT WOS:** 000709190100001

**JCR 期刊分区:**

IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING

impact factor

0.752 0.732

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 252/273 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 0.752

**研究领域:** Engineering

**34. AU:** Zhang, JX ; Zhang, BY ; Li, DM ; Feng, GH

**TI:** Research on cogging torque weakening of direct-drive permanent magnet motor with inner enhance force

**SO:** IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING

**UT WOS:** 000709155400001

**JCR 期刊分区:**

IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING


**2020 影响因子:** 0.752

**研究领域:** Engineering

**35. AU:** Zhang, JX ; Zhang, BY; Feng, GH

**TI:** Electromagnetic-Thermal Bi-directional Coupling Analysis of IEF-DDPMM Under Different Operation Conditions and Cooling System Optimization Design

**SO:** IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING

**UT WOS:** 000709193200001

**JCR 期刊分区:**

IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING


**2020 影响因子:** 0.752

**研究领域:** Engineering

**36. AU:** Xu, YY ; Zhang, BY ; Feng, GH

**TI:** Electromagnetic design and thermal analysis of module combined permanent magnet motor with wrapped type for mine ball mill

**SO:** IET ELECTRIC POWER APPLICATIONS

**UT WOS:** 000703951900001

**JCR 期刊分区:**

IET ELECTRIC POWER APPLICATIONS

impact factor

2.568 2.99

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 131/273 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.568

**研究领域:** Engineering

**37.** **AU:** Shi, KL ; Jiang, W ; Qin, WF ; Meng, J ; Zhang, FG

**TI:** Magnetic and thermodynamic characteristics of edge-modified graphyne

**SO:** PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

**UT WOS:** 000695166600005

**JCR 期刊分区:**

PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

impact factor

3.382 3.053

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| NANOSCIENCE & NANOTECHNOLOGY | 63/106 | Q3 |
| PHYSICS, CONDENSED MATTER | 28/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.382

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

**38.** **AU:** Cui, D ; Ge, WC ; Zhao, WG ; Jiang, F ; Zhang, YS

**TI:** Economic Low-Carbon Clean Dispatching of Power System Containing P2G Considering the Comprehensive Influence of Multi-Price Factor (Aug, 10.1007/s42835-021-00877-4, 2021)

**SO:** JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

**UT WOS:** 000698317800002

**JCR 期刊分区:**

JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

impact factor

1.069 0.836

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 236/273 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.069

**研究领域:** Engineering

**39.** **AU:** Wei, MF ; Lin, S ; Zhao, Y ; Wang, H ; Liu, Q

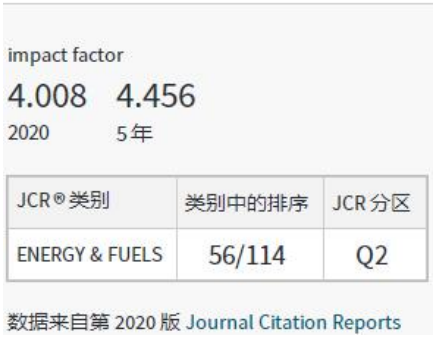
**TI:** An Adaptive Sliding Mode Control Based on Disturbance Observer for LFC

**SO:** FRONTIERS IN ENERGY RESEARCH

**UT WOS:** 000703563500001

**JCR 期刊分区:**

FRONTIERS IN ENERGY RESEARCH



impact factor

4.008 4.456

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENERGY & FUELS | 56/114 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.008

**研究领域:** Energy & Fuels

**40.** **AU:** Liu, K ; Zhang, BY ; Feng, GH

**TI:** Research on Internal and External Split Ratio of Double-Sided Rotor Permanent Magnet Motor Based on Copper Consumption Density and Current Density

**SO:** MATHEMATICAL PROBLEMS IN ENGINEERING

**UT WOS:** 000695545400003

**JCR 期刊分区:**

MATHEMATICAL PROBLEMS IN ENGINEERING

impact factor

1.305 1.27

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, MULTIDISCIPLINARY | 68/90 | Q4 |
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 84/108 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.305

**研究领域:** Engineering；Mathematics

**41．AU:** Guo, HY ; Zhang, XG

**TI:** Sampled observer-based adaptive decentralized control for strict-feedback interconnected nonlinear systems

**SO:** JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS

**UT WOS:** 000702010000011

**JCR 期刊分区:**

JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS

impact factor

4.504 4.339

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| AUTOMATION & CONTROL SYSTEMS | 18/63 | Q2 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 47/273 | Q1 |
| ENGINEERING, MULTIDISCIPLINARY | 15/90 | Q1 |
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 10/108 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.504

**研究领域:** Automation & Control Systems ;Engineering;Mathematics

**42．AU:** Dong, J ; Wang, HX ; Yang, JY ; Lu, XY ; Gao, L ; Zhou, XR

**TI:** Optimal Scheduling Framework of Electricity-Gas-Heat Integrated Energy System Based on Asynchronous Advantage Actor-Critic Algorithm

**SO:** IEEE ACCESS

**UT WOS:** 000709061800001

**JCR 期刊分区:**

IEEE ACCESS

impact factor

3.367 3.671

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| COMPUTER SCIENCE, INFORMATION SYSTEMS | 65/161 | Q2 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 94/273 | Q2 |
| TELECOMMUNICATIONS | 36/91 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.367

**研究领域:** Computer Science;Engineering;Telecommunications

**43．AU:** Liu, YF ; Zhang, BY ; Zong, M ; Feng, GH ; Gan, BP

**TI:** Magnetic Field Prediction of Module-Combined Stator Permanent Magnet Synchronous Motor Based on a Nonlinear Hybrid Analytical Model

**SO:** IEEE ACCESS

**UT WOS:** 000694686700001

**JCR 期刊分区:**

IEEE ACCESS

impact factor

3.367 3.671

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| COMPUTER SCIENCE, INFORMATION SYSTEMS | 65/161 | Q2 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 94/273 | Q2 |
| TELECOMMUNICATIONS | 36/91 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.367

**研究领域:** Computer Science;Engineering;Telecommunications

**44. AU:** Song, DQ ; Chen, Z ; Dong, LH ; Zhu, WC

**TI:** Investigation of the seismic response characteristics of a rock mass slope containing weak structural planes under seismic excitation based on multi-domain coupling analysis

**SO:** GEOMATICS NATURAL HAZARDS & RISK

**UT WOS:** 000698681700001

**JCR 期刊分区:**

GEOMATICS NATURAL HAZARDS & RISK

impact factor

3.528 4.008

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| GEOSCIENCES, MULTIDISCIPLINARY | 70/200 | Q2 |
| METEOROLOGY & ATMOSPHERIC SCIENCES | 39/94 | Q2 |
| WATER RESOURCES | 27/98 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.528

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

**（四）信息科学与工程学院（8 篇）**

1. **AU:** Hou, CM ; Li, LX ; Lv, RH ; Tian, Z ; Chen, XY
   **TI:** Mixing Performance of Micromixers with Fractal Obstacles Based on Murray's Law
   **SO:** CHEMICAL ENGINEERING & TECHNOLOGY
   **UT WOS:** 000704258600001
   **JCR 期刊分区:**

CHEMICAL ENGINEERING & TECHNOLOGY

impact factor

| 1.728 | 1.709 |
|---|---|
| 2020 | 5年 |

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, CHEMICAL | 98/143 | Q3 |

数据来自第 2020 版 Journal Citation Reports

   **2020 影响因子:** 1.728
   **研究领域:** Engineering
2. **AU:** Tian, ZD
   **TI:** Approach for Short-Term Traffic Flow Prediction Based on Empirical Mode Decomposition and Combination Model Fusion
   **SO:** IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS
   **UT WOS:** 000692209100013
   **JCR 期刊分区:**

IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS

impact factor

| 6.492 | 7.253 |
|---|---|
| 2020 | 5年 |

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, CIVIL | 5/137 | Q1 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 28/273 | Q1 |
| TRANSPORTATION SCIENCE & TECHNOLOGY | 6/37 | Q1 |

数据来自第 2020 版 Journal Citation Reports

   **2020 影响因子:** 6.492
   **研究领域:** Engineering；Transportation
3. **AU:** Du, D ; Wang, GQ ; Mao, LW
   **TI:** Analysis of acoustic field characteristics to detect internal pipeline corrosion based on ultrasonic full-focus
   **SO:** MEASUREMENT SCIENCE AND TECHNOLOGY
   **UT WOS:** 000711185000001
   **JCR 期刊分区:**

MEASUREMENT SCIENCE AND TECHNOLOGY

impact factor

2.046 2.11

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, MULTIDISCIPLINARY | 49/90 | Q3 |
| INSTRUMENTS & INSTRUMENTATION | 34/64 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.046

**研究领域:** Engineering；Instruments & Instrumentation

**4.** **AU:** Sun, P ; Wang, SY ; Shan, R

**TI:** Finite-time tracking control with velocity constraints for the stochastic rehabilitative training walker systems considering different rehabilitee masses

**SO:** NONLINEAR DYNAMICS

**UT WOS:** 000717898600002

**JCR 期刊分区:**

NONLINEAR DYNAMICS

impact factor

5.022 4.799

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, MECHANICAL | 16/133 | Q1 |
| MECHANICS | 16/135 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 5.022

**研究领域:** Engineering；Mechanics

**5.** **AU:** Hou, CM ; Li, LX ; Lv, RH ; Tian, Z ; Chen, XY

**TI:** Mixing Performance of Micromixers with Fractal Obstacles Based on Murray's Law

**SO:** CHEMICAL ENGINEERING & TECHNOLOGY

**UT WOS:** 000704258600001

**JCR 期刊分区:**

CHEMICAL ENGINEERING & TECHNOLOGY

impact factor

1.728 1.709

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, CHEMICAL | 98/143 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.728

**研究领域:** Engineering

6. **AU:** Tian, ZD

**TI:** Approach for Short-Term Traffic Flow Prediction Based on Empirical Mode Decomposition and Combination Model Fusion

**SO:** IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS

**UT WOS:** 000692209100013

**JCR 期刊分区:**

IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS

impact factor

6.492 7.253

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, CIVIL | 5/137 | Q1 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 28/273 | Q1 |
| TRANSPORTATION SCIENCE & TECHNOLOGY | 6/37 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 6.492

**研究领域:** Engineering； Transportation

7. **AU:** Wang, GQ ; Mao, LW ; Du, D

**TI:** Weak Magnetic Signal Characteristics for Critical Damage of Oil and Gas Pipelines Based on Electron Spinning

**SO:** IEEE ACCESS

**UT WOS:** 000706817700001

**JCR 期刊分区:**

IEEE ACCESS

impact factor

3.367 3.671

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| COMPUTER SCIENCE, INFORMATION SYSTEMS | 65/161 | Q2 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 94/273 | Q2 |
| TELECOMMUNICATIONS | 36/91 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.367

**研究领域:** Computer Science;Engineering;Telecommunications

8. **AU:** Liu, B ; Zhang, H ; Zhang, BP ; Lian, Z ; Yang, LJ ; Liu, T

**TI:** Investigating the Characteristic of Weak Magnetic Stress Internal Detection Signals of Long-Distance Oil and Gas Pipeline Under Demagnetization Effect

**SO:** IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT

**UT WOS:** 000706956800006

**JCR 期刊分区:**

IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT

**impact factor**

| 4.016 | 3.953 |
|---|---|
| *2020* | *5 年* |

| *JCR ® 类别* | *类别中的排序* | *JCR 分区* |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 60/273 | Q1 |
| INSTRUMENTS & INSTRUMENTATION | 11/64 | Q1 |

*数据来自第 2020 版 Journal Citation Reports*

**2020 影响因子:** 4.016

**研究领域:** Engineering；Instruments & Instrumentation

## （五）管理学院（7 篇）

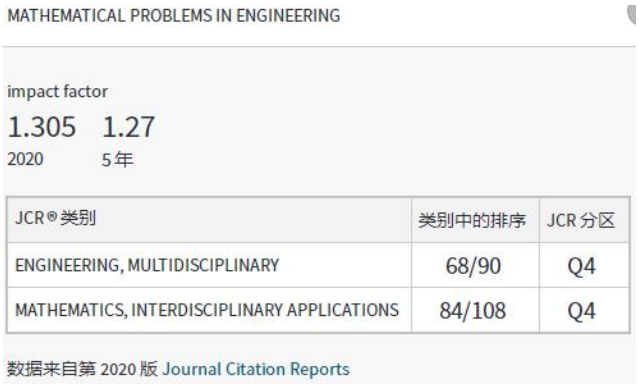
1. **AU:** Guo, YQ ; Zou, H ; Liu, Z

**TI:** Behavioral Analysis of Subjects for Green Technology Innovation: A Tripartite Evolutionary Game Model

**SO:** MATHEMATICAL PROBLEMS IN ENGINEERING

**UT WOS:** 000703342600003

**JCR 期刊分区:**


MATHEMATICAL PROBLEMS IN ENGINEERING

impact factor

1.305 1.27

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, MULTIDISCIPLINARY | 68/90 | Q4 |
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 84/108 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.305

**研究领域:** Engineering； Mathematics

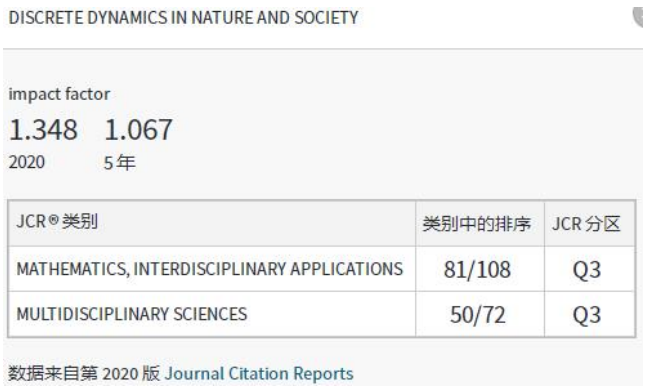
2. **AU:** Zhao, G ; Wang, JF ; Shi, HB

**TI:** Research on Multiattribute Comprehensive Evaluation of Intelligent Judicial Decision System

**SO:** DISCRETE DYNAMICS IN NATURE AND SOCIETY

**UT WOS:** 000695300000002

**JCR 期刊分区:**


DISCRETE DYNAMICS IN NATURE AND SOCIETY

impact factor

1.348 1.067

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 81/108 | Q3 |
| MULTIDISCIPLINARY SCIENCES | 50/72 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.348

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

3. **AU:** Song, Y ; Liu, YQ ; Sun, Q ; Xu, HT ; Chen, MF

**TI:** Uncertain Optimization of Discrete Supply Networks with Order Delivery Disruption and Risk Preference in the Postepidemic Era

**SO:** DISCRETE DYNAMICS IN NATURE AND SOCIETY

**UT WOS:** 000715830400002

**JCR 期刊分区:**

DISCRETE DYNAMICS IN NATURE AND SOCIETY

impact factor

1.348 1.067

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 81/108 | Q3 |
| MULTIDISCIPLINARY SCIENCES | 50/72 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.348

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

**4.** **AU:** Guo, YQ ; Zou, H ; Liu, Z

**TI:** Behavioral Analysis of Subjects for Green Technology Innovation: A Tripartite Evolutionary Game Model

**SO:** MATHEMATICAL PROBLEMS IN ENGINEERING

**UT WOS:** 000703342600003

**JCR 期刊分区:**

MATHEMATICAL PROBLEMS IN ENGINEERING

impact factor

1.305 1.27

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, MULTIDISCIPLINARY | 68/90 | Q4 |
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 84/108 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.305

**研究领域:** Engineering； Mathematics

**5.** **AU:** Sun, JZ ; Zhang, QS ; Yu, YY

**TI:** Decision-making for location of manufacturing bases in an uncertain demand situation

**SO:** JOURNAL OF INTELLIGENT & FUZZY SYSTEMS

**UT WOS:** 000716498300043

**JCR 期刊分区:**

JOURNAL OF INTELLIGENT & FUZZY SYSTEMS

impact factor

1.851 1.797

2019 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE | 80/137 | Q3 |

数据来自第 2019 版 Journal Citation Reports

**2020 影响因子:** 1.851

**研究领域:** Computer Science

6. **AU:** Li, CD ; Yu, YY ; Xu, W ; Sun, JZ

**TI:** A partner selection problem for complex product of manufacturing enterprises in supply chain

**SO:** JOURNAL OF INTELLIGENT & FUZZY SYSTEMS

**UT WOS:** 000716498300044

**JCR 期刊分区:**

JOURNAL OF INTELLIGENT & FUZZY SYSTEMS

impact factor

1.851 1.797

2019 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE | 80/137 | Q3 |

数据来自第 2019 版 Journal Citation Reports

**2020 影响因子:** 1.851

**研究领域:** Computer Science

7. **AU:** Zou, H ; Qin, H ; He, DY ; Sun, J

**TI:** Research on an Enterprise Green Innovation Ecosystem From the Vulnerability Perspective: Evolutionary Game and Simulation

**SO:** IEEE ACCESS

**UT WOS:** 000709062900001

**JCR 期刊分区:**

IEEE ACCESS

impact factor

3.367 3.671

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| COMPUTER SCIENCE, INFORMATION SYSTEMS | 65/161 | Q2 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 94/273 | Q2 |
| TELECOMMUNICATIONS | 36/91 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.367

**研究领域:** Computer Science;Engineering;Telecommunications

**（六）理学院（13 篇）**

**1.** **AU:** Li, Q ; Wang, W ; Sun, L] ; Li, BC ; Tian, M

**TI:** Magnetic and thermodynamic properties of a diluted fullerene-like structure X-20 with embedded atom

**SO:** PHYSICA B-CONDENSED MATTER

**UT WOS:** 000698683500007

**JCR 期刊分区:**

PHYSICA B-CONDENSED MATTER

impact factor

2.436 2.079

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| PHYSICS, CONDENSED MATTER | 39/69 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.436

**研究领域:** Physics

**2.** **AU:** Lv, D ; Liu, JC ; Zhang, F ; Zhang, DZ

**TI:** Magnetic behaviors of an antiferromagnetic/ferromagnetic bilayer in a time-dependent magnetic field

**SO:** JOURNAL OF MOLECULAR GRAPHICS & MODELLING

**UT WOS:** 000696874900002

**JCR 期刊分区:**

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

2.518 2.293

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| BIOCHEMICAL RESEARCH METHODS | 49/78 | Q3 |
| BIOCHEMISTRY & MOLECULAR BIOLOGY | 223/295 | Q4 |
| COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS | 64/111 | Q3 |
| CRYSTALLOGRAPHY | 10/25 | Q2 |
| MATHEMATICAL & COMPUTATIONAL BIOLOGY | 24/58 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.518

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

**3.** **AU:** Shi, GM ; Ji, L ; Zhang, Y ; Wang, XL ; Shi, FN ; Yu, D ; Bao, XK

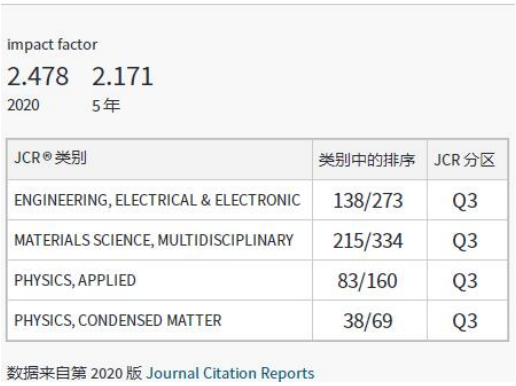
**TI:** Tunable microwave absorption properties of B-doped SiC nanopowders prepared by arc-discharge method

**SO:** JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

**UT WOS:** 000703832700004

**JCR 期刊分区:**

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS



impact factor

2.478 2.171

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 138/273 | Q3 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 215/334 | Q3 |
| PHYSICS, APPLIED | 83/160 | Q3 |
| PHYSICS, CONDENSED MATTER | 38/69 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.478

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

**4.** **AU:** Zhang, Y ; Nie, YY ; Chen, LH

**TI:** Adaptive Fuzzy Fault-Tolerant Control against Time-Varying Faults via a New Sliding Mode Observer Method

**SO:** SYMMETRY-BASEL

**UT WOS:** 000701149800001

**JCR 期刊分区:**

SYMMETRY-BASEL

impact factor

2.713 2.612

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MULTIDISCIPLINARY SCIENCES | 33/72 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.713

**研究领域:** Science & Technology - Other Topics

**5.** **AU:** Li, Q ; Wang, W ; Sun, L ; Li, BC ; Tian, M

**TI:** Magnetic and thermodynamic properties of a diluted fullerene-like structure X-20 with embedded atom

**SO:** PHYSICA B-CONDENSED MATTER

**UT WOS:** 000698683500007

**JCR 期刊分区:**

PHYSICA B-CONDENSED MATTER

impact factor

2.436 2.079

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| PHYSICS, CONDENSED MATTER | 39/69 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.436

**研究领域:** Physics

6. **AU:** Sun, L ; Lv, D ; Yang, Y ; Wang, W ; Gao, ZY ; Bao, J

**TI:** Insight into magnetic properties and magnetocaloric effect in a Janus particle

**SO:** POLYMER

**UT WOS:** 000718166400001

**JCR 期刊分区:**

POLYMER

impact factor

4.43 4.186

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| POLYMER SCIENCE | 16/90 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.43

**研究领域:** Polymer Science

7. **AU:** Zhu, N ; Guo, YX ; Zhang, XD ; Wang, F

**TI:** The elastic anisotropy, electronic and thermodynamic properties of TM5Si4(TM= Sc, Y, Ti, Zr and Hf) silicides from first-principles calculations

**SO:** VACUUM

**UT WOS:** 000701984500002

**JCR 期刊分区:**

VACUUM

impact factor

3.627 3.118

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 151/334 | Q2 |
| PHYSICS, APPLIED | 50/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.627

**研究领域:** Materials Science；Physics

**8.** **AU:** Yang, LM ; Ma, SR ; Mu, GW

**TI:** Improvements of microstructure and hardness of lead-free solders doped with Mo nanoparticles

**SO:** MATERIALS LETTERS

**UT WOS:** 000697457000002

**JCR 期刊分区:**

MATERIALS LETTERS

impact factor

3.423 3.003

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 163/334 | Q2 |
| PHYSICS, APPLIED | 52/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.423

**研究领域:** Materials Science；Physics

**9.** **AU:** Lv, D ; Liu, JC ; Zhang, F ; Zhang, DZ

**TI:** Magnetic behaviors of an antiferromagnetic/ferromagnetic bilayer in a time-dependent magnetic field

**SO:** JOURNAL OF MOLECULAR GRAPHICS & MODELLING

**UT WOS:** 000696874900002

**JCR 期刊分区:**

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

2.518 2.293

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| BIOCHEMICAL RESEARCH METHODS | 49/78 | Q3 |
| BIOCHEMISTRY & MOLECULAR BIOLOGY | 223/295 | Q4 |
| COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS | 64/111 | Q3 |
| CRYSTALLOGRAPHY | 10/25 | Q2 |
| MATHEMATICAL & COMPUTATIONAL BIOLOGY | 24/58 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.518

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

**10.** **AU:** Wang, HZ ; Li, ZJ ; Liu, Z ; Yan, Y ; Zhi, PY

**TI:** Effects of Ho nanopowders intergranular addition on microstructure and properties of sintered Nd-Fe-B

**SO:** JOURNAL OF NANOPARTICLE RESEARCH

**UT WOS:** 000711428400001

**JCR 期刊分区:**

JOURNAL OF NANOPARTICLE RESEARCH

impact factor

2.253 2.359

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 114/178 | Q3 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 229/334 | Q3 |
| NANOSCIENCE & NANOTECHNOLOGY | 85/106 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.253

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

**11. AU:** Peng, ZQ ; Li, Y ; Zhang, Q ; Xue, YM

**TI:** Extremal Solutions for Caputo Conformable Differential Equations with p-Laplacian Operator and Integral Boundary Condition

**SO:** COMPLEXITY

**UT WOS:** 000717587100004

**JCR 期刊分区:**

COMPLEXITY

impact factor

2.833 2.8

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 31/108 | Q2 |
| MULTIDISCIPLINARY SCIENCES | 30/72 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.833

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

**12. AU:** Shi, GM ; Ji, L ; Zhang, Y ; Wang, XL ; Shi, FN ; Yu, D ; Bao, XK

**TI:** Tunable microwave absorption properties of B-doped SiC nanopowders prepared by arc-discharge method

**SO:** JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

**UT WOS:** 000703832700004

**JCR 期刊分区:**

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

impact factor

2.478 2.171

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 138/273 | Q3 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 215/334 | Q3 |
| PHYSICS, APPLIED | 83/160 | Q3 |
| PHYSICS, CONDENSED MATTER | 38/69 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.478

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

**13. AU:** Zhang, Y ; Nie, YY ; Chen, LH

**TI:** Adaptive Fuzzy Fault-Tolerant Control against Time-Varying Faults via a New Sliding Mode Observer Method

**SO:** SYMMETRY-BASEL

**UT WOS:** 000701149800001

**JCR 期刊分区:**

SYMMETRY-BASEL

impact factor

2.713 2.612

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| MULTIDISCIPLINARY SCIENCES | 33/72 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.713

**研究领域:** Science & Technology - Other Topics

**（七）建筑与土木工程学院（10 篇）**

**1.** **AU:** Ma, K ; Liu, GY

**TI:** Three-Dimensional Discontinuous Deformation Analysis of Failure Mechanisms and Movement Characteristics of Slope Rockfalls

**SO:** ROCK MECHANICS AND ROCK ENGINEERING

**UT WOS:** 000702225900003

**JCR 期刊分区:**

ROCK MECHANICS AND ROCK ENGINEERING

impact factor

6.73 7.381

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, GEOLOGICAL | 3/41 | Q1 |
| GEOSCIENCES, MULTIDISCIPLINARY | 11/200 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 6.73

**研究领域:** Engineering； Geology

**2.** **AU:** Zhao, J ; Xu, XL ; Liu, ZH ; Bai, XD ; Yang, Y ; Li, XY ; Wang, Y ; Liu, WF ; Zhu, YM

**TI:** Improvement of stability and reduction of energy consumption for Ti-based MnOx electrode by Ce and carbon black co-incorporating in electrochemical degradation of ammonia nitrogen

**SO:** WATER SCIENCE AND TECHNOLOGY

**UT WOS:** 000701286700001

**JCR 期刊分区:**

WATER SCIENCE AND TECHNOLOGY

impact factor

1.915 2.054

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ENVIRONMENTAL | 46/54 | Q4 |
| ENVIRONMENTAL SCIENCES | 213/274 | Q4 |
| WATER RESOURCES | 71/98 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.915

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

**3.** **AU:** Gu, TY ; Wang, Y ; Liu, GL ; Zhang, GY

**TI:** Strain-induced changes of electronic and optical properties of O adsorbed ReS2 monolayer

**SO:** CHEMICAL PHYSICS LETTERS

**UT WOS:** 000705414800006

**JCR 期刊分区:**

CHEMICAL PHYSICS LETTERS

impact factor

2.328 1.999

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 115/162 | Q3 |
| PHYSICS, ATOMIC, MOLECULAR & CHEMICAL | 18/37 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.328

**研究领域:** Chemistry； Physics

**4.** **AU:** He, JL ; Liu, GL ; Wei, L

**TI:** Effect of O adsorption on the electronic structure and optical properties of black phosphorene

**SO:** MOLECULAR PHYSICS

**UT WOS:** 000715701100001

**JCR 期刊分区:**

MOLECULAR PHYSICS

impact factor

1.962 1.988

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 126/162 | Q4 |
| PHYSICS, ATOMIC, MOLECULAR & CHEMICAL | 24/37 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.962

**研究领域:** Chemistry； Physics

**5.** **AU:** Wei, L ; Liu, GL ; Wang, JX ; Mu, GY ; Zhang, GP

**TI:** Density functional theory study on influence of tensile deformation and electric field on electrical properties of Si atom adsorbed on black phosphorene

**SO:** ACTA PHYSICA SINICA

**UT WOS:** 000716870500017

**JCR 期刊分区:**

ACTA PHYSICA SINICA

impact factor

0.819 0.618

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| PHYSICS, MULTIDISCIPLINARY | 73/86 | Q4 |

数据来自第2020版 Journal Citation Reports

**2020影响因子:** 0.819

**研究领域:** Physics

6. **AU:** Gu, XW ; Li, XH ; Zhang, WF ; Gao, YX ; Kong, YN ; Liu, JP ; Zhang, XL

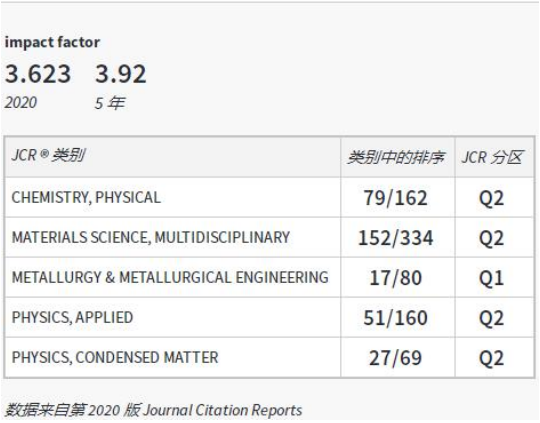
**TI:** Effects of HPMC on Workability and Mechanical Properties of Concrete Using Iron Tailings as Aggregates

**SO:** MATERIALS

**UT WOS:** 000719281800001

**JCR 期刊分区:**

MATERIALS



impact factor

3.623 3.92

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 79/162 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 152/334 | Q2 |
| METALLURGY & METALLURGICAL ENGINEERING | 17/80 | Q1 |
| PHYSICS, APPLIED | 51/160 | Q2 |
| PHYSICS, CONDENSED MATTER | 27/69 | Q2 |

数据来自第2020版 Journal Citation Reports

**2020影响因子:** 3.623

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

7. **AU:** Fu, XD ; Zhang, ZP ; Sheng, Q ; Zhou, YQ ; Huang, JH ; Wu, Z ; Liu, MY

**TI:** Applications of an Innovative Strength Parameter Estimation Method of the SoilRock Mixture in Evaluating the Deposit Slope Stability Under Rainfall

**SO:** FRONTIERS IN EARTH SCIENCE

**UT WOS:** 000715797100001

**JCR 期刊分区:**

FRONTIERS IN EARTH SCIENCE


**2020 影响因子:** 3.498

**研究领域:** Geology

**8.** **AU:** Ma, K ; Liu, GY

**TI:** Three-Dimensional Discontinuous Deformation Analysis of Failure Mechanisms and Movement Characteristics of Slope Rockfalls

**SO:** ROCK MECHANICS AND ROCK ENGINEERING

**UT WOS:** 000702225900003

**JCR 期刊分区:**

ROCK MECHANICS AND ROCK ENGINEERING


**2020 影响因子:** 6.73

**研究领域:** Engineering；Geology

**9.** **AU:** Zhao, J ; Xu, XL ; Liu, ZH ; Bai, XD ; Yang, Y ; Li, XY ; Wang, Y ; Liu, WF ; Zhu, YM

**TI:** Improvement of stability and reduction of energy consumption for Ti-based MnOx electrode by Ce and carbon black co-incorporating in electrochemical degradation of ammonia nitrogen

**SO:** WATER SCIENCE AND TECHNOLOGY

**UT WOS:** 000701286700001

**JCR 期刊分区:**

WATER SCIENCE AND TECHNOLOGY

impact factor

1.915 2.054

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ENVIRONMENTAL | 46/54 | Q4 |
| ENVIRONMENTAL SCIENCES | 213/274 | Q4 |
| WATER RESOURCES | 71/98 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.915

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

**10. AU:** Ma, K ; Liu, GY ; Xu, NW ; Zhang, ZH ; Feng, B

**TI:** Motion characteristics of rockfall by combining field experiments and 3D discontinuous deformation analysis

**SO:** INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES

**UT WOS:** 000704384400002

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES

impact factor

7.135 7.042

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, GEOLOGICAL | 1/41 | Q1 |
| MINING & MINERAL PROCESSING | 1/21 | Q1 |

数据来自第 2020 版 Journal Citation Reports

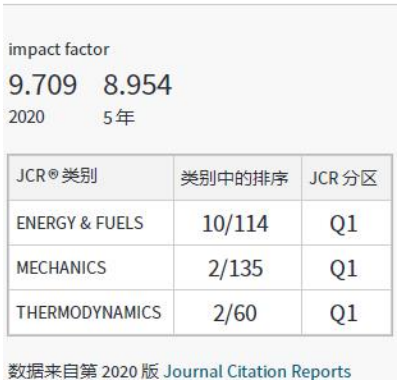
**2020 影响因子:** 7.135

**研究领域:** Engineering;Mining & Mineral Processing

（八）人工智能学院（12 篇）

1. **AU:** Tian, ZD ; Chen, H
   **TI:** A novel decomposition-ensemble prediction model for ultra-short-term wind speed
   **SO:** ENERGY CONVERSION AND MANAGEMENT
   **UT WOS:** 000703666200004
   **JCR 期刊分区:**

ENERGY CONVERSION AND MANAGEMENT



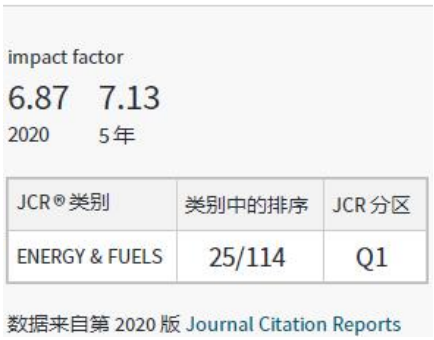
impact factor
9.709 8.954
2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENERGY & FUELS | 10/114 | Q1 |
| MECHANICS | 2/135 | Q1 |
| THERMODYNAMICS | 2/60 | Q1 |

数据来自第 2020 版 Journal Citation Reports

   **2020 影响因子:** 9.709
   **研究领域:** Thermodynamics；Energy & Fuels；Mechanics
2. **AU:** Tian, ZD ; Li, H ; Li, FH
   **TI:** A combination forecasting model of wind speed based on decomposition
   **SO:** ENERGY REPORTS
   **UT WOS:** 000701691800014
   **JCR 期刊分区:**

ENERGY REPORTS



impact factor
6.87 7.13
2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENERGY & FUELS | 25/114 | Q1 |

数据来自第 2020 版 Journal Citation Reports

   **2020 影响因子:** 6.87
   **研究领域:** Energy & Fuels
3. **AU:** Zou, F ; Yen, GG ; Zhao, C
   **TI:** Dynamic multiobjective optimization driven by inverse reinforcement learning
   **SO:** INFORMATION SCIENCES
   **UT WOS:** 000696947900005
   **JCR 期刊分区:**

INFORMATION SCIENCES


**2020 影响因子:** 6.795

**研究领域:** Computer Science

4. **AU:** Tian, ZD

**TI:** Approach for short-term wind power prediction via kernel principal component analysis and echo state network optimized by improved particle swarm optimization algorithm

**SO:** TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL

**UT WOS:** 000697533000001

**JCR 期刊分区:**

TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL


**2020 影响因子:** 1.796

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

5. **AU:** Lian, L ; Tian, ZD

**TI:** Network traffic prediction model based on ensemble empirical mode decomposition and multiple models

**SO:** INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS

**UT WOS:** 000691886300001

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS

impact factor

2.047 1.641

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 164/273 | Q3 |
| TELECOMMUNICATIONS | 63/91 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.047

**研究领域:** Engineering； Telecommunications

6. **AU:** Zhao, YJ ; Wang, YH ; Tan, YY ; Zhang, J ; Yu, HX

**TI:** Dynamic Jobshop Scheduling Algorithm Based on Deep Q Network

**SO:** IEEE ACCESS

**UT WOS:** 000696069000001

**JCR 期刊分区:**

IEEE ACCESS

impact factor

3.367 3.671

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| COMPUTER SCIENCE, INFORMATION SYSTEMS | 65/161 | Q2 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 94/273 | Q2 |
| TELECOMMUNICATIONS | 36/91 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.367

**研究领域:** Computer Science； Engineering； Telecommunications

7. **AU:** Zhang, ZH ; Hao, LY ; Guo, MJ

**TI:** Fault detection for uncertain nonlinear systems via recursive observer and tight threshold

**SO:** APPLIED MATHEMATICS AND COMPUTATION

**UT WOS:** 000702399100008

**JCR 期刊分区:**

APPLIED MATHEMATICS AND COMPUTATION

impact factor

4.091 3.469

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATHEMATICS, APPLIED | 7/265 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.091

**研究领域:** Mathematics

**8.** **AU:** Tian, ZD

**TI:** Approach for short-term wind power prediction via kernel principal component analysis and echo state network optimized by improved particle swarm optimization algorithm

**SO:** TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL

**UT WOS:** 000697533000001

**JCR 期刊分区:**

TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL

impact factor

1.796 1.816

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| AUTOMATION & CONTROL SYSTEMS | 40/63 | Q3 |
| INSTRUMENTS & INSTRUMENTATION | 40/64 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.796

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

**9.** **AU:** Tian, ZD ; Chen, H

**TI:** A novel decomposition-ensemble prediction model for ultra-short-term wind speed

**SO:** ENERGY CONVERSION AND MANAGEMENT

**UT WOS:** 000703666200004

**JCR 期刊分区:**

ENERGY CONVERSION AND MANAGEMENT

impact factor

9.709 8.954

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENERGY & FUELS | 10/114 | Q1 |
| MECHANICS | 2/135 | Q1 |
| THERMODYNAMICS | 2/60 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 9.709

**研究领域:** Thermodynamics；Energy & Fuels；Mechanics

**10.** **AU:** Tian, ZD ; Li, H ; Li, FH

**TI:** A combination forecasting model of wind speed based on decomposition

**SO:** ENERGY REPORTS

**UT WOS:** 000701691800014

**JCR 期刊分区:**

ENERGY REPORTS

impact factor

6.87 7.13

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENERGY & FUELS | 25/114 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 6.87

**研究领域:** Energy & Fuels

11. **AU:** Zou, F ; Yen, GG ; Zhao, C

**TI:** Dynamic multiobjective optimization driven by inverse reinforcement learning

**SO:** INFORMATION SCIENCES

**UT WOS:** 000696947900005

**JCR 期刊分区:**

INFORMATION SCIENCES

**impact factor**

6.795 6.524

*2020* *5 年*

| *JCR® 类别* | *类别中的排序* | *JCR 分区* |
|---|---|---|
| COMPUTER SCIENCE, INFORMATION SYSTEMS | 18/161 | Q1 |

*数据来自第 2020 版 Journal Citation Reports*

**2020 影响因子:** 6.795

**研究领域:** Computer Science

12. **AU:** Zhao, YJ ; Wang, YH ; Tan, YY ; Zhang, J ; Yu, HX

**TI:** Dynamic Jobshop Scheduling Algorithm Based on Deep Q Network

**SO:** IEEE ACCESS

**UT WOS:** 000696069000001

**JCR 期刊分区:**

IEEE ACCESS

impact factor

3.367 3.671

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| COMPUTER SCIENCE, INFORMATION SYSTEMS | 65/161 | Q2 |
| ENGINEERING, ELECTRICAL & ELECTRONIC | 94/273 | Q2 |
| TELECOMMUNICATIONS | 36/91 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.367

**研究领域:** Computer Science;Engineering;Telecommunications

## （九）环境化学与工程学院（19 篇）

1. **AU:** Lv, D ; Liu, JC ; Zhang, F ; Zhang, DZ

**TI:** Magnetic behaviors of an antiferromagnetic/ferromagnetic bilayer in a time-dependent magnetic field

**SO:** JOURNAL OF MOLECULAR GRAPHICS & MODELLING

**UT WOS:** 000696874900002

**JCR 期刊分区:**

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

2.518 2.293

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| BIOCHEMICAL RESEARCH METHODS | 49/78 | Q3 |
| BIOCHEMISTRY & MOLECULAR BIOLOGY | 223/295 | Q4 |
| COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS | 64/111 | Q3 |
| CRYSTALLOGRAPHY | 10/25 | Q2 |
| MATHEMATICAL & COMPUTATIONAL BIOLOGY | 24/58 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.518

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

2. **AU:** Shi, KL ; Jiang, W ; Qin, WF ; Meng, J ; Zhang, FG

**TI:** Magnetic and thermodynamic characteristics of edge-modified graphyne

**SO:** PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

**UT WOS:** 000695166600005

**JCR 期刊分区:**

PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

impact factor

3.382 3.053

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| NANOSCIENCE & NANOTECHNOLOGY | 63/106 | Q3 |
| PHYSICS, CONDENSED MATTER | 28/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.382

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

3. **AU:** Kang, Y ; Shi, HW ; Zhang, YH ; Shi, FN

**TI:** High-performance ZnCo2O4 microsheets as an anode for lithium-ion batteries

**SO:** CHEMICAL COMMUNICATIONS

**UT WOS:** 000700904600001

**JCR 期刊分区:**

CHEMICAL COMMUNICATIONS

impact factor

6.222 6.008

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 44/178 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 6.222

**研究领域:** Chemistry

4. **AU:** Ouyang, YY ; Otitoju, TA ; Jiang, DF ; Li, SX ; Shoparwe, NF ; Wang, S ; Zhang, AL

**TI:** Synthesis of PVDF-B4C mixed matrix membrane for ultrafiltration of protein and photocatalytic dye removal

**SO:** JOURNAL OF APPLIED POLYMER SCIENCE

**UT WOS:** 000695646500001

**JCR 期刊分区:**

JOURNAL OF APPLIED POLYMER SCIENCE

impact factor

3.125 2.754

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| POLYMER SCIENCE | 35/90 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.125

**研究领域:** Polymer Science

5. **AU:** Wang, X ; Hou, JW ; Liu, WR ; Bao, J

**TI:** Plant-microbial remediation of chlorpyrifos contaminated soil

**SO:** JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B-PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTES

**UT WOS:** 000698921300001

**JCR 期刊分区:**

JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B-PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTES


**2020 影响因子:** 1.99

**研究领域:** Environmental Sciences & Ecology；Public, Environmental & Occupational Health

**6.** **AU:** Jiang, DF ; Otitoju, TA ; Ouyang, YY ; Shoparwe, NF ; Wang, S ; Zhang, AL ; Li, SX

**TI:** A Review on Metal Ions Modified TiO2 for Photocatalytic Degradation of Organic Pollutants

**SO:** CATALYSTS

**UT WOS:** 000699171600001

**JCR 期刊分区:**

CATALYSTS


**2020 影响因子:** 4.146

**研究领域:** Chemistry

**7.** **AU:** Soo, JAL ; Makhtar, MMZ ; Shoparwe, NF ; Otitoju, TA ; Mohamad, M ; Tan, LS ; Li, SX

**TI:** Characterization and Kinetic Studies of Poly(vinylidene fluoride-co-hexafluoropropylene) Polymer Inclusion Membrane for the Malachite Green Extraction

**SO:** MEMBRANES

**UT WOS:** 000699488800001

**JCR 期刊分区:**

MEMBRANES

impact factor

4.106 4.509

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 69/162 | Q2 |
| ENGINEERING, CHEMICAL | 45/143 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 125/334 | Q2 |
| POLYMER SCIENCE | 21/90 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.106

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

**8.** **AU:** Liu, SH ; Han, JL ; Ding, YC ; Gao, XX ; Cheng, HY ; Wang, HC ; Liu, CS ; Wang, AJ

**TI:** Advanced reduction process to achieve efficient degradation of pyridine

**SO:** CHEMOSPHERE

**UT WOS:** 000704948400002

**JCR 期刊分区:**

CHEMOSPHERE

impact factor

7.086 6.956

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENVIRONMENTAL SCIENCES | 30/274 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 7.086

**研究领域:** Environmental Sciences & Ecology

**9.** **AU:** Xing, JJ ; Sun, PP ; Zhang, YH ; Zhao, XY ; Shi, FN

**TI:** Three Co (III) Complexes Based on Double Ligands: Crystal Structures and Their Derivatives Applied as Supercapacitor Electrode Materials

**SO:** JOURNAL OF MOLECULAR STRUCTURE

**UT WOS:** 000704354500003

**JCR 期刊分区:**

JOURNAL OF MOLECULAR STRUCTURE


**2020 影响因子:** 3.196

**研究领域:** Chemistry

10. **AU:** Sun, L ; Lv, D ; Yang, Y ; Wang, W ; Gao, ZY ; Bao, J

**TI:** Insight into magnetic properties and magnetocaloric effect in a Janus particle

**SO:** POLYMER

**UT WOS:** 000698683500007

**JCR 期刊分区:**

POLYMER


**2020 影响因子:** 4.43

**研究领域:** Polymer Science

11. **AU:** Ouyang, YY ; Otitoju, TA ; Jiang, DF ; Li, SX ; Shoparwe, NF ; Wang, S ; Zhang, AL

**TI:** Synthesis of PVDF-B4C mixed matrix membrane for ultrafiltration of protein and photocatalytic dye removal

**SO:** JOURNAL OF APPLIED POLYMER SCIENCE

**UT WOS:** 000695646500001

**JCR 期刊分区:**

JOURNAL OF APPLIED POLYMER SCIENCE

**2020 影响因子:** 3.125

**研究领域:** Polymer Science

**12. AU:** Wang, X ; Hou, JW ; Liu, WR ; Bao, J

**TI:** Plant-microbial remediation of chlorpyrifos contaminated soil

**SO:** JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B-PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTES

**UT WOS:** 000698921300001

**JCR 期刊分区:**

JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B-PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTES

impact factor

1.99 2.118

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENVIRONMENTAL SCIENCES | 207/274 | Q4 |
| PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH 在 SCIE 版中 | 143/203 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.99

**研究领域:** Environmental Sciences & Ecology；Public, Environmental & Occupational Health

**13. AU:** Lv, D ; Liu, JC ; Zhang, F ; Zhang, DZ

**TI:** Magnetic behaviors of an antiferromagnetic/ferromagnetic bilayer in a time-dependent magnetic field

**SO:** JOURNAL OF MOLECULAR GRAPHICS & MODELLING

**UT WOS:** 000696874900002

**JCR 期刊分区:**

JOURNAL OF MOLECULAR GRAPHICS & MODELLING

impact factor

2.518 2.293

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| BIOCHEMICAL RESEARCH METHODS | 49/78 | Q3 |
| BIOCHEMISTRY & MOLECULAR BIOLOGY | 223/295 | Q4 |
| COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS | 64/111 | Q3 |
| CRYSTALLOGRAPHY | 10/25 | Q2 |
| MATHEMATICAL & COMPUTATIONAL BIOLOGY | 24/58 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.518

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

**14. AU:** Tang, HB ; Zhao, Q ; Li, YP ; Liu, XJ

**TI:** Phthalate debranched Canna edulis Ker starch with high degree of substitution: preparation, characterization and property

**SO:** POLYMER BULLETIN

**UT WOS:** 000715670000001

**JCR 期刊分区:**

POLYMER BULLETIN


**2020 影响因子:** 2.87

**研究领域:** Polymer Science

**15.** **AU:** Liu, RJ ; Xia, W ; Otitoju, TA ; Wu, WD ; Wang, S ; Li, SX ; Zhang, AL ; Chen, XC ; Tang, T ; Liu, J

**TI:** Effect of oleic acid on improving flame retardancy of brucite in low-density polyethylene composite

**SO:** JOURNAL OF APPLIED POLYMER SCIENCE

**UT WOS:** 000714590100001

**JCR 期刊分区:**

JOURNAL OF APPLIED POLYMER SCIENCE


**2020 影响因子:** 3.125

**研究领域:** Polymer Science

**16.** **AU:** Shi, KL ; Jiang, W ; Qin, WF ; Meng, J ; Zhang, FG

**TI:** Magnetic and thermodynamic characteristics of edge-modified graphyne

**SO:** PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

**UT WOS:** 000695166600005

**JCR 期刊分区:**

PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES

impact factor

3.382 3.053

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| NANOSCIENCE & NANOTECHNOLOGY | 63/106 | Q3 |
| PHYSICS, CONDENSED MATTER | 28/69 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.382

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

17. **AU:** Kang, Y ; Shi, HW ; Zhang, YH ; Shi, FN

**TI:** High-performance ZnCo2O4 microsheets as an anode for lithium-ion batteries

**SO:** CHEMICAL COMMUNICATIONS

**UT WOS:** 000700904600001

**JCR 期刊分区:**

CHEMICAL COMMUNICATIONS

impact factor

6.222 6.008

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 44/178 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 6.222

**研究领域:** Chemistry

18. **AU:** Jiang, DF ; Otitoju, TA ; Ouyang, YY ; Shoparwe, NF ; Wang, S ; Zhang, AL ; Li, SX

**TI:** A Review on Metal Ions Modified TiO2 for Photocatalytic Degradation of Organic Pollutants

**SO:** CATALYSTS

**UT WOS:** 000699171600001

**JCR 期刊分区:**

CATALYSTS

impact factor

4.146 4.399

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 67/162 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.146

**研究领域:** Chemistry

**19. AU:** Lian, L ; Tian, ZD

**TI:** Network traffic prediction model based on ensemble empirical mode decomposition and multiple models

**SO:** INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS

**UT WOS:** 000691886300001

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS

impact factor

2.047 1.641

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 164/273 | Q3 |
| TELECOMMUNICATIONS | 63/91 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.047

**研究领域:** Engineering； Telecommunications

## （十）石油化工学院（16 篇）

**1. AU:** Zhao, XD ; Xu, TJ ; Lu, JJ ; Liu, HT

**TI:** Study of potential of Fe-Si-76 as catalyst for CO2 reduction to CH3OH

**SO:** JOURNAL OF MOLECULAR LIQUIDS

**UT WOS:** 000700330200041

**JCR 期刊分区:**

JOURNAL OF MOLECULAR LIQUIDS

impact factor

6.165 5.642

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 43/162 | Q2 |
| PHYSICS, ATOMIC, MOLECULAR & CHEMICAL | 4/37 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 6.165

**研究领域:** Chemistry； Physics

2. **AU:** Zhang, B ; Zhang, SX ; Wu, YH ; Hong, XQ ; Liang, YJ ; Wang, TH ; Qiu, JS

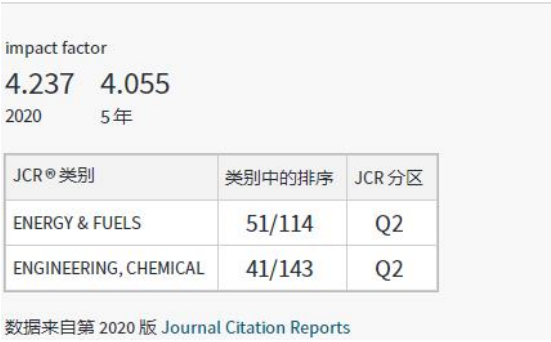
**TI:** Enhanced separation performance of microfiltration carbon membranes for oily wastewater treatment by an air oxidation strategy

**SO:** CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION

**UT WOS:** 000697061000003

**JCR 期刊分区:**

CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION



impact factor

4.237 4.055

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENERGY & FUELS | 51/114 | Q2 |
| ENGINEERING, CHEMICAL | 41/143 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.237

**研究领域:** Energy & Fuels；Engineering

3. **AU:** Cang, M ; Cui, W ; Zhou, HY ; Wang, RZ ; Sun, MZ ; Ying, SA ; Sun, QK ; Pan, YY ; Xue, SF ; Yang, WJ

**TI:** Nondoped, deep-blue, organic light-emitting diodes with low-efficiency roll-off based on a simple anthracene-triazole hybrid fluorescent molecule

**SO:** DYES AND PIGMENTS

**UT WOS:** 000693358800005

**JCR 期刊分区:**

DYES AND PIGMENTS

impact factor

4.889 4.016

2020 5年

| JCR®类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, APPLIED | 16/74 | Q1 |
| ENGINEERING, CHEMICAL | 33/143 | Q1 |
| MATERIALS SCIENCE, TEXTILES | 3/25 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.889

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

4. **AU:** Yang, C ; Zhang, B ; Zhang, SX ; Wu, YH ; Wang, TH ; Qiu, JS

**TI:** Highly permeable and selective sepiolite hybrid mixed matrix carbon membranes supported on plate carbon substrates for gas separation

**SO:** CHEMICAL ENGINEERING RESEARCH & DESIGN

**UT WOS:** 000703549600007

**JCR 期刊分区:**

CHEMICAL ENGINEERING RESEARCH & DESIGN


**2020 影响因子:** 3.739

**研究领域:** Engineering

**5.** **AU:** Shan, LN ; Wang, HY ; Guo, LY ; Zheng, RR ; Shi, LL ; Zhang, S

**TI:** Preparation and catalytic property of composite ionic liquid immobilized on SBA-15

**SO:** CANADIAN JOURNAL OF CHEMISTRY

**UT WOS:** 000702756700007

**JCR 期刊分区:**

CANADIAN JOURNAL OF CHEMISTRY


**2020 影响因子:** 1.118

**研究领域:** Chemistry

**6.** **AU:** Zhang, Y ; Yu, Q ; Wang, HH ; Zou, MX

**TI:** Study on the performance of petroleum coke after electrolytic desulfurization in NaBr-CH3COOH system

**SO:** ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS

**UT WOS:** 000700474000001

**JCR 期刊分区:**

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS

impact factor

3.447 2.406

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENERGY & FUELS | 68/114 | Q3 |
| ENGINEERING, CHEMICAL | 58/143 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.447

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

**7.** **AU:** Wu, YH ; Yao, R ; Hong, XQ ; Zhang, B ; Wang, TH

**TI:** Efficient purification of oily wastewater by a single-stage filtration with diatomite/carbon membranes

**SO:** DESALINATION AND WATER TREATMENT

**UT WOS:** 000691663100017

**JCR 期刊分区:**

DESALINATION AND WATER TREATMENT

impact factor

1.254 1.553

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, CHEMICAL | 110/143 | Q4 |
| WATER RESOURCES | 83/98 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.254

**研究领域:** Engineering；Water Resources

**8.** **AU:** Zhao, XD ; Xu, TJ ; Lu, JJ ; Liu, HT

**TI:** Study of potential of Fe-Si-76 as catalyst for CO2 reduction to CH3OH

**SO:** JOURNAL OF MOLECULAR LIQUIDS

**UT WOS:** 000700330200041

**JCR 期刊分区:**

JOURNAL OF MOLECULAR LIQUIDS

impact factor

6.165 5.642

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 43/162 | Q2 |
| PHYSICS, ATOMIC, MOLECULAR & CHEMICAL | 4/37 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 6.165

**研究领域:** Chemistry；Physics

**9.** **AU:** Zhang, B ; Zhang, SX ; Wu, YH ; Hong, XQ ; Liang, YJ ; Wang, TH ; Qiu, JS

**TI:** Enhanced separation performance of microfiltration carbon membranes for oily wastewater treatment by an air oxidation strategy

**SO:** CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION

**UT WOS:** 000697061000003

**JCR 期刊分区:**

CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION

impact factor

4.237 4.055

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENERGY & FUELS | 51/114 | Q2 |
| ENGINEERING, CHEMICAL | 41/143 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.237

**研究领域:** Energy & Fuels；Engineering

**10.** **AU:** Cang, M ; Cui, W ; Zhou, HY ; Wang, RZ ; Sun, MZ ; Ying, SA ; Sun, QK ; Pan, YY ; Xue, SF ; Yang, WJ

**TI:** Nondoped, deep-blue, organic light-emitting diodes with low-efficiency roll-off based on a simple anthracene-triazole hybrid fluorescent molecule

**SO:** DYES AND PIGMENTS

**UT WOS:** 000693358800005

**JCR 期刊分区:**

DYES AND PIGMENTS

impact factor

4.889 4.016

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, APPLIED | 16/74 | Q1 |
| ENGINEERING, CHEMICAL | 33/143 | Q1 |
| MATERIALS SCIENCE, TEXTILES | 3/25 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.889

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

**11.** **AU:** Sun, T ; Huang, QC ; Chen, RN ; Zhang, W ; Li, QL ; Wu, AP ; Wang, GX ; Hu, SQ ; Cai, ZQ

**TI:** The selectivity of a polydimethylsiloxane-based triblock copolymer as the stationary phase for capillary gas chromatography

**SO:** NEW JOURNAL OF CHEMISTRY

**UT WOS:** 000711059700001

**JCR 期刊分区:**

NEW JOURNAL OF CHEMISTRY

impact factor

3.591 3.385

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 75/178 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.591

**研究领域:** Chemistry

12. **AU:** Yang, C ; Zhang, B ; Zhang, SX ; Wu, YH ; Wang, TH ; Qiu, JS

**TI:** Highly permeable and selective sepiolite hybrid mixed matrix carbon membranes supported on plate carbon substrates for gas separation

**SO:** CHEMICAL ENGINEERING RESEARCH & DESIGN

**UT WOS:** 000703549600007

**JCR 期刊分区:**

CHEMICAL ENGINEERING RESEARCH & DESIGN

impact factor

3.739 3.805

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, CHEMICAL | 53/143 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.739

**研究领域:** Engineering

13. **AU:** Shan, LN ; Wang, HY ; Guo, LY ; Zheng, RR ; Shi, LL ; Zhang, S

**TI:** Preparation and catalytic property of composite ionic liquid immobilized on SBA-15

**SO:** CANADIAN JOURNAL OF CHEMISTRY

**UT WOS:** 000702756700007

**JCR 期刊分区:**

CANADIAN JOURNAL OF CHEMISTRY


**2020 影响因子:** 1.118

**研究领域:** Chemistry

**14. AU:** Zhang, Y ; Yu, Q ; Wang, HH ; Zou, MX

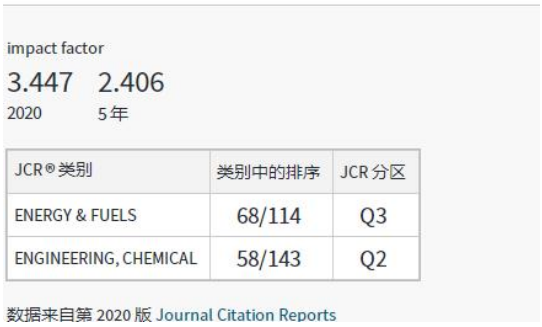
**TI:** Study on the performance of petroleum coke after electrolytic desulfurization in NaBr-CH3COOH system

**SO:** ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS

**UT WOS:** 000700474000001

**JCR 期刊分区:**

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS




**2020 影响因子:** 3.447

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

**15. AU:** Soo, JAL ; Makhtar, MMZ ; Shoparwe, NF ; Otitoju, TA ; Mohamad, M ; Tan, LS ; Li, SX

**TI:** Characterization and Kinetic Studies of Poly(vinylidene fluoride-co-hexafluoropropylene) Polymer Inclusion Membrane for the Malachite Green Extraction

**SO:** MEMBRANES

**UT WOS:** 000699488800001

**JCR 期刊分区:**

MEMBRANES

impact factor

4.106 4.509

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| CHEMISTRY, PHYSICAL | 69/162 | Q2 |
| ENGINEERING, CHEMICAL | 45/143 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 125/334 | Q2 |
| POLYMER SCIENCE | 21/90 | Q1 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 4.106

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

**16. AU:** Wu, YH ; Yao, R ; Hong, XQ ; Zhang, B ; Wang, TH

**TI:** Efficient purification of oily wastewater by a single-stage filtration with diatomite/carbon membranes

**SO:** DESALINATION AND WATER TREATMENT

**UT WOS:** 000691663100017

**JCR 期刊分区:**

DESALINATION AND WATER TREATMENT

impact factor

1.254 1.553

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| ENGINEERING, CHEMICAL | 110/143 | Q4 |
| WATER RESOURCES | 83/98 | Q4 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.254

**研究领域:** Engineering;Water Resources

## （十一）化工装备学院（1 篇）

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

**TI:** Sample-Entropy-Based Method for Real Driving Fatigue Detection with Multichannel Electroencephalogram

**SO:** APPLIED SCIENCES-BASEL

**UT WOS:** 000718716500001

**JCR 期刊分区:**

APPLIED SCIENCES-BASEL

impact factor

2.679 2.736

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| CHEMISTRY, MULTIDISCIPLINARY | 101/178 | Q3 |
| ENGINEERING, MULTIDISCIPLINARY | 38/90 | Q2 |
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 201/334 | Q3 |
| PHYSICS, APPLIED | 73/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.679

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

**（十二）其他：未注明学院（7 篇）**

**1.** **AU:** Yang, LM ; Ma, SR ; Mu, GW

**TI:** Improvements of microstructure and hardness of lead-free solders doped with Mo nanoparticles

**SO:** MATERIALS LETTERS

**UT WOS:** 000697457000002

**JCR 期刊分区:**

MATERIALS LETTERS

impact factor

3.423 3.003

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATERIALS SCIENCE, MULTIDISCIPLINARY | 163/334 | Q2 |
| PHYSICS, APPLIED | 52/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.423

**研究领域:** Materials Science；Physics

**2.** **AU:** Song, BX ; Yu, TB ; Jiang, XY ; Chen, LY ; Xi, WC ; Guan, C

**TI:** Evolution and convection mechanism of the melt pool formed by V-groove laser cladding

**SO:** OPTICS AND LASER TECHNOLOGY

**UT WOS:** 000693463500004

**JCR 期刊分区:**

OPTICS AND LASER TECHNOLOGY

impact factor

3.867 3.566

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| OPTICS | 21/99 | Q1 |
| PHYSICS, APPLIED | 46/160 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.867

**研究领域:** Optics；Physics

**3.** **AU:** Li, CS ; Liu, SY ; Wang, ZY

**TI:** Classifying Interictal Epileptiform Activities in Intracranial EEG Using Complex-Valued Convolutional Neural Network

**SO:** INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY

**UT WOS:** 000696322900311

**JCR 期刊分区:**

INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY

impact factor

2.997 3.456

2020 5年

| JCR®类别 | 类别中的排序 | JCR分区 |
|---|---|---|
| NEUROSCIENCES | 188/273 | Q3 |
| PHYSIOLOGY | 37/81 | Q2 |
| PSYCHOLOGY | 32/77 | Q2 |
| PSYCHOLOGY, BIOLOGICAL | 7/14 | Q2 |
| PSYCHOLOGY, EXPERIMENTAL | 35/91 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 2.997

**研究领域:** Psychology；Neurosciences & Neurology；Physiology

**4.** **AU:** Liu, YM ; Wen, X ; Meng, XF

**TI:** Research on Supernetwork Equilibrium about Deep Convergence of Enterprise Alliance for Breakthrough Innovation

**SO:** DISCRETE DYNAMICS IN NATURE AND SOCIETY

**UT WOS:** 000692891100002

**JCR 期刊分区:**

DISCRETE DYNAMICS IN NATURE AND SOCIETY

impact factor

1.348 1.067

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 81/108 | Q3 |
| MULTIDISCIPLINARY SCIENCES | 50/72 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.348

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

**5.** **AU:** Wang, X ; Wang, DZ ; Zhu, SY ; Liu, Y ; Zhao, HC

**TI:** Research on Maximum Power Tracking Control Method of 10MW MVSPMSG Based on Neutral Point Potential Balance

**SO:** IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

**UT WOS:** 000711783600006

**JCR 期刊分区:**

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

impact factor

1.704 1.566

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| ENGINEERING, ELECTRICAL & ELECTRONIC | 188/273 | Q3 |
| PHYSICS, APPLIED | 112/160 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.704

**研究领域:** Engineering；Physics

**6.** **AU:** Wang, X ; Wang, DZ ; Zhu, SY ; Liu, Y ; Zhao, HC

**TI:** Experimental Study on Mechanical Properties and Cracking Behaviors of T-Shaped Flaw-Contained Rock-like Materials Under Cyclic Loading

**SO:** FRONTIERS IN EARTH SCIENCE

**UT WOS:** 000715659200001

**JCR 期刊分区:**

FRONTIERS IN EARTH SCIENCE

impact factor

3.498 3.774

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| GEOSCIENCES, MULTIDISCIPLINARY | 71/200 | Q2 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 3.498

**研究领域:** Geology

**7.** **AU:** Liu, YM ; Wen, X ; Meng, XF

**TI:** Research on Supernetwork Equilibrium about Deep Convergence of Enterprise Alliance for Breakthrough Innovation

**SO:** DISCRETE DYNAMICS IN NATURE AND SOCIETY

**UT WOS:** 000692891100002

**JCR 期刊分区:**

DISCRETE DYNAMICS IN NATURE AND SOCIETY

impact factor

1.348 1.067

2020 5年

| JCR® 类别 | 类别中的排序 | JCR 分区 |
|---|---|---|
| MATHEMATICS, INTERDISCIPLINARY APPLICATIONS | 81/108 | Q3 |
| MULTIDISCIPLINARY SCIENCES | 50/72 | Q3 |

数据来自第 2020 版 Journal Citation Reports

**2020 影响因子:** 1.348

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

# 二、2021 年第四季度 CPCI-S、 CPCI-SSH 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

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

## （一）电气工程学院（15 篇）

**1.** **AU:** Bai, DC ; Yi, HY ; Chen, G ; Han, XH ; Jiang, YL ; Hiroshi, Y
**TI:** Research on The Dynamic Model of Human Lower Limbs Based on 3D Vision
**SO:** 2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)
**UT WOS:** 000678996900052

**2.** **AU:** Wang, TJ ; Wang, YN ; Yang, JY ; Wang, SY
**TI:** Study on Assistance Force of Standing Assist Robot
**SO:** 2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)
**UT WOS:** 000678996900082

**3.** **AU:** Duan, BW ; Zhao, DH; Yang, JY ; Wang, SY
**TI:** A Novel Posture Recognition Based on Time Series Supervised Learning Algorithm
**SO:** 2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)
**UT WOS:** 000678996900086

**4.** **AU:** Li, SY ; Zhao, D ; Sun, YZ ; Yang, JY ; Wang, SY
**TI:** Path Planning Algorithm Based on the Improved RRT-Connect for Home Service Robot Arms
**SO:** 2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)
**UT WOS:** 000678996900088

**5.** **AU:** Sun, YZ ; Yang, JY ; Zhao, DH ; Li, SY
**TI:** Personal Care Robot Navigation System Based on Multi-sensor Fusion
**SO:** 2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

**UT WOS:** 000678996900089

6. **AU:** Li, Y; Jiao, XY ; Sun, BQ ; Zhang, QH ; Yang, JY

**TI:** Multi-Welfare-Robot Cooperation Framework for Multi-Task Assignment in Healthcare Facilities Based on Multi-Agent System

**SO:** 2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

**UT WOS:** 000678996900090

7. **AU:** Sun, JJ ; Fu, YS ; Zhang, Q ; Wang, C ; Sun, JW ; Zeng, H ; Chi, C ; Yuan, P ; Li, XW

**TI:** A Method of Layout Planning for Distribution Automation Terminal Considering the Failure Rate Characteristics

**SO:** 2020 CHINESE AUTOMATION CONGRESS (CAC 2020)

**UT WOS:** 000678697001063

8. **AU:** Song, D ; Wang, C ; Xu, JY ; Xu, L ; Zhang, XT ; Lu, SC ; Tian, Y

**TI:** Study on Unit Optimal Scheduling Considering the joint constraint of "deep peak load regulation and coal consumption"

**SO:** 2020 CHINESE AUTOMATION CONGRESS (CAC 2020)

**UT WOS:** 000678697001184

9. **AU:** Li, YC ; Bai, EM ; Xu, JY ; Liu, JC ; Liu, SW ; Ren, PC ; Yuan, P

**TI:** Dynamic Reactive Power Allocation Strategy for AC/DC System Based on Quantum Genetic Algorithm

**SO:** 2020 CHINESE AUTOMATION CONGRESS (CAC 2020)

**UT WOS:** 000678697002007

10. **AU:** Liu, Y ; Xing, ZX] ; Zhao, LJ ; Li, L ; Xu, J ; Fu, QT

**TI:** Data-Based H-infinity Tracking Control for Time-Delay Systems Via Adaptive Dynamic Programming

**SO:** 2020 CHINESE AUTOMATION CONGRESS (CAC 2020)

**UT WOS:** 000678697006083

11. **AU:** Zhao, HS ; Eldeeb, HH ; Zhang, YL ; Zhan, Y ; Xu, GR ; Mohammed, OA

**TI:** An Improved Core Loss Model of Ferromagnetic Materials Considering High-Frequency and Non-Sinusoidal Supply

**SO:** 2020 IEEE INDUSTRY APPLICATIONS SOCIETY ANNUAL MEETING

**UT WOS:** 000680413800071

12. **AU:** Hu, JM ; Bai, BD ; Chen, DZ

**TI:** Research on equivalent circuit of bearing current discharge based on carbon nanotubes

**SO:** 2020 IEEE MTT-S INTERNATIONAL CONFERENCE ON NUMERICAL ELECTROMAGNETIC AND MULTIPHYSICS MODELING AND OPTIMIZATION (NEMO 2020)

**UT WOS:** 000675465100143

13. **AU:** Fu, Y ; Tang, JC ; Cui, J ; Yang, JY ; Cheng, SS

**TI:** Research on capacity configuration optimization for island microgrid with PV-wind-diesel-battery and seawater desalination load

**SO:** 2020 INTERNATIONAL CONFERENCE ON GREEN DEVELOPMENT AND ENVIRONMENTAL SCIENCE AND TECHNOLOGY

**UT WOS:** 000661376100078

**14．AU:** Li, T ; Song, JL ; Chen, J ; Tong, HS ; Cui, J ; Wang, AN

**TI:** A dimensionality reduction method of power load data based on the combination of VMD-OMP-Kmeans

**SO:** 2020 INTERNATIONAL CONFERENCE ON GREEN DEVELOPMENT AND ENVIRONMENTAL SCIENCE AND TECHNOLOGY

**UT WOS:** 000661376100057

**15．AU:** Yu, F ; Feng, J ; Jia, C ; Yang, JY ; Yan, XY ; Jin, YH ; Liu, YF

**TI:** A demand-side integrated flexible load regulation optimization strategy for clean energy consumption

**SO:** 2020 INTERNATIONAL CONFERENCE ON GREEN DEVELOPMENT AND ENVIRONMENTAL SCIENCE AND TECHNOLOGY

**UT WOS:** 000661376100082

**（二）信息科学与工程学院（1 篇）**

**1． AU:** Liu, TZ ; Zhou, T ; Gao, J ; Li, W ; Ma, YM

**TI:** Autocorrelation Sequence Prediction Model Based On Reference Function Transformation: Taking Epidemic Prediction As An Example

**SO:** 2020 CHINESE AUTOMATION CONGRESS (CAC 2020)

**UT WOS:** 000678697001126

**（三）其他：未注明学院（5 篇）**

**1． AU:** Zhang, H ; Zhong, JY ; Zhu, JB ; Wang, ZJ ; Yao, YQ ; Liu, YP ; Du, YQ

**TI:** Simulation Analysis of 550 kV 80 kA SF6 Gas Circuit Breaker's Interrupting Capability in T100a Test

**SO:** 2021 3RD ASIA ENERGY AND ELECTRICAL ENGINEERING SYMPOSIUM (AEEES 2021)

**UT WOS:** 000670976800045

**2． AU:** Zhang, H ; Zhu, JB ; Wang, ZJ ; Yao, YQ ; Du, YQ ; Liu, YP

**TI:** Co-simulation and Parameter Sensitivity Analysis of High Voltage Switch Bus Insulation and Current Flow

**SO:** 2021 3RD ASIA ENERGY AND ELECTRICAL ENGINEERING SYMPOSIUM (AEEES 2021)

**UT WOS:** 000670976800047

**3． AU:** He, Y ; Jiao, JY ; Kondo, M

**TI:** Local Traffic-Based Energy-Efficient Hybrid Switching for On-Chip Networks

**SO:** 2021 29TH EUROMICRO INTERNATIONAL CONFERENCE ON PARALLEL,

DISTRIBUTED AND NETWORK-BASED PROCESSING (PDP 2021)

**UT WOS:** 000670865900029

**4.** **AU:** Li, Q ; Xi, JY ; Zhang, C ; Zheng, Y

**TI:** Research on financial supervision in Northeast Asia Free Trade Zone - Based on the "Regulatory Sandbox" model

**SO:** 2020 2ND INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE COMMUNICATION AND NETWORK SECURITY (CSCNS2020)

**UT WOS:** 000664122500201

**5.** **AU:** Sun, DM ; Fei, CY

**TI:** Prediction method of energy efficiency ratio of central air-conditioning operation based on extreme learning machine

**SO:** 2020 CHINESE AUTOMATION CONGRESS (CAC 2020)

**UT WOS:** 000678697006162