2021 年第三季度 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 9 月

统计说明

1、检索时间和统计方法：

① 检索时间段：从 2021 年 7 月 1 日至 2021 年 9 月 30 日；

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

③ 检索字段：“ADDRESS”字段；

④ 检索结果：经工作人员认真核对、筛选，然后按学院分类整理并统计。

2、 SCI 分区数据来自第 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。

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联系电话：25496607

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一、2021 年第三季度 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（17 篇）

1. **AU:**Zhao, SY ; Chen, CZ ; Luo, YQ ; Liang, SM ; Dong, ZX ; Kong, XX

TI: Fault diagnosis of rolling element bearings based on cascaded combination top-hat product filter and Teager energy spectrum

SO:MEASUREMENT SCIENCE AND TECHNOLOGY

UT WOS:000664296300001

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	49/91	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

2. **AU:**Liu, HF ; Zhao, LY ; Chang, YL ; Cong, C

TI: Design and characteristic analysis of magnetostrictive bistable vibration harvester with displacement amplification mechanism

SO:ENERGY CONVERSION AND MANAGEMENT

UT WOS:000677929200001

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	2/136	Q1
THERMODYNAMICS	2/62	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

3. **AU:** Tang, WR ; Kang, S ; Liu, Z

TI: Dynamic Compression Deformation and Constitutive Model of Extruded Mg-1Zn-2Y Bar

SO: TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS

UT WOS: 000681539300001

JCR 期刊分区:

TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS

2020 影响因子:1.499

研究领域: Metallurgy & Metallurgical Engineering

4. **AU:** Chen, JC ; Wang, S ; He, EQ ; Wang, H ; Wang, L

TI: Recognizing drowsiness in young men during real driving based on electroencephalography using an end-to-end deep learning approach

SO: BIOMEDICAL SIGNAL PROCESSING AND CONTROL

UT WOS: 000685656200006

JCR 期刊分区:

BIOMEDICAL SIGNAL PROCESSING AND CONTROL

2020 影响因子:3.88

研究领域: Engineering

5. **AU:** Wang, P ; Yan, M ; Zhang, L ; Yang, N

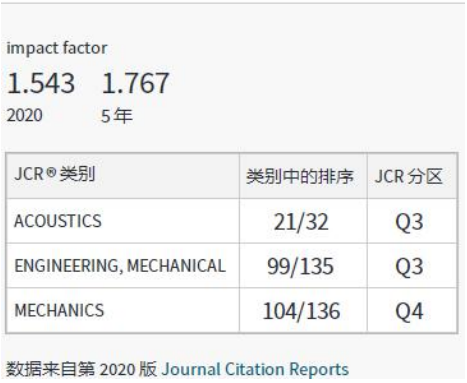
TI: Shock Signal Trend Term Error Correction Method Based on Discrete Wavelet Transform and Low-Frequency Oscillator Combination

SO: SHOCK AND VIBRATION

UT WOS: 000684847300002

JCR 期刊分区:

SHOCK AND VIBRATION



impact factor

1.543 1.767

2020 5年

JCR® 类别	类别中的排序	JCR 分区
ACOUSTICS	21/32	Q3
ENGINEERING, MECHANICAL	99/135	Q3
MECHANICS	104/136	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:1.543

研究领域: Acoustics； Engineering； Mechanics

6. AU: Wang, YZ ; Zhu, SC ; Zhang, Q ; Zhou, R ; Dou, RT ; Sun, HN ; Yao, QF ; Xu, MW ; Zhang, Y

TI: A Visual Grasping Strategy for Improving Assembly Efficiency Based on Deep Reinforcement Learning

SO: JOURNAL OF SENSORS

UT WOS: 000683143800002

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

7. AU: Yu, FA ; Zhou, B ; Xin, W ; Zhang, XY

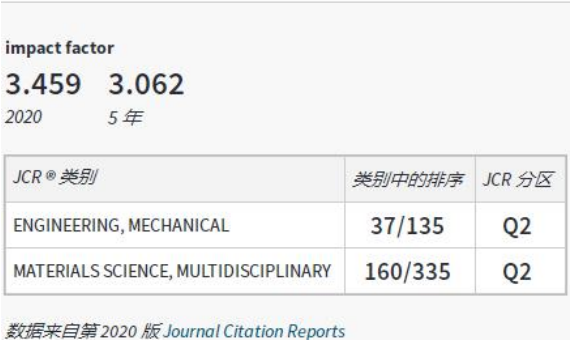
TI: Fatigue life prediction for the main spar with wrinkle defects of a wind turbine blade

SO: FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES

UT WOS:000670466500001

JCR 期刊分区:

FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES



impact factor

3.459 3.062

2020 5 年

JCR ® 类别	类别中的排序	JCR 分区
ENGINEERING, MECHANICAL	37/135	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	160/335	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.459

研究领域: Engineering；Materials Science

8. **AU:** Lu, HQ ; Zou, ZN ; Wu, XL ; Shi, CQ ; Liu, YM ; Xiao, JL

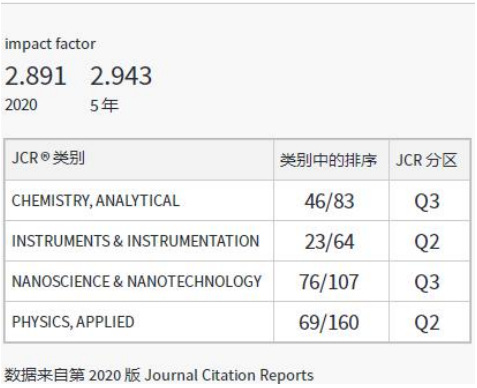
TI: Biomimetic Prosthetic Hand Enabled by Liquid Crystal Elastomer Tendons

SO: MICROMACHINES

UT WOS:000677379700001

JCR 期刊分区:

MICROMACHINES



impact factor

2.891 2.943

2020 5 年

JCR ® 类别	类别中的排序	JCR 分区
CHEMISTRY, ANALYTICAL	46/83	Q3
INSTRUMENTS & INSTRUMENTATION	23/64	Q2
NANOSCIENCE & NANOTECHNOLOGY	76/107	Q3
PHYSICS, APPLIED	69/160	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:2.891

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

9. **AU:**Yu, XF ; Gao, Y ; Wang, SJ ; Wang, HM ; Xia, YZ ; Yang, SX ; Su, Y

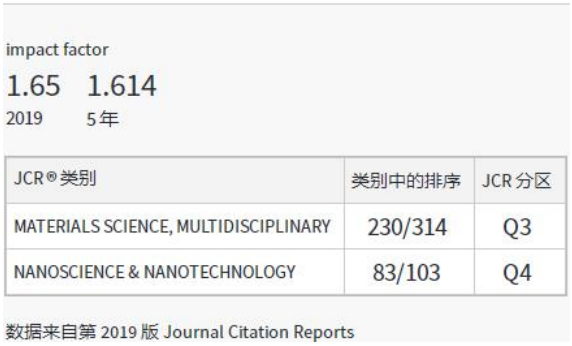
TI: Effect of deep tempering on microstructure and mechanical properties of G13Cr4Mo4Ni4V steel

SO:MATERIALS EXPRESS

UT WOS:000675725600025

JCR 期刊分区:

MATERIALS EXPRESS



JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	230/314	Q3
NANOSCIENCE & NANOTECHNOLOGY	83/103	Q4

数据来自第 2019 版 Journal Citation Reports

2020 影响因子: 1.65

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

10. AU: Sun, B ; Wang, HR ; Shi, ZS ; Li, J

TI: Pumping power and heating area dependence of thermal resistance for a large-scale microchannel heat sink under extremely high heat flux

SO:HEAT AND MASS TRANSFER

UT WOS:000668854300001

JCR 期刊分区:

HEAT AND MASS TRANSFER

JCR®类别	类别中的排序	JCR分区
MECHANICS	67/136	Q2
THERMODYNAMICS	27/62	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 2.464

研究领域: Thermodynamics；Mechanics

11. AU: Wei, Z ; Li, L ; Zhao, F

TI: First-order approximate rigid-flexible coupled dynamics analysis of a simple aero-engine blade model with dynamic stiffening effect

SO:JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY

UT WOS:000668090100030

JCR 期刊分区:

JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY

impact factor

1.734	1.649
2020	5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MECHANICAL	89/135	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 1.734

研究领域: Engineering

12. **AU:**Liu, HF ; Chen, X ; Sun, XW ; Gao, QX ; Qiao, KQ

TI:A pL-fL grade micro-dispensing by pipetting needle glue liquid transfer

SO:AIP ADVANCES

UT WOS:000687785200004

JCR 期刊分区:

AIP ADVANCES

impact factor

1.548	1.703
2020	5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	277/335	Q4
NANOSCIENCE & NANOTECHNOLOGY	96/107	Q4
PHYSICS, APPLIED	122/160	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 1.548

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

13. **AU:**Zhang, M ; Ma, PF ; Sun, F ; Sun, XW ; Xu, FC ; Jin, J ; Fang, LJ

TI: Dynamic Modeling and Control of Antagonistic Variable Stiffness Joint Actuator

SO:ACTUATORS

UT WOS:000665387100001

JCR 期刊分区:

ACTUATORS

impact factor

1.994	2.623
2020	5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, MECHANICAL	77/135	Q3
INSTRUMENTS & INSTRUMENTATION	37/64	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 1.994

研究领域: Engineering；Instruments & Instrumentation

14. **AU:**Hui, AM ; Yan, M ; Zhang, L ; Jin, YL ; Wang, KP ; Liu, HC

TI: Shock Characteristics of the Opposed Disc Springs (ODS) Shock Isolator with Pretightening under Boundary Friction Condition

SO:SHOCK AND VIBRATION

UT WOS:000664870700003

JCR 期刊分区:

SHOCK AND VIBRATION

impact factor

1.543 1.767

2020 5年

JCR®类别	类别中的排序	JCR 分区
ACOUSTICS	21/32	Q3
ENGINEERING, MECHANICAL	99/135	Q3
MECHANICS	104/136	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 1.543

研究领域: Acoustics；Engineering；Mechanics

15. **AU:**Liu, WW ; Zhao, WQ ; Liu, J

TI: Dynamic characteristics analysis of a high-speed-level gear transmission system of a wind turbine considering a time-varying wind load and an electromagnetic torque disturbance

SO:JOURNAL OF LOW FREQUENCY NOISE VIBRATION AND ACTIVE CONTROL

UT WOS:000680725700001

JCR 期刊分区:

JOURNAL OF LOW FREQUENCY NOISE VIBRATION AND ACTIVE CONTROL

impact factor

2.837 2.616

2020 5年

JCR®类别	类别中的排序	JCR 分区
ACOUSTICS	9/32	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 2.837

研究领域: Acoustics

16. **AU:**Xia, PP ; Yu, SB ; Dou, RT ; Zhai, FC

TI: Analytical modeling and study on noise characteristics of rotor eccentric SPMSM with unequal magnetic poles structure

SO:TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES

UT WOS:000680008300001

JCR 期刊分区:

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES

impact factor

0.806 0.809

2020 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	132/140	Q4
ENGINEERING, ELECTRICAL & ELECTRONIC	248/273	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 0.806

研究领域: Computer Science； Engineering

17. AU: Liang, C ; Chen, CZ

TI: Generalized Composite Multiscale Diversity Entropy and Its Application for Fault Diagnosis of Rolling Bearing in Automotive Production Line

SO:IEEE ACCESS

UT WOS:000673201800001

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	65/162	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

（二）材料科学与工程学院（28 篇）

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

TI: Experimental investigation and simulation assessment on fluidity and hot tearing of Mg-Zn-Cu system alloys

SO:JOURNAL OF MATERIALS PROCESSING TECHNOLOGY

UT WOS:000674450200003

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	91/335	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

2. **AU:**Wang, C ; Wang, X ; Wang, BL ; Xiao, GZ ; Qiao, RQ ; Zhang, F ; Bai, Y ; Li, YZ ; Wu, YS ; Wang, ZJ ; Wang, HJ

TI: Enhancement of thermal shock resistance in beta-Si3N4 coating with in situ synthesized beta-Si3N4 nanowires/nanobelts on porous Si3N4 ceramics

SO:CERAMICS INTERNATIONAL

UT WOS:000682382400001

JCR 期刊分区:

CERAMICS INTERNATIONAL

impact factor

4.527 4.049

2020 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, CERAMICS	3/29	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:4.527

研究领域: Materials Science

3. **AU:**Guo, R ; He, Y ; Yu, T ; Cheng, P ; You, JH ; Lin, HJ ; Chen, CT ; Chan, TS ; Liu, XW ; Hu, ZW

TI: Enhanced oxygen evolution reaction activity of flower-like FeOOH via the synergistic effect of sulfur

SO:CHEMICAL ENGINEERING JOURNAL

UT WOS:000664733600001

JCR 期刊分区:

CHEMICAL ENGINEERING JOURNAL

impact factor

13.273 11.529

2020 5年

JCR®类别	类别中的排序	JCR 分区
ENGINEERING, CHEMICAL	4/143	Q1
ENGINEERING, ENVIRONMENTAL	2/54	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:13.273

研究领域: Engineering

4. **AU:**Dong, TH ; Zhang, XD ; Yang, LM ; Wang, F

TI: Investigation of the structural stability, mechanical, and thermodynamic properties of Hf5BSi3 silicide with vacancies defects

SO:VACUUM

UT WOS:000681240100007

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	151/335	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:**Ma, H ; Zhang, XD ; Wang, F

TI: First-principles study of the lattice vibration, elastic anisotropy and thermodynamical properties of Tantalum Silicide with the different crystal structures

SO:VACUUM

UT WOS:000681220400004

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	151/335	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:**Cui, X ; Zhang, S ; Zhang, CH ; Chen, J ; Zhang, JB ; Dong, SY

TI:A comparison on microstructure features of 24CrNiMo low alloy steel prepared by selective laser melting and laser melting deposition

SO:VACUUM

UT WOS:000679322400003

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	151/335	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

7. **AU:**Li, G ; Deng, ZH ; Cai, MK ; Huang, KX ; Guo, MX ; Zhang, P ; Hou, XY; Zhang, Y ; Wang, YJ ; Wang, Y ; Wu, X ; Guo, CF

TI: A stretchable and adhesive ionic conductor based on polyacrylic acid and deep eutectic solvents

SO: NPJ FLEXIBLE ELECTRONICS

UT WOS: 000688534700001

JCR 期刊分区:

NPJ FLEXIBLE ELECTRONICS

impact factor

12.74 12.355

2020 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	3/273	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	28/335	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:12.74

研究领域: Engineering；Materials Science

8. **AU:** Yu, X ; Hu, F ; Guo, ZQ ; Liu, L ; Song, GH ; Zhu, K

TI: High-performance Cu0.95V2O5 nanoflowers as cathode materials for aqueous zinc-ion batteries

SO: RARE METALS

UT WOS: 000686041800004

JCR 期刊分区:

RARE METALS

impact factor

4.003 2.81

2020 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	133/335	Q2
METALLURGY & METALLURGICAL ENGINEERING	13/80	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:4.003

研究领域: Materials Science；Metallurgy & Metallurgical Engineering

9. **AU:** Dong, ZH ; Li, YW ; Wu, H ; Babkin, A ; Chang, YL

TI: Effect of TIG arc characteristics on weld morphology and structure of AISI444 ferritic stainless steel under pulse current

SO: WELDING IN THE WORLD

UT WOS: 000685152700001

JCR 期刊分区:

WELDING IN THE WORLD

2020 影响因子:2.103

研究领域: Metallurgy & Metallurgical Engineering

10. AU: Tao, CC ; Huang, HJ ; Yuan, XG; Yue, CY ; Su, M ; Zuo, XJ

TI: Effect of Y Element on Microstructure and Hot Tearing Sensitivity of As-Cast Al-4.4Cu-1.5Mg-0.15Zr Alloy

SO: INTERNATIONAL JOURNAL OF METALCASTING

UT WOS: 000684089100001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF METALCASTING

2020 影响因子:1.805

研究领域: Metallurgy & Metallurgical Engineering

11. AU: Li, GL ; Cao, Y ; Qu, YD ; Chen, RR ; Li, RD ; Nie, SN ; Tian, C

TI: Improved hole wall roughness and corrosion resistance of U-shaped hole prepared by casting

SO: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

UT WOS: 000683269900004

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

12. **AU:** Tang, WR ; Kang, S ; Liu, Z

TI: Dynamic Compression Deformation and Constitutive Model of Extruded Mg-1Zn-2Y Bar

SO: TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS

UT WOS: 000681539300001

JCR 期刊分区:

TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS

impact factor

1.499 1.349

2020 5年

JCR® 类别	类别中的排序	JCR 分区
METALLURGY & METALLURGICAL ENGINEERING	45/80	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:1.499

研究领域: Metallurgy & Metallurgical Engineering

13. **AU:** Yan, WL ; Xiao, ZH ; Li, XY ; Wu, X ; Kong, LB

TI: Chinese ink-facilitated fabrication of paper-based composites as electrodes for supercapacitors

SO: INTERNATIONAL JOURNAL OF SMART AND NANO MATERIALS

UT WOS: 000681285000001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF SMART AND NANO MATERIALS

impact factor

4.5 4.143

2020 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	115/335	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:4.5

研究领域: Materials Science

14. **AU:** Wei, ZY ; Cong, YB ; Ma, XH ; Li, ZL ; Liu, X ; Cheng, CS ; Li, SX

TI: Characterization and fungicidal activities of four solid crystallizations of epoxiconazole

SO: ENVIRONMENTAL TECHNOLOGY & INNOVATION

UT WOS: 000685036700010

JCR 期刊分区:

ENVIRONMENTAL TECHNOLOGY & INNOVATION

impact factor

5.263 5.116

2020 5年

JCR®类别	类别中的排序	JCR分区
BIOTECHNOLOGY & APPLIED MICROBIOLOGY	31/159	Q1
ENGINEERING, ENVIRONMENTAL	18/54	Q2
ENVIRONMENTAL SCIENCES	64/274	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:5.263

研究领域: Biotechnology & Applied Microbiology；Engineering；Environmental Sciences & Ecology

15. **AU:**Madani, RM ; Liang, JY ; Cui, L ; Zhang, DD ; Otitoju, TA ; Elsalahi, RH ; Song, XX

TI: Novel simultaneous anaerobic ammonium and sulfate removal process: A review

SO:ENVIRONMENTAL TECHNOLOGY & INNOVATION

UT WOS:000685010500005

JCR 期刊分区:

ENVIRONMENTAL TECHNOLOGY & INNOVATION

impact factor

5.263 5.116

2020 5年

JCR® 类别	类别中的排序	JCR 分区
BIOTECHNOLOGY & APPLIED MICROBIOLOGY	31/159	Q1
ENGINEERING, ENVIRONMENTAL	18/54	Q2
ENVIRONMENTAL SCIENCES	64/274	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:5.263

研究领域: Biotechnology & Applied Microbiology；Engineering；Environmental Sciences & Ecology

16. AU: Liu, Y ; Wu, X

TI: Hydrogen and sodium ions co-intercalated vanadium dioxide electrode materials with enhanced zinc ion storage capacity

SO:NANO ENERGY

UT WOS:000672564900003

JCR 期刊分区:

NANO ENERGY

impact factor

17.881 17.631

2020 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	10/162	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	16/335	Q1
NANOSCIENCE & NANOTECHNOLOGY	7/107	Q1
PHYSICS, APPLIED	9/160	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:17.881

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

17. AU: Su, YH ; Dai, ZY ; Yang, TS ; Wang, YD ; Liang, XW ; Wu, XG

TI: Study on hot deformation behavior and strengthening mechanism of Inconel 625 deposited metal at high temperature

SO:JOURNAL OF MATERIALS SCIENCE

UT WOS:000679763600003

JCR 期刊分区:

JOURNAL OF MATERIALS SCIENCE

2020 影响因子:4.22

研究领域: Materials Science

18. **AU:**Ren, SY ; Wang, F ; Liu, Z ; Mao, PL ; Sun, JY

TI: Gating System Design Based on Numerical Simulation and Production Experiment Verification of Aluminum Alloy Bracket Fabricated by Semi-solid Rheo-Die Casting Process

SO:INTERNATIONAL JOURNAL OF METALCASTING

UT WOS:000679763600003

JCR 期刊分区:

INTERNATIONAL JOURNAL OF METALCASTING

2020 影响因子: 1.805

研究领域: Metallurgy & Metallurgical Engineering

19. **AU:**Guan, C ; Hu, F ; Yu, X ; Chen, HL ; Song, GH ; Zhu, K

TI: High performance of HNaV6O16 center dot 4H(2)O nanobelts for aqueous zinc-ion batteries with in-situ phase transformation by Zn(CF3SO3)(2) electrolyte

SO:RARE METALS

UT WOS:000673857000001

JCR 期刊分区:

RARE METALS

impact factor

4.003 2.81

2020 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	133/335	Q2
METALLURGY & METALLURGICAL ENGINEERING	13/80	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 4.003

研究领域: Materials Science；Metallurgy & Metallurgical Engineering

20. **AU:**Zhang, YS ; Yang, ZZ ; Zhou, G ; Zhang, HY ; Chen, LJ ; Guan, L

TI: Thermocompression Deformation Behavior and Mechanism of Ni60Ti40 Alloy

SO:RARE METAL MATERIALS AND ENGINEERING

UT WOS:000686209800018

JCR 期刊分区:

RARE METAL MATERIALS AND ENGINEERING

impact factor

0.506 0.527

2020 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	325/335	Q4
METALLURGY & METALLURGICAL ENGINEERING	77/80	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 0.506

研究领域: Materials Science；Metallurgy & Metallurgical Engineering

21. **AU:**Lei, F ; Sha, YH ; He, ZH ; Zhang, F ; Zuo, L

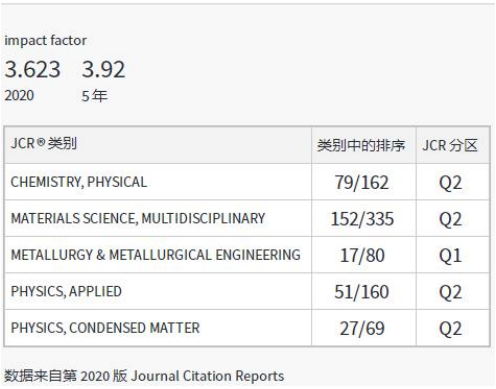
TI: Rapid Secondary Recrystallization of the Goss Texture in Fe81Ga19 Sheets Using Nanosized NbC Particles

SO:MATERIALS

UT WOS:000676742200001

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	152/335	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

22. AU: Yang, MM ; Zhang, F ; Yu, W ; Bai, YK ; Liu, Z

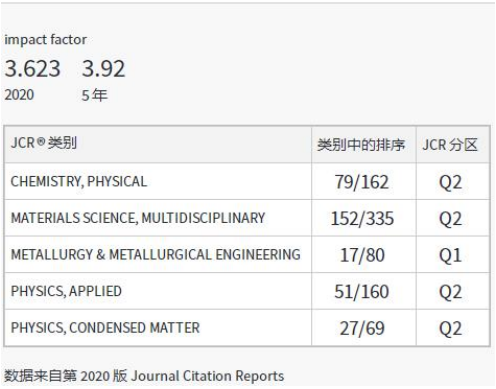
TI: Microstructural Characteristics and Subsequent Soften Mechanical Response in Transverse Direction of Wrought AZ31 with Elevated Compression Temperature

SO:MATERIALS

UT WOS:000676507200001

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	152/335	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: Yu, XF ; Gao, Y ; Wang, SJ ; Wang, HM ; Xia, YZ ; Yang, SX ; Su, Y

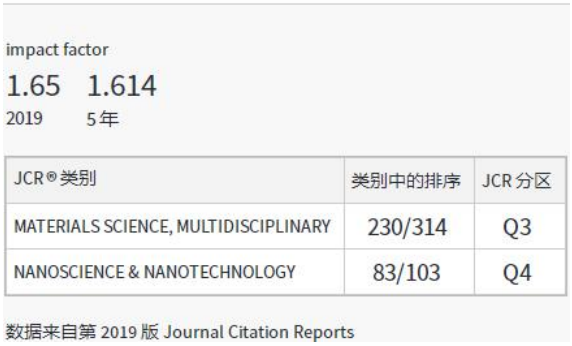
TI: Effect of deep tempering on microstructure and mechanical properties of G13Cr4Mo4Ni4V steel

SO:MATERIALS EXPRESS

UT WOS:000675725600025

JCR 期刊分区:

MATERIALS EXPRESS



impact factor

1.65 1.614

2019 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	230/314	Q3
NANOSCIENCE & NANOTECHNOLOGY	83/103	Q4

数据来自第 2019 版 Journal Citation Reports

2020 影响因子: 1.65

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

24. **AU:**Li, MC ; Yu, FY ; Ren, L ; Li, LS ; Wu, YS

TI: Dual Anti-Sintering Mechanism of Highly Stable CaO-Based Sorbent and Enhanced Kinetics

SO:CHEMICAL ENGINEERING & TECHNOLOGY

UT WOS:000665007700001

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

25. **AU:**Su, RM ; Ma, SY ; Wang, KN ; Li, GL ; Qu, YD ; Li, RD

TI: Effect of Cyclic Deep Cryogenic Treatment on Corrosion Resistance of 7075 Alloy

SO:METALS AND MATERIALS INTERNATIONAL

UT WOS:000659424900001

JCR 期刊分区:

METALS AND MATERIALS INTERNATIONAL

impact factor

3.642 2.541

2020 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	150/335	Q2
METALLURGY & METALLURGICAL ENGINEERING	16/80	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 3.642

研究领域: Materials Science；Metallurgy & Metallurgical Engineering

26. AU: Han, DY ; Jiang, WG ; Xiao, JH ; Li, KW ; Lu, YZ ; Lou, LH

TI: Investigating the evolution of freckles into sliver defects in Ni-based single-crystal superalloy castings

SO:MATERIALS TODAY COMMUNICATIONS

UT WOS:000683031100001

JCR 期刊分区:

MATERIALS TODAY COMMUNICATIONS

impact factor

3.383 3.145

2020 5 年

JCR ® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	165/335	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 3.383

研究领域: Materials Science

27. AU: Zhang, SK ; Tian, SG; Li, GY ; Tian, N ; Jin, FW ; Yu, HC ; Lv, XX ; Wang, GY ; Li, DY

TI: Creep behavior and effect factors of a TiAl-Nb alloy at high temperature

SO:PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL

UT WOS:000669226300005

JCR 期刊分区:

PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL

impact factor

3.607 4.795

2020 5 年

JCR ® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	153/335	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 3.607

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

28. AU: Zhao, D ; Dai, M ; Liu, H ; Zhu, X ; Wu, X

TI:PPy film anchored on ZnCo2O4 nanowires facilitating efficient bifunctional electrocatalysis

SO:MATERIALS TODAY ENERGY

UT WOS:000663558700002

JCR 期刊分区:

MATERIALS TODAY ENERGY

impact factor

7.311 7.122

2020 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, PHYSICAL	34/162	Q1
ENERGY & FUELS	20/114	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	67/335	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 7.311

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

（三）电气工程学院（25 篇）

1. **AU:**Wang, X ; Lv, D ; Sun, L ; Wang, W ; Tu, XH ; Ma, ZH

TI: Magnetic behaviors of a ferrimagnetic decorated kagome-like lattice under an external magnetic field

SO:JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

UT WOS:000686138300007

JCR 期刊分区:

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

impact factor

2.993 2.836

2020 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	188/335	Q3
PHYSICS, CONDENSED MATTER	33/69	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:2.993

研究领域: Materials Science；Physics

2. **AU:**Du, JM ; Li, Y ; Yu, ZY ; Wang, ZC

TI: Research On Radial Electromagnetic Force and Vibration Response Characteristics of Squirrel-Cage Induction Motor Fed By PWM Inverter

SO:IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

UT WOS:000683991700001

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, YL ; Wang, ZZ ; Yang, JY ; Wang, X ; Feng, JW

TI: Dynamic Equivalence Modeling for Microgrid Cluster by Using Physical-Data-Driven Method

SO:IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY

UT WOS:000673624200028

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:**Zhou, Y ; Zeng, J ; Li, KR ; Hargrove, LJ ; Liu, HH

TI:sEMG-Driven Functional Electrical Stimulation Tuning via Muscle Force

SO:IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS

UT WOS:000670541800095

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

5. **AU:**Si, N ; Zhang, YL ; Jiang, W

TI: Magnetic and thermodynamic properties of monolayer graphdiyne-like

SO:COMPUTATIONAL MATERIALS SCIENCE

UT WOS:000681086800007

JCR 期刊分区:

COMPUTATIONAL MATERIALS SCIENCE

impact factor

3.3 3.222

2020 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	173/335	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.3

研究领域: Materials Science

6. **AU:**Chang, CL ; Wang, W ; Ma, H ; Huang, H ; Liu, JC ; Geng, RZ

TI: Monte Carlo study of the magnetic properties and magnetocaloric effect of an AFM/FM BiFeO3/Co bilayer

SO:COMMUNICATIONS IN THEORETICAL PHYSICS

UT WOS:000681459300001

JCR 期刊分区:

COMMUNICATIONS IN THEORETICAL PHYSICS

impact factor	
1.968	1.384
2020	5 年

JCR ® 类别	类别中的排序	JCR 分区
PHYSICS, MULTIDISCIPLINARY	45/85	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:1.968

研究领域: Physics

7. **AU:**Dai, R ; Zhang, Y ; Wang, TY ; Zhang, FG ; Gerada, C ; Zhang, Y

TI: Multi-objective optimisation of the HSPMM rotor based on the multi-physics surrogate model

SO:IET ELECTRIC POWER APPLICATIONS

UT WOS:000689689100001

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

8. **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

SO: JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY

UT WOS:000688379000001

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

9. **AU:**Liu, Y ; Xing, ZX ; Chen, Z ; Xu, J

TI: Data-based robust optimal control of discrete-time systems with uncertainties via adaptive dynamic programming

SO: OPTIMAL CONTROL APPLICATIONS & METHODS

UT WOS:000688217900001

JCR 期刊分区:

OPTIMAL CONTROL APPLICATIONS & METHODS

impact factor

2.53 2.241

2020 5年

JCR®类别	类别中的排序	JCR 分区
AUTOMATION & CONTROL SYSTEMS	34/63	Q3
MATHEMATICS, APPLIED	41/265	Q1
OPERATIONS RESEARCH & MANAGEMENT SCIENCE	40/84	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:2.53

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

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

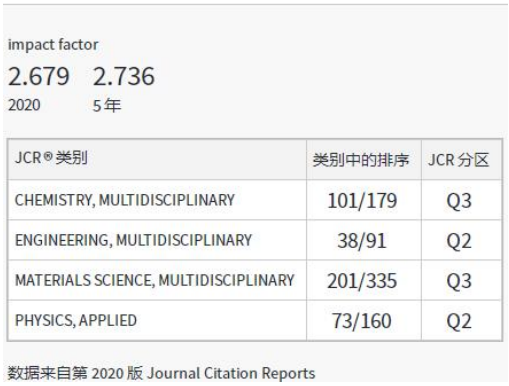
TI: Numerical Investigation on Dynamic Response Characteristics and Deformation Mechanism of a Bedded Rock Mass Slope Subject to Earthquake Excitation

SO: APPLIED SCIENCES-BASEL

UT WOS:000681967000001

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	101/179	Q3
ENGINEERING, MULTIDISCIPLINARY	38/91	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	201/335	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: Han, Y ; Wang, HS ; Cao, YD ; An, YJ ; Tan, GQ ; Li, SJ ; Liu, ZQ ; Zhang, ZF

TI: Mechanical and Electrical Properties of Cu-W Composites with Micro-Oriented Structures

SO: ACTA METALLURGICA SINICA

UT WOS:000671045500006

JCR 期刊分区:

ACTA METALLURGICA SINICA

impact factor

1.251 1.118

2020 5年

JCR®类别	类别中的排序	JCR分区
METALLURGY & METALLURGICAL ENGINEERING	53/80	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:1.251

研究领域: Metallurgy & Metallurgical Engineering

12. AU: Pang, ZY ; Cai, ZY

TI: Research on digital long-life time LED driver

SO: OPTIK

UT WOS:000663753900006

JCR 期刊分区:

OPTIK

impact factor

2.443 1.955

2020 5年

JCR®类别	类别中的排序	JCR分区
OPTICS	47/99	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:2.443

研究领域: Optics

13. **AU:**Gan, BP ; Zhang, BY ; Feng, GH

TI: Design and analysis of modular permanent magnet fault-tolerant motor for ship direct-drive propulsion

SO: IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING

UT WOS:000678838300001

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

14. **AU:**Shi, XL ; Lan, YP ; Sun, YP ; Lei, C

TI: A new reaching law for sliding mode observer of controllable excitation linear synchronous motor

SO: TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL

UT WOS:000682747500001

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

15. **AU:**Sun, P ; Teng, Y ; Leng, O ; Chen, Z

TI: Stability Control Method for Hybrid AC-DC Transmission Systems Considering Cross-region Multi-energy Coordination

SO: CSEE JOURNAL OF POWER AND ENERGY SYSTEMS

UT WOS:000679601800010

JCR 期刊分区:

CSEE JOURNAL OF POWER AND ENERGY SYSTEMS

impact factor

3.938 4.298

2020 5年

JCR® 类别	类别中的排序	JCR 分区
ENERGY & FUELS	57/114	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	62/273	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.938

研究领域: Energy & Fuels；Engineering

16. AU: Zhao, H ; Eldeeb, HH; Zhang, YL ; Zhang, DD ; Zhan, Y ; Xu, GR ; Mohammed, OA

TI: An Improved Core Loss Model of Ferromagnetic Materials Considering High-Frequency and Nonsinusoidal Supply

SO: IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS

UT WOS:000673633200098

JCR 期刊分区:

IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS

impact factor

3.654 3.753

2020 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	78/273	Q2
ENGINEERING, MULTIDISCIPLINARY	22/91	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.654

研究领域: Engineering

17. AU: Gan, BP ; Zhang, BY ; Li, QS ; Feng, GH

TI: Investigation into fault tolerant capability of new modular low-speed and high-torque direct-drive permanent magnet motor based on unequal span winding

SO: IET ELECTRIC POWER APPLICATIONS

UT WOS:000665020100001

JCR 期刊分区:

IET ELECTRIC POWER APPLICATIONS

2020 影响因子:2.568

研究领域: Engineering

18. **AU:**Jin, HY ; Teng, Y ; Zhang, TY ; Wang, ZD ; Deng, BF

TI: A locational Marginal Price-Based Partition Optimal Economic Dispatch Model of Multi-Energy Systems

SO: FRONTIERS IN ENERGY RESEARCH

UT WOS:000667670500001

JCR 期刊分区:

FRONTIERS IN ENERGY RESEARCH

2020 影响因子:4.008

研究领域: Energy & Fuels

19. **AU:**Yan, HK ; Lin, X ; Xu, JY

TI: Development and Fault Prediction of a New Operating Mechanism of HTPPM

SO: MATHEMATICAL PROBLEMS IN ENGINEERING

UT WOS:000663308300010

JCR 期刊分区:

MATHEMATICAL PROBLEMS IN ENGINEERING

2020 影响因子:1.305

研究领域: Engineering；Mathematics

20．AU: Zhang, BY ; He, GF ; Feng, GH

TI: Research on Output Waveform of Generator with Rectifier Load considering Commutation Overlap Angle

SO: MATHEMATICAL PROBLEMS IN ENGINEERING

UT WOS:000663308300013

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	67/91	Q3
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

21．AU: Li, KR ; Zhou, Y ; Zhou, DL ; Zeng, J ; Fang, YF ; Yang, JY ;Liu,HH

TI: Electrotactile Feedback-Based Muscle Fatigue Alleviation for Hand Manipulation

SO: INTERNATIONAL JOURNAL OF HUMANOID ROBOTICS

UT WOS:000681334800004

JCR 期刊分区:

INTERNATIONAL JOURNAL OF HUMANOID ROBOTICS

impact factor

1.616 1.349

2020 5年

JCR® 类别	类别中的排序	JCR 分区
ROBOTICS	25/28	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:1.616

研究领域: Robotics

22．AU: Wang, C ; Xu, JY ; Bai, EM ; Wang, L ; Jing, LT

TI: Wind/Thermal Power Combined Frequency Control Strategy Based on Virtual Weight Coefficient

SO: INTEGRATED FERROELECTRICS

UT WOS:000665627900012

JCR 期刊分区:

INTEGRATED FERROELECTRICS

impact factor

0.836 0.787

2020 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	247/273	Q4
PHYSICS, APPLIED	149/160	Q4
PHYSICS, CONDENSED MATTER	66/69	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:0.836

研究领域: Engineering； Physics

23．AU: Zhang, ZF ; Sun, QZ ; Di, QS ; Wu, Y

TI: A Predictive Torque Control Method for Dual Three-Phase Permanent Magnet Synchronous Motor Without Weighting Factor

SO: IEEE ACCESS

UT WOS:000688226900001

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	65/162	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

24．AU: Wu, Y ; Zhang, ZF ; Li, Y ; Sun, QZ

TI: Open-Circuit Fault Diagnosis of Six-Phase Permanent Magnet Synchronous Motor Drive System Based on Empirical Mode Decomposition Energy Entropy

SO:IEEE ACCESS

UT WOS:000673639200001

JCR 期刊分区:

IEEE ACCESS

2020 影响因子:3.367

研究领域: Computer Science； Engineering； Telecommunications

25. AU: Li, M ; An, YJ ; Zhang, ZH ; Deng, WY ; Wang, GY; Qi, LJ ; Kong, XL ; Bi, DL ; Shi, Y ; Zhu, S

TI: Effect of time harmonic current considering load condition on performance of canned induction motor

SO:INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS

UT WOS:000670665700001

JCR 期刊分区:

INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS

2020 影响因子:0.706

研究领域: Engineering； Mechanics； Physics

（四）信息科学与工程学院（7 篇）

1. AU: Li, M ; Shi, HY ; Jin, XS ; Wang, L ; Liu, X ; Wu, ML

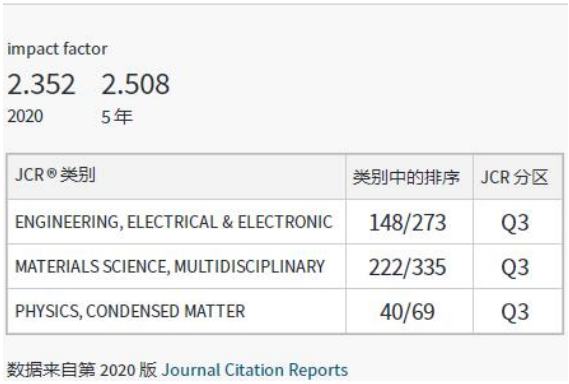
TI: Research on the oxygen and humidity related-electrical behavior of monolayer MoS2 under vacuum to normal pressures

SO:SEMICONDUCTOR SCIENCE AND TECHNOLOGY

UT WOS:000676027200001

JCR 期刊分区:

SEMICONDUCTOR SCIENCE AND TECHNOLOGY



impact factor

2.352 2.508

2020 5年

JCR®类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	148/273	Q3
MATERIALS SCIENCE, MULTIDISCIPLINARY	222/335	Q3
PHYSICS, CONDENSED MATTER	40/69	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:2.352

研究领域: Engineering；Materials Science；Physics

2. **AU:**Liu, Z ; Luo, CY ; Zheng, ZY ; Li, Y ; Fu, DZ ; Yu, XZ ; Zhao, JW

TI:TCMNER and PubMed: A Novel Chinese Character-Level-Based Model and a Dataset for TCM Named Entity Recognition

SO:JOURNAL OF HEALTHCARE ENGINEERING

UT WOS:000687452300001

JCR 期刊分区:

JOURNAL OF HEALTHCARE ENGINEERING

impact factor

2.682 3.188

2020 5年

JCR®类别	类别中的排序	JCR 分区
HEALTH CARE SCIENCES & SERVICES	53/108	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:2.682

研究领域: Health Care Sciences & Services

3. **AU:**Hong, YQ ; Li, G ; Liu, ZY

TI: Optical adaptive power transmission using APC-EDFA for turbulence-tolerant FSO communications

SO:OPTICS EXPRESS

UT WOS:000674671200077

JCR 期刊分区:

OPTICS EXPRESS

impact factor

3.894 3.701

2020 5年

JCR®类别	类别中的排序	JCR分区
OPTICS	20/99	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.894

研究领域: Optics

4. **AU:**Peng, XT ; Ota, K ; Dong, MAX ; Zhou, H

TI: Online Resource Auction for EAVN With Non-Price Attributes

SO:IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY

UT WOS:000675210000068

JCR 期刊分区:

IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY

impact factor

5.978 5.429

2020 5年

JCR®类别	类别中的排序	JCR分区
ENGINEERING, ELECTRICAL & ELECTRONIC	32/273	Q1
TELECOMMUNICATIONS	15/91	Q1
TRANSPORTATION SCIENCE & TECHNOLOGY	7/38	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:5.978

研究领域: Engineering；Telecommunications；Transportation

5. **AU:**Yang, JY ; Li, XD ; Li, F ; Wang, WX ; Li, ZJ ; Li, GC ; Xie, HL

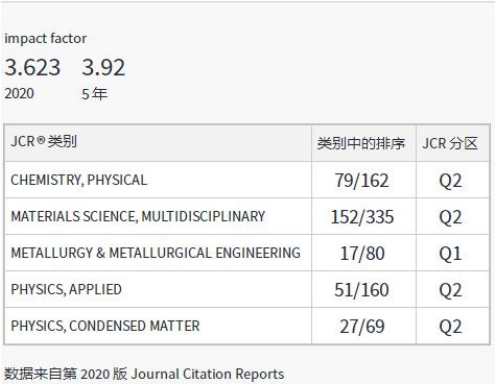
TI: Effect of Cooling Method on Formability of Laser Cladding IN718 Alloy

SO:MATERIALS

UT WOS:000671205700001

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	152/335	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

6. **AU:**Liu, B ; Feng, G ; He, LY ; Luo, N ; Ren, J ; Yang, LJ

TI: Quantitative Study of MMM Signal Features for Internal Weld Crack Detection in Long-Distance Oil and Gas Pipelines

SO:IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT

UT WOS:000688303200009

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

7. **AU:**Zhang, Y ; Xu, WJ ; Liu, GJ ; Zhang, ZY ; Zhu, JL ; Li, M

TI: Bandgap prediction of two-dimensional materials using machine learning

SO:PLOS ONE

UT WOS:000684737400057

JCR 期刊分区:

PLOS ONE

impact factor

3.24 3.788

2020 5年

JCR®类别	类别中的排序	JCR分区
MULTIDISCIPLINARY SCIENCES	26/73	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子: 3.24

研究领域: Science & Technology - Other Topics

（五）管理学院（3 篇）

1. **AU:**Yu, YY ; Li, CD ; Yang, WM ; Xu, W

TI: Determining the critical factors of air-conditioning innovation using an integrated model of fuzzy Kano-QFD during the COVID-19 pandemic: The perspective of air purification

SO:PLOS ONE

UT WOS:000685225200015

JCR 期刊分区:

PLOS ONE

impact factor

3.24 3.788

2020 5年

JCR®类别	类别中的排序	JCR分区
MULTIDISCIPLINARY SCIENCES	26/73	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.24

研究领域: Science & Technology - Other Topics

2. **AU:**Hao, Y ; Guo, MS

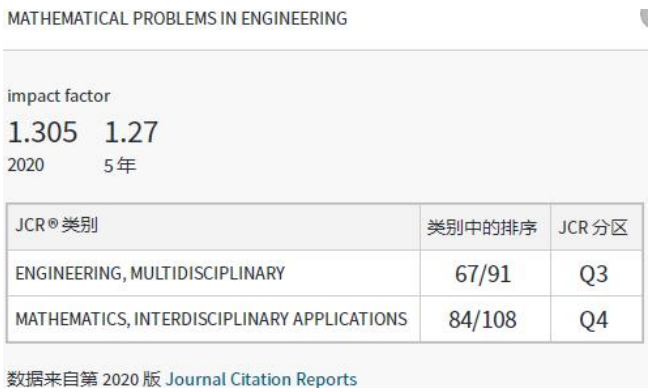
TI: Parameter Estimation of the Lotka-Volterra Model with Fractional Order Based on the Modulation Function and Its Application

SO:MATHEMATICAL PROBLEMS IN ENGINEERING

UT WOS:000680420000006

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	67/91	Q3
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

3. **AU:**He, DY ; Zou, H ; Wang, HJ ; Sun, J

TI: Parasitism or Symbiosis? A Selection of R&D Strategy From the Perspective of Responsibility Paradox

SO:IEEE ACCESS

UT WOS:000673703500001

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	65/162	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:**Wang, X ; Lv, D ; Sun, L ; Wang, W ; Tu, XH ; Ma, ZH

TI: Magnetic behaviors of a ferrimagnetic decorated kagome-like lattice under an external magnetic field

SO:JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

UT WOS:000686138300007

JCR 期刊分区:

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

impact factor

2.993 2.836

2020 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	188/335	Q3
PHYSICS, CONDENSED MATTER	33/69	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:2.993

研究领域: Materials Science； Physics

2. **AU:**Dong, TH ; Zhang, XD ; Yang, LM ; Wang, F

TI: Investigation of the structural stability, mechanical, and thermodynamic properties of Hf5BSi3 silicide with vacancies defects

SO:VACUUM

UT WOS:000681240100007

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	151/335	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

3. **AU:**Chang, CL ; Wang, W ; Ma, H ; Huang, H ; Liu, JC ; Geng, RZ

TI: Monte Carlo study of the magnetic properties and magnetocaloric effect of an AFM/FM BiFeO3/Co bilayer

SO:COMMUNICATIONS IN THEORETICAL PHYSICS

UT WOS:000681459300001

JCR期刊分区:

COMMUNICATIONS IN THEORETICAL PHYSICS

impact factor

1.968 1.384

2020 5年

JCR®类别	类别中的排序	JCR分区
PHYSICS, MULTIDISCIPLINARY	45/85	Q3

数据来自第2020版 Journal Citation Reports

2020影响因子:1.968

研究领域: Physics

4. **AU:**Ma, H ; Zhang, XD ; Wang, F

TI: First-principles study of the lattice vibration, elastic anisotropy and thermodynamical properties of Tantalum Silicide with the different crystal structures

SO:VACUUM

UT WOS:000681220400004

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	151/335	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:**Wang, SY ; Lv, D ; Liu, ZY ; Wang, W ; Bao, J ; Huang, H

TI: Thermodynamic properties and hysteresis loops in a hexagonal core-shell nanoparticle

SO:JOURNAL OF MOLECULAR GRAPHICS & MODELLING

UT WOS:000679356300005

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	48/77	Q3
BIOCHEMISTRY & MOLECULAR BIOLOGY	224/298	Q4
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	64/112	Q3
CRYSTALLOGRAPHY	10/26	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

6. **AU:**Hu, XL ; Shi, Y ; Wang, Y ; Liu, LZ ; Ren, Y ; Wang, YX

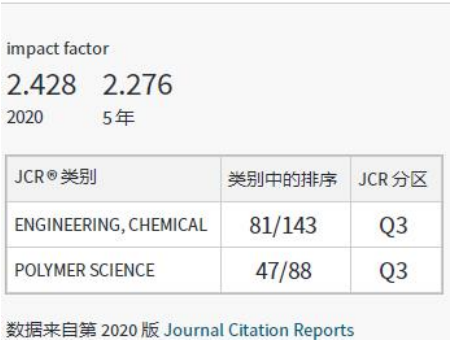
TI: Crystallization, structure, morphology, and properties of linear low-density polyethylene blends made with different comonomers

SO:POLYMER ENGINEERING AND SCIENCE

UT WOS:000683888300001

JCR 期刊分区:

POLYMER ENGINEERING AND SCIENCE



2020 影响因子:2.428

研究领域: Engineering；Polymer Science

7. **AU:**Li, JW ; Zhang, Y ; Jin, ZH

TI: The Approximation of the Nonlinear Singular System with Impulses and Sliding Mode Control via a Singular Polynomial Fuzzy Model Approach

SO:SYMMETRY-BASEL

UT WOS:000689955800001

JCR 期刊分区:

SYMMETRY-BASEL

2020 影响因子:2.713

研究领域: Science & Technology - Other Topics

8. **AU:**Madani, RM ; Liang, JY ; Cui, L ; Zhang, DD ; Otitoju, TA ; Elsalahi, RH ; Song, XX

TI: Novel simultaneous anaerobic ammonium and sulfate removal process: A review

SO:ENVIRONMENTAL TECHNOLOGY & INNOVATION

UT WOS:000685010500005

JCR 期刊分区:

ENVIRONMENTAL TECHNOLOGY & INNOVATION

impact factor

5.263 5.116

2020 5年

JCR® 类别	类别中的排序	JCR 分区
BIOTECHNOLOGY & APPLIED MICROBIOLOGY	31/159	Q1
ENGINEERING, ENVIRONMENTAL	18/54	Q2
ENVIRONMENTAL SCIENCES	64/274	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:5.263

研究领域: Biotechnology & Applied Microbiology；Engineering；Environmental Sciences & Ecology

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

TI: Sliding-Mode Control for Fuzzy Stochastic Systems With Different Local-Input Matrices

SO:IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS

UT WOS:000673624500014

JCR 期刊分区:

IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS

impact factor

13.451 10.969

2020 5年

JCR® 类别	类别中的排序	JCR 分区
AUTOMATION & CONTROL SYSTEMS	1/63	Q1
COMPUTER SCIENCE, CYBERNETICS	1/23	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:13.451

研究领域: Automation & Control Systems；Computer Science

10. **AU:**Dong, XX ; Zhang, X; Sun, T

TI: Event-triggered control of a class of cascade switched nonlinear systems

SO: NONLINEAR DYNAMICS

UT WOS:000670200100006

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	16/135	Q1
MECHANICS	16/136	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:5.022

研究领域: Engineering；Mechanics

11. AU: Wang, YY ; Zhang, JY ; Zhang, HG ; Sun, JY

TI:A New Stochastic Sliding-Mode Design for Descriptor Fuzzy Systems With Time-Varying Delay

SO: IEEE TRANSACTIONS ON CYBERNETICS

UT WOS:000665001500038

JCR 期刊分区:

IEEE TRANSACTIONS ON CYBERNETICS

impact factor

11.448 11.507

2020 5年

JCR® 类别	类别中的排序	JCR 分区
AUTOMATION & CONTROL SYSTEMS	2/63	Q1
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	6/140	Q1
COMPUTER SCIENCE, CYBERNETICS	2/23	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:11.448

研究领域: Automation & Control Systems；Computer Science

12. AU: Hu, JS ; Sui, YY ; Ma, F

TI:A Portfolio Selection Model Based on the Interval Number

SO: MATHEMATICAL PROBLEMS IN ENGINEERING

UT WOS:000664204200008

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	67/91	Q3
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

13. AU: Song, Y ; Zhang, Y ; Yang, S ; Li, N

TI: Investigation on stability and controller design for singular bio-economic systems with stochastic fluctuations

SO: MATHEMATICAL BIOSCIENCES AND ENGINEERING

UT WOS:000669503800028

JCR 期刊分区:

MATHEMATICAL BIOSCIENCES AND ENGINEERING

2020 影响因子:2.08

研究领域: Mathematical & Computational Biology

（七）建筑与土木工程学院（4 篇）

1. **AU:** Wang, D ; Yang, L ; Cao, JA

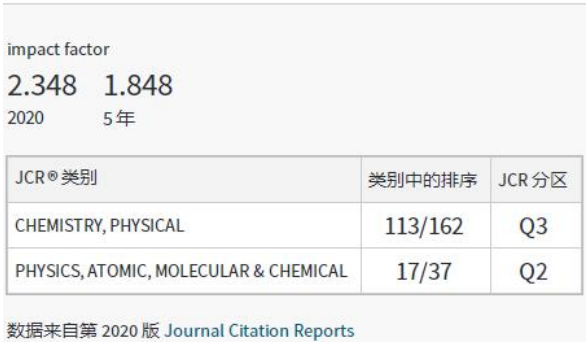
TI: YYYY Thermal properties of monolayer MoS2 and WS2/MoS2 heterojunction under three strain states

SO: CHEMICAL PHYSICS

UT WOS:000675897100007

JCR 期刊分区:

CHEMICAL PHYSICS



2020 影响因子:2.348

研究领域: Chemistry； Physics

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

TI: Density functional theory study on the electronic structure and optical properties of Li absorbed borophene

SO: MOLECULAR PHYSICS

UT WOS:000684729700001

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

3. **AU:** Wang, JX ; Sun, J ; Kou, HJ ; Lin, YX

TI: Multiparameter Inversion Early Warning System of Tunnel Stress-Seepage Coupling Based on IA-BP Algorithm

SO: ADVANCES IN CIVIL ENGINEERING

UT WOS:000683352300002

JCR 期刊分区:

ADVANCES IN CIVIL ENGINEERING

impact factor

1.924 1.923

2020 5年

JCR® 类别	类别中的排序	JCR 分区
CONSTRUCTION & BUILDING TECHNOLOGY	43/66	Q3
ENGINEERING, CIVIL	91/136	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:1.924

研究领域: Construction & Building Technology； Engineering

4. **AU:** Yu, FA ; Zhou, B ; Xin, W ; Zhang, XY

TI: Fatigue life prediction for the main spar with wrinkle defects of a wind turbine blade

SO: FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES

UT WOS:000670466500001

JCR 期刊分区:

FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES

impact factor

3.459 3.062

2020 5 年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, MECHANICAL	37/135	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	160/335	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.459

研究领域: Engineering；Materials Science

（八）软件学院（2 篇）

1. **AU:**Zhang, DF ; Song, KC ; Wang, Q ; He, Y ; Wen, X ; Yan, YH

TI: Two Deep Learning Networks for Rail Surface Defect Inspection of Limited Samples With Line-Level Label

SO:IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS

UT WOS:000673414500017

JCR 期刊分区:

IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS

impact factor

10.215 9.768

2020 5年

JCR® 类别	类别中的排序	JCR 分区
AUTOMATION & CONTROL SYSTEMS	4/63	Q1
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	3/112	Q1
ENGINEERING, INDUSTRIAL	1/49	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:10.215

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

2. **AU:**Wen, X ; Wang, JP ; Zhang, GY ; Niu, LQ

TI: Three-Dimensional Morphology and Size Measurement of High-Temperature Metal Components Based on Machine Vision Technology: A Review

SO:SENSORS

UT WOS:000677147700001

JCR 期刊分区:

SENSORS

impact factor

3.576 3.735

2020 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, ANALYTICAL	26/83	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	82/273	Q2
INSTRUMENTS & INSTRUMENTATION	14/64	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.576

研究领域: Chemistry；Engineering；Instruments & Instrumentation

（九）人工智能学院（3 篇）

1. **AU:**Tian, ZD ; Chen, H
TI: Multi-step short-term wind speed prediction based on integrated multi-model fusion
SO:APPLIED ENERGY
UT WOS:000675856500004
JCR 期刊分区:

APPLIED ENERGY

impact factor
9.746 9.953
2020 5年

JCR® 类别	类别中的排序	JCR 分区
ENERGY & FUELS	9/114	Q1
ENGINEERING, CHEMICAL	6/143	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:9.746
研究领域: Energy & Fuels；Engineering

2. **AU:**Tian, ZD
TI: Analysis and research on chaotic dynamics behaviour of wind power time series at different time scales
SO:JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING
UT WOS:000664841400001
JCR 期刊分区:

JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING

impact factor
7.104 6.163
2020 5年

JCR® 类别	类别中的排序	JCR 分区
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	21/140	Q1
COMPUTER SCIENCE, INFORMATION SYSTEMS	16/162	Q1
TELECOMMUNICATIONS	9/91	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:7.104
研究领域: Computer Science； Telecommunications

3. **AU:**Tian, ZD; Wang, YH
TI: Predictive control compensation for networked control system with time-delay

SO:PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART I-JOURNAL OF SYSTEMS AND CONTROL ENGINEERING

UT WOS:000680627900001

JCR 期刊分区:

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART I-JOURNAL OF SYSTEMS AND CONTROL ENGINEERING

impact factor

1.714	1.443
2020	5年

JCR®类别	类别中的排序	JCR分区
AUTOMATION & CONTROL SYSTEMS	41/63	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:1.714

研究领域: Automation & Control Systems

（十）环境化学与工程学院（11 篇）

1. **AU:**Li, JX ; Holze, R ; Moyo, S ; Wang, S ; Li, SX ; Tang, T ; Chen, XC

TI: Three-dimensional hierarchical porous carbon derived from natural resources for highly efficient treatment of polluted water

SO:ENVIRONMENTAL SCIENCES EUROPE

UT WOS:000687166600002

JCR 期刊分区:

ENVIRONMENTAL SCIENCES EUROPE

impact factor

5.893	6.664
2020	5年

JCR®类别	类别中的排序	JCR分区
ENVIRONMENTAL SCIENCES	48/274	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:5.893

研究领域: Environmental Sciences & Ecology

2. **AU:**Wang, X ; Lv, D ; Sun, L ; Wang, W ; Tu, XH ; Ma, ZH

TI: Magnetic behaviors of a ferrimagnetic decorated kagome-like lattice under an external magnetic field

SO:JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

UT WOS:000686138300007

JCR 期刊分区:

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

impact factor

2.993 2.836

2020 5年

JCR® 类别	类别中的排序	JCR 分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	188/335	Q3
PHYSICS, CONDENSED MATTER	33/69	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:2.993

研究领域: Materials Science； Physics

3. **AU:**Huang, PB ; Tian, LY ; Zhang, YH ; Shi, FN

TI: Facile synthesis of polymetallic Li-MOFs and their synergistic mechanism of lithium storage

SO:INORGANICA CHIMICA ACTA

UT WOS:000675727400006

JCR 期刊分区:

INORGANICA CHIMICA ACTA

impact factor

2.545 2.235

2020 5 年

JCR ® 类别	类别中的排序	JCR 分区
CHEMISTRY, INORGANIC & NUCLEAR	19/45	Q2

数据来自第2020 版 Journal Citation Reports

2020 影响因子:2.545

研究领域: Chemistry

4. **AU:**Si, N ; Zhang, YL ; Jiang, W

TI: Magnetic and thermodynamic properties of monolayer graphdiyne-like

SO:COMPUTATIONAL MATERIALS SCIENCE

UT WOS:000681086800007

JCR 期刊分区:

COMPUTATIONAL MATERIALS SCIENCE

impact factor

3.3 3.222

2020 5年

JCR®类别	类别中的排序	JCR分区
MATERIALS SCIENCE, MULTIDISCIPLINARY	173/335	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.3

研究领域: Materials Science

5. **AU:**Wang, SY ; Lv, D ; Liu, ZY ; Wang, W ; Bao, J ; Huang, H

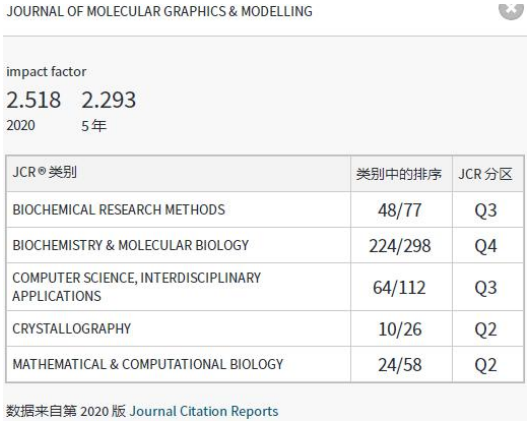
TI: Thermodynamic properties and hysteresis loops in a hexagonal core-shell nanoparticle

SO:JOURNAL OF MOLECULAR GRAPHICS & MODELLING

UT WOS:000679356300005

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	48/77	Q3
BIOCHEMISTRY & MOLECULAR BIOLOGY	224/298	Q4
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	64/112	Q3
CRYSTALLOGRAPHY	10/26	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

6. **AU:** Wei, ZY ; Cong, YB ; Ma, XH ; Li, ZL ; Liu, X ; Cheng, CS ; Li, SX

TI: Characterization and fungicidal activities of four solid crystallizations of epoxiconazole

SO: ENVIRONMENTAL TECHNOLOGY & INNOVATION

UT WOS: 000685036700010

JCR 期刊分区:

ENVIRONMENTAL TECHNOLOGY & INNOVATION

impact factor

5.263 5.116

2020 5年

JCR® 类别	类别中的排序	JCR 分区
BIOTECHNOLOGY & APPLIED MICROBIOLOGY	31/159	Q1
ENGINEERING, ENVIRONMENTAL	18/54	Q2
ENVIRONMENTAL SCIENCES	64/274	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:5.263

研究领域: Biotechnology & Applied Microbiology；Engineering；Environmental Sciences & Ecology

7. **AU:** Zhao, J ; Zhang, LN ; Lei, YQ ; Pan, JCA ; Guo, PR

TI: Determination of Trace Total Mercury in Water by Headspace Solid Phase Microextraction and Electropyrolytic Zeeman Atomic Absorption Spectrometry

SO: CHINESE JOURNAL OF ANALYTICAL CHEMISTRY

UT WOS: 000684146800019

JCR 期刊分区:

CHINESE JOURNAL OF ANALYTICAL CHEMISTRY

impact factor

1.134 0.909

2020 5年

JCR® 类别	类别中的排序	JCR 分区
CHEMISTRY, ANALYTICAL	77/83	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:1.134

研究领域: Chemistry

8. **AU:** Li, SY ; Zhang, L ; Zhang, LX ; Guo, YQ ; Chen, XC ; Holze, R ; Tang, T

TI: Preparation of Fe3O4@polypyrrole composite materials for asymmetric supercapacitor applications

SO: NEW JOURNAL OF CHEMISTRY

UT WOS: 000684328600001

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	75/179	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.591

研究领域: Chemistry

9. **AU:** Wang, XL ; Shi, GM ; Guan, YY ; Zhang, YJ ; Li, D

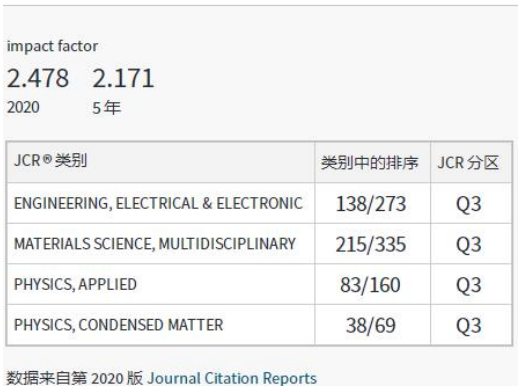
TI: A facile synthesis of core-shell Fe3O4@C(N) composites and their microwave absorption properties

SO: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

UT WOS: 000665677600005

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	215/335	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

10. **AU:** Duan, YF ; Tian, LY ; Sun, PP ; Shi, FNA

TI: Hydrothermal synthesis of copper powder with varied morphologies via copper(II) reduction with multidentate H(4)Pmida ligand and its application for Cu-Ni foam electrode for supercapacitors

SO: INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE

UT WOS: 000661490000014

JCR 期刊分区:

INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE

impact factor

1.765 1.685

2020 5年

JCR®类别	类别中的排序	JCR 分区
ELECTROCHEMISTRY	24/29	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:1.765

研究领域: Electrochemistry

11. AU: Zhang, YX ; Song, XX ; Cui, L

TI: Uniform SnO2 Hexagonal Prisms with Enhanced Photocatalytic Performance

SO: JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS

UT WOS: 000690434300005

JCR 期刊分区:

JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS

impact factor

0.961 0.725

2020 5年

JCR®类别	类别中的排序	JCR 分区
ENGINEERING, ELECTRICAL & ELECTRONIC	241/273	Q4
NANOSCIENCE & NANOTECHNOLOGY	105/107	Q4
PHYSICS, APPLIED	146/160	Q4

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:0.961

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

（十一）石油化工学院（5 篇）

1. AU: Wang, H ; Zheng, WJ ; Yang, XC ; Ning, MJ ; Li, XC ; Xi, Y ; Yan, XM ; Zhang, X ; Dai, Y ; Liu, HJ ; He, GH

TI: Pebax-based mixed matrix membranes derived from microporous carbon nanospheres for permeable and selective CO2 separation

SO:SEPARATION AND PURIFICATION TECHNOLOGY

UT WOS:000668938300002

JCR 期刊分区:

SEPARATION AND PURIFICATION TECHNOLOGY

2020 影响因子:7.312

研究领域: Engineering

2. **AU:**Zhang, Y ; Yu, Q

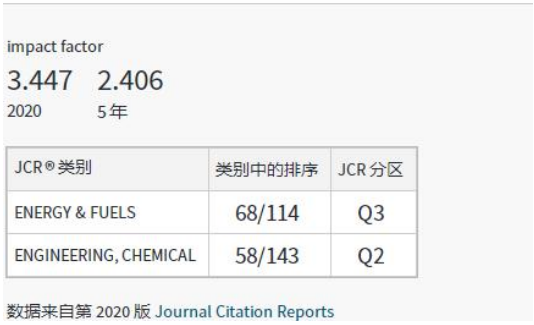
TI: Effect of acidic conditions on electrochemical desulfurization of clean coal

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

UT WOS:000685766600001

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

3. **AU:**Wang, B ; Cai, ZQ ; Shi, XY ; Li, X ; Li, S ; Li, JX

TI: Synthesis, Crystal Structure and Anticancer Activity of Substituted Quinazoline Derivatives

SO:JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN

UT WOS:000686223100009

JCR 期刊分区:

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN

2020 影响因子:0.536

研究领域: Chemistry

4. **AU:**Zhang, SX ; Zheng, YF ; Wu, YH ; Zhang, B

TI: Fabrication of Pebax/SAPO mixed matrix membranes for CO2/N-2 separation

SO:JOURNAL OF APPLIED POLYMER SCIENCE

UT WOS:000668638500001

JCR 期刊分区:

JOURNAL OF APPLIED POLYMER SCIENCE

2020 影响因子:3.125

研究领域: Polymer Science

5. **AU:**Shi, KY ; Guo, LY ; Zheng, RR ; Wang, HY ; Chen, YM

TI: Preparation of Diacid Comprising Ionic Liquid Catalyst and Its Application in Catalytic Degradation of PET

SO:CATALYSIS LETTERS

UT WOS:000668057700001

JCR 期刊分区:

CATALYSIS LETTERS

2020 影响因子:3.186
研究领域: Chemistry

（十二）其他：未注明学院（5 篇）

1. **AU:**Liu, HJ ; Shi, YK ; Fang, ZM ; Liu, JF ; Zhang, LW ; Tong, RC
TI: Seepage characteristics of thermally and chemically treated Mesozoic granite from geothermal region of Liaodong Peninsula
SO:ENVIRONMENTAL EARTH SCIENCES
UT WOS:000687680000010
JCR 期刊分区:

ENVIRONMENTAL EARTH SCIENCES

impact factor
2.784 2.867
2020 5年

JCR® 类别	类别中的排序	JCR 分区
ENVIRONMENTAL SCIENCES	157/274	Q3
GEOSCIENCES, MULTIDISCIPLINARY	95/199	Q2
WATER RESOURCES	47/98	Q2

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:2.784
研究领域: Environmental Sciences & Ecology；Geology；Water Resources

2. **AU:**Pan, WD ; Chen, X ; Wang, XF
TI: Generalized Design Method of the Three-Phase Y-Connected Wound Rotor for Both Additive Modulation and Differential Modulation Brushless Doubly Fed Machines
SO:IEEE TRANSACTIONS ON ENERGY CONVERSION
UT WOS:000681269600037
JCR 期刊分区:

IEEE TRANSACTIONS ON ENERGY CONVERSION

impact factor
4.312 4.955
2020 5年

JCR® 类别	类别中的排序	JCR 分区
ENERGY & FUELS	49/114	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC	55/273	Q1

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:4.312
研究领域: Energy & Fuels；Engineering

3. **AU:**Duan, WP ; Han, JT ; Xia, QN ; Wang, KQ ; Wu, MP ; Song, DL

TI: Investigation on the relationship between bending angle of the overhanging surface and overhanging surface quality printed using selective laser melting

SO:RAPID PROTOTYPING JOURNAL

UT WOS:000683773100001

JCR 期刊分区:

RAPID PROTOTYPING JOURNAL

impact factor

3.095 4.401

2020 5年

JCR® 类别	类别中的排序	JCR 分区
ENGINEERING, MECHANICAL	46/135	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	181/335	Q3

数据来自第 2020 版 Journal Citation Reports

2020 影响因子:3.095

研究领域: Materials Science；Engineering

4. **AU:**Li, D ; Zhang, LB ; Gao, WC ; Meng, J ; Guan, YY ; Liang, JY ; Shen, XJ

TI: Electrochemical degradation of chloramphenicol using Ti-based SnO2-Sb-Ni electrode

SO:WATER SCIENCE AND TECHNOLOGY

UT WOS:000663009400001

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

5. **AU:**Li, CS ; Sohrabpour, A ; Jiang, HT ; He, B

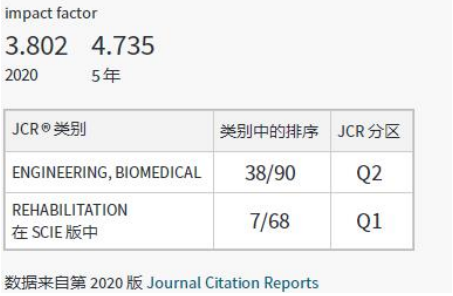
TI: High-Frequency Hubs of the Ictal Cross-Frequency Coupling Network Predict Surgical Outcome in Epilepsy Patients

SO:IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING

UT WOS:000673474500006

JCR 期刊分区:

IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING



2020 影响因子:3.802

研究领域: Engineering；Rehabilitation

二、2021 年第三季度 CPCI-S、CPCI-SSH 收录各学院论文情况

由于版面有限，每篇论文按如下信息项编制：

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

（一）机械工程学院（4 篇）

1. **AU:**Sun, F ; Liu, JC ; Jin, JJ ; Xu, FC ; Li, Q ; Zhao, HN ; Tong, L ; Zhang, M ; Zhao, CA ; Zhang, XY

TI: Active Disturbance Rejection Control Algorithm of Permanent Magnetic Suspension System

SO:2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

UT WOS:000678996900012

2. **AU:**Guo, H ; Chen, C ; Sun, F ; Xu, FC ; Li, Q ; Jin, JJ ; Zhang, M ; Tong, L ; Zhang, XY

TI: Fuzzy PID Control Method of Permanent Magnetic Levitation Vehicle

SO:2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

UT WOS:000678996900013

3. **AU:**Zhang, XY ; Feng, S ; Sun, F ; Zhao, C ; Zhao, HN ; Xu, FC ; Li, Q ; Jin, JJ ; Guo, H ; Zhang, M

TI: Energy-saving Control Method of Permanent Magnetic Suspension System

SO:2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

UT WOS:000678996900014

4. **AU:**Sun, F ; Zhang, CG ; Xu, FC ; Zhao, HN ; Li, Q ; Zhang, M; Guo, H; Jin, JJ ; Zhang, XY

TI: Intelligent Detection Method for Offline Dynamic Balance of Flexible Rotor

SO:2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

UT WOS:000678996900032

（二）电气工程学院（13 篇）

1. **AU:**Wei, L ; Chen, Z
   TI: Cooperative optimal scheduling of multi energy system considering flexible load
   SO:2021 13TH INTERNATIONAL CONFERENCE ON MEASURING TECHNOLOGY AND MECHATRONICS AUTOMATION (ICMTMA 2021)
   UT WOS:000672818900037
2. **AU:**Gu, X ; Chen, Z
   TI: Multi-time-scale scheduling optimization of regional multi-energy systems considering source-load uncertainty
   SO:2021 13TH INTERNATIONAL CONFERENCE ON MEASURING TECHNOLOGY AND MECHATRONICS AUTOMATION (ICMTMA 2021)
   UT WOS:000672818900043
3. **AU:**Tian, LBA ; Chen, Z
   TI: Optimal operation model of multi-energy microgrid considering a large number of EVs
   SO:2021 13TH INTERNATIONAL CONFERENCE ON MEASURING TECHNOLOGY AND MECHATRONICS AUTOMATION (ICMTMA 2021)
   UT WOS:000672818900046
4. **AU:**Sun, YY ; Teng, Y ; Yang, SJ
   TI: Optimization model of Multi-energy system based on multi-source energy storage
   SO:2021 13TH INTERNATIONAL CONFERENCE ON MEASURING TECHNOLOGY AND MECHATRONICS AUTOMATION (ICMTMA 2021)
   UT WOS:000672818900047
5. **AU:**Zhu, XX ; Zhang, TY
   TI: Research on Optimal Allocation of Capacity of Island Multi-energy System
   SO:2021 13TH INTERNATIONAL CONFERENCE ON MEASURING TECHNOLOGY AND MECHATRONICS AUTOMATION (ICMTMA 2021)
   UT WOS:000672818900051
6. **AU:**Yuan, P ; Teng, Y
   TI: Study on optimization of gas-electric coordinated operation of energy hub considering cost
   SO:2021 13TH INTERNATIONAL CONFERENCE ON MEASURING TECHNOLOGY AND MECHATRONICS AUTOMATION (ICMTMA 2021)
   UT WOS:000672818900054
7. **AU:**Zhang, ZY ; Zong, M
   TI: Research on Full Range Selective Protection Method of Circuit Breaker Based on Hierarchical Controller
   SO:2021 13TH INTERNATIONAL CONFERENCE ON MEASURING TECHNOLOGY AND MECHATRONICS AUTOMATION (ICMTMA 2021)
   UT WOS:000672818900062
8. **AU:**Xu, JR ; Liu, YM
   TI: Voltage Flicker Mitigation Strategy Based on Individual Pitch Control of Wind Turbine
   SO:2021 13TH INTERNATIONAL CONFERENCE ON MEASURING TECHNOLOGY AND MECHATRONICS AUTOMATION (ICMTMA 2021)
   UT WOS:000672818900097

9. **AU:**Gu, L ; Sun, BQ ; Liu, LW ; Li, Y ; Zhang, QH; Yang, JY

TI: Research and verification of a new relaxation technology based on virtual reality for human psychological security and psychosomatic recovery

SO:2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

UT WOS:000678996900008

10. **AU:**You, CH ; Wang, YN ; Yang, JY

TI: Q-learning-based excretion assistance robot improves the sitting conditions of users

SO:2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

UT WOS:000678996900021

11. **AU:**Bai, DC ; Liu, T ; Han, XH ; Chen, G ; Jiang, YL ; Hiroshi, Y

TI: Multi-Channel sEMG Signal Gesture Recognition Based on Improved CNN-LSTM Hybrid Models

SO:2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

UT WOS:000678996900026

12. **AU:**Zhao, DH ; Zhang, TQ ; Yang, JY ; Wang, SY ; Yokoi, H

TI: A Novel Safety Evaluation Approach of Transfer Interaction based on Optimal Feature-Combination for LDA Classification of Functional Near-Infrared Spectroscopy Signals

SO:2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

UT WOS:000678996900040

13. **AU:**Wang, YN ; Xu, ZC ; Zhao, HC ; Yang, JY ; Wang, SY

TI: M-region Segmentation of Pharyngeal Swab Image Based on Improved U-Net Model

SO:2021 IEEE INTERNATIONAL CONFERENCE ON INTELLIGENCE AND SAFETY FOR ROBOTICS (ISR)

UT WOS:000678996900043

（三）其他：未注明学院（3 篇）

1. **AU:**Hu, X ; Zong, M

TI: Fault Prediction Method of Belt Conveyor Based on Grey Least Square Support Vector Machine

SO:2021 13TH INTERNATIONAL CONFERENCE ON MEASURING TECHNOLOGY AND MECHATRONICS AUTOMATION (ICMTMA 2021)

UT WOS:000672818900014

2. **AU:**Wang, ZJ ; Zhu, JB ; Liu, YP ; Yao, YQ ; Zhang, H ; Du, YQ

TI: Hydraulic Pressure Simulation of Disc Insulators Considering Bolt Preload

SO:2021 3RD ASIA ENERGY AND ELECTRICAL ENGINEERING SYMPOSIUM (AEEES 2021)

UT WOS:000670976800040

3. **AU:**Meng, FG ; Liu, AM ; Jing, S ; Zu, Y

TI:FSM trajectory tracking controllers of OB-AUV in the horizontal plane

SO:2021 3RD ASIA ENERGY AND ELECTRICAL ENGINEERING SYMPOSIUM (AEEES 2021)

UT WOS:000678996900047