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2023.05.23

Wiley 中国·市场部

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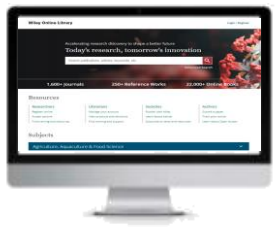
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500+
诺贝尔奖得主

650,000
作者



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近**1,700** 种期刊



1,526

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816

种期刊的影响因子均有所提高



在JCR的253种学科分类中，
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191

种期刊在学科分类中排名前十



11,958,618

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*JCR is released annually and the 2021 report was published in June 2022, includes SCIE, SSCI, AHCI, ESCI

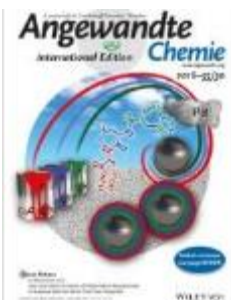


自然科学

- 75+家学协会合作伙伴
- 290+种期刊被2021JCR收录
- 25+种期刊在2021JCR所属学科内排名前10
- 2种期刊在2021JCR学科分类中排名第一

期刊推荐

化学



Angewandte Chemie International Edition

2021 JCR Ranking: 2/179
Chemistry, Multidisciplinary
Category



Wiley Interdisciplinary Reviews – Computational Molecular Science

2021 JCR Ranking: 21/180
(Chemistry, Multidisciplinary)
2/57 (Mathematical &
Computational Biology) Category



Mass Spectrometry Reviews

2021 JCR Ranking: 3/43
Spectroscopy Category



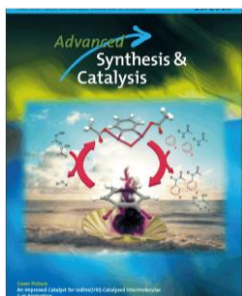
Medicinal Research Reviews

2021 JCR Ranking: 2/63
(Chemistry, Medicinal) 11/279
(Pharmacology & Pharmacy)
Category



European Journal of Organic Chemistry

2021 JCR Ranking: 19/57
Chemistry, Organic



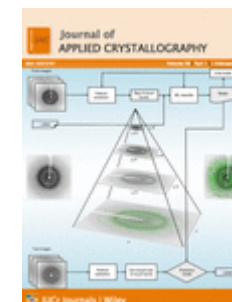
Advanced Synthesis & Catalysis

2021 JCR Ranking: 13/72
(Chemistry, Applied) 6/57
(Chemistry, Organic) Category



Chemistry – A European Journal

2021 JCR Ranking: 64/180
Chemistry, Multidisciplinary
Category

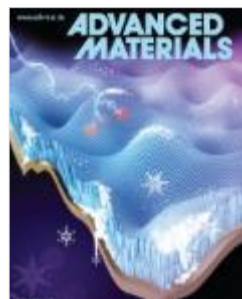


Journal Of Applied Crystallography

2021 JCR Ranking: 3/26
Crystallography
66/179 Chemistry, Multidisciplinary

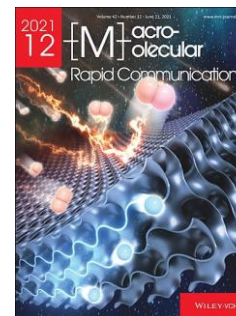
期刊推荐

高分子和材料科学



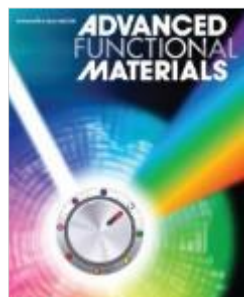
Advanced Materials

2021 JCR Ranking: 8/346
Materials Science, Multidisciplinary
Category, 3/109 Nanoscience &
Nanotechnology Category



Macromolecular Rapid Communications

2021 JCR Ranking: 17/90
Polymer Science Category



Advanced Functional Materials

2021 JCR Ranking: 17/346
Materials Science, Multidisciplinary
Category, 8/109 Nanoscience &
Nanotechnology Category



Small

2021 JCR Ranking: 39/346
Materials Science, Multidisciplinary
Category, 20/109 Nanoscience &
Nanotechnology Category



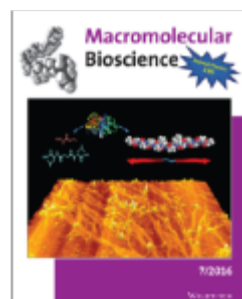
Advanced Healthcare Materials

2021 JCR Ranking: 4/44
Materials Science, Biomaterials
Category, 21/109 Nanoscience
& Nanotechnology Category



Journal of the American Ceramic Society

2021 JCR Ranking: 5/29
Materials Science, Ceramics
Category



Macromolecular Bioscience

2021 JCR Ranking: 11/90
Polymer Science Category



Polymer Composites

2021 JCR Ranking: 33/90
Polymer Science Category
12/28 Materials Science, Composites

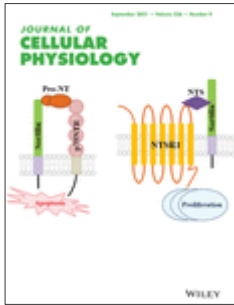


生命科学

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- 140+学会协会合作伙伴
- 330+期刊被2021 JCR收录
- 3种期刊在2021 JCR所属学科分类中排名前第一

期刊推荐

细胞分子生物学



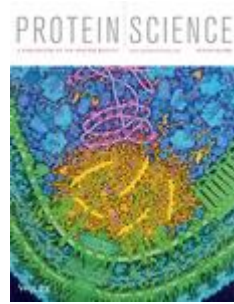
Journal of Cellular Physiology

2021 JCR Ranking:
10/81 Physiology Category



BioEssays

2021 JCR Ranking:
127/296
Biochemistry & Biology Category



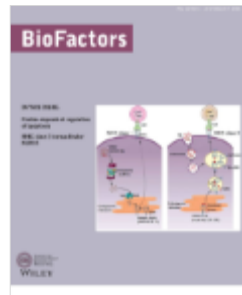
Protein Science

2021 JCR Ranking:
57/296 Biochemistry &
Molecular Biology



FEBS Journal

2021 JCR Ranking:
88/298 Molecular Biology
Category



BioFactors

2021 JCR Ranking: 64/296
Biochemistry & Molecular
Biology Category



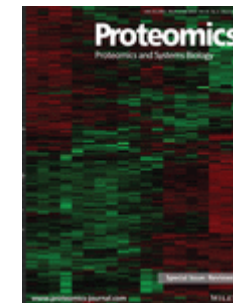
Traffic

2021 JCR Ranking:
68/194 Cell Biology



Cytometry Part A

2021 JCR Ranking:
21/79 Biochemical Research
Methods
98/194 Cell Biology

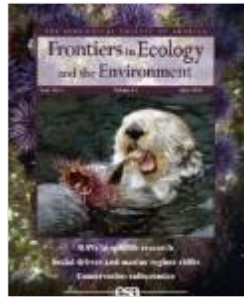


Proteomics

2021 JCR Ranking:
15/79 Biochemical Research
Methods
96/296 Biochemistry &
Molecular Biology

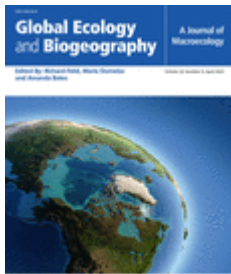
期刊推荐

生态学、保护学与进化学



Frontiers in Ecology and the Environment

2021 JCR Ranking:
4/173 Ecology



Global Ecology and Biogeography

2021 JCR Ranking:
16/173 Ecology
3/48 Geography, Physical



Global Change Biology

2021 JCR Ranking:
1.65 Biodiversity Conservation
5/173 Ecology



Molecular Ecology Resources

2021 JCR Ranking:
9/173 Ecology
6/51 Evolutionary Biology
43/296 Biochemistry & Molecular Biology



Journal of Applied Ecology

2021 JCR Ranking:
17/173 Ecology
6/65 Biodiversity Conservation



Ecology Letters

2021 JCR Ranking:
6/174 Ecology



Conservation Biology

2021 JCR Ranking:
3/65 Biodiversity Conservation
12/173 Ecology
44/279 Ecology



Molecular Ecology

2021 JCR Ranking:
7/52 Evolutionary Biology
19/174 Ecology

期刊推荐

地球、空间与环境 科学



Limnology And Oceanography

2021 JCR Ranking:
3/21 Limnology
4/66 Oceanography



Journal of Metamorphic Geology

2021 JCR Ranking:
2/47 Geology



Palaeontology

2021 JCR Ranking:
3/53 Paleontology



Environmental Toxicology & Chemistry

2021 JCR Ranking:
29/94 Toxicology
117/279 Environmental Sciences



Land Degradation And Development

2021 JCR Ranking:
12/39 Soil Science
112/279 Environmental Sciences



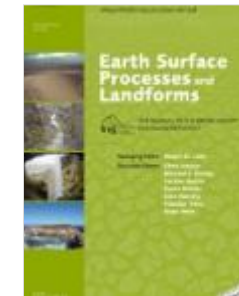
Wires Climate Change

2021 JCR Ranking:
3/94 Meteorology & Atmospheric Sciences
8/127 Environmental Studies



Quarterly Journal of the Royal Meteorological Society

2021 JCR Ranking:
11/94 Meteorology & Atmospheric Sciences



Earth Surface Processes and Landforms

2021 JCR Ranking:
20/48 Geography, Physical

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献调研及研究追踪



如何访问Wiley Online Library

校园IP覆盖范围

方法1: 图书馆-数据库-Wiley 期刊数据库

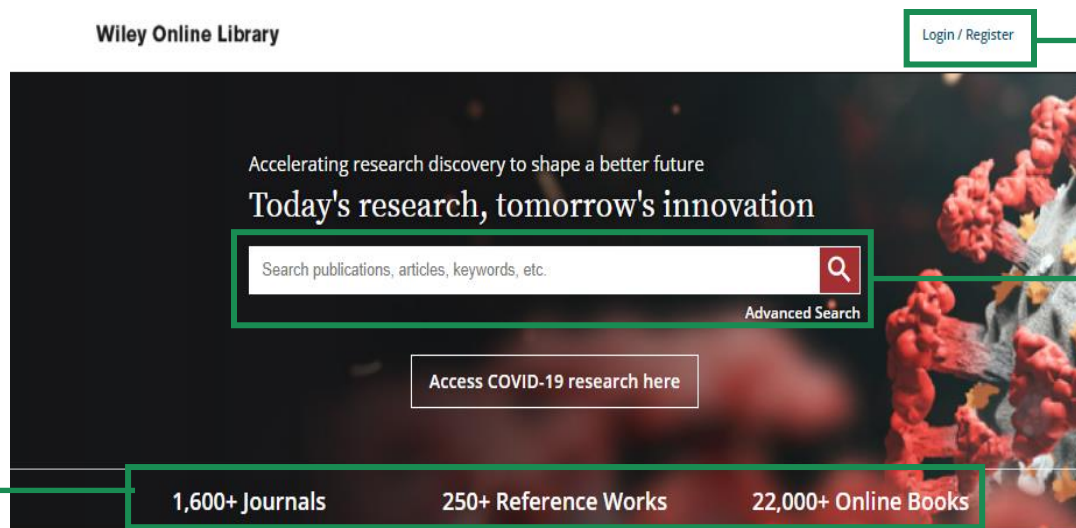
方法2: 网址 onlinelibrary.wiley.com

校外访问

本校支持的远程访问方式

The screenshot displays the library's homepage for Lanzhou University of Technology. At the top, the university's logo and name are visible. The main navigation bar includes links for '首页' (Home), '概况' (Overview), '服务' (Services), '资源' (Resources), '个人资源库' (Personal Resource Library), and '学校首页' (University Home). Below this, a search bar is prominently featured with a search button and a '高级检索' (Advanced Search) option. The search results show '搜索242,251,295篇“纸本+电子”的全文资源'. A '数据库导航' (Database Navigation) section follows, with a '字母导航' (Alphabetical Navigation) bar where 'W' is selected. Below the navigation bar, there are '学科导航' (Discipline Navigation) buttons for various fields like '哲学' (Philosophy), '经济学' (Economics), '法学' (Law), etc. At the bottom of the screenshot, the text 'wiley在线期刊数据库' is displayed along with '访问量: 17188' and a '详细' (Details) button.

Wiley Online Library平台界面清晰，便捷查询所需内容



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Search publications, articles, keywords, etc.

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按照出版物类型
(期刊, 参考工具
书及电子图书) 进
行浏览

Resources

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Access options	View products and solutions	Learn about trends	Track your article
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不同用户资源 (研究人员,
图书馆员, 学协会及作者)

Subjects

Agriculture, Aquaculture & Food Science	▼
Architecture & Planning	▼
Art & Applied	▼
Business, Economics, Finance & Accounting	▼
Chemistry	▼

按照不同学科浏览相
关内容 (最全的多学
科在线资源平台之一,
包含17个学科大类,
126个子学科)

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Publications

1-20 of 2,756 publications

Applied Filters

Clear all ✕

Journals ✕

Filters

Alphanumeric ^

- 0-9
- A
- B
- C
- D
- E
- F
- G
- H
- I
- J
- K
- L
- M
- N
- O
- P
- Q
- R
- S
- T
- U
- V
- W
- X
- Y
- Z

Subjects ^

- ACCOUNTING 35
- AGRICULTURE 112
- ANTHROPOLOGY 95



Journal Full Access

AAHE-ERIC/Higher Education Research Report

Currently known as:

[ASHE Higher Education Report](#) Full Access

Volume 3, 1974 - Volume 43, 2017



Journal Full Access

Abacus

Volume 1, 1965 - Volume 58, 2022



Journal Full Access

About Campus

Volume 1, 1996 - Volume 22, 2018

按学科查找资源

按照不同学科浏览相关内容（最全的多学科在线资源平台之一，包含17个学科大类，126个子学科）

Subjects	
Agriculture, Aquaculture & Food Science	▼
Architecture & Planning	▼
Art & Applied	▼
Business, Economics, Finance & Accounting	▼
Chemistry	▼
Computer Science & Information Technology	▼
Earth, Space & Environmental Sciences	▼
Humanities	▼
Law & Criminology	▼
Life Sciences	▼
Mathematics & Statistics	▼
Medicine	▼
Nursing, Dentistry & Healthcare	▼
Physical Sciences & Engineering	▼
Psychology	▼
Social & Behavioral Sciences	▼
Veterinary Medicine	▼

Physical Sciences & Engineering

- | | |
|--------------------------------------|------------------------------|
| Astronomy | Materials Science |
| Biomedical Engineering | Mechanical Engineering |
| Civil Engineering & Construction | Nanotechnology |
| Electrical & Electronics Engineering | Physics |
| Energy | Polymer Science & Technology |
| Industrial Engineering | Security Management |

按照学科了解高影响力及最新研究进展情况

Wiley Online Library

Search

SUBJECT
Materials Science

[查看该学科下相关主题](#)

Topics

Analysis/Characterization of Nanosystems	Materials Characterization
Batteries & Fuel Cells	Materials Processing
Biomaterials	Materials Science Special Topics
Biopolymers	Metals & Alloys
Carbon Materials	Optical & Non-Linear Optical Materials
Ceramics	Optics & Photonics
Composites	Organic Electronics
Condensed Matter	Photonics & Lasers
Construction Materials	Polymer processing
Construction Materials	Polymer Characterization
Corrosion	Polymer Physics
Crystallography	Polymer Science & Technology General
Dental Technology & Materials Science	Polymer Synthesis
Electronic Materials	Polymers Special Topics
Electronic Materials	Porous Materials
Failure Fracture	Properties of Materials
General & Introductory Materials Science	Semiconductor Physics
Inorganic Electronics	Sensor Materials
Joining, Welding and Adhesion	Soft Matter
Magnetic Materials	Solid State Physics
Magnetism	Theory, Modeling & Simulation
Materials for Energy Systems	Thin Films, Surfaces & Interfaces

Articles

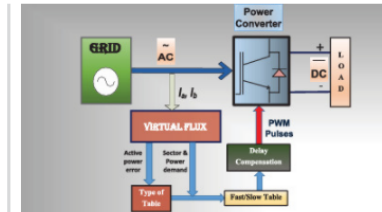
Most Recent Most Cited

[高被引文下章 \(Most Cited\)](#)
[最新发表的文章 \(Most Recent\)](#)

An advanced virtual flux integrated multifold table-based direct power control with delay compensation for active front-end rectifiers

Abinash Rath, Gopalakrishna Srungavarapu, Monalisa Pattnaik

International Transactions on Electrical Energy Systems | First Published: 7 November 2021



Here, an advanced virtual flux technology is used to avoid the time differential operations. Different lookup tables are used as per the demand, which are designed based upon the normalized values of active and reactive power slopes. This work provides restitution for the unavoidable inaccuracy caused by this control delay in conventional DPC techniques.

[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

[Reliability analysis of an active distribution network integrated with solar, wind and tidal energy sources](#)

按照学科查看出版物

SUBJECT
Materials Science 查看该学科下相关主题

Topics

- Analysis/Characterization of Nanosystems
- Batteries & Fuel Cells
- Biomaterials**
- Biopolymers
- Carbon Materials
- Ceramics
- Composites
- Condensed Matter
- Construction Materials
- Construction Materials
- Corrosion
- Crystallography
- Dental Technology & Materials Science
- Electronic Materials
- Electronic Materials
- Failure Fracture
- General & Introductory Materials Science
- Inorganic Electronics
- Joining, Welding and Adhesion
- Magnetic Materials
- Magnetism
- Materials for Energy Systems
- Materials Characterization
- Materials Processing
- Materials Science Special Topics
- Metals & Alloys
- Optical & Non-Linear Optical Materials
- Optics & Photonics
- Organic Electronics
- Photonics & Lasers
- Polymer processing
- Polymer Characterization
- Polymer Physics
- Polymer Science & Technology General
- Polymer Synthesis
- Polymers Special Topics
- Porous Materials
- Properties of Materials
- Semiconductor Physics
- Sensor Materials
- Soft Matter
- Solid State Physics
- Theory, Modeling & Simulation
- Thin Films, Surfaces & Interfaces

Applied Filters Clear all X

Biomaterials X Journals X

Filters

Subjects ^

- BIOMEDICAL ENGINEERING 7
- CHEMISTRY 3
- LIFE SCIENCES 3
- MATERIALS SCIENCE 5
- MEDICAL SCIENCE 2
- MORE (1) v

Published in ^

- Advanced Biology 2
- Advanced Healthcare Materials 1
- Advanced NanoBiomed Research 1
- ChemNanoMat 1
- Peptide Science 1
- Small Methods: LESS ^ 1

Author v



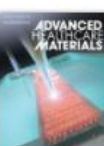

7 results for "Biomaterials" anywhere

RSS

Publications (7)

Refine Search v

Sorted by: Relevance v

-  **Journal**
ChemNanoMat
Volume 1, 2015 - Volume 7, 2021
-  **Journal** Open Access
Advanced NanoBiomed Research
Volume 1, 2021 - Volume 1, 2021
-  **Journal**
Advanced Healthcare Materials
Volume 1, 2012 - Volume 10, 2021
-  **Journal**
Small Methods
Volume 1, 2017 - Volume 5, 2021

利用检索功能查找所需内容

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一般检索—按条件筛选检索结果

Wiley Online Library

MOFs



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35,871 results for "MOFs" anywhere

检索数量

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★ SAVE SEARCH

RSS

Articles & Chapters (35,871)

Collections (241)

Filters

对检索结果筛选

☰ Refine Search ▾

Sorted by: Relevance ▾

按照相关性，出版日期
排序

Publication Type ^

Journals	33,564
Books	1,992
Reference works	315

Publication Date ^

Last Week	92
Last Month	613
Last 3 Months	1,783
Last 6 Months	3,472
Last 2 Years	12,704
MORE (2) ▾	

» Export Citation(s) Download PDF(s)

Review

MOFs-Derived Carbon-Based Metal Catalysts for Energy-Related Electrocatalysis

Tongzhou Wang, Xuejie Cao, Lifang Jiao

Small | Volume 17, Issue 22

First published: 18 January 2021

Collections: Emerging Crystalline Porous Materials

Abstract ▾

Forschungsartikel

Atypical Hybrid Metal–Organic Frameworks (MOFs): A Combinative Process for MOF-on-

一般检索—按条件筛选检索结果

Filters **出版类型**

Publication Type ^

Journals	32,407
Books	1,949
Reference works	309

出版日期

Publication Date ^

Last Week	157
Last Month	591
Last 3 Months	1,711
Last 6 Months	3,284
Last 2 Years	12,134

MORE (2) v

From: To: **Go**

Access Status ^ **开放获取内容**

Open Access Content 1,846

Subjects ^ **所属学科**

+ ACCOUNTING	120
+ AGRICULTURE	617
+ ANTHROPOLOGY	100
+ AQUACULTURE, FISHERIES & FISH SCIENCE	143
+ ARCHAEOLOGY	31

MORE (52) v

Published in ^ **出版物**

Angewandte Chemie	2,727
Angewandte Chemie International Edition	2,443
Chemistry – A European Journal	1,823
Wiley Online Books	1,732
Advanced Materials	1,462

MORE (92) v

作者

Author ^

Fischer, Roland A	117
Zhang, Jian	114
Zhou, Hong-Cai	108
Li, Jing	107
Chen, Banglin	106

MORE (20) v

高级检索—按条件筛选检索结果

高级检索 **ADVANCED SEARCH** CITATION SEARCH 引文检索

Advanced search **限定检索字段出处**

Context Term

Anywhere X

Author Affili X

Anywhere +

Published in **限定期刊**

PUBLICATION DATE **限定出版日期**

All dates

Last

Custom range to

每个检索框中可使用布尔运算符“AND, OR, NOT”进行连接; 支持通配符? *

Search Tips

检索技巧

You can use the Boolean operators AND (also + or &), OR and NOT (also -) within search fields. These operators must be entered in UPPERCASE to work.

If more than one term is entered, and no operators are specified, terms are searched using AND. To search for a phrase, put terms in quotes. For example, *spinal cord* searches spinal AND cord while "spinal cord" finds this exact phrase.

Wildcards

Use a question mark (?) in a search term to represent a single character (*wom?n* finds women or woman). Use an asterisk (*) to represent zero or more characters. For example, *plant** finds all words with that root (plant, plants, & planting) while *an*mia* finds variants with one or more letters (anemia & anaemia). Wildcards CANNOT be used at the start of a search term (**tension*) or when searching for phrases in quotes ("tobacco smok*").

Author Search

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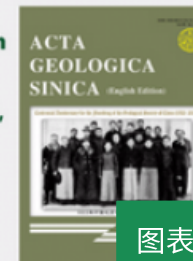
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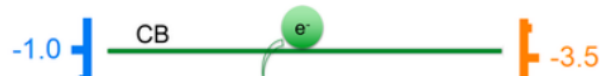
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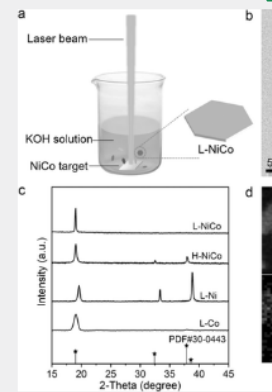
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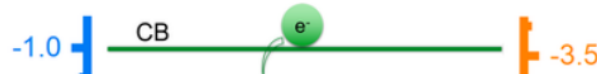
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Abstract: Developing highly efficient and low-cost photocatalysts for overall water splitting has long been a pursuit for converting solar power into clean hydrogen energy. Herein, we demonstrate that a nonstoichiometric nickel–cobalt double hydroxide can achieve overall water splitting by itself upon solar light irradiation, avoiding the consumption of noble-metal co-catalysts. We employed an intensive laser to ablate a NiCo alloy target immersed in alkaline solution, and produced so-called L-NiCo nanosheets with a nonstoichiometric composition and O^{2-}/Co^{3+} ions exposed on the surface. The nonstoichiometric composition broadens the band gap, while O^{2-} and Co^{3+} ions boost hydrogen and oxygen evolution, respectively. As such, the photocatalyst achieves a H_2 evolution rate of $1.7 \mu\text{mol h}^{-1}$ under AM 1.5G sunlight irradiation and an apparent quantum yield (AQE) of 1.38% at 380 nm.

Introduction

Nevertheless, these composite photocatalysts suffer from complicated syntheses, limited material options, and rather high costs, which seriously impedes their large-scale application.^[15,19–21] Therefore, it is an urgent demand to engineer photocatalysts with simple structures but high efficiencies.

Thus far, single-phase photocatalysts have been rarely reported for overall water splitting. Although some metallic oxides, such as TiO_2 ,^[22–25] CoO ,^[26] $PdSeO_3$,^[27] and Co_3O_4 ,^[28] can produce hydrogen and oxygen simultaneously, each metallic oxide has its own deficiencies, for instance, the extremely large band gap of TiO_2 ,^[29] the slow hydrogen evolution and short lifetime of CoO ,^[30] the poor stability and low light absorption efficiency of $PdSeO_3$,^[27] and the narrow band gap of Co_3O_4 .^[28] Recently, hydroxides (e.g., NiCo double hydroxides) were found to be promising bifunctional electrocatalysts for the hydrogen evolution reaction (HER) and the oxygen evolution reaction (OER)^[31] and

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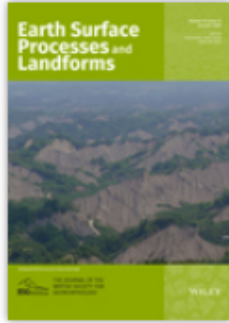
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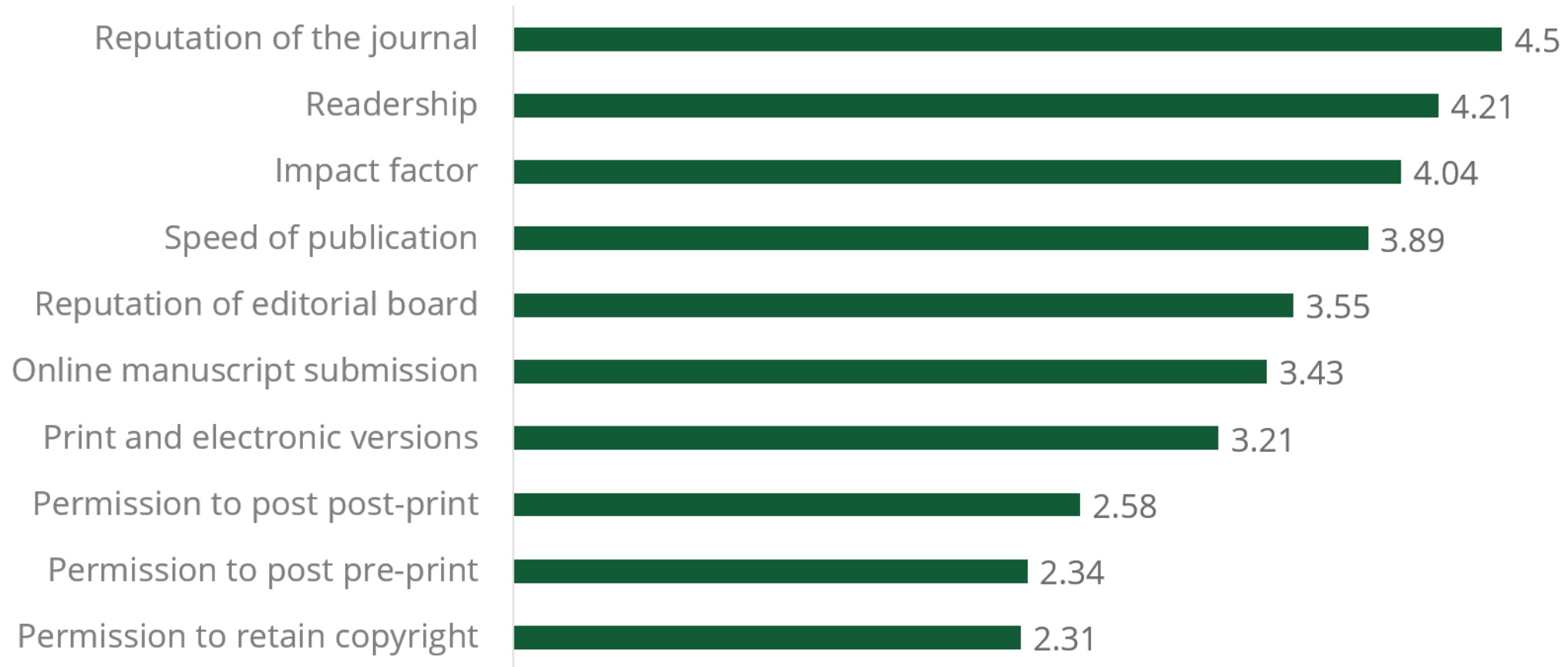
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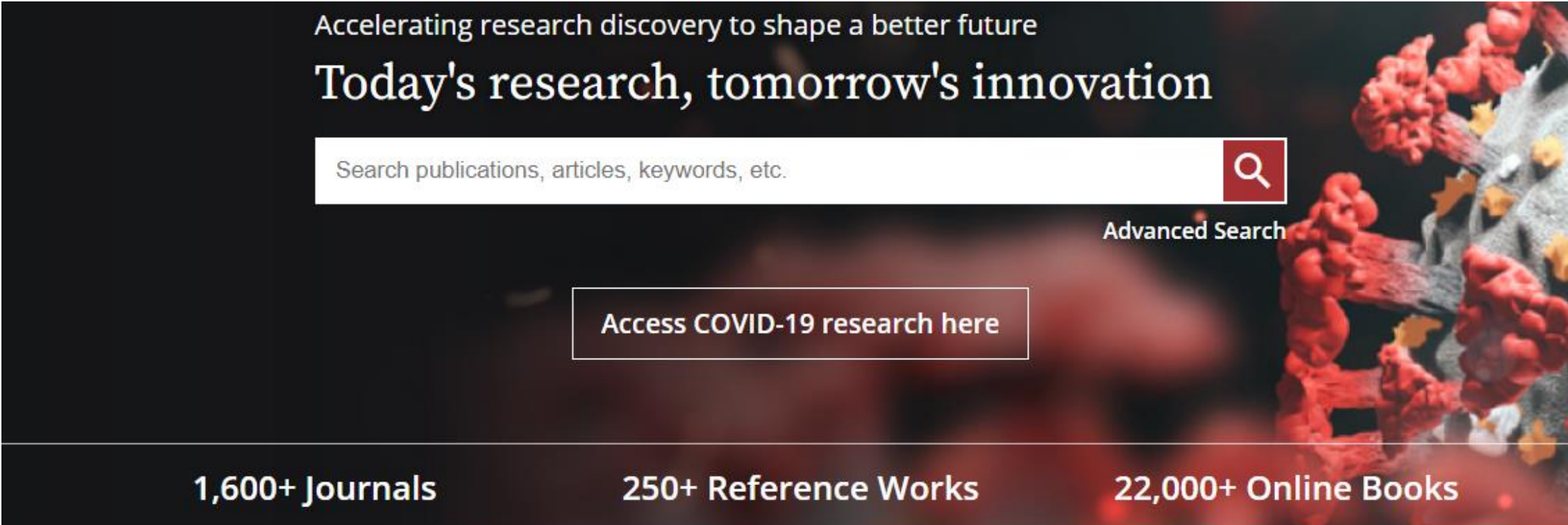
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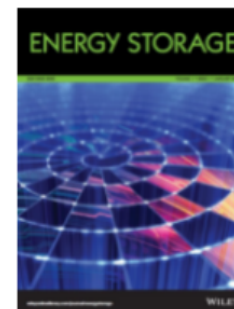
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Aqua-processable carbon quantum dot–assisted resilient polymer binder for advanced lithium-sulfur batteries

Soochan Kim, Jungmin Kim, Minhyeong Kim, Misuk Cho, Youngkwan Lee 

First published: 10 August 2021 | <https://doi.org/10.1002/er.7162>

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Summary



Lithium-sulfur batteries (LSBs) with outstanding theoretical capacity and environmentally friendly properties are regarded as next-generation energy storage devices. However, the shuttle effect of lithium polysulfide (LPS) limits the practical application of LSBs. Herein, we introduce an aqua-processable carbon quantum dot (CQD)–assisted resilient waterborne polyurethane (WPU) network binder for sulfur cathodes. WPU is a well-dispersed colloidal system with abundant polar groups that is suitable for regulating LPS shuttle effects. CQDs were prepared from WPU by hydrothermal treatment. The CQDs enabled facile electron/ion transport, enhanced the adsorption capability of LPS, and formed a robust network. Moreover, the chemical similarity between WPU and CQDs enabled the formation of a well-dispersed system, thereby affording optimal electrochemical performance. The WPU-CQD binder systems exhibited stable cycling performance at a high rate of 2C, with only 0.028% retention decay per cycle over 1000 cycles.

1 INTRODUCTION

Lithium-sulfur batteries (LSBs) are promising candidates for use in high-energy storage systems. LSBs offer the advantages of high specific energy density ($\sim 2600 \text{ Wh kg}^{-1}$) and low price, owing to the abundance of sulfur in the earth's crust.^{1–3} However, the commercialization of LSBs is inhibited by several issues, including the electrical insulating properties of sulfur and the discharged products ($\text{Li}_2\text{S}/\text{Li}_2\text{S}_2$), volume expansion ($\sim 80\%$) of sulfur during cycling, and shuttle effects triggered by the dissolution and diffusion of intermediate LPSs into the electrolyte.^{4,5} To alleviate these issues, newly designed sulfur cathodes or components, which can enhance the structural stability of the electrode and regulate the shuttle effects caused by LPS, are essential for high-performance LSBs.

Generally, sulfur cathodes are fabricated by coating a slurry (active materials, conductive additives, and polymer binder) on a current collector. Although the content of the polymer



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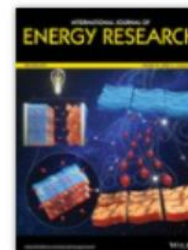
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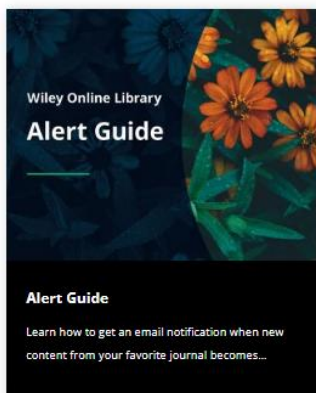


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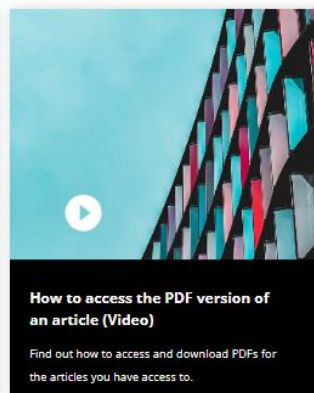
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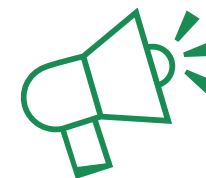
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