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Jade Li 李麗娟, Customer Success Manager, A&G Elsevier  
May 2025



# 今日大綱

- 甚麼是**ScienceDirect(SDOL)**?
- 文獻搜尋(快速搜尋)/進階搜尋
- 如何找尋期刊/電子書?
- 整理編輯/個人化設定

- 甚麼是ScienceDirect(SDOL)?

# 研究者流程

Research cycle

Content library

## RESEARCH PREPARATION

- > Funding
- > Research design
- > Research data management
- > Research collaborations
- > Sex and Gender Equity in Research (SAGER) Guidelines

## WRITING FOR RESEARCH

- > Fundamentals of manuscript preparation
- > Writing skills
- > Technical writing skills
- > Book writing

## PUBLICATION PROCESS

- > Fundamentals of publishing
- > Research metrics
- > Finding the right journal
- > Ethics
- > Open science
- > How to publish in premium journals
- > Publishing in the Chemical Sciences

## NAVIGATING PEER REVIEW

- > Certified Peer Reviewer Course
- > Fundamentals of peer review
- > Becoming a peer reviewer
- > Going through peer review

## COMMUNICATING YOUR RESEARCH

- > Social impact
- > Ensuring visibility
- > Inclusion and Diversity for Researchers



Source: <https://researcheracademy.elsevier.com>

# 內容涵蓋**四**大主題, **24**個子主題

## 物理科學 與工程學

Chemical Engineering/Chemistry/Computer Science  
Earth and Planetary Sciences/Energy/Engineering  
Materials Science/Mathematics/Physics and Astronomy

## 醫學

Medicine and Dentistry/Nursing and Health  
Professions/Pharmacology, Toxicology and Pharmaceutical  
Science/Veterinary Science and Veterinary Medicine

## 生命科學

Agricultural and Biological Sciences/Biochemistry, Genetics  
and Molecular Biology/Environmental Science/Immunology  
and Microbiology  
Neuroscience

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Finance/Psychology/Social Sciences

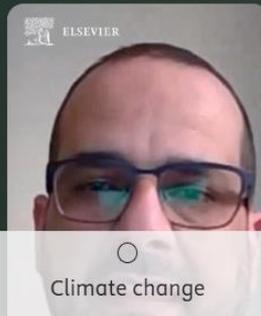
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Confidence in research



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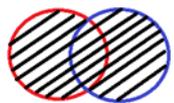
The Lancet 200

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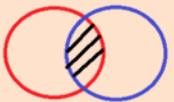
- 文獻搜尋(快速搜尋)/進階搜尋

## 布林運算子



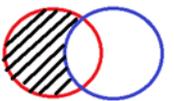
**OR**

必須出現至少一個字詞，例如 liver OR cirrhosis  
有時為同義語的檢索



**AND**

必須出現兩個字詞，例如"Cognitive architecture" AND robots



**NOT**

排除一個字詞，例如 lung NOT cancer 或 lung -cancer  
目的為排除某類文獻的可能性

- 布林邏輯的使用順序是 NOT, AND, OR
- 可用括號清楚標示集合概念, 如 a OR (b AND c)

“”

搜尋完整相似詞組，例如：輸入"heart attack"，將會搜尋heart attack、heart-attack、heart attacks 之結果。

# 搜尋相關須知

Character 字, 字元	Example 舉例
Spelling variations 拼字的不同	Both British and American spelling variants are supported. A search for colour returns color, and vice versa
Greek letters and character equivalents 希臘字母與同等符號	To search the Greek letter $\Omega$ , enter omega. This matches documents containing the word omega as well as the symbols $\Omega$ (uppercase omega) and $\omega$ (lowercase omega).
Subscript and superscript 下標與上標	Enter subscripted and superscripted characters on the same line as the other characters. To search for the chemical notation "H <sub>2</sub> O," enter H2O.
Accented characters 重音字符	To search for the name Fürst, enter Fürst or Furst.
Non-alphanumeric characters 非字母數字字符	Characters such as bullets, arrows, daggers, and plus signs are ignored. 項目符號如箭頭等則會忽略。

# 快速搜尋(首頁上)

## 快速搜尋

Search for peer-reviewed journal articles and book chapters (including open access content)

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Author(s)

Search 

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**In this Journal or book title** 期刊/書名(輸入刊/書名其中一關鍵字, 系統會列出相關刊名)

**Author(s)** 作者



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Find articles with these terms

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期刊或書名

Year(s)

年份(或區間)

Search tips 

搜尋小撇步

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Volume(s)

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Issue(s)

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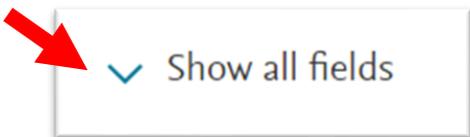
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顯示所有欄位

搜尋

Search 

# 進階搜尋(首頁上)



於文章標題, 摘要, 關鍵字內搜尋

Title, abstract or author-specified keywords

Title 於文章標題內搜尋

References 於參考資料內搜尋

ISSN or ISBN 期刊/書 編碼



Search tips 

可於搜尋小撇步查看文獻類型定義

# 進階搜尋(限制搜尋)

37,235 results

 Set search alert

Years

- 2025 (18,135)
- 2024 (45,134)
- 2023 (37,235)

年份

Article type 

- Review articles (39,718)
- Research articles (221,872)
- Encyclopedia (2,181)

文獻類型

Publication title

出版品名稱

- Sensors and Actuators B: Chemical (10,625)
- Chemical Engineering Journal (8,347)

Subject areas

主題領域

- Materials Science (121,890)
- Chemistry (90,715)

Access type

- Open access & Open archive (40,923)  
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nanomaterial



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不需要更新搜尋可取消; 更新好則選取搜尋

# 搜尋結果頁面

Find articles with these terms



Advanced search

Suggested publications:

推薦相關主題的出版品



排序方式: 相關性/日期

313,523 results

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Refine by:

Years

- 2025 (18,135)
- 2024 (45,134)
- 2023 (37,235)

Show more

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sorted by *relevance* | date

- 1 **Functional inorganic nanomaterials** for renal cell carcinoma treatment: Advancements and trends  
 Chinese Chemical Letters, Available online 21 February 2025  
 Yuanyi Zhou, Lili Wang, ... Mingshan Zhu  
 View PDF | Abstract | Graphical Abstract | Extracts | Figures | Export
- 2 **The role of nanomaterials** in tailoring electromembrane extraction performance: A review  
 Talanta, 1 July 2025  
 Wajid Ali Khan, Muhammad Balal Arain, ... Grzegorz Boczkaj  
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搜尋結果

Suggested topics

- Nanomaterial in Chemistry
- Nanomaterial in Engineering
- Nanomaterial in Physics and Astronomy

相關主題, 可點選查詢該術語與其相關書籍



Display: 25 | 50 | 100 results per page 顯示每頁篇數

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1 **Nanomaterials** driven CRISPR/Cas-based biosensing strategies 文章標題

Chemical Engineering Journal, 29 August 2023 期刊名稱

Ying Huang, Qian Wen, ... Haiyan Zhong 作者名稱

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觀看PDF檔 摘要 擷取關鍵字 圖 匯出書目資料

Review article ● Open access

2 Mechanism of polymer composite-based **nanomaterial** for biomedical applications

Advanced Industrial and Engineering Polymer Research, Available online 9 September 2023

Nadeem Hussain Solangi, Rama Rao Karri, ... Shaukat Ali Mazari

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# 瀏覽文獻(網頁全文頁左/中)

Outline  
Highlights  
Abstract

大綱  
可快速檢  
視想看的  
內容



期刊名稱, 點選可看期刊資訊

Chemical Engineering Journal

Volume 435, Part 3, 1 May 2022, 134976



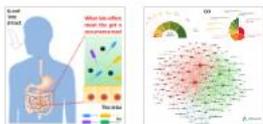
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Zhanjun Gu  
View in Scopus

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More documents by Zhanjun Gu  
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Cited by (7) 引用文獻

Figures (18) 圖



## Review 文章標題 Recent advances in understanding the effects of nanomaterials on gut microbiota

作者

Jiani Xie<sup>a, b, 1</sup>, Maoru Zhao<sup>b, c, 1</sup>, Chengyan Wang<sup>b, c</sup>, Yuan Yong<sup>a</sup>, Zhanjun Gu<sup>b, c, d, e</sup>

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Highlights 文章重點

- Nanomaterials can interact with gut microbiota and induce its alterations.
- Nanomaterials' physicochemical properties are crucial to cause the alterations.

快速查看參考文獻並檢視全文

J.C. Clemente, L.K. Ursell, L.W. Parfrey, R. Knight  
The impact of the gut microbiota on human health: an integrative view  
Cell, 148 (6) (2012), pp. 1258-1270

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Google Scholar

### 1. Introduction

Gut microbiota, a diverse microbial ecosystem, is located in the human digestive tract [1].  
[2]. Considerable evidence has demonstrated that the gut microbiota plays an indispensable role in the maintenance of human health which influences, modulates, and



# 瀏覽文獻(網頁全文頁中)

Review

## Recent advances in understanding the effects of nanomaterials on gut microbiota

Jiani Xie<sup>a b 1</sup>, Maoru Zhao<sup>b c 1</sup>, Chengyan Wang<sup>b c</sup>, Yuan Yong<sup>f</sup>, Zhanjun Gu<sup>b c d e</sup>  

In recent years, nanomaterials with special size-dependent chemical, electronic, and optical properties have been applied in many fields, such as food, agriculture, and medicine [10], [11], [12], [13], [14], [15], [16]. Such widespread **nanomanufacturing** and nanoapplications in human life have brought extensive public attention to the effects of nanomaterials on gut microbiota because they represent increased opportunities for

快速查詢專有名詞定義, 相關術語, 並透過專業書籍深入了解

### Nanomanufacturing System

'Nanomanufacturing' is defined as the intentional synthesis, generation or control of nanomaterials, or fabrication steps in the nanoscale for commercial purpose applied to produce nano-objects or nanostructured materials.

From: *Nanoengineering*, 2015

#### Recommended articles



#### Hexagonal $\text{Na}_x\text{WO}_3$ nanocrystals with reversible valence states for microwave...

Chemical Engineering Journal, Volume 446, Part 2, 2...  
Haili Yan, ..., Hui Zhang

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參考依據為研究者在閱讀該篇文章後的短時間內所閱讀的其他文章. 根據頻率, 整體受歡迎度, 與該文章的聲望.

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Reference works

參考工具書

Book series

叢書

A

Abatement of Environmental Pollutants

書名

Trends and Strategies

Book • 2019

ACOPS Yearbook 1986–87

Advisory Committee on Pollution of the Sea, London

Book • 1987

Acta Ecologica Sinica

期刊名

Journal • Contains *open access*

Acta Oecologica

Journal • Contains *open access*

Activated Carbon

Book • 2006

Adapting to Climate Change in Europe

Exploring Sustainable Pathways - from Local Measures to Wider Policies

Book • 2018

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# 期刊資訊



## Chemical Engineering Journal

Supports open access

### 期刊影響力指標

21.7

CiteScore

15.4

Impact Factor

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## Ultrananocrystalline Diamond

書名

Book • Second Edition • 2012

出版年份



作者

Edited by:  
Olga A. Shenderova and Dieter M. Gruen

↓ About the book

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↓ By table of contents

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Book description

Ultrananocrystalline Diamond: Synthesis, Properties, and Applications is a unique practical reference handbook. Written by the leading experts worldwide it introduces the science o ... [read full description](#)

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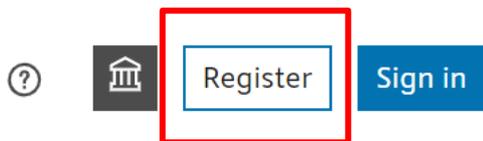
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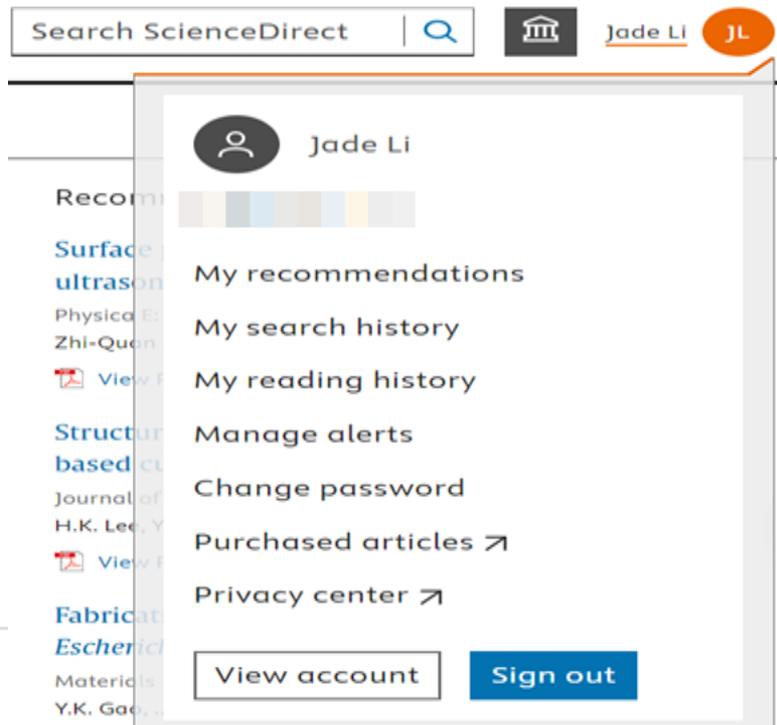
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JOURNAL ALERT 6 June 2023

Clinical Breast Cancer

Frequency: As published. Last sent: 14 September 2023 to jade.li@elsevier.com. [View journal](#)

SEARCH ALERT 18 May 2023

chatbot

Frequency: Monthly. Last sent: 5 September 2023 [View online](#)



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1 **Nanomaterials** driven CRISPR/Cas-based biosensing strategies

Chemical Engineering Journal, 29 August 2023

Ying Huang, Qian Wen, ... Haiyan Zhong

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Advanced Industrial and Engineering Polymer Research, Available online 9 September 2023

Nadeem Hussain Solangi, Rama Rao Karri, ... Shaukat Ali Mazari

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Chemical Engineering Journal

Volume 474, 15 October 2023, 145615



Review

## Nanomaterials driven CRISPR/Cas-based biosensing strategies

[Ying Huang](#), [Qian Wen](#), [Ying Xiong](#), [Yanni Chen](#), [Wang Li](#), [Jiali Ren](#), [Haiyan Zhong](#)

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Chemical Engineering Journal, 29 August 2023  
Ying Huang, Qian Wen, ... Haiyan Zhong

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Review

## Nanomaterials driven CRISPR/Cas-based biosensing strategies

[Ying Huang](#), [Qian Wen](#), [Ying Xiong](#), [Yanni Chen](#), [Wang Li](#), [Jiali Ren](#), [Haiyan Zhong](#)

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ScienceDirect

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Review

## Nanomaterials driven CRISPR/Cas-based biosensing strategies

Ying Huang, Qian Wen, Ying Xiong, Yanni Chen, Wang Li, Jiali Ren, Haiyan Zhong

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	AUTHORS	YEAR	TITLE	SOURCE	ADDED	FILE
<input type="checkbox"/>	Huang Y, Wen Q, Xiong ...	2023	Nanomaterials driven CRISPR/Cas-based biosensing strategies	Chemical Engine...	6:50 PM	

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240,539 results

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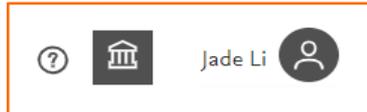
Review article  Full text access

1 Two-dimensional nanomaterials as enhanced surface plasmon resonance sensing platforms: Design

Refine by Years

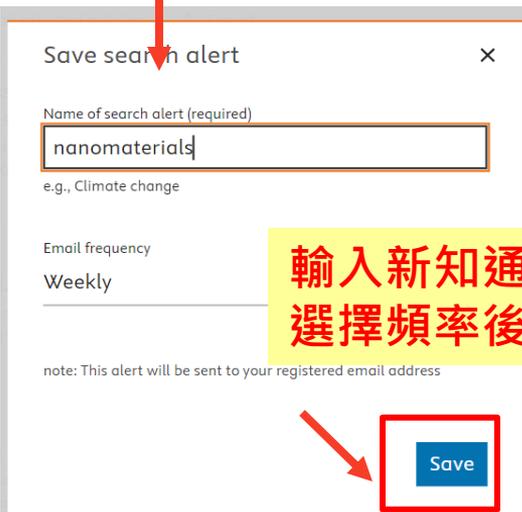
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?

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