



# E) Engineering Village 資料庫教育訓練

Jamie Yen | 顏婕珉

碩睿資訊 2026

# 大綱



- 一、資料庫背景
- 二、介面及檢索功能介紹
- 三、個人化帳號說明
- 四、資源補充



# 資料庫背景



# Engineering Village 介紹與收錄內容

## Engineering Village ( 簡稱EV )

由美國 Elsevier Engineering Information Inc. 所出版，為一平台名稱，內含多個子庫，提供工程領域資訊的文獻索摘資料庫。

### EV 包含資料庫

---

**Compendex**

INSPEC

GEOBASE

GeoRef

NTIS

EP Patents

US Patents

WO Patents

CBNB

Chimica

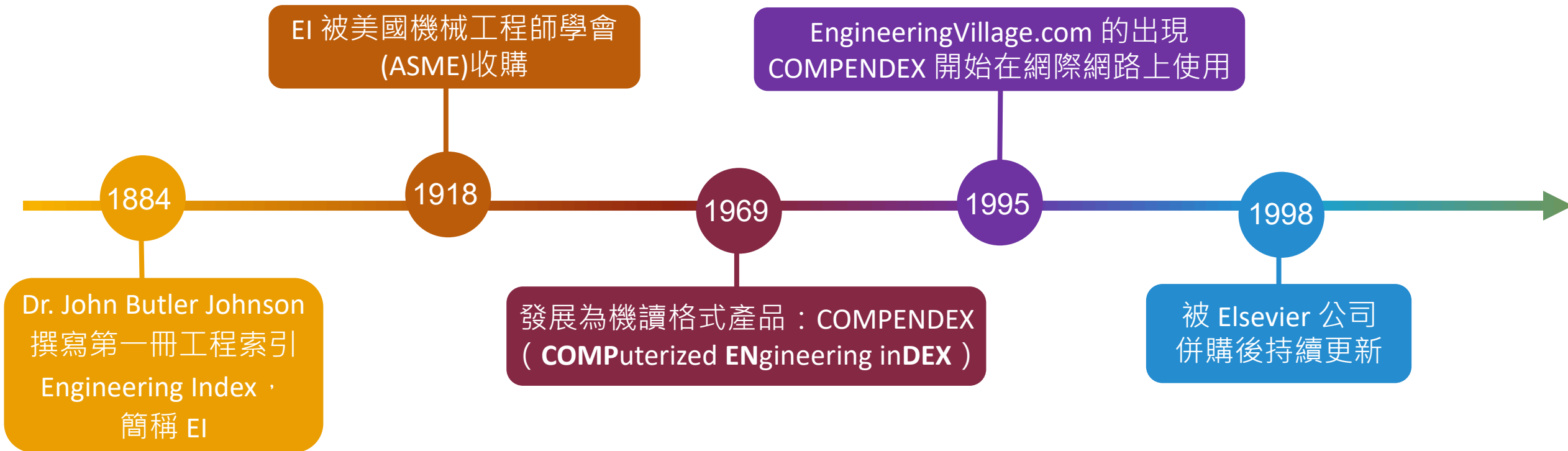
EnCompassLIT

EnCompassPAT

PaperChem

Knovel 電子書

# COMPENDEX 時光走廊

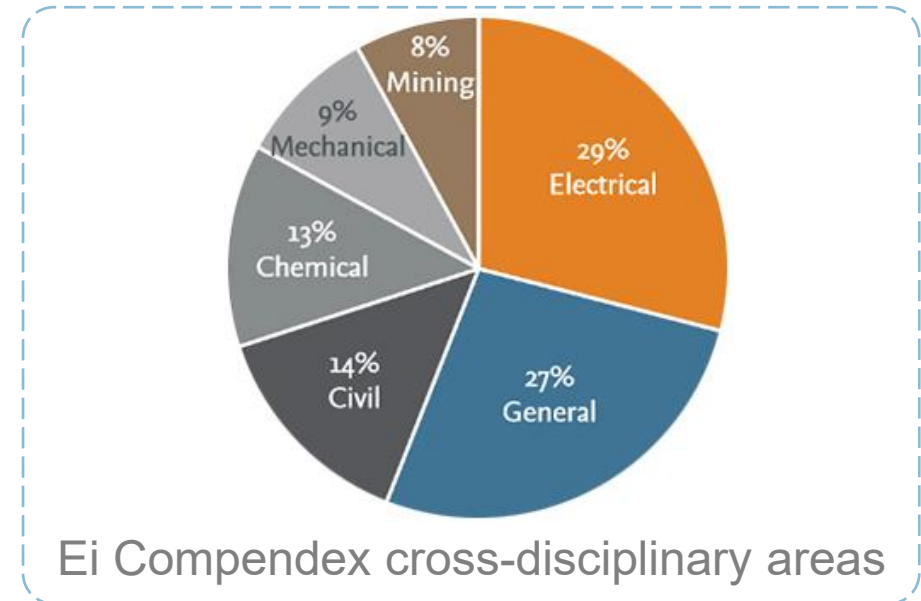


EI 為 COMPENDEX 前身

如需得知文獻是否被 EI 收錄，**在 EV 平台的 COMPENDEX 查詢即可！**

# Compendex 介紹

- 收錄年代：1969 年至今
- 5,600 多種工程研討會、期刊、商業雜誌、會議記錄和技術報告資料
- 資料量：超過 2200 萬筆，每年新增約 65 萬筆資料
- 包含 190 種工程領域學科，如：**化學工程**、**土木工程**、**礦業**、**機械工程**、**電子工程**、環境、結構、材料科學、固態物理學、超導體、生物工程學、能源、光學、空氣和水污染、固態廢棄物處理、道路運輸、運輸安全、應用工程、品質管理、工程管理等
- 收錄超過 87 個國家的出版品
- 更新頻率：每週更新
- 回溯期刊：1884 年- 1968 年



# EV 特色 — 收集文獻利器



## 限縮結果

提供**多種欄位**支援精確檢索，並可做成圖表，如：**控制詞彙**、**分類號**、**文件形式**、**刊名**等（共 13 種）。



## 個人化帳號

個人帳號可將檢索結果建利追蹤、儲存便於重複檢索，也可將文獻存至**Folder 資料夾**重複觀看。



## 專家思維

工程領域專家學者分類之控制詞 — **Thesaurus 索引典**。



## 專家檢索模式

可自行輸入檢索語法。



# 介面及檢索功能介紹

主題？

關鍵字？



# 首頁 — Search



Engineering Village

功能列

Search ▾

Search history ▾ <sup>10</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

More ▾

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Discover the highest-quality engineering content, data, and intelligence

Search within

All fields ▾

Search documents \*

Search for artificial intelligence

+ Add search field

2 databases are selected

Search

Quick Search

Recently searched

((carbon sink) WN ALL)

21,491 results

("deep learning") WN KY)

733,043 results

((ARTIFICIAL INTELLIGENCE) WN KY)

1,473,680 results

近五筆檢索歷史

# 首頁 — Search



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Search history <sup>10</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

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## Essential search

Quick Search

快速檢索

Expert Search

專家檢索

Thesaurus Search

索引典檢索

## Explore & find

Author

作者檢索

Affiliation

機構檢索

Conference Series

Beta

會議系列檢索

Search

## Analytical search

Engineering Research Profile

研究機構分析

Inspec Analytics

Inspec 分析

## Recently searched

((carbon sink) WN ALL)

21,491 results

((("deep learning") WN KY)

733,043 results

((ARTIFICIAL INTELLIGENCE) WN KY)

1,473,680 results

# 首頁 — 功能列



Engineering Village

Search ▾

Search history <sup>10</sup> ▾

Alerts <sup>0</sup>

Selected records <sup>0</sup>

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已勾選紀錄

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## Recently searched

((carbon sink) WN ALL)

21,491 results

((("deep learning") WN KY)

733,043 results

((ARTIFICIAL INTELLIGENCE) WN KY)

1,473,680 results

# 首頁 — More



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Alerts <sup>0</sup>

Selected records <sup>0</sup>

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Search

+ Add search field

2 databases are selected

🔍 Search

**Compendex 介紹**

**收藏資料夾  
(需有個人化帳號)**

**Knovel 訂戶專屬功能**

**查看互動方程式**

Compendex overview

Folders

Interactive equations ↗

## Recently searched

((carbon sink) WN ALL)

21,491 results

("deep learning") WN KY)

733,043 results

((ARTIFICIAL INTELLIGENCE) WN KY)

1,473,680 results

# 首頁 — More



Engineering Village

Search ▾

Search history ▾ <sup>10</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

More ▾

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Search for artificial intelligence

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資源支援

查看機構歸屬

個人化帳號功能

## Recently searched

((carbon sink) WN ALL)

21,491 results

((("deep learning") WN KY)

733,043 results

((ARTIFICIAL INTELLIGENCE) WN KY)

1,473,680 results



# Quick Search | 快速檢索

# Quick Search



Engineering Village

Search ▾

Search history ▾ <sup>10</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

More ▾

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檢索框

檢索欄位

Search within

All fields ▾

All fields

Subject/Title/Abstract

Abstract

Author

First author

Author affiliation

Title

CODEN

Conference information

ISSN

Publisher

Source title

Controlled term

Uncontrolled term

Country of origin

Funding number

Funding sponsor

Funding information

Search documents \*

Search for artificial intelligence

2 databases are selected

Search

21,491 results

733,043 results

((ARTIFICIAL INTELLIGENCE) WN KY)

1,473,680 results

# Quick Search



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Search within

All fields

Search documents \*

Search for artificial intelligence

+ Add search field

增加檢索欄位

2 databases are selected

選擇檢索資料庫

Search

## Recently searched

((carbon sink) WN ALL)

21,491 results

("deep learning") WN KY)

733,043 results

((ARTIFICIAL INTELLIGENCE) WN KY)

1,473,680 results

## Available databases

Select all available databases

### Compendex

Comprised of journals, conference proceedings, dissertations, standards, books, and recently preprints, Compendex content is sourced from thousands of publishers from around the world, including major engineering societies such as IEEE, ASME, SAE and ACM.

### Inspec

The Inspec database, created by The Institution of Engineering and Technology (IET), contains over 22 million records from across global publishers to deliver quality content to a wide range of research communities.

### NTIS

The National Technical Information Service (NTIS) database is the US Federal Government's Clearinghouse for scientific, technical information (STEI) produced by or for Federal agencies, as such is the premier source of unclassified reports from the United States and international government agencies.

### PaperChem

PaperChem is a database of abstracted and indexed literature created specifically for research in the pulp and paper industries and academic departments, covering

# Quick Search



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Search history <sup>10</sup> ▾

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Selected records <sup>0</sup>

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Search documents \*

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## Recently searched

((carbon sink) WN ALL)

21,491 results

("deep learning") WN KY)

733,043 results

((ARTIFICIAL INTELLIGENCE) WN KY)

1,473,680 results

# Quick Search



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Search

Search history <sup>50</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

More

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Library icon

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The new, enhanced version of the Quick search is available.

[Try it now](#)

Quick search

All fields



for

Search for artificial intelligence



[Turn off AutoSuggest](#) | [+ Add search field](#) | [Reset form](#)

Databases ^

Date

Language

Document type

Sort by

Browse indexes

Autostemming

Discipline

Treatment

- All
- Compendex
- Inspec
- NTIS
- PaperChem
- Chimica
- CBNB
- GEOBASE
- GeoRef
- US Patents
- EP Patents
- WO Patents
- Knovel

選擇檢索資料庫

## NEW Better results and filtering for patents

We applied smart tagging to patents, so when you search for them, you will get more relevant results.



[Learn more](#)

Feedback

# Quick Search



Engineering Village

Search

Search history 50

Alerts 0

Selected records 0

More



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Quick search

All fields



for

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Turn off AutoSuggest | + Add search field | Reset form

Databases

Date

Language

Document type

Sort by

Browse indexes

Autostemming

Discipline

Treatment

Author

Author affiliation

Controlled term

Publisher

Source title



**Browse Index** : 可利用索引功能瀏覽 / 查詢作者、作者服務機構、EV 控制詞彙、期刊名稱和出版社。

Compendex subject indexing updates – more concepts covered!

Over the last two years we have introduced over 250 new subject concepts into the Compendex taxonomy to enable our users to track the latest trends in technology and science and to improve the discoverability of existing research.



View new concepts



Learn more

Feedback

# Quick Search



Engineering Village

Search ▾

Search history ▾ 50

Alerts 0

Selected records 0

More ▾

?

Library icon ▾

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Quick search

All fields ▾

for

*Search for artificial intelligence*



[Turn off AutoSuggest](#) | [+ Add search field](#) | [Reset form](#)

Databases ▾

Date ▾

Language ▾

Document type ▾

Sort by ▾

Browse indexes ^

Autostemming ▾

Discipline ▾

Treatment ▾

Author ↗

Author affiliation ↗

Controlled term ↗

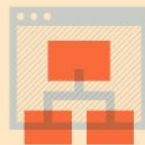
Publisher ↗



Source title ↗

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[View new concepts](#)



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首頁公告

Feedback

關鍵字



水庫 / Reservoir

# Quick Search



Engineering Village

Search ▾

Search history ▾ <sup>18</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

More ▾

🔍 ▾

🏛️ ▾

JH

[Back to original Quick search](#)

Discover the highest-quality engineering content, data, and intelligence

Search within

All fields ▾

Search documents \*

Reservoir water ×

+ Add search field

2 databases are selected

🔍 Search

## Recently searched

((508111 WN INSTID) AND (2013-2024 WN YR) AND ({723.2} WN cl))

4,298 results

((508111 WN INSTID) AND (2013-2024 WN YR) AND ({723.2} WN cl))

4,298 results

((508111 WN INSTID) AND (2013-2024 WN YR) AND ({machine learning} WN cv))

989 results

# 檢索結果



Quick search

All fields

for

Reservoir



Databases Date Language Document type

129,566 records found in Compendex for 1884-2024: ((

Create alert

Save search

Share search

RSS feed

Reset form

1 of 5,183 pages

Sort by: Relevance

Display: 25 results per page

## Refine

By physical property

Filter results by physical properties such as size, temperature, pressure and [many more](#).

By category

Download all

Limit to

Exclude

Add a term

Open Access

All Open Access 19,387

Gold 10,200

Hybrid Gold 2,309

Bronze 3,654

Preprint

1.

Drinking water reservoirs

Zhang, Jianming; Zhou, Yongqiang; Zhang, Yibo; Qin, Boqiang; Song, Chunqiao; Shi, Kun; Zhu, Guangwei; Hou, Xuejiao; Zhang, Yinjun; He, Shiwen; Woolway, R. Iestyn; Li, Na Source: *Science Bulletin*, 2024

Article in Press

Database: Compendex

Document type: Article in Press

Show preview

Full text

AutoSuggest Powered by Ei Thesaurus

Turn off

2.

Spread of antibiotic resistance genes in drinking water reservoirs: Insights from a deep metagenomic study using a curated database (Open Access)

Wang, Sai (Shanghai Yangtze River Delta Eco-Environmental Change and Management Observation and Research Station, Shanghai Cooperative Innovation Center for Modern Seed Industry, School of Agriculture and Biology, Shanghai Jiao Tong University, Shanghai, 200240, China); Nie, Wenhan; Gu, Qing; Wang, Xie; Yang, Danping; Li, Hongyu; Wang, Peihong; Liao, Weixue; Huang, Jin; Yuan, Quan; Zhou, Shengli; Ahmad, Iftikhar; Kotaro, Kiga; Chen, Gongyou; Zhu, Bo Source: *Water Research*, v 256, June 1, 2024

# 精確檢索



Engineering Village

Search

Search history <sup>26</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

More

?

Library

JH

Quick search

All fields



for

"Reservoirs water"



Turn off AutoSuggest | + Add search field | Reset form

Databases

Date

Language

Document type

Sort by

Browse indexes

Autostemming

Discipline

Treatment

53,094 records found in Compendex for 1884-2024: ("Reservoirs water") WN ALL

1 of 2,124 pages

Create alert

Save search

Share search

RSS feed

Sort by: Relevance

## Refine

By physical property

Filter results by physical properties such as size, temperature, pressure and [many more](#).

By category

Download all

Limit to

Exclude

Add a term

Open Access

All Open Access

11,512

Gold

6,249

Hybrid Gold

1,418

Preprint articles are included in these search results. To exclude them, please filter by document type. [Learn more](#)



Display: 25 results per page

1.  **Low Resistivity Pay Carbonate Reservoirs Water Saturation Estimation Problems and Solutions (A Case Study in the Middle East, Shuaiba Carbonate Reservoir)**

Aharipour, Hassan (Magma Energy Group Oil and Gas Consultant, Tehran, Iran); Azad, Amir; Hesani, Mahsa; Shoghi, Jaber; Hoseini, Maryam; Dahaghin, M.H.; Pourjahani, Sajad Source: *Springer Series in Geomechanics and Geoengineering*, p 1192-1203, 2024, *Proceedings of the International Field Exploration and Development Conference 2023 - Volume 5*

Database: Compendex

Document type: Conference article (CA)

Show preview

Full text

2.  **Bacterioplankton community as a biological element for reservoir**

Pinto, Ivo (Departamento de Biologia da Faculdade de Ciências da Universidade de Lisboa, Portugal); Lage, Olga M.; Antunes, Sara C. Source: *Water (Switzerland)*, v 13, n 20, October-2021

檢索結果文獻內容

Show preview 可切換「摘要顯示」或「詳細顯示」

# 檢索結果限縮



Engineering Village

Search

Search history 26

Alerts 0

Selected records 0

More

?

Library

JH

53,094 records found in Compendex for 1884-2024: ("Reservoirs water") WN ALL

1 of 2,124 pages

Create alert

Save search

Share search

RSS feed

Sort by: Relevance

Display: 25 results per page

## Refine

### By physical property

Filter results by physical properties such as size, temperature, pressure and many more.

### By category

Download all

Limit to

Exclude

Add a term

### Open Access

- All Open Access 11,512
- Gold 6,249
- Hybrid Gold 1,418
- Bronze 2,058
- Green 3,586

Learn more

### Document type

- Journal article 33,289
- Conference article 16,701
- Preprint 1,135

## By physical property :

針對 Compendex 和 Inspec 文獻，可利用 62 種物理屬性篩選相關研究文獻。

## Add a term :

針對檢索結果，在輸入關鍵字依需求選擇 Limit to ( 包含該條件 ) 或是 Exclude ( 剔除該條件 ) 進行限縮。

## Refine Results :

可依作者、作者所屬機構、國家、文獻類型、控制詞彙...等類別進階篩選，並可以同時勾選多個限縮條件，依需求選擇 Limit to ( 包含該條件 ) 或是 Exclude ( 剔除該條件 )。

# 檢索結果限縮 — By physical property

**Refine**

By physical property  
Filter results by physical properties such as size, temperature, pressure and many more ↗.

By category [Download all](#)

[Limit to](#) [Exclude](#)

[Add a term](#)

Open Access

- All Open Access 11,512
- Gold 6,249
- Hybrid Gold 1,418
- Bronze 2,058
- Green 3,586

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Document type

- Journal article 33,289
- Conference article 16,701
- Preprint 1,135
- Dissertation 945
- Book chapter 445

[Bar chart](#) [View more](#)

設定屬性範圍。

**Refine**

By physical property  
Filter results by physical properties such as size, temperature, pressure and many more ↗.

Percentage

There are 12,247 total results for Percentage

between from to

Percent (%) Refine

選擇該物理屬性度量單位。

可依照需求選擇不同物理屬性。

Percentage

- Percentage
- Power
- Pressure
- Radioactivity
- RotationalSpeed
- Size
- Specific Energy
- Specific Surface Area
- Specific Volume
- Surface Density
- Surface Power Density

- Effects of the 2021 La Palma volcanic eruption on groundwater hydrology in surface reservoirs, water-rock interaction and influence of thermal...  
Jiménez, Jon (Geological and Mining Institute of Spain (IGME), Spanish National Res...  
Samanta; Marazuela, Miguel Ángel; Baquedano, Carlos; Laspidou, Chrysi; Santama...  
15, 2024  
Database: Compendex  
Document type: Journal article (JA)  
Show preview [Full text](#)
- Correction to: Current Challenges and Advancements on the Management of Water Retreatment in Different Production Operations of Shale Reservoirs (Water, (2021), 13, 15, (2131), 10.3390/w13152131)

# 檢索結果限縮 — Refine Results

## Refine

### By physical property ▼

Filter results by physical properties such as size, temperature, pressure and [many more](#).

### By category

[Download all](#) ⬇ ⬆

Limit to

Exclude

Add a term

### Open Access 📊 ⬇ ⬆

- All Open Access 11,512
- Gold 6,249
- Hybrid Gold 1,418
- Bronze 2,058
- Green 3,586

[Learn more](#) ↗

### Document type 📊 ⬇ ⬆

- Journal article 33,289
- Conference article 16,701
- Preprint 1,135
- Dissertation 945
- Book chapter 445

📊 Bar chart

[View more](#) ➤



Display: 25 ▼ results per page

1.  **Low Resistivity Pay Carbonate Reservoirs Water Saturation Estimation Problems and Solutions (A Case Study in the Middle East, Shuaiba Carbonate Reservoir)**

Aharipour, Hassan (Magma Energy Group Oil and Gas Consultant, Tehran, Iran); Azad, Amir; Hesani, Mahsa; Shoghi, Jaber; Hoseini, Maryam; Dahaghin, M.H.; Pourjahani, Sajad **Source:** *Springer Series in Geomechanics and Geoengineering*, p 1192-1203, 2024, *Proceedings of the International Field Exploration and Development Conference 2023 - Volume 5*

Database: Compendex

Document type: Conference article (CA)

Show preview ▼

[Full text](#) ↗

2.  **Bacterioplankton community as a biological element for reservoirs water quality assessment** *(Open Access)*

Pinto, Ivo (Departamento de Biologia da Faculdade de Ciências da Universidade do Porto (FCUP), Rua do Campo Alegre s/n, Porto; 4169-007, Portugal); Calisto, Rita; Serra, Cláudia R.; Lage, Olga M.; Antunes, Sara C. **Source:** *Water (Switzerland)*, v 13, n 20, October-2 2021

Database: Compendex

Document type: Journal article (JA)

Show preview ▼

[Full text](#) ↗

## Refine Results :

提供 13 種欄位進行篩選，亦提供每一欄位進行圖表顯示及匯出功能。

Database: Compendex

Document type: Journal article (JA)

Show preview ▼

[Full text](#) ↗

4.  **Correction to: Current Challenges and Advancements on the Management of Water Retreatment in Different Production Operations of Shale Reservoirs** (*Water*, (2021), 13, 15, (2131), 10.3390/w13152131)

# Refine Results

Quick search: All fields for "Reservoirs water"

53,094 records found for comparison for 2003-2024 ["Reservoirs water"] (WJAZ)

Refine filters:

- Open Access: All Open Access (1,019), Gold (1,019), Hybrid Gold (1,019), Bronze (1,019), Green (1,019)
- Document type: Journal article (1,019), Conference article (1,019), Preprint (1,019), Dissertation (1,019), Book chapter (1,019)
- Author affiliation: University of Chinese Academy of Sciences (1,019), State Key Laboratory of Water Resources and Hydropower Engineering Science, Wuhan University (1,019), College of Hydrology and Water Resources, Hohai University (1,019), China Institute of Water Resources and Hydropower Research (1,019)
- Controlled vocabulary: Reservoirs (1,019), Reservoir (1,019), Reservoirs (1,019), Reservoirs (1,019), Reservoirs (1,019)
- Classification code: Reservoirs (1,019), Reservoirs (1,019), Reservoirs (1,019), Reservoirs (1,019)
- Country/Region: China (1,019), United States (1,019), United Kingdom (1,019), Canada (1,019), India (1,019)
- Language: Year (1,019), Source title (1,019), Author (1,019), Funding source (1,019), ICS code (1,019), Status (1,019)

## Open Access

<input type="checkbox"/> All Open Access	11,512
<input type="checkbox"/> Gold	6,249
<input type="checkbox"/> Hybrid Gold	1,418
<input type="checkbox"/> Bronze	2,058
<input type="checkbox"/> Green	3,586

[Learn more](#)

內文  
OA 比例

## Document type

<input type="checkbox"/> Journal article	33,289
<input type="checkbox"/> Conference article	16,701
<input type="checkbox"/> Preprint	1,135
<input type="checkbox"/> Dissertation	945
<input type="checkbox"/> Book chapter	445

[Bar chart](#)

[View more](#)

文獻類型

## Author

<input type="checkbox"/> Guo, Shenglian	158
<input type="checkbox"/> Liu, Pan	132
<input type="checkbox"/> Wang, Hao	115
<input type="checkbox"/> Huang, Tinglin	100
<input type="checkbox"/> Huang, Qiang	98

[View more](#)

作者

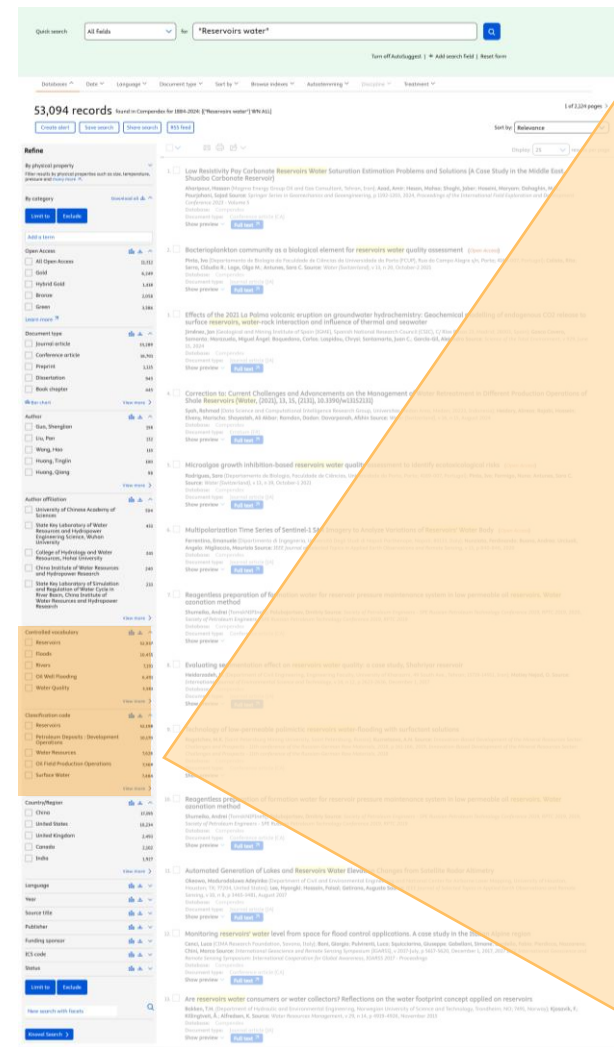
## Author affiliation

<input type="checkbox"/> University of Chinese Academy of Sciences	504
<input type="checkbox"/> State Key Laboratory of Water Resources and Hydropower Engineering Science, Wuhan University	453
<input type="checkbox"/> College of Hydrology and Water Resources, Hohai University	241
<input type="checkbox"/> China Institute of Water Resources and Hydropower Research	240
<input type="checkbox"/> State Key Laboratory of Simulation and Regulation of Water Cycle in River Basin, China Institute of Water Resources and Hydropower Research	233

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# Refine Results



## Controlled vocabulary

- Reservoirs 52,937
- Floods 10,455
- Rivers 7,191
- Oil Well Flooding 6,491
- Water Quality 5,581

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## Controlled Vocabulary

依 Thesaurus 索引典分類，將研究文獻分類至一個或多個受控詞彙術語，協助將口語化的詞語歸類成專業術語再延伸。

## Classification code

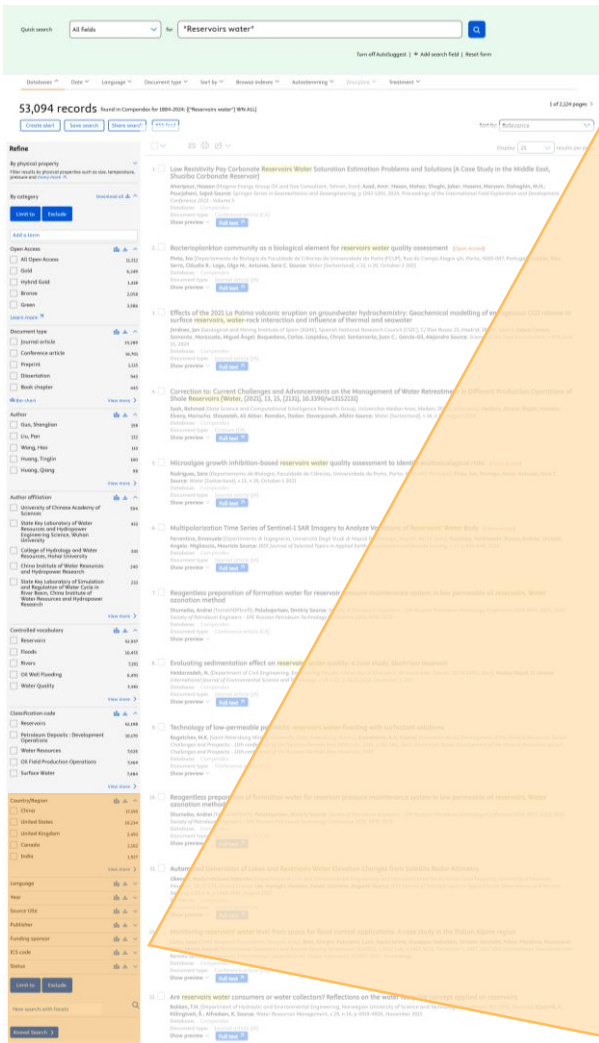
- Reservoirs 52,198
- Petroleum Deposits : Development Operations 10,170
- Water Resources 7,626
- Oil Field Production Operations 7,569
- Surface Water 7,484

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## Classification Code

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<input type="checkbox"/> China	17,395
<input type="checkbox"/> United States	10,234
<input type="checkbox"/> United Kingdom	2,493
<input type="checkbox"/> Canada	2,102
<input type="checkbox"/> India	1,927

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Language	Count
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<input type="checkbox"/> Chinese	1,234
<input type="checkbox"/> Spanish	567
<input type="checkbox"/> French	345
<input type="checkbox"/> German	234
<input type="checkbox"/> Japanese	123
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<input type="checkbox"/> Korean	67
<input type="checkbox"/> Italian	45
<input type="checkbox"/> Portuguese	34
<input type="checkbox"/> Arabic	23
<input type="checkbox"/> Hindi	12
<input type="checkbox"/> Bengali	11
<input type="checkbox"/> Urdu	10
<input type="checkbox"/> Persian	9
<input type="checkbox"/> Vietnamese	8
<input type="checkbox"/> Thai	7
<input type="checkbox"/> Indonesian	6
<input type="checkbox"/> Malay	5
<input type="checkbox"/> Tagalog	4
<input type="checkbox"/> Filipino	3
<input type="checkbox"/> Vietnamese	2
<input type="checkbox"/> Thai	1
<input type="checkbox"/> Indonesian	1
<input type="checkbox"/> Malay	1
<input type="checkbox"/> Tagalog	1
<input type="checkbox"/> Filipino	1

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- Dissertation 945
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Author   

- Guo, Shenglian 158
- Liu, Pan 132
- Wang, Hao 115
- Huang, Tinglin 100
- Huang, Qiang 98

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<input type="checkbox"/> Delshad, Mojdeh 67	<input type="checkbox"/> Hou, Jian 47
<input type="checkbox"/> Lei, Xiaohui 64	<input type="checkbox"/> Wang, Jian 47
<input type="checkbox"/> Zhang, Jian 64	<input type="checkbox"/> Xu, Bin 47
<input type="checkbox"/> Wang, Jing 63	<input type="checkbox"/> Chang, Fi-John 46
<input type="checkbox"/> El-Shafie, Ahmed 60	<input type="checkbox"/> Mohanty, Kishore K. 46
<input type="checkbox"/> Wang, Rui 60	<input type="checkbox"/> Peng, Yong 46
<input type="checkbox"/> Chen, Xiaohong 59	<input type="checkbox"/> Li, Nan 45




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- Preprint 1,135
- Dissertation 945
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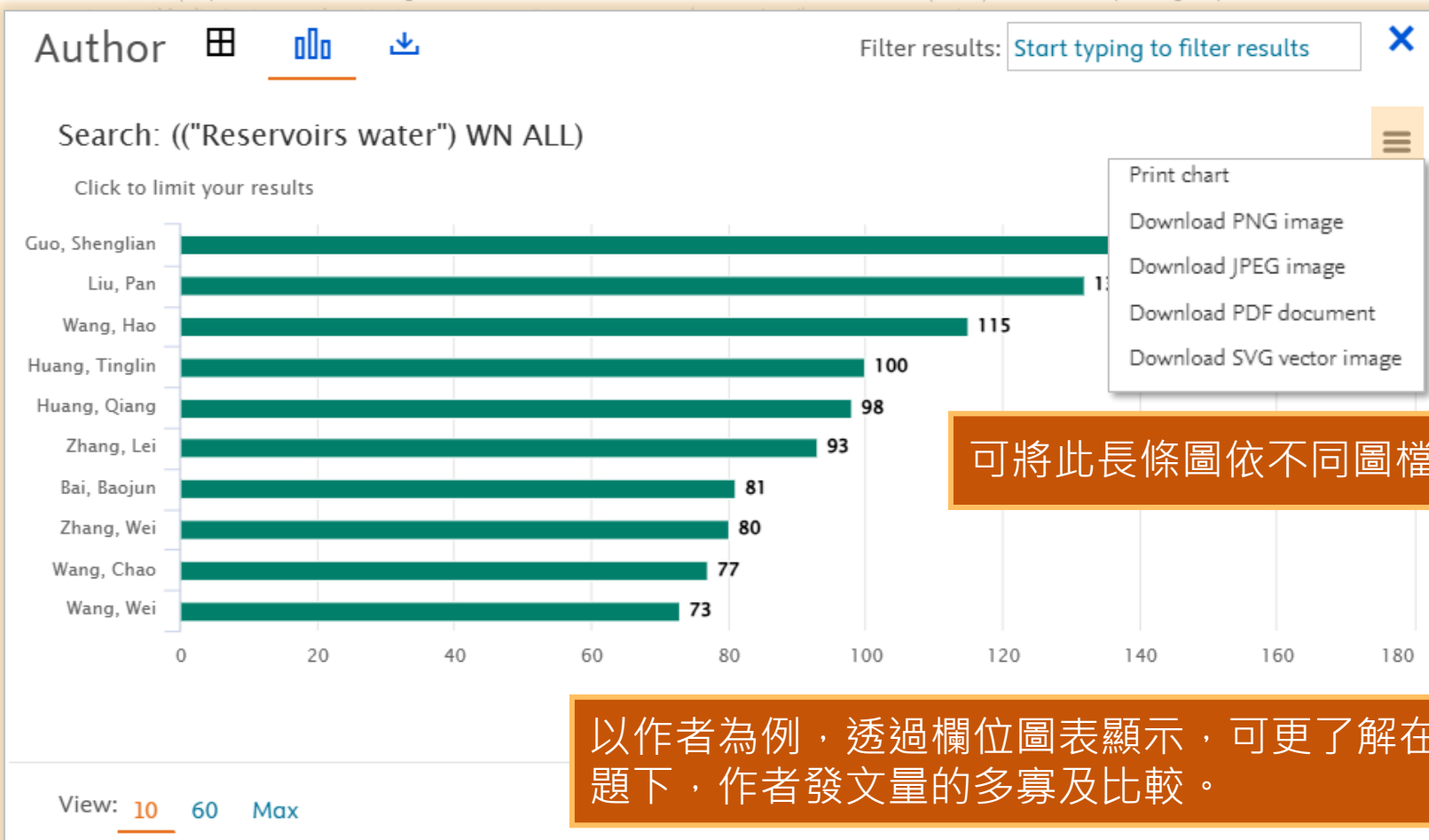
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Author   

- Guo, Shenglian 158
- Liu, Pan 132
- Wang, Hao 115
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- Huang, Qiang 98

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2.  Bacterioplankton community as a biological element for reservoirs water quality assessment (Open Access)  
Pinto, Ivo (Departamento de Biologia da Faculdade de Ciências da Universidade do Porto (FCUP), Rua do Campo Alegre s/n, Porto; 4169-007, Portugal); Calisto, Rita;



可將此長條圖依不同圖檔格式儲存。

以作者為例，透過欄位圖表顯示，可更了解在該主題下，作者發文量的多寡及比較。

Source: *Water (Switzerland)*, v 13, n 19, October-1 2021  
Database: Compendex

Antunes, Sara C.

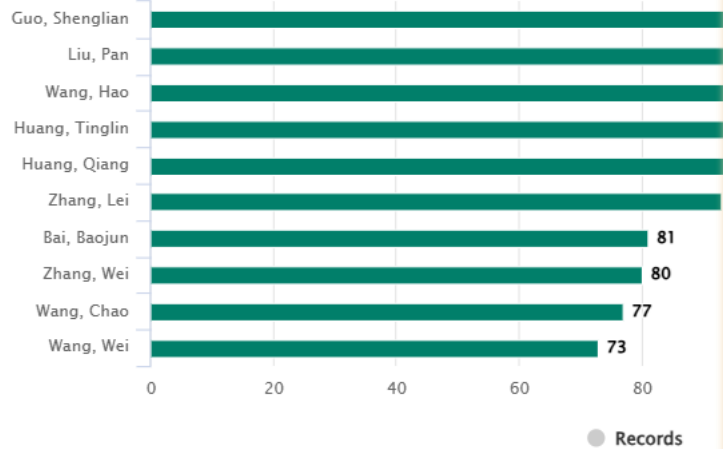
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Author

Search: ("Reservoirs water") WN ALL

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Reservoirs' Water Body (Open Access)

Parthenope, Napoli; 80133, Italy); Nunziata, Ferdinando; Buono, Andrea; Urciuoli,

Author	Count
Guo, Shenglian	158
Liu, Pan	132
Wang, Hao	115
Huang, Tinglin	100
Huang, Qiang	98
Zhang, Lei	93
Bai, Baojun	81
Zhang, Wei	80
Wang, Chao	77
Wang, Wei	73
Zhou, Jianzhong	73
Li, Wei	70
Singh, Vijay P.	70
Huang, Ting-Lin	69
Delshad, Mojdeh	67
Lei, Xiaohui	64
Zhang, Jian	64
Wang, Jing	63

Reservoirs water-Author

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- Conference article
- Dissertation
- Book chapter
- Preprint

Bar chart

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Author

- Guo, Shenglian (136)
- Liu, Pan (117)
- Wang, Hao (91)
- Huang, Qiang (88)

6. Technology of low-pe

Rogatchev, M.K. (Saint Pete  
Challenges and Prospects - 1  
Challenges and Prospects - 1  
Database: Compendex  
Document type: Conference article (CA)

Engineering\_Villa....csv

全部顯示

# 曾文水庫象鼻管工程

## 全球首創象鼻鋼管 曾文水庫防淤隧道近完工



防淤隧道的啟用，有助於曾文水庫的「延壽」。(記者吳俊鋒攝)

[記者吳俊鋒 / 台南報導] 經濟部水利署斥資逾40億元，在國內最大的曾文水庫打造防淤隧道，有全球首創的「象鼻鋼管」及出水口罕見的「山體消能」等設計，儘管施作上較為困難，但目前進度已近98.5%，即將完工、落成。

曾文水庫已經「43歲」，在卡玫基、莫拉克等大型颱風豪雨的衝擊下淤積嚴重，預計隧道啟用後，可帶來每年排砂量104萬立方米的效益，若以抽泥船的清理成本來換算，每年可省下近7億元的支出。

南區水資源局副局長簡振源表示，目前曾文水庫的有效蓄水量，僅剩原設計規模的6成3，嚴重「折壽」，陸挖、抽泥，緩不濟急，防淤隧道有其迫切性。

防淤隧道是從左側大壩上游處引水進入，沿著緊鄰的山體，直接導入下方的曾文溪，對於延長水庫壽命，助益不小。

簡振源指出，防淤隧道於102年3月份開工，設計長度超過1.2公里，由於曾文水庫的水位高低差達60米，在進水口的建造、貫通上，難以採取較為常見的圍堰或岩塞爆破等設計，因此邀集專家學者集思廣益，研究出世界首創的象鼻鋼管工法。

至於出水口，在消能池的設計上，採中間柱的方式，區分南、北兩側，並於山體內開鑿大洞，透過3個跌水工，減緩從隧道內傾洩而下的流速，降低河川護岸的衝擊。

曾文水庫防淤隧道將成為國內第1件啟用的水庫防淤隧道，已接近完工，由於設計上較為特殊，水利署辦理台美水資源技術30週年系列活動時，也專程帶領美國墾務局專家南下參觀，一行人對於這項建設都讚賞不已。

# 檢索結果限縮 — 曾文水庫象鼻管工程

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Tseng-Wen Reservoirs

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[Document type](#)

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- Conference article 16,701
- Preprint 1,135

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## 1. Low Resistivity Pay Carbonate Reservoirs Water Saturation Estimation Problems and Solutions (A Case Study in the Middle East, Shuaiba Carbonate Reservoir)

Aharipour, Hassan (Magma Energy Group Oil and Gas Consultant, Tehran, Iran); Azad, Amir; Hesani, Mahsa; Shoghi, Jaber; Hoseini, Maryam; Dahaghin, M.H.; Pourjahani, Sajad Source: *Springer Series in Geomechanics and Geoengineering*, p 1192-1203, 2024, *Proceedings of the International Field Exploration and Development Conference 2023 - Volume 5*

Database: Compendex  
Document type: Conference article (CA)

## 2. Bacterioplankton community as a biological element for reservoirs water quality assessment (Open Access)

Pinto, Ivo (Departamento de Biologia da Faculdade de Ciências da Universidade do Porto (FCUP), Rua do Campo Alegre s/n, Porto; 4169-007, Portugal); Calisto, Rita; Serra, Cláudia R.; Lage, Olga M.; Antunes, Sara C. Source: *Water (Switzerland)*, v 13, n 20, October-2 2021

Database: Compendex  
Document type: Journal article (JA)  
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## 3. Effects of the 2021 La Palma volcanic eruption on groundwater hydrochemistry: Geochemical modelling of endogenous CO2 release to surface reservoirs, water-rock interaction and influence of thermal and seawater

Jiménez, Jon (Geological and Mining Institute of Spain (IGME), Spanish National Research Council (CSIC), C/ Ríos Rosas 23, Madrid; 28003, Spain); Gasco Cavero, Samanta; Marazuela, Miguel Ángel; Baquedano, Carlos; Lapidou, Chrysi; Santamarta, Juan C.; García-Gil, Alejandro Source: *Science of the Total Environment*, v 929, June 15, 2024

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Journal article 18

Conference article 6

### Controlled vocabulary

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Reservoirs 24

Hurricanes 7

Water Quality 7

Floods 5

Land Use 5

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## 1. Discharging Compacted Sediment by Underwater Blasting in Conjunction with a Desilting Tunnel in the Tseng-Wen Reservoir of Taiwan

Yu, Teng-To (Dept. of Resources Engineering, National Cheng Kung Univ., 1 University Rd., Tainan; 701, Taiwan); Peng, W.F.; Cheng, Y.S.; Wu, P.Y. Source: *Journal of Performance of Construction*, v 17, n 1, p 1-10, 2013

Database  
Document  
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## 2. The development of a fuzzy logic-based reservoir management system

Chen, Yu-Tung; Chen, You-Wei. Source: *Journal of Performance of Construction*, v 17, n 1, p 11-18, 2013

Database  
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## 3. Real-time monitoring and control of a tunnel during construction

Huang, Ching-Hsiung; Chen, You-Wei. Source: *Journal of Performance of Construction*, v 17, n 1, p 19-26, 2013

Database  
Document  
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## 4. Three-dimensional simulation of sediment transport in a reservoir

Wu, Jian-Ping; Chang, Liang-Cheng; Ho, Chih-Chao; Chen, You-Wei. Source: *Journal of Performance of Construction*, v 17, n 1, p 27-34, 2013

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### Controlled vocabulary

- Reservoirs 24
- Hurricanes 7
- Water Quality 7
- Floods 5
- Land Use 5
- Reservoir Management 5
- Watersheds 5
- Flood Control 4
- Water Conservation 4
- Water Management 4
- Decision Making 3
- Fuzzy Inference 3
- Genetic Algorithms 3
- Storms 3
- Tunnels 3
- Water Supply 3
- Weather Forecasting 3
- Acoustic Emission Testing 2
- Adaptive Control Systems 2
- Agriculture 2
- Catchments 2

- Image Classification 2
- Information Management 2
- Information Use 2
- Landforms 2
- Multiobjective Optimization 2
- Neural Networks 2
- Potable Water 2
- Quality Control 2
- Rain 2
- Risk Assessment 2
- Rivers 2
- Runoff 2
- Satellite Imagery 2
- Soil Conservation 2
- Turbidity 2
- Water Analysis 2
- Water Pollution 2
- Acoustic Emissions 1
- Agricultural Pollution 1
- Antennas 1
- Antibiotics 1

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Reservoirs

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- Three-dimensional in situ stress evaluation using a new under-coring technique: The Tseng-Wen Reservoir**  
Wu, Jian-Hong (Department of Civil Engineering, National Cheng Kung University, Tainan, Taiwan); Pan, Yu-Wei Source: *Environmental & Earthquake Engineering*, v 6, n 1, p 1-10, 2013  
January 2013  
Database: Compendex  
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- Late Holocene episodic Transbasin Diversion P**  
Hsieh, Meng-Long (Department of Civil Engineering, National Cheng Kung University, Tainan, Taiwan); Wu, Jian-Hong Source: *Environmental & Earthquake Engineering*, v 6, n 1, p 11-19, 2013  
June 12, 2013  
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- Experimental validation of core-based pre-stress evaluations in rock: A case study of Changchikeng sandstone in the Tseng-wen reservoir transbasin water tunnel**  
Wu, Jian-Hong (Department Civil Engng, National Cheng Kung University, No. 1, University Road, 701, Tainan, Taiwan); Jan, Shu-Chi Source: *Bulletin of Engineering Geology and the Environment*, v 69, n 4, p 549-559, 2010  
Database: Compendex  
Document type: Journal article (JA)

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Document type

Journal article 3

Controlled vocabulary

Reservoirs 3

Acoustic Emission Testing 2

Deformation 2

Acoustic Emissions 1

Flood Control 1

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- Three-dimensional in situ stress evaluation using a new under-coring technique: The Tseng-Wen Reservoir Transbasin water tunnel**  
**Wu, Jian-Hong** (Department of Civil Engineering, National Cheng Kung University, Tainan, Taiwan); **Pan, Yu-Wei** Source: *Environmental Earth Sciences*, v 68, n 1, p 77-86, January 2013  
Database: Compendex  
Document type: Journal article (JA)  
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- Late Holocene episodic river aggradation along the Lao-nong River (southwestern Taiwan): An application to the Tseng-wen Reservoir Transbasin Diversion Project**  
**Hsieh, Meng-Long** (Department of Earth and Environmental Sciences, National Chung Cheng University, Chiayi, Taiwan); **Capart, Hervé** Source: *Engineering Geology*, v 159, p 83-97, June 12, 2013  
Database: Compendex  
Document type: Journal article (JA)  
Show preview  Cited by in Scopus (17) [Full text](#)
- Experimental validation of core-based pre-stress evaluations in rock: A case study of Changchikeng sandstone in the Tseng-wen reservoir transbasin water tunnel**  
**Wu, Jian-Hong** (Department Civil Engng, National Cheng Kung University, No. 1, University Road, 701, Tainan, Taiwan); **Jan, Shu-Chi** Source: *Bulletin of Engineering Geology and the Environment*, v 69, n 4, p 549-559, 2010  
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Abstract

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Metrics

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Bibliographic Information

Compendex references

20



Compendex • Journal article (JA)

Three-dimensional in situ stress evaluation using a new under-coring technique: The Tseng-Wen Reservoir Transbasin water tunnel

*Environmental Earth Sciences*, Volume 68, Issue 1, Pages 77-86, January 2013

[Wu, Jian-Hong<sup>\[1\]</sup>](#) ✉ ; [Pan, Yu-Wei<sup>\[1\]</sup>](#)

**Corresponding author: Wu, J.-H.** ✉

**Author affiliation:**

[1] Department of Civil Engineering, National Cheng Kung University, Tainan, Taiwan

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1866-6280

**E-ISSN**

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**DOI**

10.1007/s12665-012-1717-9

快速切換段落

## Abstract

The Tseng-Wen Reservoir Transbasin water tunnel has broken the historic overburden of a tunnel within Taiwan. The three-dimensional in situ stress evaluated using acoustic emission (AE) and deformation rate analysis (DRA) technique. This is the first time that the AE and DRA have been used in evaluation in Taiwan. As cores drilled in different directions are required for the three-dimensional stress evaluation, but the in situ borehole drilling is usually limited to the vertical direction. In this study, 2.28 cm in diameter and 4.56 cm in length were under-cored from the borehole in different directions to evaluate the in situ stresses. Cyclic uniaxial compressive load

**Authors**：點選作者名字找到更多該作者發表的文章

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**Abstract**：文章內容摘要

# 文獻全記錄：索引

Abstract

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## Indexing

### Main heading:

Stresses

**Main heading**：本文主要討論主題。

### Controlled terms:

Acoustic emission testing Tunnels Deformation Reservoirs

**Controlled term**：EV編輯指定的控制索引詞彙分類。

### Uncontrolled terms:

Borehole drilling Deformation rate analysis Historical records  
Three-dimensional stress Under-coring Uniaxial compressive loading  
Vertical direction Water tunnel

**Uncontrolled term**：本文中的關鍵字集合。

### Classification codes:

401.2 Tunnels and Tunneling  
441.2 Reservoirs  
751.2 Acoustic Properties of Materials

**Classification codes**：當含義可能因用法而異時，利用不同主題分類將其歸類重組，並利用數字分類代碼區分。

### Numerical data indexing:

Pressure 3.08e+07Pa to 3.90e+07Pa, Size 2.28e-02m, Size 4.16e+02m to 7.39e+02m, Size 4.502m

**Numerical data indexing**：該文獻中所含物理條件及區間。

He, Xuhu; Zhou, Anqi; Chen, Bing

(2023) *Frontiers of Structural and Civil Engineering*

Database: Compendex

Model to study tunnels in

squeezing clay-rich rocks



, Marte;

(2021) *Geotechnical Testing Journal*

# 文獻全記錄：指標

- Abstract
- Indexing
- Metrics
- Funding
- Bibliographic Information
- Compendex references 20

## Metrics

Scopus  



此功能可以瞭解此篇文章自發表後持續被使用與關注的情形，即時掌握文章被使用情形，並觀測網路上的各種意見，以促進更多的學術交流與互動。

# 文獻全記錄：基金

Abstract

Indexing

Metrics

Funding

Supplementary Information

Compendex references 20

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## Funding ^

### Funding details:

Number	Acronym	Sponsor
NSC95-2221-E-006-111-MY3	NSC	National Science Council

提供此篇文章的基金來源

### Funding text:

**Acknowledgments** The authors would like to thank the financial support from the National Science Council of Taiwan (NSC95-2221-E-006-111-MY3) and the technical support from PAC and MTS. In addition, special thanks are given to the officers in the Southern Region Water Resources Office, WRA, MOEA, Taiwan and the engineers in United Geotech., Inc., Taiwan for their help to get the core. Appreciation is also given to the reviewers for their valuable suggestions.

# 文獻全記錄：補充資料

[Abstract](#)

[Indexing](#)

[Metrics](#)

[Funding](#)

[Supplementary Information](#)

[Compendex references](#) 20

[Back to top](#)

## Supplementary Information

**Issue date:** January 2013

**Publication year:** 2013

**Language:** English

**Abbreviated source title:** Environ. Earth Sci.

**Number of references:** 20

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提供此篇文章的書目資訊

# 文獻全記錄：參考文獻

Abstract

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Funding

Supplementary Information

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[Back to top](#)

## Compendex references (20)

1. [No title available]

Lin, H.M.; Wu, J.H.; Lee, D.H.

*Evaluating the pre-stress of Mu-Shan sandstone using acoustic emission and deformation rate analysis*, p 215-222, **2006**

2. Engineering behavior of phyllite

Ramamurthy, T.; Venkatappa, R.G.; Singh, J.

*Eng Geol*, v 33, p 209-225, **1993**

3. Preliminary results of stress measurement using drill cores of TCDP Hole-A: an application of anelastic strain recovery method to three-dimensional in situ stress determination

Lin, W.; Yeh, E.C.; Ito, H.; Hirono, T.; Soh, W.; Wang, C.Y.; Ma, K.F.; Hung, J.H.; Song, S.R.

*Tao*, v 18, n 2, p 379-393, **2007**

4. An overview of rock stress measurement methods

Ljunggren, C.; Chang, Y.; Janson, T.; Christiansson, R.

*Int J Rock Mech Min*, v 40, p 975-989, **2003**

提供此篇文章的參考文獻列表

# 文獻全記錄：Related Documents

右側區塊提供與此篇文章的Related Documents ( 相關文獻 )

## Related documents

### Journals

#### Experiment on single-tunnel fire in concrete immersed tunnels

Lin, Jianqing; Dong, Yuli; Duan, Jintao;  
Zhang, Dashan; Zheng, Wei

(2021) *Tunnelling and Underground Space Technology*

Database: Compendex

#### Deformation control criterion of shield tunnel under lateral relaxation of soft soil

Wang, Shimin; Peng, Xiaoyu; Zhou, Hang; He, Xuhu;  
Zhou, Anqi; Chen, Bing

(2023) *Frontiers of Structural and Civil Engineering*

Database: Compendex

#### New physical model to study tunnels in squeezing clay-rich rocks

Arora, Ketan; Gutierrez, Marte; Hedayat, Ahmadreza

(2021) *Geotechnical Testing Journal*

Database: Compendex

[View all journals](#)

### Conferences

### Articles in Press

### Book Chapters

### Preprints

[View all related documents](#)

1,962 records

found in Compendex, Inspec, NTIS, PaperChem, Chimica, CBNB, GEOBASE, GeoRef, US Patents, EP Patents, Knovel & WO Patents for 1666-2024: ( {{{Acoustic emission testing} AND {Tunnels}} OR {{{Acoustic emission testing} AND {Deformation}} OR {{{Acoustic emission testing} AND {Reservoirs water}} OR {{{Tunnels} AND {Deformation}} OR {{{Tunnels} AND {Reservoirs water}} OR {{{Deformation} AND {Reservoirs water}}) WN ALL AND (((NU\_PRESSURE GTE 3.08e+07 Pa) AND ((NU\_PRESSURE LTE 3.90e+07 Pa))) OR (((NU\_SIZE GTE 2.28e-02 m) AND ((NU\_SIZE LTE 7.39e+02 m)))) AND (((\*) WN DB) NOT (c84 WN DB) NOT (ibf WN DB) NOT (ibs WN DB) NOT (zbf WN DB)))

1 of 79 pages >

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Sort by: Relevance

## Refine

Remove duplicates ?

By physical property

Filter results by physical properties such as size, temperature, pressure and [many more](#).

By category

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Limit to

Exclude

Add a term

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All Open Access

356

Gold

263

Hybrid Gold

35

Bronze

37



Display: 25 results per page

- Experiment on single-tunnel fire in concrete immersed tunnels**  
**Lin, Jianqing** (College of Civil Engineering, Huaqiao University, Xiamen; 361021, China); **Dong, Yuli; Duan, Jintao; Zhang, Dashan; Zheng, Wei** Source: *Tunnelling and Underground Space Technology*, v 116, October 2021  
Database: Compendex  
Document type: Journal article (JA)  
Show preview [Full text](#)
- Deformation control criterion of shield tunnel under lateral relaxation of soft soil**  
**Wang, Shimin** (Key Laboratory of Transportation Tunnel Engineering, Ministry of Education, Southwest Jiaotong University, Chengdu; 610036, China); **Peng, Xiaoyu; Zhou, Hang; He, Xuhu; Zhou, Anqi; Chen, Bing** Source: *Frontiers of Structural and Civil Engineering*, v 17, n 5, p 780-795, May 2023  
Database: Compendex  
Document type: Journal article (JA)  
Show preview [Full text](#)
- New physical model to study tunnels in squeezing clay-rich rocks**  
**Arora, Ketan** (Department of Civil and Environmental Engineering, Colorado School of Mines, 1500 Illinois St., Golden;



# Expert Search | 專家檢索

# 切換至專家檢索



Engineering Village

Search

Search history <sup>29</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

More

?

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Expert search

e.g. ((ad\*hoc networks WN  
(wireless WN PN OR netwo

ks WN CV) AND {protocols} WN ALL) AND



Reset form

Databases

Date

Sort by

Autos

rowse indexes

- All
- Compendex
- Inspec
- GEOBASE
- GeoRef

- Chimica
- CBNB
- WO Patents
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Alerts <sup>0</sup>

Selected records <sup>0</sup>

More

?

Library

JH

Expert search

e.g. ((ad\*hoc networks WN CV OR wireless sensor networks WN CV) AND {protocols} WN ALL) AND (wireless WN PN OR network WN PN)

在檢索框中輸入檢索辭彙、檢索欄位代碼、布林邏輯等。

Reset form

Databases

Date

Sort by

Autostemming

Search codes

Browse indexes

Database

Code = Field

Code = Field

c = Compendex  
i = Inspec  
n = NTIS  
pc = PaperChem  
cm = Chimica  
cb = CBNB  
g = GEOBASE  
f = GeoRef  
u = US Patents

AB = Abstract (c,i,n,pc,cm,cb,g,f,u,e,w,k)  
ACT = Open Access type (c)  
AN = Accession number (c,i,n,pc,g,f,k)  
AF = Affiliation/Assignee (c,i,n,pc,cm,g,f,u,e,w)  
ALL = All fields (c,i,n,pc,cm,cb,g,f,u,e,w,k)  
ANN = Annotation (f)  
AI = Astronomical indexing (i)  
AU = Author/Inventor (c,i,n,pc,g,f,u,e,w,k)  
FIRSTAU = First author (c,i,pc,g,f)

LA = Language (c,i,n,pc,cm,cb,g,f,k)  
MS = Map Scale (f)  
MP = Map Type (f)  
MI = Material identity number (i)  
AG = Monitoring agency (n)  
NT = Notes (n)  
NU = see Numerical Data Codes (c,i)  
NI = Numerical indexing (i)  
OC = Original classification code (i)

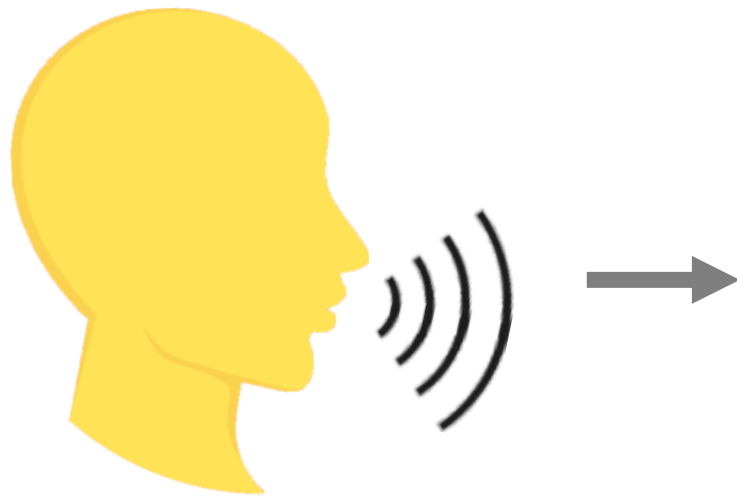
Codes displayed will depend on your current database selection

檢索代碼



# Thesaurus search | 索引典檢索

# Thesaurus 索引典概念介紹



## 自然語言

容易因詞彙認知與用法有所差異  
造成混淆及模稜兩可的情況

## THESAURUS 索引典

將自然語言分類重組為 **廣義詞**、**狹義詞**、**相關詞**

對同一概念採用固定的詞彙表達，以達到控制詞彙目的，  
清楚呈現整個主題概念的結構，進而 **提高檢索的精確度**。

# Thesaurus 索引典範例

**Broader Term**  
廣義詞

Climatology  
氣候

**Related Term**  
相關詞

Climate Change  
氣候變遷

Air pollution  
空氣汙染

**Narrow Term**  
狹義詞

Greenhouse effect  
溫室效應

Global warming  
全球暖化

Air quality  
空氣品質

# Thesaurus 索引典檢索



Engineering Village

Search

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JH

Thesaurus search:

Vocabulary search

for

e.g. cor

Database:



Compendex



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# Thesaurus 索引典檢索



Engineering Village

Thesaurus search: Vocabulary search for *e.g. computer simulation*

Database:  perChem  GEOBASE  GeoRef

Did you know?  
You can now search a year range and specify a date range, especially useful when saving a search at the end of the current year.

On Quick search: select the "Date" search option and then select "Latest" for the end year.

Try Quick search

## Vocabulary Search

顯示所有相似意義的控制詞彙

## Exact Term

顯示該詞彙階層關係

## Browse

該詞彙的字母順序位置，但不一定在意義上有關係

# Thesaurus 索引典檢索檢索 — Vocabulary Search



Engineering Village

Search

Search history 29

Alerts 0

Selected records 0

More



Thesaurus search:

Vocabulary search

for

Reservoirs (water)



Database:



Compendex



Inspec



PaperChem



GEOBASE



GeoRef

19 matching terms ^

Reservoirs (water)

1 of 2 >

Term

- Reservoirs (water)
- Algae
- Catchments
- Dams
- Hydraulic structures

Term

- Lakes
- Potable water
- Recreational facilities
- Reservoir inlets
- Reservoir linings

Selected term(s) >

Select term by using the checkboxes or find additional terms by clicking on the term...



AND



OR

利用 Vocabulary 檢索關鍵字，可查索引典字典有關連的關鍵詞。

Reset form



# Thesaurus 索引典檢索 — Browse



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Search

Search history <sup>29</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

More

?

Library

JH

Thesaurus search:

Browse



for

Reservoirs (water)



Database:



Compendex



Inspec



PaperChem



GEOBASE



GeoRef

## Browse term results ^

Reservoirs (water)

< Previous | Next >

Term

Reservoir management

Reservoirs

*Reservoirs (petroleum)*

Reservoirs (water)

Reservoirs--Algae

Term

Reservoirs--Bacteriology

Reservoirs--Inlets

Reservoirs--Lining

Reservoirs--Recreational facilities

Reservoirs--Rock mechanics

Selected term(s) >

Select term by using the checkboxes or find additional terms by clicking on the term...



AND



OR

利用 Browse 檢索索引典，可查看文字符合索引典字典的關鍵詞

Reset form



# Thesaurus 索引典檢索 — Exact Term



Engineering Village

Search ▾

Search history ▾ 29

Alerts 0

Selected records 0

More ▾

? ▾

Library icon ▾

JH

Thesaurus search:

Exact term ▾

for

Reservoirs (water)



Database:

- Compendex  Inspec  PaperChem  GEOBASE  GeoRef

## Exact term results ^

Reservoirs (water)

Reservoirs (water)

For: Reservoirs; Water reservoirs

Broader terms

Hydraulic structures

Related terms

Algae

Catchments

Dams

Narrower terms

Reservoir inlets

Reservoir linings

Underground reservoirs

點擊即可延伸查看該詞彙的廣義、關聯、狹義詞

Recreational facilities

Rock mechanics

Seepage

Thermal stratification

Water bacteriology

Water supply

Weed control

Selected term(s) >

Select term by using the checkboxes or find additional terms by clicking on the term...

- AND  
 OR

Reset form



利用 **Exact term** 檢索關鍵字，可查索引典字典有廣義、狹義、關聯的關鍵詞

# Thesaurus 索引典檢索 — Exact Term



Engineering Village

Search

Search history 29

Alerts 0

Selected records 0

More

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Library icon

JH

Thesaurus search:

Exact term

for

Reservoirs (water)



Database:



Compendex



Inspec



PaperChem



GEOBASE



GeoRef

Exact term results ^

Reservoirs (water) > Dams

Dams

Broader terms

Hydraulic structures

Related terms

Flexible structures

Flood control

Hydroelectric power plants

Ice control

Reservoirs (water)

River basin projects

Seepage

Spillways

Uplift pressure

Water supply

Narrower terms

Arch dams

Buttress dams

Concrete dams

Embankment dams

Fishways

Gravity dams

Movable dams

Weirs

由此可查看當前關鍵詞或點擊返回之前的關鍵詞。

Selected term(s) >

Gravity dams

Arch dams

AND

OR

可勾選多個詞彙後，利用布林邏輯組合後點擊放大鏡圖示搜尋，若點擊關鍵詞後面的x可以取消搜尋。

# Thesaurus 索引典檢索結果

3,212 records found in Compendex for 1884-2024: (((({Arch dams} WN CV) OR ({Gravity dams} WN CV))))

1 of 129 pages >

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Display: 25 results per page

## Refine

### By physical property

Filter results by physical properties such as size, temperature, pressure and [many more](#).

### By category

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Limit to

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### Open Access

- All Open Access 357
- Gold 255
- Hybrid Gold 19
- Bronze 49
- Green 83

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### Controlled vocabulary

- Arch Dams 1,921
- Gravity Dams 1,393
- Arches 1,363



## 1. Water Dams: From Ancient to Present Times and into the Future † (Open Access)

Angelakis, Andreas N. (School of History and Culture, Hubei University, Wuhan; 430061, China); Baba, Alper; Valipour, Mohammad; Dietrich, Jörg; Fallah-Mehdipour, Elahe; Krasilnikoff, Jens; Bilgic, Esra; Passchier, Cees; Tzanakakis, Vasileios A.; Kumar, Rohitashw; Min, Zhang; Dercas, Nicholas; Ahmed, Abdelkader T. Source: *Water (Switzerland)*, v 16, n 13, July 2024

Database: Compendex

Document type: Journal article (JA)

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## 2. Nonlinear Seismic Analysis of Concrete Dams Using ABAQUS-Based Scaled Boundary Finite Element Method

Liu, Yunlong (Hubei Key Laboratory of Disaster Prevention and Mitigation, China Three Gorges University, Yichang, China); Chen, Denghong; Pan, Ziyue; Hu, Haowen; Liu, Yunhui Source: *Journal of Earthquake Engineering*, 2024

Article in Press

Database: Compendex

Document type: Article in Press

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## 3. A Robust Operational Modal Analysis Method and Its Application to a Concrete Arch-Gravity Dam

Li, Jianming (College of Mechanics and Engineering Science, Hohai University, Jiangsu, Nanjing; 211100, China); Cao, Maosen; Bao, Tengfei; Li, Tianyu Source: *Lecture Notes in Civil Engineering*, v 514 LNCE, p 271-280, 2024, *Proceedings of the 10th International Operational Modal Analysis Conference, IOMAC 2024 - Volume 1*

Database: Compendex

Document type: Conference article (CA)

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Feedback



# Author Search | 作者檢索

# 作者檢索



Engineering Village

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Search history ▾ <sup>50</sup>

Alerts <sup>0</sup>

Selected records <sup>1</sup>

Bulletins

More ▾



TH

Author last name:

Author first name:

Affiliation name:

ORCID:

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\* Searches are limited to authors within Comp

# 作者檢索介紹



Engineering Village

Search ▾

Search history ▾ <sup>50</sup>

Alerts <sup>0</sup>

Selected records <sup>1</sup>

Bulletins

More ▾



Author last name:

*e.g. Zhang*

Author first name:

*e.g. Yu*

Affiliation name:

*e.g. Chinese Academy of Sciences*



Show exact matches only | Reset form

ORCID:

*e.g. 1111-2222-3333-444x*



可輸入作者 ORCID 直接查找

\* Searches are limited to authors within Compendex records

Author last name : 姓氏

Author first name : 名字

Affiliation name : 作者所屬機構

# 作者檢索示範



Author last name:

Desheng

Author first name:

zhao

Affiliation name:

e.g. Chinese Academy of Sciences



ORCID:

e.g. 1111-2222-3333-444x



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2 author results in Compendex for Last name: "Desheng", First name: "zhao"

Display: 25 results per page

Sort by: Count (DESC)

1 of 1 pages

因可能會有同名同姓的作者或作者於不同機構著作之文章，因此條列結果會呈現所有清單，可再依其領域、機構等分類確認欲查詢作者之文章後，再點擊 View Records。

## Refine

By category

Limit to Exclude

Source Title

Undefined 2

City

Changchun 2

Name	Subject area	Affiliation name	City	Country/Region
------	--------------	------------------	------	----------------

1. Zhao, Desheng

Zhao, De Sheng  
Desheng, Zhao

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Engineering; Computer Science; Physics and Astronomy; ...

National University of Defense Technology China

Changsha

China

2. Desheng, Zhao

[View 2 records](#)

[Create Alert](#)

[View Scopus Author Profile](#)

Engineering; Computer Science;

Xi'an University

Xi'an

China

# 作者檢索結果



Engineering Village

Search

Search history 30

Alerts 0

Selected records 0

More

?

Library

JH

Author last name:

Fi-John

ORCID:

e.g. 1111-2222-3333-444x

Author first name:

Chang

Affiliation name:

e.g. Chinese Academy of Sciences

Show exact matches only | [Reset form](#)

\* Searches are limited to authors within Compendex records

1 author results in Compendex for Last name: "Fi-John", First name: "Chang"

1 of 1 pages

Display: 25 results per page

Sort by: Count (DESC)

## Refine

By category

Limit to Exclude

Source Title

Undefined 1

Country/Region

Taiwan 1

Name

Subject area

Affiliation name

City

Country/Region

1. Chang, Fijohn John

Pharmacology, Toxicology and Pharmaceutics;  
Engineering; Mathematics; ...

National Taiwan University

Taipei

Taiwan

Chang, F. S.

Chang, F. J.

Chang, Fi John

[View 166 records](#)

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[id orcid.org/0000-0002-1655-8573](https://orcid.org/0000-0002-1655-8573)

1 of 1 pages

# 作者發表文獻結果頁面

166 records found in Compendex for 1884-2024: (7403648844 WN auid)

1 of 7 pages >

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Author results

Sort by: Date (Newest)

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Filter results by physical properties such as size, temperature, pressure and [many more](#).

By category

Download all

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Gold

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Document type

Journal article

Conference article



### 1. Unlocking synergies of drawdown operation: Multi-objective optimization of reservoir emergency storage capacity

Li, Shufei (State Key Laboratory of Water Resources Engineering and Management, Wuhan University, Wuhan; 430072, China); Zhu, Di; Lin, Fanqi; Xia, Jun; Zhou, Yanlai; Chang, Fi-John; Xu, Chong-Yu Source: *Journal of Environmental Management*, v 368, September 2024

Database: Compendex

Document type: Journal article (JA)

Show preview

Full text

### 2. Deep dive into predictive excellence: Transformer's impact on groundwater level prediction

Sun, Wei (Department of Bioenvironmental Systems Engineering, National Taiwan University, Taipei; 10617, Taiwan); Chang, Li-Chiu; Chang, Fi-John Source: *Journal of Hydrology*, v 636, June 2024

Database: Compendex

Document type: Journal article (JA)

Show preview

Cited by in Scopus (1)

Full text

### 3. Advancing climate-resilient flood mitigation: Utilizing transformer-LSTM for water level forecasting at pumping stations

Kow, Pu-Yun (Department of Bioenvironmental Systems Engineering, National Taiwan University, Taipei; 10617, Taiwan); Liou, Jia-Yi; Yang, Ming-Ting; Lee, Meng-Hsin; Chang, Li-Chiu; Chang, Fi-John Source: *Science of the Total Environment*, v 927, June 1, 2024

Database: Compendex

Document type: Journal article (JA)

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Cited by in Scopus (3)

Full text



# Affiliation Search | 機構檢索

# 機構檢索



Engineering Village

Search

Search history 50

Alerts 0

Selected records 1

Bulletins

More



TH

Affiliation name:

e.g. University of Toronto

Essential search

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Author

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(controlled) indexing terms to build your search and view term narrower, or related concepts.

Artificial intelligence; Machine Intelligence

related terms

Narrower terms

Cybernetics

Adaptive systems

Artificial life

Ambient intelligence

Fuzzy control

Automatic identification

Intelligent computing

Example

Go to Thesaurus Search

# 機構檢索

Affiliation name:

 Show exact matches only

機構查詢可查看該機構在 Engineering Village 之文章，以臺灣大學為例，輸入機構英文名稱檢索，若未勾選「Show exact matches only」，則會將所有包含檢索詞的機構都列出。

\* Searches are limited to affiliations within Compendex records

12 affiliation results in Compendex for Affiliation: "National Taiwan University"

1 of 1 pages

Display: 25 results per page

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## Refine

By category

Limit to Exclude

Country/Region

Taiwan

City

Taipei

Banchiao

Taichung

Limit to Exclude

	Name	Documents	City	Country/Region
<input type="checkbox"/>	1. <b>National Taiwan University</b> National Taiwan University	66,089	Taipei	Taiwan
<input type="checkbox"/>	2. <b>National Taiwan University of Science and Technology</b> National Taiwan University Of Science And Technology	26,812	Taipei	Taiwan
<input type="checkbox"/>	3. <b>National Taiwan University of Science and Technol</b> National Taiwan University Of Science And Technology			
<input type="checkbox"/>	4. <b>College of Engineering, National Taiwan University</b> Department Of Civil Engineering			
<input type="checkbox"/>	5. <b>National Taiwan University Hospital</b> National Taiwan University Hospital	2,700	Taipei	Taiwan

因學校在不同文章顯示名稱可能不太相同，因此結果頁面會陳列所有符合之結果。如確認為該結果，即可點擊 View records。

# 機構發表文獻結果頁面

66,080 records found in Compendex for 1884-2024: (60005429 WN afid)


1 of 2,644 pages >


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
 Affiliation results

Sort by: Date (Newest) 



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By category

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Gold

3,076

Hybrid Gold


1,014


Bronze

2,370

Green

10,852

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Document type 

Journal article

42,060




1.  **A compact honeycomb-based ventilated sound barrier with broad bandwidth and a subwavelength thickness**

**Yang, Chieh-Cheng** (Department of Mechanical Engineering, National Taiwan University, Taipei; 10617, Taiwan); **Lin, Ding-Kai**; **Xiao, Xi-Wen**; **Chiang, Che-Hsien**; **Lin, Yu-Hsuan**; **Chou, Li-Chih**; **Chen, Jung-San**; **Liu, Chien-Hao** **Source:** *Applied Acoustics*, v 226, December 5, 2024

**Database:** Compendex

**Document type:** Journal article (JA)

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2.  **Theoretical and biological investigations of newly synthesized Co(II)-salphen complexes derived from salphen ligands**

**Rani, J. Jeevitha** (Post Graduate and Research Center of Chemistry, Jayaraj Annapackiam College for Women(Autonomous), Affiliated to Mother Teresa Women's University, Theni, Tamil Nadu, Kodaikanal, Periyakulam; 625601, India); **Jayaseeli, A. Mary Imelda**; **Rajagopal, S.**; **Seenithurai, S.**; **Chai, Jeng-Da**; **Nandini Asha, R.**; **Jeyakumar, Thayalaraj Christopher** **Source:** *Journal of Molecular Structure*, v 1317, December 5, 2024

**Database:** Compendex

**Document type:** Journal article (JA)

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3.  **Surface acoustic wave actuated plasmonic signal amplification in a plasmonic waveguide** *(Open Access)*

**Gupta, Rohit** (Graduate Institute of Photonics and Optoelectronics, National Taiwan University, Taipei; 10617, Taiwan); **Barman, Kuntal**; **Lee, Liang-Yun**; **Chauhan, Anuj**; **Huang, Jian-Jang** **Source:** *Discover Nano*, v 19, n 1, December 2024

**Database:** Compendex

**Document type:** Journal article (JA)

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# Engineering Research Profile

## 工程研究機構檢索

# 工程研究機構檢索



Engineering Village

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## Engineering research profile

National Chung Hsing University

7,952 records in Compendex

Filter by:

2012



to 2023



AND

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National Chung Hsing University

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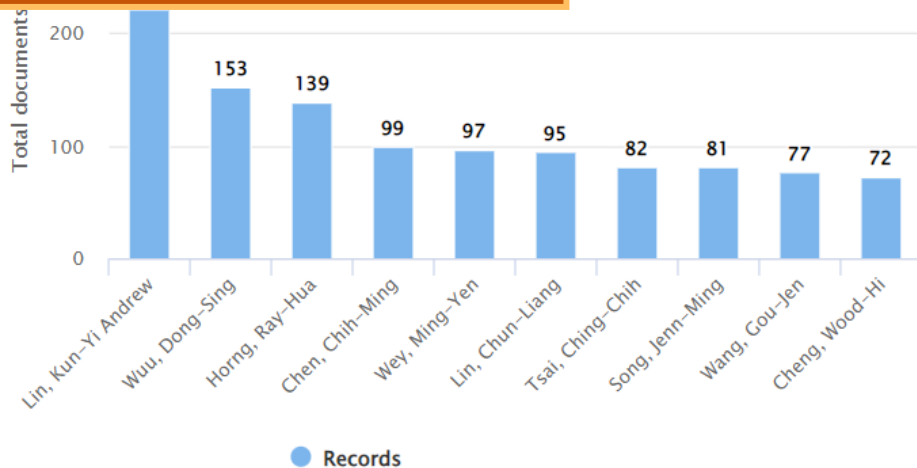
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- Scanning Electron Microscopy
- Binary Alloys
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- Carbon Dioxide
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- Substrates
- Sulfur Compounds
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# 工程研究機構檢索



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Alerts <sup>0</sup>

Selected records <sup>0</sup>

More



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### Institutions & groups

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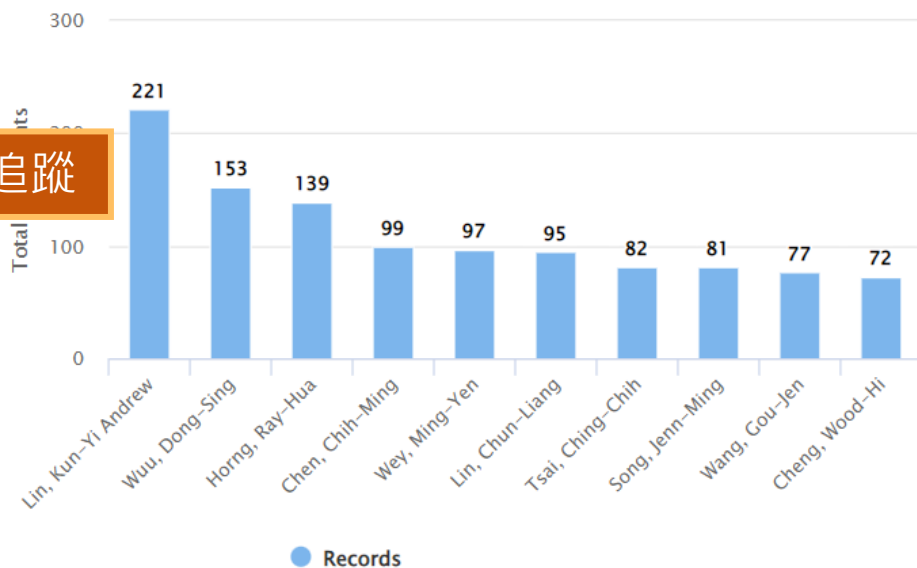
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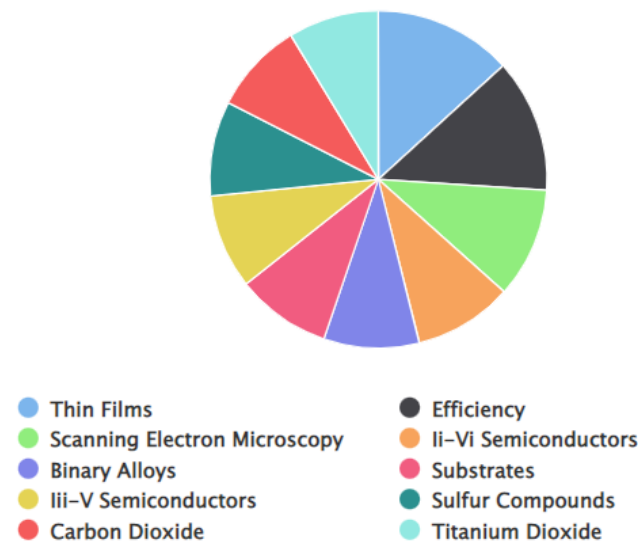
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# 工程研究機構檢索



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Search History

Alerts

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Filter by:

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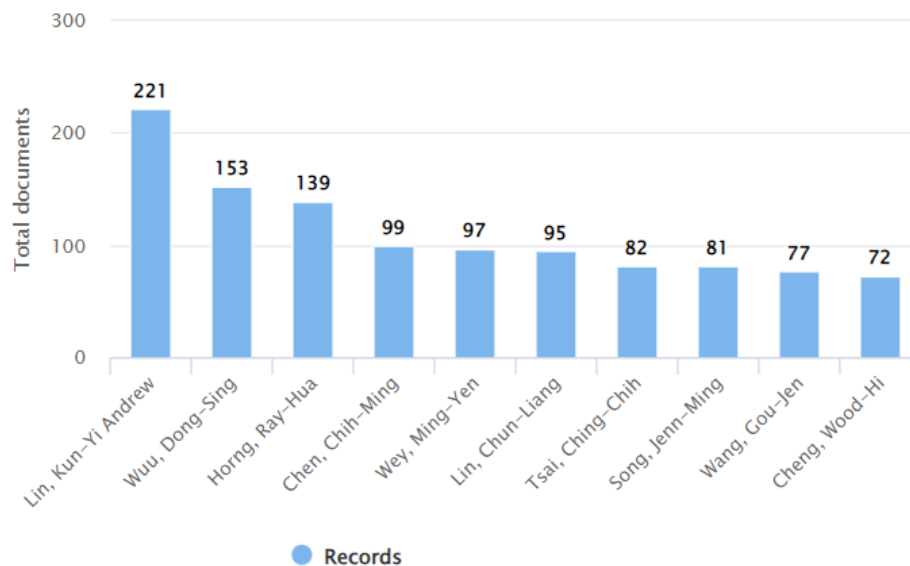
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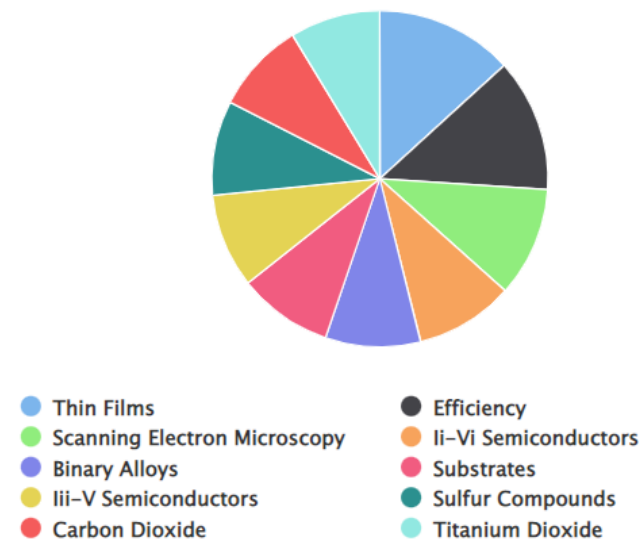
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### Research focus

Bar



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# 管理檢索結果



# 檢索歷史



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21 searches

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Combine searches:

Combine searches

Search query

可將檢索結果紀錄「清除」、「寄送至信箱」、「列印」、「下載」。

Alert

Save search

Search actions

Saved on

#21



114,511 results  
Details ▾



10 Feb 2023  
1:48 PM

#20



25 results in Compendex for: ((((((geology) WN KY) AND ((taiwan) WN CO)) AND ((National Chiao Tung University) WN ALL))) AND (((department of civil engineering, national chiao tung university} OR {national chiao tung ...  
Details ▾



9 Feb 2023  
9:45 AM

#19



25 results in Compendex for: (((geology) WN KY) AND ((taiwan) WN CO)) AND ((National Chiao Tung University) WN ALL))  
Details ▾



9 Feb 2023  
9:43 AM

# 檢索歷史



Engineering Village

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Combine searches	Search query	Alert	Save search	Search actions	Saved on
#21	114,511 results Details <span>▼</span>	<input type="checkbox"/>	<input type="checkbox"/>	<span>✎</span> <span>✕</span>	10 Feb 2023 1:48 PM
#20	25 results in C WN ALL))) AN Details <span>▼</span>	<input type="checkbox"/>	<input type="checkbox"/>	<span>✎</span> <span>✕</span>	9 Feb 2023 9:45 AM
#19	25 results in Compendex for: (((((geology) WN KY) AND ((taiwan) WN CO)) AND ((National Chiao Tung University) WN ALL)) Details <span>▼</span>	<input type="checkbox"/>	<input type="checkbox"/>	<span>✎</span> <span>✕</span>	9 Feb 2023 9:43 AM

呈現檢索歷史，點進 Details 可顯示詳細檢索資訊。

Type: Quick  
Years: 1884 - 2023  
Sort: Relevance  
Autostemming: on

# 檢索歷史



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Search terms: (((\$Reservoir) WN ALL) AND (1884-2023 WN YR)) and (((\$artificial \$intelligence) WN ALL) AND (1884-2023 WN YR))

Enter alert name \*

Enter an alert name with a max of 500 characters.

Limit to:  Recent publications only

Frequency:  Weekly  Every 4 weeks

Initial alert will contain results from previous week

Create alert

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25 results

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Details

Searches: e.g. (#1 AND #2) NOT #3



Alert Save search Search actions Saved on



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9 Feb 2023  
9:43 AM

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Search ▾

Search history ▾ <sup>21</sup>

Alerts <sup>0</sup>

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21 searches

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Search terms: ((((\$Reservoir) WN ALL) AND (1884-2023 WN YR)) and ( (\$artificial \$intelligence) WN ALL) AND (1884-2023 WN YR))

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e.g. (#1 AND #2) NOT #3

Alert

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1:48 PM



9 Feb 2023  
9:45 AM



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Combine searches	Search query	Alert	Save search	Search actions	Saved on
#21 <input type="checkbox"/>	114,511 results in Compendex for: ((reservoirs water) WN ALL) Details <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	10 Feb 2023 1:48 PM
#20 <input type="checkbox"/>	25 results in Compendex for: ((((((geology) WN KY) AND ((taiwan) WN CO)) AND ((National Chiao Tung Un WN ALL))) AND ((department of civil engineering, national chiao tung university} OR {national chiao tung university} WN ALL)) Details <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	9 Feb 2023 9:45 AM
#19 <input type="checkbox"/>	25 results in Compendex for: (((geology) WN KY) AND ((taiwan) WN CO)) AND ((National Chiao Tung University) WN ALL) Details <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	9 Feb 2023 9:43 AM

編輯此檢索歷史

# 檢索歷史



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Combine searches	Search query	Alert	Save search	Search actions	Saved on
#21 <input type="checkbox"/> ▾	114,511 results in Compendex for: ((reservoirs water) WN ALL) Details ▾	<input type="checkbox"/>	<input type="checkbox"/>		10 Feb 2023 1:48 PM
#20 <input type="checkbox"/> ▾	25 results in Compendex for: ((((((geology) WN KY) AND ((taiwan) WN CO)) AND ((National Chiao Tung University) WN ALL))) AND ((department of civil engineering, national chiao tung university} OR {national chiao tung university} WN ALL)) Details ▾	<input type="checkbox"/>	<input type="checkbox"/>		9 Feb 2023 9:45 AM
#19 <input type="checkbox"/> ▾	25 results in Compendex for: (((geology) WN KY) AND ((taiwan) WN CO)) AND ((National Chiao Tung University) WN ALL) Details ▾	<input type="checkbox"/>	<input type="checkbox"/>		9 Feb 2023 9:43 AM

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The background features a complex, hand-drawn style illustration in light blue and white. It includes various data visualization elements such as bar charts with values like 10, 8, 6, 5, 3, 2, 1, 100, 480, and 200. There are also network diagrams with nodes and lines, a lightbulb, a cloud, and various symbols like currency signs (€, ¥, \$) and arrows. The overall theme is digital technology and data analysis.

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# 個人化帳號介紹



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Alerts<sup>0</sup>

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for

Reservoir water



ⓘ

Suggested terms: ⓘ

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Petroleum Reservoirs

Petroleum Reservoir Engineering

Oil Well Flooding

Floods

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Databases ^

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Language ▾

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Discipline ▾

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109,147 records for Reservoir water

1 of 4,366 pages >

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- 儲存個人檢索策略、建立 E-mail Alert 追蹤文獻更新進度。

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- 每個帳號可建立 10 個資料夾。

- 每個資料夾可儲存 100 筆記錄。

1. [Study of the stability of the stability treated landslide on reservoir bank](#) (Open Access)  
Datong, China; 430074, China); Liu, Lei; Shi, Tingting; Wang, Yun; Huang, Jue; Ye, Runqing; Lian, Zhipeng Source: *Alexandria Engineering Journal*, v 65, p 481-492, February 15, 2023

2. [Influence of seepage on the seepage characteristics and Slope Stability Under Fluctuations in Reservoir Water Level](#)  
Chen, Jian (Department of Architectural Engineering, Zhejiang Tongji Vocational College of Science and Technology, Hangzhou; 311231, China); Zhu, Yubo; Lv, Lei; Huang, Hairong Source: *Geotechnical and Geological Engineering*, v 40, n 6, p 3211-3224, June 2022  
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Document type: Journal article (JA)  
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姓氏

密碼

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#21	<input type="checkbox"/> ▾	114,511 res Details ▾
#20	<input type="checkbox"/> ▾	25 results i WN ALL))) Details ▾
#19	<input type="checkbox"/> ▾	25 results i WN ALL)) Details ▾

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Search terms: ((((\$Reservoir) WN ALL) AND (1884-2023 WN YR)) and ( (\$artificial \$intelligence) WN ALL) AND (1884-2023 WN YR))

Enter search name \*

Enter a search name with a max of 500 characters.

Save search Cancel

儲存該筆檢索歷史(需要註冊個人帳號)

Search: e.g. (#1 AND #2) NOT #3

Alert	Save search	Search actions		Saved on
<input type="checkbox"/>	<input type="checkbox"/>			10 Feb 2023 1:48 PM
<input type="checkbox"/>	<input type="checkbox"/>			9 Feb 2023 9:45 AM
<input type="checkbox"/>	<input type="checkbox"/>			9 Feb 2023 9:43 AM

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Engineering Village

## Alerts and Saved searches

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Name	Search query	Active <sup>i</sup>	Recent pub	Frequency
曾文水庫	<p>((("Zengwen Reservoir") WN ALL) OR ("tsengwen reservoir") WN ALL)) OR ("tseng wen") WN KY))</p> <p>More details ▾</p>	<input type="checkbox"/>		
SDGs 7	<p>(((" Alternative Energy Sources ") OR ( " Battery Electric Vehicles ") OR ( " Battery Energy Storage System ") OR ( " Battery Energy Storage Systems ") OR ( " Biofuel ") OR ( " Blade Element Mom ...</p> <p>More details ▾</p>	<input type="checkbox"/>		
offshore wind power	<p>((("offshore wind power") WN ALL)</p> <p>More details ▾</p>	<input type="checkbox"/>		

TH   
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# Alerts & Saved Searches



Engineering Village

Search ▾

Search history ▾ <sup>23</sup>

Alerts <sup>0</sup>

Selected records <sup>0</sup>

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Name	Search query	Active ⓘ	Recent pub	Frequency	Actions
曾文水	<b>Enable alert</b> Alerts will be sent weekly on Fridays. You can enable an alert at any point.  Search terms: (((("Zengwen Reservoir") WN All fields) OR ("tsengwen reservoir") WN All fields)) OR ("tseng wen") WN KY)  Saved search name: 曾文水庫	<input type="checkbox"/>			
SDGs 7		<input type="checkbox"/>			
offshore wind power	((("offshore wind power") WN ALL)  More details ▾	<input type="checkbox"/>			

Enable alert

Cancel

開啟追蹤提醒。

# Alerts & Saved Searches



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Name	Search query	Frequency	Actions
曾文水庫	<a href="#">((((("Zengwen Reservoir") WN All fields) OR ("tsengwen reservoir") WN All fields)) OR ("曾文水庫") WN ALL)) OR ("曾文水庫") WN KY)</a> More details ▾	Weekly	
SDGs 7	<a href="#">((( " Alternative Energy Sources " ) OR ( " Electric Vehicles " ) OR ( " Battery Energy Storage System " ) OR ( " Battery Energy Storage " ) OR ( " Biofuel " ) OR ( " Biomass " ) ) WN All fields)</a> More details ▾		
offshore wind power	<a href="#">(("offshore wind power") WN All fields)</a> More details ▾		

### Edit alert

Search terms: [\(\(\(\(\("Zengwen Reservoir"\) WN All fields\) OR \("tsengwen reservoir"\) WN All fields\)\) OR \("曾文水庫"\) WN ALL\)\) OR \("曾文水庫"\) WN KY\)](#)

Enter alert name  
曾文水庫 \*

Enter an alert name with a max of 500 characters.

Limit to:  Recent publications only

Frequency:  Weekly  Every 4 weeks

**Save alert** Cancel

追蹤提醒設定

Feedback ⓘ

# 儲存至個人資料夾

此功能需有個人化帳號

< Back to results

Full text ↗



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Folder



Compendex • Journal article (JA)

Three-dimensional in situ stress evaluation using a new under-coring technique: The Tseng-Wen Reservoir Transbasin water

Accession number

20130215888108

Publisher

## Save to folder

With your personal account, you can create up to ten folders in which you can save the selected records. Each folder can contain up to 100 records. Choose an existing folder or create a new folder.

Add to my existing folder:

Reservoir (1 records) ▾

儲存至現有資料夾

Save

Create a new folder:

e.g. Nanotechnology folder

儲存至新建資料夾

Create

The Tseng-Wen Reservoir Transbasin water tunnel has broken the historical record of the maximum overburden of a tunnel within Taiwan. The three-dimensional in situ stresses at the tunnel were evaluated using acoustic emission (AE) and deformation rate analysis (DRA) with an under-coring technique. This is the first time that the AE and DRA have been used in evaluating an in situ stress in Taiwan. As cores drilled in different directions are required for the three-dimensional stress evaluation, but the in situ borehole drilling is usually limited to the vertical direction, small samples

Journals

Deformation and failure mechanism of particulate filled and short fiber reinforced

# Folders



Engineering Village

Search ▾ Search history ▾<sup>23</sup> Alerts<sup>1</sup> Selected records<sup>0</sup> Bulletins More ▴

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## Folders

[Return to Previous Page](#)

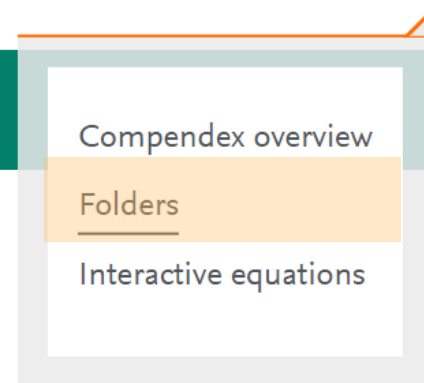
With your personal account, you can create up to ten folders in which to save selected records. Each folder can contain up to 100 records.

Name	View	Delete
renewable energy	1 records	✕
Reservoir	1 records	
S_Artificial Intelligence_190924	2 records	
feitsui	1 records	✕

可查看資料夾中有幾筆資料，點入即可查看資料夾內所有文獻。

To create a folder, please enter a folder name:

在 Folders 中可以查看自己建立的資料夾分類及已儲存文獻。同一個帳號可建立 10 個資料夾，一個資料夾中最多可存放 100 筆資料。



# 資料夾內頁面



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Search ▾

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TH

Folder Name : Reservoir

1 record in this folder

View Folders

ALL

Citation format



- Environmental impact of Hsuehshan Tunnel on water quality at Feitsui Reservoir and its tributaries

**Wang, Tai-Tien** (Department of Civil Engineering, National Taiwan University, Taipei, Taiwan); **Jeng, Fu-Shu**; **Lee, Tzu-Tung**

Source: *Environmental Monitoring and Assessment*, v 192, n 11, November 1, 2020

Database: Compendex

Full text ↗



# 補充資源



# 線上詢問



Engineering Village

Search

Search history <sup>23</sup>

Alerts <sup>1</sup>

Selected records <sup>0</sup>

Bulletins

More

?

Library icon

TH

Quick search: All fields



for e.g. (artificial intelligence OR intelligent computing) AND {social

Turn on AutoSuggest | + Add s

Databases ^

Date v

Language v

Document type v

Sort by v

Browse indexes v

Autostemming v

- |                                       |   |                                  |                                 |                                     |                                     |                               |
|---------------------------------------|---|----------------------------------|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------|
| <input type="checkbox"/> All          | <input checked="" type="checkbox"/> Compendex | <input type="checkbox"/> Inspec  | <input type="checkbox"/> NTIS   | <input type="checkbox"/> PaperChem  | <input type="checkbox"/> Chimica    | <input type="checkbox"/> CBNB |
| <input type="checkbox"/> EnCompassLIT | <input type="checkbox"/> EnCompassPAT         | <input type="checkbox"/> GEOBASE | <input type="checkbox"/> GeoRef | <input type="checkbox"/> US Patents | <input type="checkbox"/> EP Patents |                               |
| <input type="checkbox"/> WO Patents   | <input type="checkbox"/> Knovel               |                                  |                                 |                                     |                                     |                               |

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## Did you know?

You can now search a year range and specify any start or end year. This new feature will be especially useful when saving a search alert to return results for any end year, not just the current year.

On **Quick search**: select the "Date" search option and then select "Latest" for the end year.

Try Quick search

On **Expert search**: use an asterisk in the "YR" field to indicate an open range.  
Example: "artificial intelligence AND (2000-\* WN YR)"

Try Expert search

Feedback

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•光華管理個案收錄庫廣泛收錄管理領域的各類議題，主要聚焦臺灣的本土企業，管理個案除擁有詳細全文資料外，更富含敘述詳盡的教學手冊及... «詳全文»

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詳情請見：活動網站

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2024 Micromedex 使用者大會  
深耕醫藥資源 50年 以 AI 引領藥學發展  
活動日期：2024/08/24 (六)

深耕醫藥資源50年 以AI引領藥學發展 - 2024 Micromedex使用者大會

活動時間：2024年08月24日(六) 08:30-16:30

活動內容：面對AI時代來臨，藥師的角色正經歷著前所未有的轉變。在這個科技驅動的時代，AI不僅為藥學領域帶來了創新的工具和方法，也對藥師的專業技能有著更高的要求。如何在AI的協助下，幫助藥師進行整合性照護，提高工作效率、品質與價值，今年適逢Micromedex五十週年，誠懇邀請您一同回顧過

2025年度考科藍資料庫  
全國聯合採購優惠方案  
開跑囉

STEM  
教育書籍  
推薦

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線上參與課程，即時和講師互動。



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#### 影音教材

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#### 意見回饋

提供實質建議，使課程更完善。



# Thank You!

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