



Engineering Village 資料庫教育訓練

Jamie Yen | 顏婕珉

碩睿資訊 2023

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

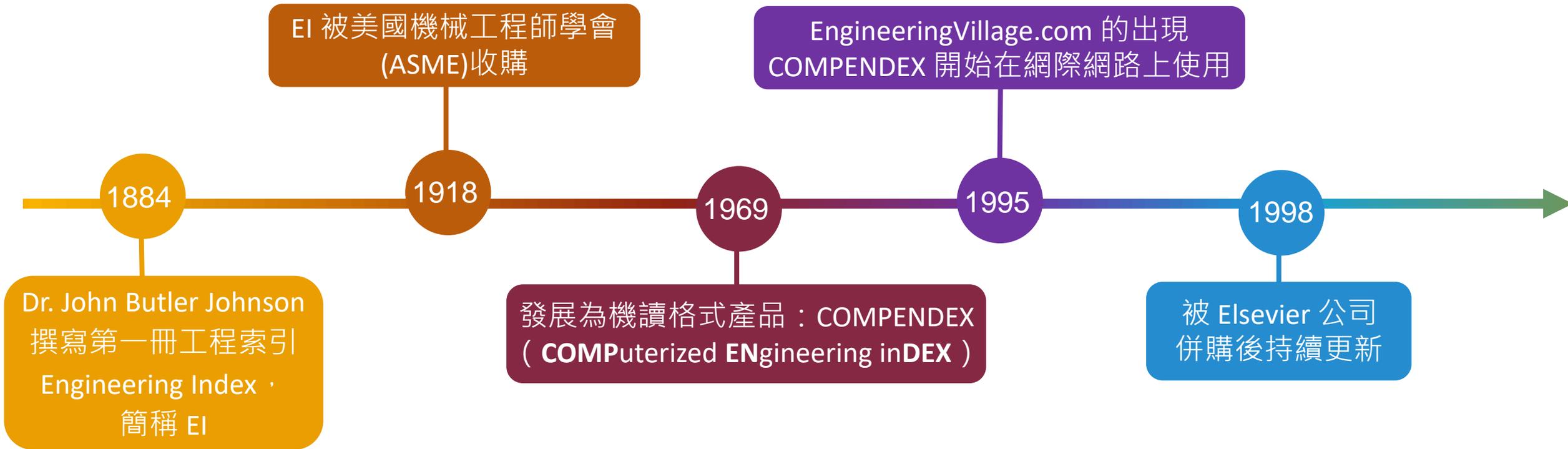
EnCompassLIT

EnCompassPAT

PaperChem

Knovel 電子書

COMPENDEX 時光走廊

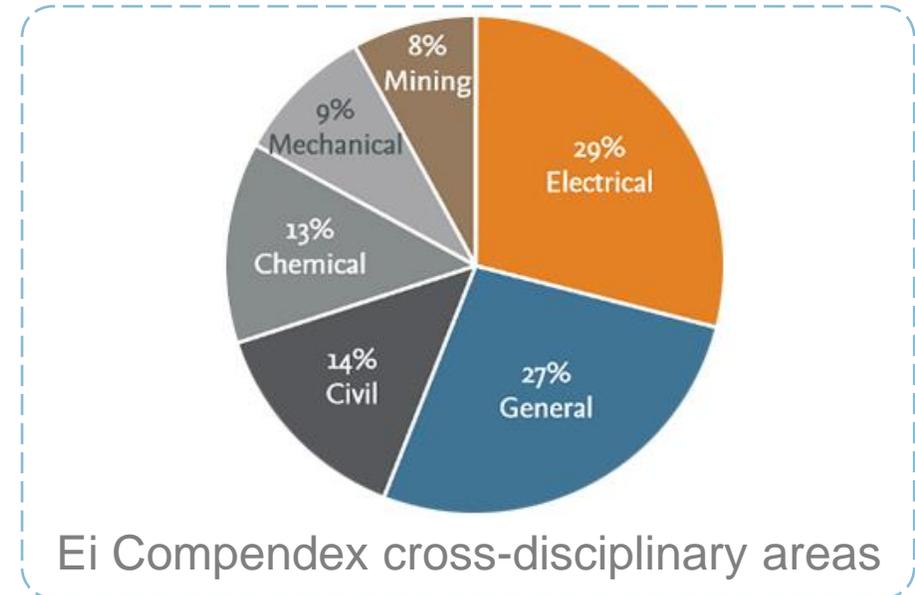


EI 為 COMPENDEX 前身

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



Compendex – 細部學科領域

Civil Engineering – in the areas of :

- Bioengineering
- Building Materials Properties
- Construction Materials
- Geology
- Ocean and Underwater Technology
- Pollution and Wastes
- Sanitary Engineering
- Transportation
- Water and Waterworks

Mechanical Engineering - in the areas of :

- Aerospace
- Automotive
- Fluid Flow
- Heat and Thermodynamics
- Materials Handling
- Naval Architecture and Marine
- Nuclear Technology
- Plant and Power
- Railroad

Mining Engineering - in the areas of :

- Fuel Technology
- Metal Groups
- Metallurgical Engineering
- Petroleum Engineering

Electrical Engineering - - in the areas of :

- Computers and Data Processing
- Control Engineering
- Electronics and Communication
- Light and Optical Technology
- Sound and Acoustical Technology
- Electricity and Magnetism
- Electric Components and Equipment
- Electronic and Thermionic Materials
- Electronic Components and Tubes

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

首頁 — Search



Engineering Village

Search ▾

Search history ▾ 20

Alerts 0

Selected records 1

Bulletins

More ▾



TH

Quick search: All fields

Quick	快速檢索
Expert	專家檢索
Thesaurus	索引典檢索
Author	作者檢索
Affiliation	機構檢索
Engineering Research Profile	工程研究機構檢索
Inspec Analytics	Inspec 分析

Databases ^ Date ▾ Language ▾

- All Compindex Inspec
 EnCompassPAT GEOBASE

AND {social media}

AutoSuggest | + Add search field | Reset form

Discipline ▾ Treatment ▾

- EnCompassLIT
 Knovel

Looking for research related to renewable energy? Engineering Village has you covered! Use the sample searches below to get started.

Solar Energy ☀	Wind Energy 🌀
Geothermal Energy 🌡	Hydropower / Hydroelectricity ⚡
Bioenergy / Biomass Energy 🌱	Tidal Energy 🌊

首頁



Engineering Village

Search

Search history ²⁰

Alerts ⁰

Selected records ¹

Bulletins

More



TH

Quick search: All fields



for e.g. (artificial intelligi

檢索歷史

追蹤

已勾選紀錄

EnCompassLIT & EnCompassPAT 訂戶專屬功能：
可依照領域將資料庫更新內容查看 / 下載。

Databases ^ Date v Language v Document type v Sort by v Browse indexes v

- All
- Compendex
- Inspec
- NTIS
- PaperChem
- Chimia
- EnCompassPAT
- GEOBASE
- GeoRef
- US Patents
- EP Patents
- WO Patents
- Knovel

Renewable Energy

Looking for research related to renewable energy? Engineering Village has you covered! Use the sample searches below to get started.

Solar Energy



Wind Energy



Geothermal Energy



Hydropower / Hydroelectricity



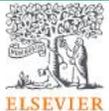
Bioenergy / Biomass Energy



Tidal Energy



首頁 — More



Engineering Village

Search

Search history ²⁰

Alerts ⁰

Selected records ¹

Bulletins

More



TH

Quick search: All fields



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

Compendex 介紹

Compendex overview

收藏資料夾
(需有個人化帳號)

Folders

Knovel 訂戶專屬功能
查看互動方程式

Interactive equations

Databases ^ Date v Language v Document type v Sort by v Browse

- All Compendex Inspec NTIS PaperChem
 EnCompassPAT GEOBASE GeoRef US Patents

Renewable Energy

Looking for research related to renewable energy? Engineering Village has you covered! Use the sample searches below to get started.

Solar Energy



Wind Energy



Geothermal Energy



Hydropower / Hydroelectricity



Bioenergy / Biomass Energy



Tidal Energy



首頁



Engineering Village

Search

Search history ²⁰

Alerts ⁰

Selected records ¹

Bulletins

More

?

Library

TH

Quick search: All fields



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

Turn off AutoSuggest | + Add search field | Rese

Databases ^

Date v

Language v

Document type v

Sort by v

Browse indexes v

Autostemming v

Discipline v

Treatment v

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

資源支援

查看機構歸屬

個人化帳號功能

Renewable Energy

Looking for research related to renewable energy? Engineering Village has you covered! Use the sample searches below to get started.

Solar Energy



Wind Energy



Geothermal Energy



Hydropower / Hydroelectricity



Bioenergy / Biomass Energy



Tidal Energy





Quick Search | 快速檢索

Quick Search



Engineering Village

Search

Search history

Alerts

Selected records

Bulletins

More

?

TH

檢索欄位

檢索框

Quick search:

All fields



for

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



Turn on AutoSuggest

+ Add search field

Reset form

- All fields
- Subject/Title/Abstract
- Abstract
- Author
- First author
- Author affiliation

相似詞檢索 (建議開啟)

增加檢索欄位

Databases

All

C

E

Document type

Sort by

Browse in

NTIS

PaperChem

Chimica

CBNB

EnCompassLIT

GeoRef

US Patents

EP Patents

WO Patents

Knovel

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

Quick Search



Engineering Village

Search ▾

Search history ▾ ³¹

Alerts ⁰

Selected records ¹

Bulletins

More ▾



TH

Quick search:

All fields ▾

for

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



Turn on AutoSuggest | + Add search field | Reset form

Databases ^

Date ▾

Language ▾

Document type ▾

Sort by ▾

Browse indexes ▾

Autostemming ▾

Discipline ▾

Treatment ▾

限制檢索條件進行預先限縮和排序方式。

PaperChem

Chimica

CBNB

EnCompassLIT

US Patents

EP Patents

WO Patents

Knovel



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



Quick Search



Engineering Village

Search

Search history ³¹

Alerts ⁰

Selected records ¹

Bulletins

More



TH

Quick search:

All fields



for

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



Turn on AutoSuggest | + Add search field | Reset form

Databases ^

Date

Language

Document type

Sort by

Browse indexes

Autostemming

Discipline

Treatment

- | | | | | | | | |
|---------------------------------------|---|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------------|---------------------------------------|
| <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 | |

選擇檢索資料庫



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



Quick Search



Engineering Village

Search

Search history

Alerts

Selected records

Bulletins

More



TH

Quick search:

All fields



for

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



Turn on AutoSuggest



Add search field

Reset form

Databases

Date

Language

Document type

Sort by

Browse indexes

Autostemming

Discipline

Treatment

Author

Author affiliation

Classification code

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。

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



Quick Search



Engineering Village

Search

Search history ³¹

Alerts ⁰

Selected records ¹

Bulletins

More



TH

Quick search:

All fields



for

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



Turn on AutoSuggest | + Add search field | Reset form

Databases ^

Date v

Language v

Document type v

Sort by v

Browse indexes v

Autostemming v

Discipline v

Treatment v

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



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

首頁公告



關鍵字

A wide-angle photograph of a large concrete dam situated in a lush, mountainous region. The dam is a long, low wall made of grey concrete, with a spillway on the right side. In the foreground, a calm reservoir reflects the sky and the surrounding greenery. The background features rolling green mountains under a blue sky with scattered white clouds. The overall scene is serene and scenic.

水庫 / Reservoir

Quick Search 檢索示範

Quick search: All fields for

Databases ^ Date v Language v Do

All Compendex Inspec
 EnCompassLIT EnCompassPAT
 WO Patents Knovel

Reservoir evaluation
Recommended terms: Petroleum reservoir evaluation
Reservoir inlets
Reservoir linings
Reservoir management
Reservoirs*
Recommended terms: Reservoirs (water)
Reservoirs (petroleum)
Recommended terms: Petroleum reservoirs
Reservoirs (water)
Reservoirs--Algae*

AutoSuggest Powered by Ei Thesaurus Turn off

Go to Inspec Analytics

Reset form
Treatment v

Quick Search 檢索示範

Quick search: All fields



for

reservoirs water



Turn off AutoSuggest | + Add search field | Reset form

Databases ^

Date v

Language v

Document type v

Sort by v

Browse indexes v

Autostemming v

Discipline v

Treatment 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 | | | | | |



Renewable Energy

Looking for research related to renewable energy? Engineering Village has you covered! Use the sample searches below to get started.

Solar Energy



Wind Energy



Geothermal Energy



Hydropower / Hydroelectricity



Bioenergy / Biomass Energy



Tidal Energy



精確檢索

Quick search: All fields

▼ for "reservoirs water"



Suggested terms: ?

Reservoirs (Water)

Floods

Rivers

Oil Well Flooding

Water Quality

Turn off AutoSuggest | + Add search field | Reset form

Databases ^

Date v

Language v

Document type v

Sort by v

Browse indexes v

Autostemming v

Discipline v

Treatment v

45,295 records found in Compendex for 1884-2023: ("reservoirs water") WN ALL

1 of 1,812 pages >

Create alert

Save search

Share search

RSS feed

Sort by: Relevance



Refine



By physical property v

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

(9,098)



Display: 25 results per page

- 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 v Cited by in Scopus (3) Full text ↗
- Microalgae growth inhibition-based reservoirs water quality assessment to identify ecotoxicological risks** (Open Access)
Rodrigues, Sara (Departamento de Biologia, Faculdade de Ciências, Universidade do Porto, Porto; 4169-007, Portugal); **Pinto, Ivo; Formigo, Nuno; Antunes, Sara C.** Source: *Water (Switzerland)*, v 13, n 19, October-1 2021
Database: Compendex

檢索結果

Quick search:

All fields



for

reservoirs water



Suggested terms: ?

Reservoirs (Water)

Petroleum Reservoirs

Petroleum Reservoir Engineering

Oil Well Flooding

Floods

系統自動提供相關聯的關鍵詞

Databases ^

Date v

Language v

Document type v

Sort by v

Browse indexes v

Autostemming v

Discipline v

treatment v

112,964 records found in Compendex for 1884-2023: ((reservoirs water) WN ALL)

1 of 4,519 pages >

Create alert

Save search

Share search

RSS feed

Sort by: Relevance



Refine <<

By physical property v

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

(14,980)



Display: 25



results per page

1. **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 v Cited by in Scopus (3)

Full text ↗

2. **Microalgae growth inhibition-based reservoirs water quality assessment to identify ecotoxicological risks** (Open Access)

Rodrigues, Sara (Departamento de Biologia, Faculdade de Ciências, Universidade do Porto, Porto; 4169-007, Portugal); Pinto, Ivo; Formigo, Nuno; Antunes, Sara C. Source: *Water* (Switzerland), v 13, n 19, October-1 2021

Database: Compendex

檢索結果文獻內容
可切換「摘要顯示」或「詳細顯示」

檢索結果限縮

Display: 25  results per page

Refine <<

By physical property

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

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。

By category

Download all  

Limit to

Exclude

Add a term

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。

Open Access

- All Open Access (9,098)
- Gold (3,809)
- Hybrid Gold (789)
- Bronze (2,619)
- Green (4,452)

[Learn more](#) 

Document type

- Journal article (27,870)
- Conference article (15,409)
- Dissertation (628)
- Book chapter (426)
- Preprint (379)

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)。

Rodrigues, Sara (Departamento de Biologia, Faculdade de Ciências, Universidade do Porto, Porto; 4169-007, Portugal); Pinto, Ivo; Formigo, Nuno; Antunes, Sara C. Source: *Water (Switzerland)*, v 13, n 19, October-1 2021

Database: Compendex

Document type: Journal article (JA)

Show preview  Cited by in Scopus (3)

[Full text](#) 

3. **Multipolarization Time Series of Sentinel-1 SAR Imagery to Analyze Variations of Reservoirs' Water Body** [\(Open Access\)](#)

Ferrentino, Emanuele (Dipartimento di Ingegneria, Università degli Studi di Napoli Parthenope, Napoli; 80132, Italy); Nunziata, Ferdinando; ... and Remote Sensing,

[permeable oil](#)

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 (9,098)
- Gold (3,809)
- Hybrid Gold (789)
- Bronze (2,619)
- Green (4,452)

Learn more ↗

Document type ⌵ ⬇ ⬆

- Journal article (27,870)
- Conference article (15,409)
- Dissertation (628)
- Book chapter (426)
- Preprint (379)

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

Percentage ▾

There are 8,962 total results for Percentage

between ▾ from to

Percent (%) ▾ Refine

Full text ↗

3. **Multipolarization Time Series of Sentinel-1 SAR Imagery to A**
Access
Ferrentino, Emanuele (Dipartimento di Ingegneria, Università Degli Studi di
Buono, Andrea; Urciuoli, Angelo; Migliaccio, Maurizio Source: IEEE Journal o
v 13, p 840-846, 2020
Database: Compendex
Document type: Journal article (JA)
Show preview ▾ Cited by in Scopus (17) Full text ↗

4. **Reagentless preparation of formation water for reservoir pre**
reservoirs. Water ozonation method

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
- Surface Tension
- Temperature
- Thermal Conductivity
- Time

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 (9,098)
- Gold (3,809)
- Hybrid Gold (789)
- Bronze (2,619)
- Green (4,452)

[Learn more ↗](#)

Document type

[📊](#) [↓](#) [^](#)

- Journal article (27,870)
- Conference article (15,409)
- Dissertation (628)
- Book chapter (426)
- Preprint (379)

[📊](#) Bar chart

[View more >](#)



Display: 25 [▼](#) results per page

- 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 [▼](#) Cited by in Scopus (3) [Full text ↗](#)
- Microalgae growth inhibition-based reservoirs water quality assessment to identify ecotoxicological risks** [\(Open Access\)](#)
Rodrigues, Sara (Departamento de Biologia, Faculdade de Ciências, Universidade do Porto, Porto; 4169-007, Portugal); **Pinto, Ivo**; **Formigo, Nuno**; **Antunes, Sara C.** Source: *Water (Switzerland)*, v 13, n 19, October-1 2021
Database: Compendex
Document type: Journal article (JA)
Show preview [▼](#) Cited by in Scopus (3) [Full text ↗](#)
- Water Body** [\(Open Access\)](#)
Junziata, Ferdinando; **...** Source: *...*
Database: Compendex
Document type: Journal article (JA)
Show preview [▼](#) Cited by in Scopus (17) [Full text ↗](#)
- Reagentless preparation of formation water for reservoir pressure maintenance system in low permeable oil reservoirs. Water ozonation method**
Shumeiko, Andrei (TomskNIPIneft); **Polubojartsev, Dmitriy** Source: *Society of Petroleum Engineers - SPE Russian Petroleum Technology Conference 2019, RPTC 2019, 2020, Society of Petroleum Engineers - SPE Russian Petroleum Technology Conference 2019, RPTC 2019*

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。

Refine Results

Quick search: All fields | "reservoirs water" | Suggested terms: Reservoirs/Water, Water, Open Access, Green/Gold | Add search field | Reset form

45,295 records found in CompIndex for 1984-2024 ("reservoirs water") WJW ALL

Refine filters:

- By physical property
- By category
- Open Access: All Open Access (2,049), Gold (2,049), Hybrid Gold (284), Bronze (2,049), Green (2,049)
- Document type: Journal article (27,870), Conference article (15,409), Dissertation (628), Book chapter (426), Preprint (379)
- Author: Guo, Shenglian (136), Liu, Pan (117), Wang, Hao (91), Huang, Qiang (88), Zhang, Lei (80)
- Author affiliation: State Key Laboratory Of Water Resources And Hydropower Engineering Science, Wuhan University (410), University Of Chinese Academy Of Sciences (357), China Institute Of Water Resources And Hydropower Research (211), College Of Hydrology And Water Resources, Hohai University (187), State Key Laboratory Of Simulation And Regulation Of Water Cycle In River Basin, China Institute Of Water Resources And Hydropower Research (179)
- Controlled vocabulary: Reservoirs (Water) (26,148), Floods (9,810), Dams (9,810), Oil Well Flooding (9,810), Water Quality (9,810)
- Classification code: Reservoirs (26,142), Petroleum Deposits Development Operations (9,810), Oil Field Production Operations (9,810), Surface Water (9,810), Water Resources (9,810)
- Country/Region: China (21,902), United States (9,299), United Kingdom (9,299), Canada (9,299), Iran (9,299)
- Language: New
- Source title
- Publisher
- Funding sponsor
- Status

Open Access

<input type="checkbox"/> All Open Access	(9,098)
<input type="checkbox"/> Gold	(3,809)
<input type="checkbox"/> Hybrid Gold	(789)
<input type="checkbox"/> Bronze	(2,619)
<input type="checkbox"/> Green	(4,452)

[Learn more](#)

內文
OA 比例

Document type

<input type="checkbox"/> Journal article	(27,870)
<input type="checkbox"/> Conference article	(15,409)
<input type="checkbox"/> Dissertation	(628)
<input type="checkbox"/> Book chapter	(426)
<input type="checkbox"/> Preprint	(379)

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

文獻類型

Author

<input type="checkbox"/> Guo, Shenglian	(136)
<input type="checkbox"/> Liu, Pan	(117)
<input type="checkbox"/> Wang, Hao	(91)
<input type="checkbox"/> Huang, Qiang	(88)
<input type="checkbox"/> Zhang, Lei	(80)

[View more](#)

作者

Author affiliation

<input type="checkbox"/> State Key Laboratory Of Water Resources And Hydropower Engineering Science, Wuhan University	(410)
<input type="checkbox"/> University Of Chinese Academy Of Sciences	(357)
<input type="checkbox"/> China Institute Of Water Resources And Hydropower Research	(211)
<input type="checkbox"/> College Of Hydrology And Water Resources, Hohai University	(187)
<input type="checkbox"/> State Key Laboratory Of Simulation And Regulation Of Water Cycle In River Basin, China Institute Of Water Resources And Hydropower Research	(179)

[View more](#)

作者機構

Refine Results



Controlled vocabulary

- Reservoirs (Water) (45,160)
- Floods (8,815)
- Rivers (6,046)
- Oil Well Flooding (5,535)
- Water Quality (4,683)

[View more >](#)

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

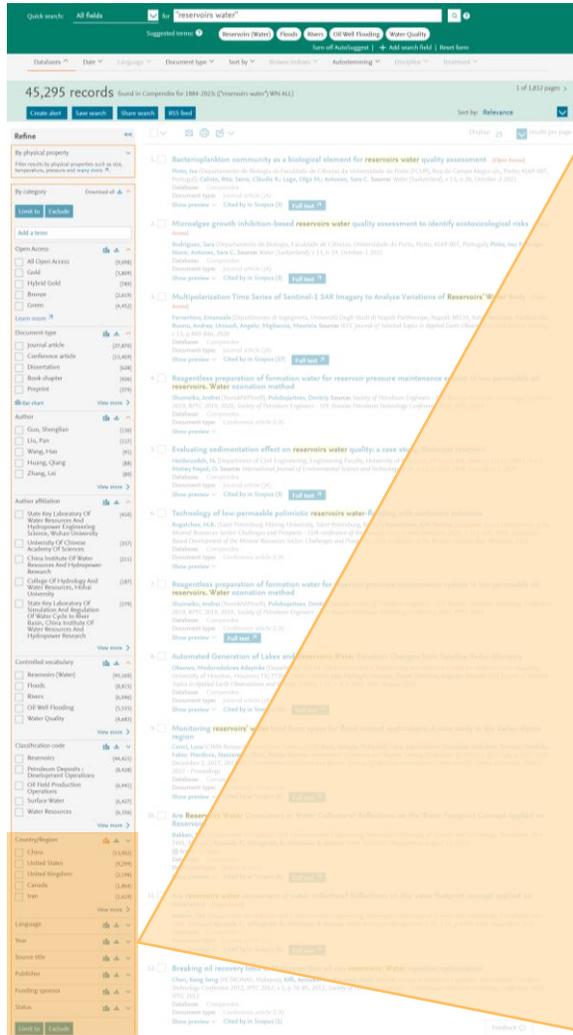
- Reservoirs (44,421)
- Petroleum Deposits : Development Operations (8,428)
- Oil Field Production Operations (6,441)
- Surface Water (6,427)
- Water Resources (6,356)

[View more >](#)

Classification Code

依較廣義的主題領域分類方式，將相關研究文獻分類並以加以編號代碼。

Refine Results — 限縮圖表



Country/Region	Count
<input type="checkbox"/> China	(13,902)
<input type="checkbox"/> United States	(9,299)
<input type="checkbox"/> United Kingdom	(2,198)
<input type="checkbox"/> Canada	(1,864)
<input type="checkbox"/> Iran	(1,619)

[View more >](#)

國家/地區

Language			
Year			
Source title			
Publisher			
Funding sponsor			
Status			

語言
年份
來源標題
出版社
贊助機構
文獻現狀

New search with facets

輸入關鍵字開啟新的檢索

Refine Results - View more

By category Download all

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

Add a term

Open Access Download

- All Open Access (9,107)
- Gold (3,818)
- Hybrid Gold (791)
- Bronze (2,609)
- Green (4,457)

[Learn more](#)

Document type Download

- Journal article (27,924)
- Conference article (15,436)
- Dissertation (635)
- Book chapter (426)
- Preprint (384)

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

Author Download

- Guo, Shenglian (136)
- Liu, Pan (117)
- Wang, Hao (91)
- Huang, Qiang (88)
- Zhang, Lei (80)

[View more](#)

Database: Compendex
Document type: Journal article (JA)
Show preview [Cited by in Scopus \(3\)](#) [Full text \(7\)](#)

Author Grid Table Download Filter results:

<input type="checkbox"/> Guo, Shenglian (136)	<input type="checkbox"/> Li, Yu (45)
<input type="checkbox"/> Liu, Pan (117)	<input type="checkbox"/> Liu, Huiqing (45)
<input type="checkbox"/> Wang, Hao (91)	<input type="checkbox"/> Sepehrnoori, Kamy (45)
<input type="checkbox"/> Huang, Qiang (88)	<input type="checkbox"/> Zhang, Chi (45)
<input type="checkbox"/> Zhang, Lei (80)	<input type="checkbox"/> Lu, Jun (44)
<input type="checkbox"/> Zhou, Jianzhong (79)	<input type="checkbox"/> Zhang, Yu (44)
<input type="checkbox"/> Bai, Baojun (73)	<input type="checkbox"/> Xu, Chong-Yu (43)
<input type="checkbox"/> Huang, Tinglin (71)	<input type="checkbox"/> Zhang, Kai (43)
<input type="checkbox"/> Zhang, Wei (68)	<input type="checkbox"/> Bozorg-Haddad, Omid (42)
<input type="checkbox"/> Huang, Ting-Lin (65)	<input type="checkbox"/> Chang, Fi-John (42)
<input type="checkbox"/> Wang, Chao (63)	<input type="checkbox"/> Chen, Lei (42)
<input type="checkbox"/> Delshad, Mojdeh (62)	<input type="checkbox"/> Chen, Zhangxin (42)
<input type="checkbox"/> Singh, Vijay P. (62)	<input type="checkbox"/> Hou, Jirui (42)
<input type="checkbox"/> Wang, Wei (62)	<input type="checkbox"/> Pope, Gary A. (42)
<input type="checkbox"/> Lei, Xiaohui (60)	<input type="checkbox"/> Li, Jia (41)
<input type="checkbox"/> Li, Wei (58)	<input type="checkbox"/> Li, Nan (41)
<input type="checkbox"/> El-Shafie, Ahmed (55)	<input type="checkbox"/> Peng, Yong (41)
<input type="checkbox"/> Wang, Jing (54)	<input type="checkbox"/> Mohanty, Kishore K. (40)
<input type="checkbox"/> Wang, Rui (53)	<input type="checkbox"/> Zhang, Jing (40)
<input type="checkbox"/> Yang, Zhifeng (53)	<input type="checkbox"/> Chen, Lu (39)
<input type="checkbox"/> Cai, Ximing (52)	<input type="checkbox"/> Li, Yang (39)

View: [10](#) [60](#) [Max](#) [Limit to](#) [Exclude](#)

點進 View more 可查看更多。

Water Body (Open Access)
Munziata, Ferdinando; Buono, Andrea; Urciuoli,
3, p 840-846, 2020

permeable oil reservoirs. Water
in Technology Conference 2019, RPTC 2019, 2020,

15719-14911, Iran); Motiey Nejad, O. Source:
Development of the Mineral Resources Sector:
Development of the Mineral Resources Sector:

reservoir pressure maintenance system in low permeable oil reservoirs. Water

Refine Results - 圖表

By category Download all

Add a term

Open Access Download all

- All Open Access (9,107)
- Gold (3,818)
- Hybrid Gold (791)
- Bronze (2,609)
- Green (4,457)

[Learn more](#)

Document type Download all

- Journal article (27,924)
- Conference article (15,436)
- Dissertation (635)
- Book chapter (426)
- Preprint (384)

Bar chart View more

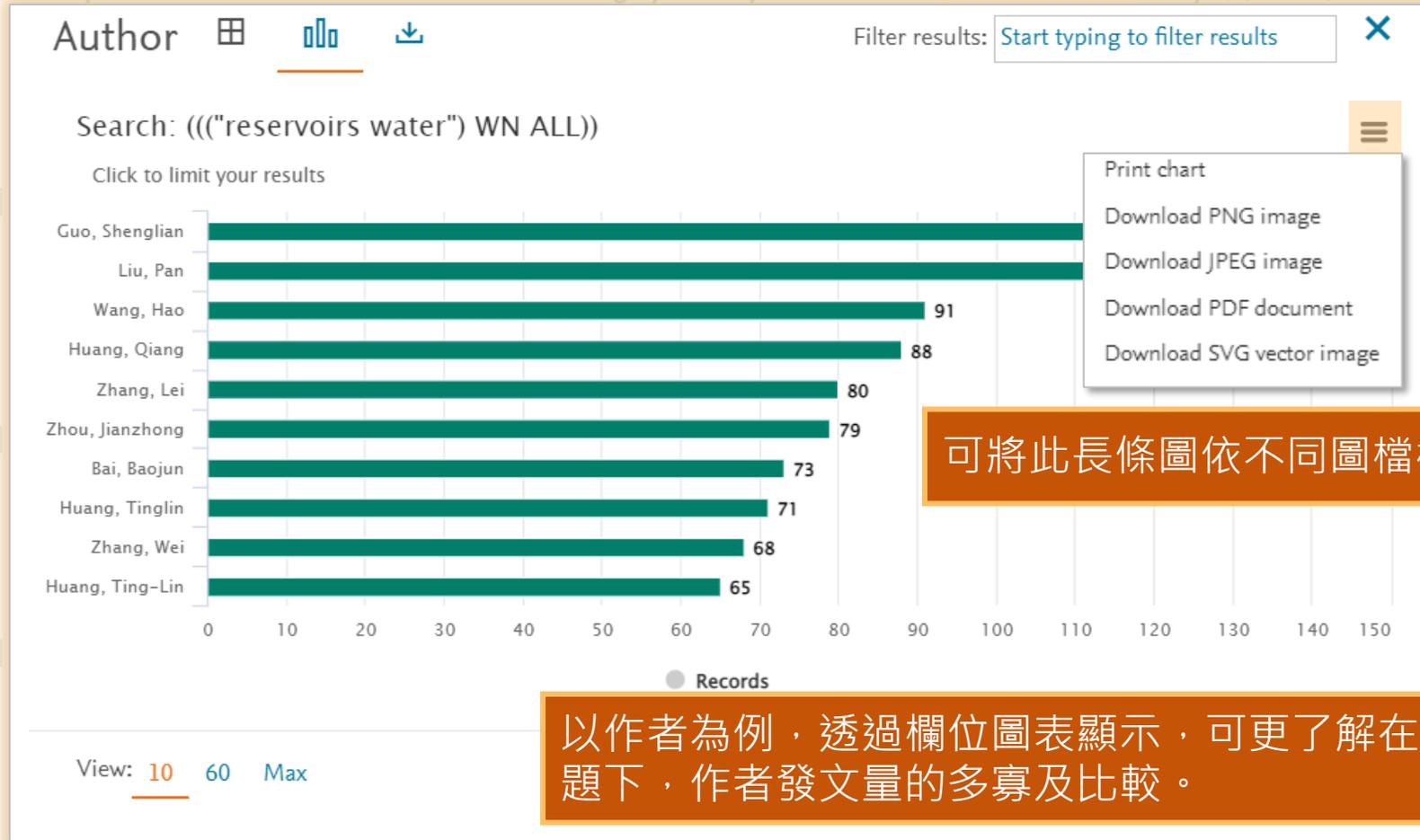
Author Download all

- Guo, Shenglian (136)
- Liu, Pan (117)
- Wang, Hao (91)
- Huang, Qiang (88)
- Zhang, Lei (80)

[View more](#)

Database: Compendex
Document type: Journal article (JA)
Show preview Cited by in Scopus (3)

3. Multipolarization Time Series of Sentinel-1 SAR Imagery to Analyze Variations of Reservoirs' Water Body (Open Access)



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。

7. Reagentless preparation of formation water for reservoir pressure maintenance system in low permeable oil reservoirs. Water

Refine Results - 表格輸出

Database: Compendex

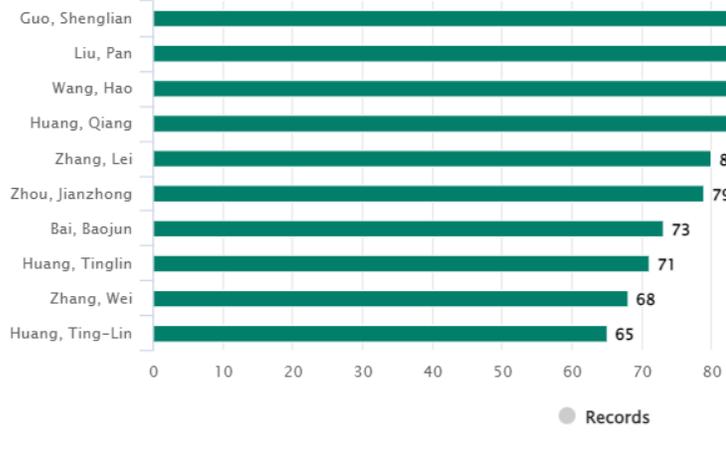
Author   

Search: (((("reservoirs water") WN ALL))

Click to limit your results

Reservoirs' Water Body (Open Access)

...li Parthenope, Napoli; 80133, Italy); Nunziata, Ferdinando; Buono, Andrea; Urciuoli, Observations and Remote Sensing, v 13, p 840-846, 2020



Author	Count
Guo, Shenglian	136
Liu, Pan	117
Wang, Hao	91
Huang, Qiang	88
Zhang, Lei	80
Zhou, Jianzhong	79
Bai, Baojun	73
Huang, Tinglin	71
Zhang, Wei	68
Huang, Ting-Lin	65
Wang, Chao	63
Delshad, Mojdeh	62
Singh, Vijay P.	62
Wang, Wei	62
Lei, Xiaohui	60

View: 10 60 Max

Document type: Journal article

Author

Guo, Shenglian (136)

Liu, Pan (117)

Wang, Hao (91)

Huang, Qiang (88)

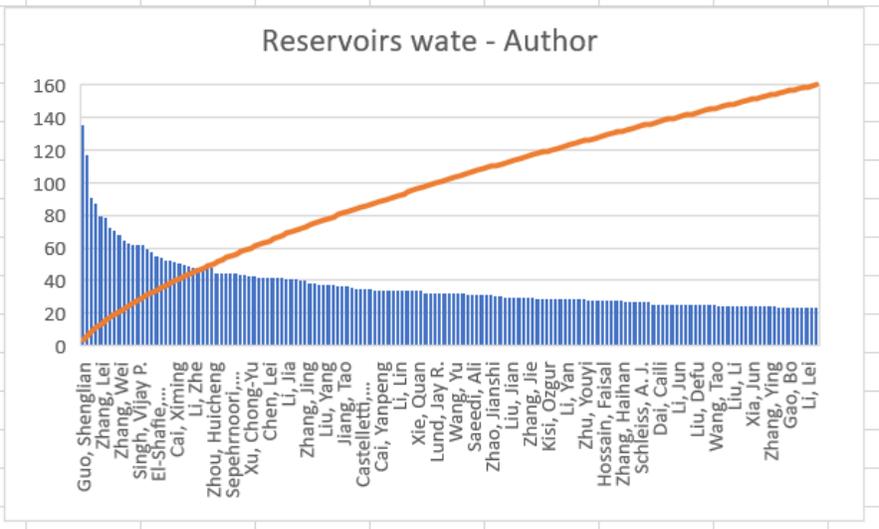
6. Technology of low-perm Rogatchev, M.K. (Saint Petersburg Challenges and Prospects - 11th Challenges and Prospects - 11th Database: Compendex Document type: Conference

Engineering_Village_Navigator_1

就緒 協助工具: 無法使用

100%

點選下載圖示，可將圖表輸出成 CSV 檔案，進一步分析。



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

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 (9,107)
- Gold (3,818)
- Hybrid Gold (791)
- Bronze (2,609)
- Green (4,457)

[Learn more \[↗\]\(#\)](#)

Document type [🔊](#) [↓](#) [↑](#)

- Journal article (27,924)
- Conference article (15,436)
- Dissertation (635)
- Book chapter (426)
- Preprint (384)

[🔊 Bar chart](#) [View more \[>\]\(#\)](#)



Display: 25 results per page

- 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](#) [Cited by in Scopus \(3\)](#) [Full text \[↗\]\(#\)](#)
- Non-based reservoirs water quality assessment to identify ecotoxicological risks** [\(Open Access\)](#)
Formigo, Nuno (Departamento de Biologia, Faculdade de Ciências, Universidade do Porto, Porto; 4169-007, Portugal); **Pinto, Ivo; Formigo, Nuno; Antunes, Sara C.** Source: *Water (Switzerland)*, v 13, n 20, October-1 2021
Database: Compendex
Document type: Journal article (JA)
[Show preview](#) [Cited by in Scopus \(3\)](#) [Full text \[↗\]\(#\)](#)
- Multipolarization Time Series of Sentinel-1 SAR Imagery to Analyze Variations of Reservoirs' Water Body** [\(Open Access\)](#)
Ferrentino, Emanuele (Dipartimento di Ingegneria, Università Degli Studi di Napoli Parthenope, Napoli; 80133, Italy); **Nunziata, Ferdinando; Buono, Andrea; Urcioli, Angelo; Migliaccio, Maurizio** Source: *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, v 13, p 840-846, 2020
Database: Compendex
Document type: Journal article (JA)
[Show preview](#) [Cited by in Scopus \(18\)](#) [Full text \[↗\]\(#\)](#)
- Reagentless preparation of formation water for reservoir pressure maintenance system in low permeable oil reservoirs. Water ozonation method**
Shumeiko, Andrei (TomskNIPIneft); **Polubojartsev, Dmitriy** Source: *Society of Petroleum Engineers - SPE Russian Petroleum Technology Conference 2019, RPTC 2019, 2020, Society of Petroleum Engineers - SPE Russian Petroleum Technology Conference 2019, RPTC 2019*
Database: Compendex
Document type: Conference article (CA)
[Show preview](#)

加入關鍵字曾文水庫。

檢索結果限縮 — 曾文水庫象鼻管工程

22 records found in Compendex & Ei Backfile for 1884-2023: ("Reservoirs water") WN ALL + Tseng-Wen Reservoirs

1 of 1 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 (1)
- Gold (1)
- Green (1)

Learn more

Document type

- Journal article (16)
- Conference article (6)

Controlled vocabulary

- Reservoirs (Water) (22)
- Hurricanes (7)
- Water Quality (6)
- Floods (5)
- Flood Control (4)

View more

Print Email

Display: 25 results per page

- Discharge Performance of the Tseng-Wen Reservoir of Taiwan
Yu, Teng-Tsun
Database: Document
Show preview
- Real-time Flood Control of the Tseng-Wen Reservoir
Huang, Chi-Chang
Database: Document
Show preview
- Three-dimensional Simulation of the Tseng-Wen Reservoir
Wu, Jian-Hong
January 2013
Database: Document
Show preview
- The development of the Tseng-Wen Reservoir
Chen, Yu-Wen
Chen, You-Wei
Database: Document
Show preview
- Relations between the Tseng-Wen Reservoir and the Tseng-Wen Reservoir
Chu, Hone-Jay
Database: Document
Show preview

Controlled vocabulary

Filter results: Start typing to filter results

<input type="checkbox"/> Reservoirs (Water) (22)	<input type="checkbox"/> Image Classification (2)
<input type="checkbox"/> Hurricanes (7)	<input type="checkbox"/> Information Management (2)
<input type="checkbox"/> Water Quality (6)	<input type="checkbox"/> Information Use (2)
<input type="checkbox"/> Floods (5)	<input type="checkbox"/> Landforms (2)
<input type="checkbox"/> Flood Control (4)	<input type="checkbox"/> Multiobjective Optimization (2)
<input type="checkbox"/> Land Use (4)	<input type="checkbox"/> Neural Networks (2)
<input type="checkbox"/> Reservoir Management (4)	<input type="checkbox"/> Rain (2)
<input type="checkbox"/> Watersheds (4)	<input type="checkbox"/> Risk Assessment (2)
<input type="checkbox"/> Decision Making (3)	<input type="checkbox"/> Rivers (2)
<input type="checkbox"/> Fuzzy Inference (3)	<input type="checkbox"/> Runoff (2)
<input type="checkbox"/> Genetic Algorithms (3)	<input type="checkbox"/> Satellite Imagery (2)
<input type="checkbox"/> Storms (3)	<input type="checkbox"/> Turbidity (2)
<input checked="" type="checkbox"/> Tunnels (3)	<input type="checkbox"/> Water Analysis (2)
<input type="checkbox"/> Water Conservation (3)	<input type="checkbox"/> Water Pollution (2)
<input type="checkbox"/> Water Management (3)	<input type="checkbox"/> Acoustic Emissions (1)
<input type="checkbox"/> Water Supply (3)	<input type="checkbox"/> Agricultural Pollution (1)
<input type="checkbox"/> Weather Forecasting (3)	<input type="checkbox"/> Antennas (1)
<input type="checkbox"/> Acoustic Emission Testing (2)	<input type="checkbox"/> Atmospheric Thermodynamics (1)
<input type="checkbox"/> Adaptive Control Systems (2)	<input type="checkbox"/> Bacteria (1)
<input type="checkbox"/> Agriculture (2)	<input type="checkbox"/> Blasting (1)
<input type="checkbox"/> Catchments (2)	<input type="checkbox"/> Chemical Analysis (1)

View: 10 60 Max

Limit to Exclude

Chu, Hone-Jay (Department of Geomatics, National Cheng Kung University, No. 1, University Road, Tainan City 701, Taiwan); Liu, Chun-Yu; Wang, Chi-Kuei Source: 33rd International Conference on Urban Storm Drainage, 2012, ICDSD 2012, p. 2107-2105, 2012, 22 slides, 2 refs., 2012, 4 CD-ROMs

檢索結果限縮 — 暫存、匯出

3 records found in Compendex for 1884-2023: ("Reservoirs water") WN ALL × + Tseng-Wen Reservoirs × + {tunnels} WN CV ×

1 of 1 pages

Create alert Save search Share search RSS feed

Sort by: Relevance

Display: 25 results per page

Refine

Selected Records : 勾選文獻前方選取方塊，即可將文獻暫存或進行右邊選項管理勾選文獻。

管理檢索結果：寄E-mail/列印/下載書目資訊/存到我的資料夾/移除重複文章。

Limit to Exclude

Add a term

Document type

Journal article (3)

Author

Wu, Jian-Hong (2)

Capart, Herve (1)

Hsieh, Meng-Long (1)

Jan, Shu-Chi (1)

Pan, Yu-Wei (1)

Author affiliation

Department Civil Engng, National Cheng Kung University (1)

Department Of Civil Engineering And Hydrotech Research Institute, National Taiwan University (1)

Department Of Civil Engineering, National Cheng Kung University (1)

Download record(s)

NOTE: Your selected records (maximum of 1000) will be kept until your session ends. Please register and login to retain your records for up to 7 days.

To clear selected records:

- Go to the Selected records page and clear the records; OR
- End your session

Location:

- My PC
- Mendeley
- RefWorks
- Google Drive
- Dropbox
- Your Folder(s)

Format:

- EndNote (RIS, Ref. Manager)
- BibTeX
- Text (ASCII)
- CSV
- Excel®
- PDF add search summary
- RTF (Word®)

Output:

- Current page view
- Citation
- Abstract
- Detailed record

File name:

Engineering_Village

_RIS_Date/Time.ris

Remove selected records after download (My PC only)

Save to My Preferences

下載紀錄可選擇下載位置（可直接存放於雲端），及匯出格式（支援書目管理軟體）

Cancel

Download record(s)

1 of 1 pages

25 results per page

檢索結果限縮 — 排序

3 records found in Compendex for 1884-2023: (("Reservoirs water") WN ALL) × + Tseng-Wen Reservoirs × + {tunnels} WN CV ×

1 of 1 pages

Create alert Save search Share search RSS feed

Sort by: Relevance

- Relevance
- Date (Oldest)
- Date (Newest)
- Author (A-Z)
- Author (Z-A)
- Source (A-Z)

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

Document type

Journal article (3)

Author

Wu, Jian-Hong (2)

Capart, Herve (1)

Hsieh, Meng-Long (1)

Jan, Shu-Chi (1)

Pan, Yu-Wei (1)

Author affiliation

Department Civil Engng, National Cheng Kung University (1)

Department Of Civil Engineering And Hydrotech Research Institute, National Taiwan University (1)

Department Of Civil Engineering, National Cheng Kung University (1)



1. **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 & Earth Sciences*, v 15, n 1, p 1-10, January 2013

Database: Compendex
Document type: Journal article (JA)
Show preview Cited by in Scopus (4) Full text

2. **Late Holocene episodic river aggradation along the Lao-nong River (southwestern Taiwan): An application of the Transbasin Diversion Project**

Hsieh, Meng-Long (Department of Earth and Environmental Sciences, National Chung Cheng University, Chiayi, Taiwan); Capart, Herve Source: *Engineering Geology*, v 159, p 83-97, June 12, 2013

Database: Compendex
Document type: Journal article (JA)
Show preview Cited by in Scopus (1)

3. **Experimental validation of the transbasin water diversion project**

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)
Show preview Cited by in Scopus (16) Full text

可依照相關程度、日期、作者、文獻來源、出版者排序（預設為相關程度）；在相同條件之下，再依降冪或升冪規則排序。

1 of 1 pages

Display: 25 results per page

文獻查看

3 records found in Compendex for 1884-2023: (("Reservoirs water") WN ALL) × + Tseng-Wen Reservoirs × + {tunnels} WN CV ×

1 of 1 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

Document type

Journal article (3)

Author

Wu, Jian-Hong (2)

Capart, Herve (1)

Hsieh, Meng-Long (1)

Jan, Shu-Chi (1)

Pan, Yu-Wei (1)

Author affiliation

Department Civil Engng, National Cheng Kung University (1)

Department Of Civil Engineering And Hydrotech Research Institute, National Taiwan University (1)

Department Of Civil Engineering, National Cheng Kung University (1)



Display: 25



results per page

- 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); **Yu-Wei Source:** *Environmental Earth Sciences*, v 68, n 1, p 77-86, January 2013
Database: Compendex
Document type: Journal article (JA)
Show preview **Cited by in Scopus (4)** **Full text**
- 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 (14)** **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
Database: Compendex
Document type: Journal article (JA)
Show preview **Cited by in Scopus (16)** **Full text**

1 of 1 pages

Display: 25



results per page

文獻全記錄：摘要

< Back to results

Full text ↗

Share

Export

Print

Cite

Folder

< Record 1 of 3 >

可至原文原下載路徑，全文取得仍以單位訂購範圍為主。

Abstract

Indexing

Metrics

Funding

Supplementary Information

Compendex references 20

快速切換段落

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^[1] ✉ ; Pan, Yu-Wei^[1]

Corresponding author: Wu, J.-H. ✉

Author affiliation:

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

Accession number

20130215888108

Publisher

Springer Verlag

ISSN

1866-6280

E-ISSN

18666299

DOI

10.1007/s12665-012-1717-9

Authors：點選作者名字找到更多該作者發表的文章

Author affiliation：每位作者的所屬機構

E-mail：主要作者聯絡資訊

ISSN：找到更多關於這本期刊的文章

Abstract：文章內容摘要

Related documents

Journals

Deformation and failure mechanism of particulate filled and short fiber reinforced thermoplastics: Detection and analysis by acoustic emission testing

Ferdinánd, Milán; Várdai, Róbert; Móczó, János; Pukánszky, Béla

under-cored samples at different pre-stresses with AE and DRA. Then, cores taken from the Tseng-Wen Reservoir Transbasin water tunnel site at a great depth of 416-739 m underground were under-cored. The experimental results indicate that the major principle in situ stress is from 30.8 to 39 MPa and is in

文獻全記錄：索引

Abstract

Indexing

Metrics

Funding

Supplementary Information

Compendex references 20

[Back to top](#)

Indexing

Main heading:
Stresses

Main heading : 本文主要討論主題。

Controlled terms:

Acoustic emission testing Tunnels Deformation Reservoirs (water)

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 4.56e-02m

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

Study on Large Deformation Control
Technology and Deformation Control Criteria

u-Lanzhou

u
Railway

Database: Compendex

文獻全記錄：指標

Abstract

Indexing

Metrics

Funding

Supplementary Information

Compendex references 20

[Back to top](#)

Metrics

Scopus ? ↗

4 ↗

Citations

2 ∨

Authors

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

[Back to top](#)

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

Compilation and indexing terms, © 2022 Elsevier Inc.

提供此篇文章的書目資訊

文獻全記錄：參考文獻

Abstract

Indexing

Metrics

Funding

Supplementary Information

[Compendex references](#) 20

[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

文獻內容：詳細格式

右側區塊提供與此篇文章的Related Documents (相關文獻)

Related documents

Journals

Deformation and failure mechanism of particulate filled and short fiber reinforced thermoplastics: Detection and analysis by acoustic emission testing

Ferdinánd, Milán; Várdai, Róbert; Móczó, János;

Pukánszky, Béla

(2021) *Polymers*

Database: *Compendex*

Conferences

Articles in Press

Book Chapters

Standards

Preprints

[View all related documents](#)

Expert search:

{Acoustic emission testing} WN ALL OR {Tunnels} WN ALL OR {Deformation} WN ALL OR {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

[Reset form](#)

Databases Date Sort by Autostemming Search codes Browse indexes

39,263 records

1 of 1,571 pages >

found in Compendex, Inspec, NTIS, PaperChem, Chimica, CBNB, EnCompassLIT, EnCompassPAT, GEOBASE, GeoRef, US Patents, EP Patents, Knovel & WO Patents for 1666-2023: ({Acoustic emission testing} WN ALL OR {Tunnels} WN ALL OR {Deformation} WN ALL OR {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 (((eup WN DB) OR (knc WN DB) OR (nti WN DB) OR (upa WN DB) OR (ept WN DB) OR (chm WN DB) OR (cpx WN DB) OR (elt WN DB) OR (cbn WN DB) OR (ins WN DB) OR (geo WN DB) OR (pch WN DB) OR (wop WN DB) OR (grf WN DB)) NOT (c84 WN DB) NOT (ibf WN DB) NOT (ibs WN DB) NOT (zbf WN DB)))

[Create alert](#)

[Save search](#)

[Share search](#)

[RSS feed](#)

Sort by: **Relevance**

Refine

[Remove duplicates](#)

By physical property

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

By category

[Download all](#)

[Limit to](#)

[Exclude](#)

[Print](#) [Email](#) [Share](#)

Display: 25 results per page

- Deformation and failure mechanism of particulate filled and short fiber reinforced thermoplastics: Detection and analysis by acoustic emission testing** ([Open Access](#))
Ferdinánd, Milán (Institute of Materials and Environmental Chemistry, Research Centre for Natural Sciences, P.O. Box 286, Budapest; H-1519, Hungary); Várdai, Róbert; Móczó, János; Pukánszky, Béla Source: *Polymers*, v 13, n 22, November-2 2021
Database: Compendex
Document type: Journal article (JA)
[Show preview](#) [Cited by in Scopus \(3\)](#) [Full text](#)
- Study on Large Deformation Control Technology and Deformation Control Criteria for Soft Rock Tunnels of Chengdu-Lanzhou Railway**
Guo, Xiaolong (School of Civil Engineering, Beijing Jiaotong University, Beijing; 100044, China); Tan, Zhongsheng; Yu, Yu Source: *Tiedao Xuebao/Journal of the China Railway Society*, v 44, n 3, p 86-104, March 15, 2022 Language: Chinese



Expert Search | 專家檢索

切換至專家檢索



Engineering Village

Search

Search history 50

Alerts 0

Selected records 1

Bulletins

More

?

Library icon

TH

Expert search:

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

Quick

Expert

Thesaurus

Author

Affiliation

Engineering Research Profile

Inspec Analytics



Reset form

Databases

Date

Sort by

Auto

Browse indexes

- All
- Compendex
- Inspec
- EnCompassLIT
- EnCompassPA
- WO Patents
- Knovel

- Chimica
- CBNB
- US Patents
- EP Patents



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

專家檢索說明

在檢索框中輸入檢索辭彙、檢索欄位代碼、布林邏輯等。

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)



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
el = EnCompassLIT
ep = EnCompassPAT
g = GEOBASE

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

CVMP = Major term as a product (el,ep)
CVMA = Major term as a reagent (el,ep)
CVMN = Major term with no role (el,ep)
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)

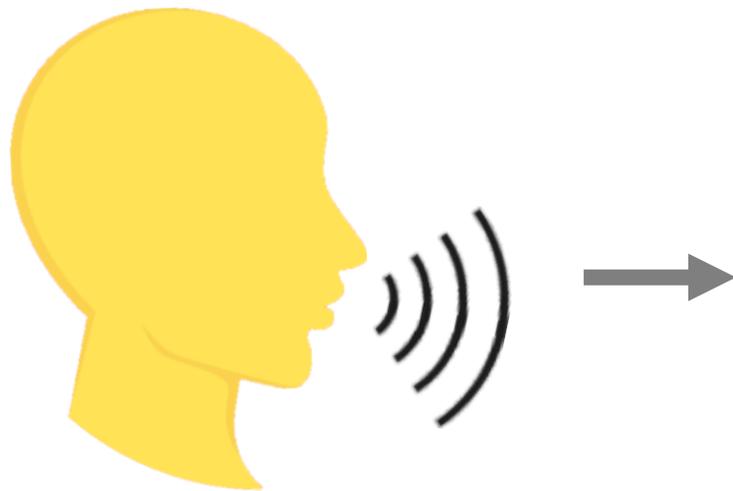
Codes displayed will depend on your current database selection

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

Hydraulic structures
水利工程

Related Term
相關詞

Dams
大壩

Reservoirs
(water)
水庫

Narrow Term
狹義詞

Gravity dams
重力壩

Arch dams
拱壩

Reservoir inlets
水庫進水口

Thesaurus 索引典檢索



Engineering Village

Search ▾

Search history ▾ 50

Alerts 0

Selected records 1

Bulletins

More ▾



TH

Thesaurus search:

Vocabulary search

computer simulation

Search index 🔍

Database:



Compendex



EBASE



GeoRef

Quick

Expert

Thesaurus

Author

Affiliation

Engineering Research Profile

Inspec Analytics

Renewable Energy

Are you looking for research related to renewable energy? Engineering Village has you covered! Use the searches below to get started.

Solar Energy



Wind Energy



Geothermal Energy



Hydropower / Hydroelectricity



Bioenergy / Biomass Energy



Tidal Energy



Thesaurus 索引典檢索

Engineering Village

Search Search history 50

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

Database: Vocabulary search Exact term Browse

Renewable Energy

Looking for research related to renewable energy. See sample searches below to get started.

- Solar Energy
- Geothermal Energy
- Bioenergy / Biomass Ener

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

Thesaurus search: Vocabulary search for

Database: Compindex Inspec EnCompass 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



Date ▾ Document type ▾ Language ▾ Discipline ▾ Treatment ▾ Sort by ▾

Thesaurus 索引典檢索 — Browse

Thesaurus search: Browse



for

Reservoirs (water)

Search index

Database: Compendex Inspec EnCompass 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



Date [∨] Document type [∨] Language [∨] Discipline [∨] Treatment [∨] Sort by [∨]

Thesaurus 索引典檢索 — Exact Term

Thesaurus search: Exact term



for Reservoirs (water)

Search index

Database: Compendex Inspec EnCompass 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

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

Thesaurus search:

Exact term



for

Reservoirs (water)

Search index

Database:



Compendex



Inspec



EnCompass



GEOBASE



GeoRef

Exact term results ^

Reservoirs (water) > Dams

Dams

Broader terms

Hydraulic structures

由此可查看當前關鍵詞或點擊返回之前的關鍵詞。

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

Selected term(s) >

Gravity dams

Arch dams

AND
 OR

Reset form



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

2,951 records found in Compendex for 1884-2023: (((({Gravity dams} WN CV) OR ({Arch dams} WN CV))))

1 of 119 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 (284)
- Gold (141)
- Hybrid Gold (7)
- Bronze (92)
- Green (113)

[Learn more](#) [↗](#)

Controlled vocabulary



- Arch Dams (1,757)
- Gravity Dams (1,285)
- Arches (1,218)
- Concrete Dams (1,042)
- Concretes (1,035)



Display: 25 results per page

- Calculation and Analysis of Temperature Damage of Shimantan Concrete Gravity Dam Based on Macro-Meso Model** (Open Access)
Jiao, Yantao (School of Water Conservancy, North China University of Water Resources and Electric Power, Zhengzhou; 450045, China); **Cheng, Liping; Wang, Ning; Wang, Sizhe; Ma, Luyao** Source: *Materials*, v 15, n 20, October 2022
Database: Compendex
Document type: Journal article (JA)
Show preview [Full text](#) [↗](#)
- DECOMMISSIONING OF AN ARCH-GRAVITY DAM AND MEASURES TAKEN FOR ITS REPLACEMENT BY A DOUBLE CURVATURE ARCH DAM**
Balissat, Marc (STUCKY Ltd); **Filliez, Jérôme; Fankhauser, Andres** Source: *27th International Congress on Large Dams, ICOLD 2022*, p 471-481, 2022, *27th International Congress on Large Dams, ICOLD 2022*
Database: Compendex
Document type: Conference article (CA)
Show preview [Full text](#) [↗](#)
- Safety Evaluation of an Arch-Gravity Dam Based on a Small Displacement Hydromechanical Coupled Model**
Azevedo, Nuno M. (Concrete Dams Department, LNEC, Av. Brasil 101, Lisbon; 1700-066, Portugal); **Braga Farinha, Maria Luísa; Freitas, G.; Almeida, João R.** Source: *Lecture Notes in Civil Engineering*, v 126, p 285-292, 2021, *Challenges and Innovations in Geomechanics - Proceedings of the 16th International Conference of IACMAG - Volume 2*
Database: Compendex
Document type: Conference article (CA)
Show preview [Full text](#) [↗](#)
- Data-driven crack behavior anomaly identification method for concrete dams in long-term service using offline and online change point detection**
Li, Yangtao (State Key Laboratory of Hydrology-Water Resources and Hydraulic Engineering, Hohai University, Nanjing 210098, China)



Author Search | 作者檢索

作者檢索



Engineering Village

Search ▾

Search history ▾ ⁵⁰

Alerts ⁰

Selected records ¹

Bulletins

More ▾



TH

Author last name:

Author first name:

Affiliation name:

ORCID:

Show

- Quick
- Expert
- Thesaurus
- Author
- Affiliation
- Engineering Research Profile
- Inspec Analytics

* Searches are limited to authors within Compendex

作者檢索介紹



Engineering Village

ELSEVIER

Search ▾

Search history ▾ ⁵⁰

Alerts ⁰

Selected records ¹

Bulletins

More ▾

ⓘ ▾

🏛️ ▾

TH

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



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

* Searches are limited to authors within Compendex records

2 author results in Compendex for Last name: "desheng"

1 of 1 pages

Display: 25 results per page

因可能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。

(SC)

Refine

By category

Limit to

Exclude

Source Title

Undefined (2)

Country/Region

China (2)

Name

Subject area

Affiliation name

City

Country/Region

1. Zhao, Desheng

Zhao, De Sheng
Desheng, Zhao

[View 21 records](#)

[Create Alert](#)

[View Scopus Author Profile](#)

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

Author last name:

ORCID:



Author first name:

Affiliation name:



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)

City



Name	Subject area	Affiliation name	City	Country/Region
1. Chang, Fijohn Chang, F. J. Chang, Fi John Chang, F. John	Environmental Science; Energy; Computer Science; ...	National Taiwan University	Taipei	Taiwan

[View 147 records](#) [Create Alert](#) [View Scopus Author Profile](#) orcid.org/0000-0002-1655-8573

1 of 1 pages

Display: 25 results per page

作者發表文獻結果頁面

147 records found in Compendex & Ei Backfile for 1884-2023: (7403648844 WN auid)

1 of 6 pages >

Create alert

Save search

Share search

RSS feed

Sort by: Date (Newest)



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 (65)

Gold (12)

Bronze (6)



Display: 25 results per page

1. **A hybrid of response surface methodology and artificial neural network in optimization of culture conditions of mycelia growth of *Antrodia cinnamomea***

Lee, Meng-Hsin (Department of Bioenvironmental Systems Engineering, National Taiwan University, No. 1, Sec. 4, Roosevelt Rd, Taipei; 10617, Taiwan); **Lu, Wei-Bin; Lu, Mei-Kuang; Chang, Fi-John** Source: *Biomass and Bioenergy*, v 158, March 2022

Database: Compendex

Document type: Journal article (JA)

Show preview Cited by in Scopus (3) [Full text ↗](#)

2. **Spatial-temporal flood inundation nowcasts by fusing machine learning methods and principal component analysis**

Chang, Li-Chiu (Department of Water Resources and Environmental Engineering, Tamkang University, New Taipei City; 25137, Taiwan); **Liou, Jia-Yi; Chang, Fi-John** Source: *Journal of Hydrology*, v 612, September 2022

Database: Compendex

Document type: Journal article (JA)

Show preview Cited by in Scopus (3) [Full text ↗](#)

Feedback



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

Quick

Expert

Thesaurus

Author

Affiliation

Engineering Research Profile

Inspec Analytics

* Searches are limited to affiliations within Compens

Try

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

Artificial intelligence

For: AI; Computational intelligence; Machine Intelligence

Broader terms	Related terms	Narrower terms
<input type="checkbox"/> Cybernetics	<input type="checkbox"/> Adaptive systems	<input type="checkbox"/> Artificial life
	<input type="checkbox"/> Ambient intelligence	<input type="checkbox"/> Fuzzy control
	<input type="checkbox"/> Automatic identification	<input type="checkbox"/> Intelligent computing

Example

Go to Thesaurus Search

機構檢索

Affiliation name: National Taiwan University



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

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

1 of 1 pages

Display: 25 results per page

Sort by: Count (DESC)

Refine

By category

Limit to

Exclude

Country/Region

Taiwan

(10)

City

Taipei

(8)

Banchiao

(1)

Taichung

(1)

	Name	Documents	City	Country/Region
1.	National Taiwan University National Taiwan University	View 61,310 records	Taipei	Taiwan
2.	National Taiwan University of Science and Technology National Taiwan University Of Science And Technology	View 24,616 records	Taipei	Taiwan
3.	College of Engineering, National Taiwan University Department Of Civil Engineering	View 5,...		
4.	National Taiwan University Hospital National Taiwan University Hospital	View 2,457 records	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

61,310 records found in Compendex for 1884-2023: (60005429 WN afd)

1 of 2,453 pages >

Create alert

Save search

Share search

RSS feed

 Affiliation results

Sort by: Date (Newest)



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 (17,382)
- Gold (2,266)
- Hybrid Gold (537)
- Bronze (2,118)
- Green (14,855)

[Learn more](#)



Display: 25

 results per page



Full-field chromatic confocal microscopy for surface profilometry with sub-micrometer accuracy

Chen, Hong-Ruei (Department of Mechanical Engineering, No. 1, Section 4, National Taiwan University, Roosevelt Rd, Da'an District, Taipei City; 10617, Taiwan); **Chen, Liang-Chia** **Source:** *Optics and Lasers in Engineering*, v 161, February 2023

Database: Compendex

Document type: Journal article (JA)

Show preview 

[Full text](#)



Very fast algorithms for implied barriers and moving-barrier options pricing

Lu, Yu-Ming (Department of Computer Science & Information Engineering, National Taiwan University, No.30, Sec.3, Xinhai Road, Taipei; 106032, Taiwan); **Lyu, Yuh-Dauh** **Source:** *Mathematics and Computers in Simulation*, v 205, p 251-271, March 2023

Database: Compendex

Document type: Journal article (JA)

Show preview 

[Full text](#)



Assessing the ecological risk and ecotoxicity of the microbially mediated restoration of heavy metal-contaminated river sediment

How, Chun Ming (Department of Bioenvironmental Systems Engineering, National Taiwan University, Taipei; 106, Taiwan); **Kuo, Yu-Hsuan;** **Huang, Mei-Lun;** **Liao, Vivian Hsiu-Chuan** **Source:** *Science of the Total Environment*, v 858, February 1, 2023

Database: Compendex



Engineering Research Profile

工程研究機構檢索

工程研究機構檢索



Engineering Village

Search

Search History

Alerts

Selected records

More



Engineering research profile

National Chung Hsing University

7,952 records in Compendex

Filter by:

2012



to 2023



AND

Select subject Area



Reset filters



Institutions & groups

Search & add

chung hsing

National Chung Hsing University

Remove all

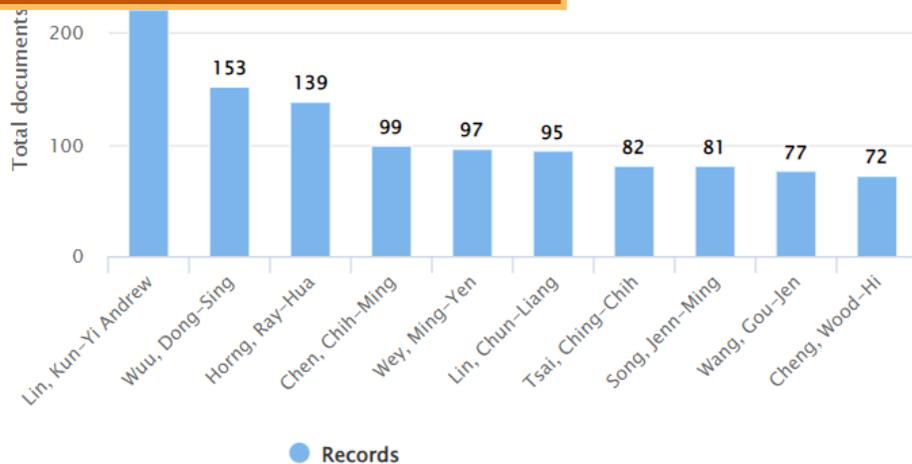
Favorites

Search institutions, then select + to create a favorites list.

Save your favorites by creating an account or signing in to your current Elsevier account.

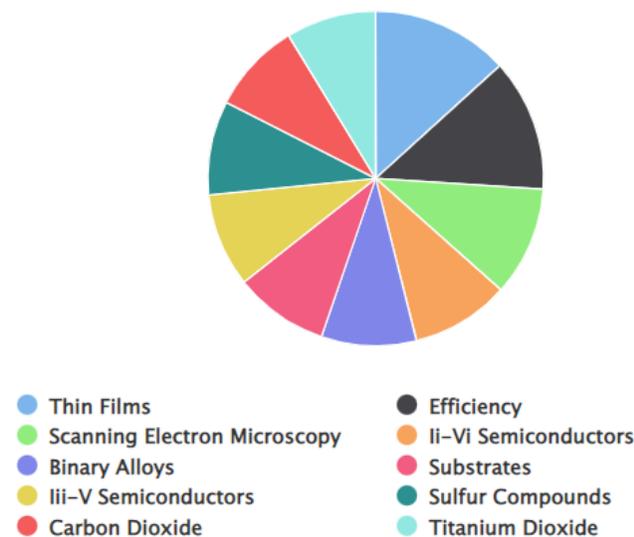
輸入想要查詢追蹤學校名稱後，可點擊建議選單後查看

Top authors



View more

Research focus



View more

工程研究機構檢索



Engineering Village

Search

Search History ⁰

Alerts ⁰

Selected records ⁰

More



Engineering research profile

National Chung Hsing University

7,952 records in Compendex

Filter by:

2012



to 2023



AND

Select subject Area



Reset filters

Institutions & groups

Search & add

Search institution by name...

National Chung Hsing University + X

Favorites

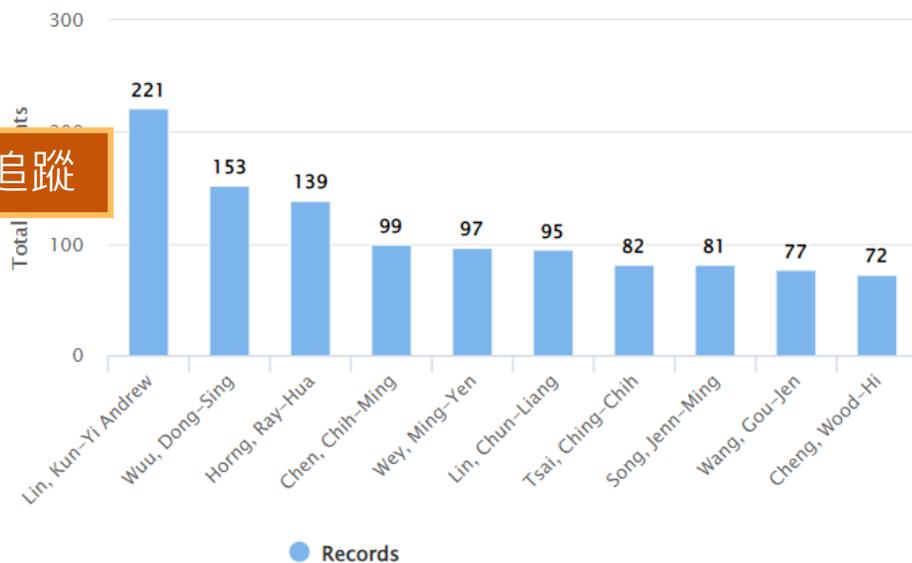
Search institutions, then select + to create a favorites list.

Save your favorites by creating an account or signing in to your current Elsevier account.



Top authors

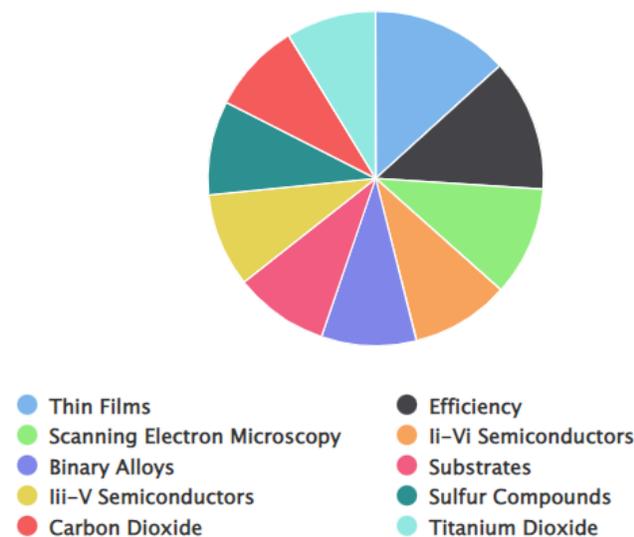
Pie



View more >

Research focus

Bar



View more >

可按 + 加入收藏，以便後續追蹤

工程研究機構檢索



Engineering Village

Search

Search History

Alerts

Selected records

More



Engineering research profile

National Chung Hsing University

7,952 records in Compendex

Filter by:

2012



to 2023



AND

Select subject Area



Reset filters



Institutions & groups

Search & add

Search institution by name...

Favorites

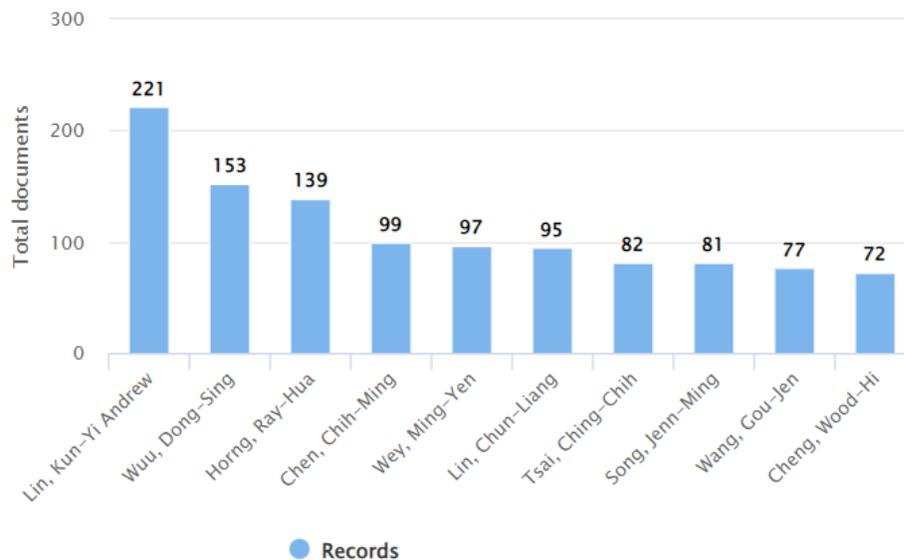
National Chung Hsing University

Remove all

Save your favorites by creating an account or signing in to your current Elsevier account.

Top authors

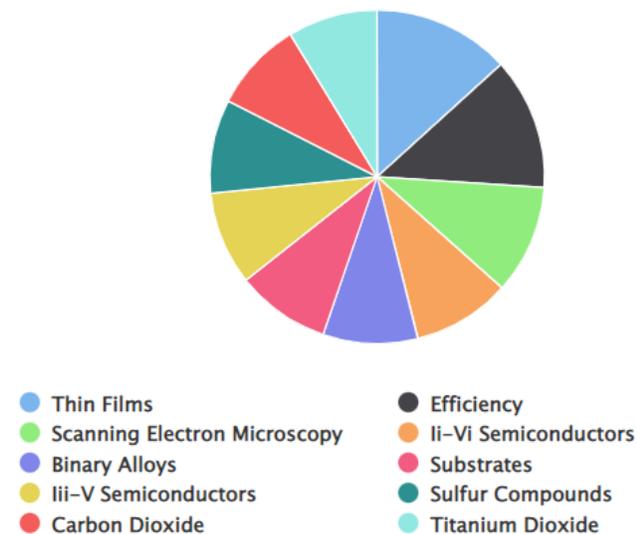
Pie



View more

Research focus

Bar



View more



管理檢索結果



檢索歷史



Engineering Village

Search ▾

Search history ▾ ²¹

Alerts ⁰

Selected records ⁰

Bulletins

More ▾



TH

Search history on Engineering Village

Searches for registered users are saved automatically for 7 days from their last sign in day.

Note: A maximum of 50 searches are kept at any time.

Save search history On

Save your search history in Engineering Village so that you can easily rerun your searches and check for new results.

At Elsevier, we recognize the importance of proper handling of personal data. For more information, please visit our [Privacy Center](#).

可選擇是否儲存檢索結果。

可利用檢索紀錄編號，搭配布林邏輯結合查詢

21 searches

Delete all Email Print Download

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

Search ▾

Search history ▾ ²¹

Alerts ⁰

Selected records ⁰

Bulletins

More ▾

? ▾

Library icon ▾

TH

Search history on Engineering Village

Searches for registered users are saved automatically for 7 days from their last sign in day.

Note: A maximum of 50 searches are kept at any time.

Save search history On

Save your search history in Engineering Village so that you can easily rerun your searches and check for new results.

At Elsevier, we recognize the importance of proper handling of personal data. For more information, please visit our [Privacy Center](#).

21 searches

Delete all

Email

Print

Download

Combine searches:

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



Combine searches

Search query

呈現檢索歷史，點進 Details 可顯示詳細檢索資訊。

Alert

Save search

Search actions

Saved on

#21



114,511 results

Details ▾

Type: Quick

Years: 1884 - 2023

Sort: Relevance

Autostemming: on

er) WN ALL)



10 Feb 2023
1:48 PM

#20



25 results in C

WN ALL))) AN

Details ▾

) AND ((taiwan) WN CO)) AND ((National Chiao Tung University)

ing, national chiao tung university} OR {national chiao tung ...



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 ▾

WN CO)) AND ((National Chiao Tung University)



9 Feb 2023
9:43 AM

檢索歷史



Engineering Village

Search ▾

Search history ▾ ²¹

Alerts ⁰

Selected records ⁰

Bulletins

More ▾

? ▾

Library ▾

TH

Search history on Engineering Village

Create alert

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

Cancel

建立檢索歷史追蹤 (需要註冊個人帳號)

Searches for registered users are saved.
Note: A maximum of 50 searches are saved.

Save search history

Save your search history in Engineering Village.

At Elsevier, we recognize the importance of your personal information, please visit our [Privacy Policy](#).

21 searches

Combine searches

Search

#21

 ▾

114,500

Details

#20

 ▾

25 results

WN A

Details

#19

 ▾

25 results

WN A

Details

Searches: 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

檢索歷史



Engineering Village

Search ▾

Search history ▾ ²¹

Alerts ⁰

Selected records ⁰

Bulletins

More ▾

ⓘ ▾

🏛️ ▾

TH

Search history on Engineering Village

Searches for registered users are saved automatically for 7 days from their last sign in day.

Note: A maximum of 50 searches are kept at any time.

Save search history On

Save your search history in Engineering Village so that you can easily rerun your searches and check for new results.

At Elsevier, we recognize the importance of protecting your personal information, please visit our [Privacy](#)

21 searches

Combine searches

Search queries

#21



114,511 results

Details ▾

#20



25 results in

WN ALL)))

Details ▾

#19



25 results in

WN ALL))

Details ▾

Save search

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)

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

Alert

Save search

Search actions

Saved on



10 Feb 2023
1:48 PM



9 Feb 2023
9:45 AM



9 Feb 2023
9:43 AM

檢索歷史



Engineering Village

Search ▼ Search history ▼ ²¹ Alerts ⁰ Selected records ⁰ Bulletins More ▼ ? ▼ TH

Search history on Engineering Village

Searches for registered users are saved automatically for 7 days from their last sign in day.
Note: A maximum of 50 searches are kept at any time.

Save search history On

Save your search history in Engineering Village so that you can easily rerun your searches and check for new results.

At Elsevier, we recognize the importance of proper handling of personal data. For more information, please visit our [Privacy Center](#).

21 searches

Delete all Email Print Download

Combine searches:

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"/>	<input type="button" value="✎"/> <input type="button" value="✕"/>	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="checkbox"/>	<input type="checkbox"/>	<input type="button" value="✎"/> <input type="button" value="✕"/>	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"/>	<input type="button" value="✎"/> <input type="button" value="✕"/>	9 Feb 2023 9:43 AM

編輯此檢索歷史

檢索歷史



Engineering Village

Search history on Engineering Village

Searches for registered users are saved automatically for 7 days from their last sign in day.
Note: A maximum of 50 searches are kept at any time.

Save search history On

Save your search history in Engineering Village so that you can easily rerun your searches and check for new results.

At Elsevier, we recognize the importance of proper handling of personal data. For more information, please visit our [Privacy Center](#).

21 searches

Delete all Email Print Download

Combine searches:

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"/>	<input type="button" value="✕"/> <input type="button" value="✎"/>	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"/>	<input type="button" value="✕"/> <input type="button" value="✎"/>	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"/>	<input type="button" value="✕"/> <input type="button" value="✎"/>	9 Feb 2023 9:43 AM

刪除該筆檢索歷史



保存文章的方法

分享

< Back to results

Full text ↗

Share

Export

Print

Cite

Folder

< Record 1 of 16 >

Share this record

Permanent link

Email

Embed as HTML

Use the link below to save this record or share via email.

https://www.engineeringvillage.com/app/doc/?docid=cpx_6e3d6013c3b2a4a16M439f2061377553

Copy to clipboard

以網頁連結分享。

Share this record

Permanent link

Email

Embed as HTML

Email this record.

Your email:

Share with:

Subject:

You may be interested in this record on Engineering Vi

Message:

Article title: **Three-dimensional in situ stresses at the tunnel were evaluated using acoustic emission (AE) and deformation rate analysis (DRA) with an under-coring technique: The Tseng-Wen Reservoir Transbasin**

Send email

以 Email 分享。

Share this record

Permanent link

Email

Embed as HTML

Embed this record using HTML.

```
<p>
  <a href='https://www.engineeringvillage.com/app/doc/?docid=cpx_6e3d6013c3b2a4a16M439f2061377553'><mark class="ev-highlight">Three-dimensional <mark class="ev-highlight">in</mark> <mark class="ev-highlight">situ</mark> <mark class="ev-highlight">stress</mark></mark> evaluation using a new under-coring technique: The Tseng-Wen Reservoir Transbasin water tunnel</a>
</p>
<p>Brought to you by <a href='https://www.engineeringvillage.com/app/'>
<img height=20 width=20
src='https://www.engineeringvillage.com/app/static/images/ei_w.png' alt='Ei logo'/> Engineering Village</a></p>
```

Copy to clipboard

以HTML嵌入分享。

Abstract

The Tseng-Wen Reservoir overburden of a tunnel within Taiwan. 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

Deformation and failure mechanism of particulate filled and short fiber reinforced

輸出

< Back to results

Full text ↗

Share

Export

Print

Cite

Folder

< Record 1 of 16 >

Abstract

Indexing

Metrics

Funding

Supplementary Information

Compendex references 20

Back to top



Compendex • Journal article (JA)

Three-dimensional in situ stress evaluation using a new under-coring tunnel

Environment

Wu, Jian-

Corresponding

Author affiliation

[1] Department

Abstract

The Tseng overburden evaluated technique in Taiwan.

evaluation, but the in situ borehole drilling is usually limited to the vertical direction, small samples

Accession number

20130215888108

Publisher

Springer Verlag

ISSN

1866-6280

E-ISSN

18666299

DOI

10.1007/s12665-012-1717-9

Related documents

Journals

Information and failure mechanism of calculate filled and short fiber reinforced

Export this record.

Choose an export format:

PDF

RTF

CSV

Excel®

TXT

BibTeX

EndNote

Save to:

My computer

Google Drive

Dropbox

Export

可依不同格式輸出，
並可決定儲存位置。

書目資料輸出

< Back to results

Full text ↗



Share



Export



Print



Cite



Folder

< Record 1 of 16 >

Abstract

Indexing

Metrics

Funding

Supplementary Information

Compendex references 20

Back to top



Compendex • Journal article (JA)

Three-dimensional in situ stress
coring technique: The Tseng-Wen
tunnel

Environmental Earth Sciences, Volume 68, Issue 1, 2015

Wu, Jian-Hong^[1] ✉; Pan, Yu-Wei^[1]

Corresponding author: Wu, J.-H. ✉

Author affiliation:

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

Cite this record

Add to Mendeley ↗

Save to RefWorks ↗

EndNote (.ris)

BibTeX (.bib)

若是要輸出至書目管理軟體，可直接透過 Cite 更加快速方便。

10.1007/s12665-012-1717-9

Abstract

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

Related documents

Journals ^

**Deformation and failure mechanism of
particulate filled and short fiber reinforced**

列印

< Back to results

Full text ↗



Share



Export



Print



Cite



Folder

< Record 1 of 16 >

Abstract

Indexing

Metrics

Funding

Supplementary Information

Compendex references 20

Back to top



Compendex • Journal article (JA)

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

Environmental Earth Sciences

Wu, Jian-Hong

Corresponding author

Author affiliation

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

Abstract

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 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 2.28 cm in diameter and 4.56 cm in length were under-cored from the borehole cores in six directions to evaluate

2023/2/10 下午2:00

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



Engineering Village

Record

Compendex • Journal article (JA)

Three-dimensional in situ stress evaluation using an 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 [1] ; Pan, Yu-Wei [1]

Corresponding author: Wu, J.-H.

Author affiliation:

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

Accession number

20130215888108

Publisher

Springer Verlag

ISSN

1866-6280

E-ISSN

18666299

DOI

10.1007/s12665-012-1717-9

Abstract

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 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 2.28 cm in diameter and 4.56 cm in length were under-cored from the borehole cores in six directions to evaluate

https://www.engineeringvillage.com/app/doc?docid=cpx_6e3d0013c3b2a4a16M4392061377553&pageSize=25&index=1&searchId=93697cde9... 1/4

Accession number

列印

4 張紙 8

目的地

Microsoft Print to PDF

網頁

全部

配置

直向

彩色

彩色

顯示更多設定

列印頁面

列印

取消

-012-1717-9

Documents

Deformation and failure mechanism of particulate filled and short fiber reinforced

儲存至個人資料夾

此功能需有個人化帳號

Full text ↗



Share



Export



Print



Cite



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

Back to results

Abstract

Indexing

Metrics

Funding

Supplementary Information

Compendex references 20

Back to top

The background features a light blue and white illustration of various data and technology concepts. It includes a network diagram with nodes and lines, a bar chart with five bars of decreasing height labeled 10, 8, 6, 5, and 3, a line graph with a peak and a dip, a pie chart, a lightbulb, and various currency symbols like \$, €, and ¥. The overall theme is digital data and personalization.

個人化帳號

個人化帳號介紹



Engineering Village

Search ▾

Search history ▾¹

Alerts⁰

Selected records⁰

More ▾

ⓘ ▾

🏠 ▾

Create account

Sign in

Quick search:

All fields



for

Reservoir water



ⓘ

Suggested terms: ⓘ

Reservoirs (Water)

Petroleum Reservoirs

Petroleum Reservoir Engineering

Oil Well Flooding

Floods

Turn off AutoSuggest | + Add search field | Reset form

Databases ^

Date ▾

Language ▾

Document type ▾

Sort by ▾

Browse indexes ▾

Autostemming ▾

Discipline ▾

Treatment ▾

109,147 records for Reservoir water

1 of 4,366 pages >

個人化帳號好處

- 儲存個人檢索策略、建立 E-mail Alert 追蹤文獻更新進度。

- 建立個人資料夾，儲存文獻。

- 每個帳號可建立 10 個資料夾。

- 每個資料夾可儲存 100 筆記錄。

15 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 (15,001)

Gold (6,052)

Hybrid Gold (1,327)

註冊 & 登入個人化帳號

Engineering Village



Registration form interface for Engineering Village. It features the Elsevier logo at the top, followed by the title "註冊" and the instruction "建立密碼以註冊". The form includes input fields for "電子郵件地址", "名字", "姓氏", and "密碼". A password strength提示框 (orange box) is located below the password field, stating: "選擇一個至少有 8 個字元的唯一密碼。包括至少 1 個數字、混合使用大寫字母、小寫字母和 1 個符號，以增加您的密碼強度。". Below this, there is a checkbox for "保持登入狀態 (若與他人共用設備，則不建議勾選)" and a note: "Elsevier 可能發送關於相關產品與活動的行銷通訊給您。您隨時可以經由 Elsevier 帳戶取消訂閱。如果您繼續，即表示您同意我們的條款及條件和隱私政策。". At the bottom, there is a "註冊" button.



Login form interface for Engineering Village. It features the Elsevier logo at the top, followed by the title "歡迎". Below the title, it says "請輸入您的電子郵件地址，以繼續使用 Engineering Village". There is an input field for "電子郵件地址". Below the input field, there is a blue "繼續" button and a white button with a blue border labeled "透過您的機構登入".

依照表單填入電子郵件、名字、
姓氏、密碼 (需注意設置條件)
即可註冊。

儲存檢索歷史



Engineering Village

Search ▼ Search history ▼ ²¹ Alerts ⁰ Selected records ⁰ Bulletins More ▼ ? ▼ 🏛️ ▼ TH

Search history on Engineering Village

Searches for registered users are saved automatically for 7 days from their last sign in day.
Note: A maximum of 50 searches are kept at any time.

Save search history On

Save your search history in Engineering Village so that you can easily rerun your searches and check for new results.

At Elsevier, we recognize the importance of protecting your personal information, please visit our [Privacy](#)

21 searches

Combine searches

Search que

#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 ▼

Save search

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

Alerts & Saved Searches



Engineering Village

Search ▾ Search history ▾²³ Alerts⁰ Selected records⁰ Bulletins More ▾ ? ▾ ▾ TH

Alerts and Saved searches

Alerts and saved searches can be created from a Search results list and the Search history page.

Note: A maximum of 260 Alerts and Saved searches can be set at once. Alerts are sent weekly.

Name	Search query	Active ⁱ	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

My preferences

Personal details

Alerts & saved searches

Privacy center ↗

Sign out

可查看已儲存之檢索策略並追蹤管理，最多可以設置 260 條 E-mail 追蹤提醒。



Alerts & Saved Searches



Engineering Village

Search ▾

Search history ▾ ²³

Alerts ⁰

Selected records ⁰

Bulletins

More ▾

? ▾

🏛️ ▾

TH

Alerts and Saved searches

Alerts and saved searches can be created from a Search results list and the Search history page.

Note: A maximum of 260 Alerts and Saved searches can be set at once. Alerts are sent weekly.

[Help about Alerts and Saved searches ?](#)

Name	Search query	Active ⓘ	Recent pub	Frequency	Actions
曾文水	Enable alert 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



Alerts and Saved searches

Alerts and saved searches can be created from a Search results list and the Search history page.

Note: A maximum of 260 Alerts and Saved searches can be set at once. Alerts are sent weekly.

[Help about Alerts and Saved searches](#) ⓘ

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

Edit alert

Search terms: (((("Zengwen Reservoir") WN All fields) OR ("tsengwen reservoir") WN All fields)) OR ((("Zengwen Reservoir") WN All fields) OR ("tseng wen") 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

Full text ↗



Share



Export



Print



Cite



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

Back to results

Abstract

Indexing

Metrics

Funding

Supplementary Information

Compendex references 20

Back to top

Folders



Engineering Village

Search ▾ Search history ▾²³ Alerts¹ Selected records⁰ Bulletins More ▴



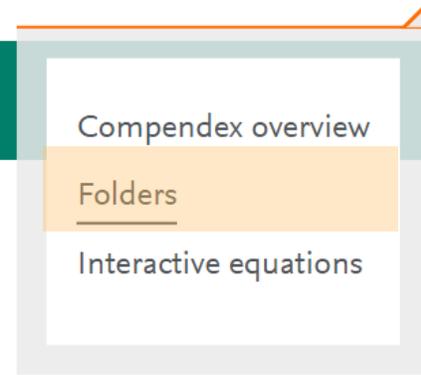
Folders

[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



Engineering Village

Search ▾

Search history ▾ ²³

Alerts ¹

Selected records ⁰

Bulletins

More ▾



TH

Folder Name : Reservoir

1 record in this folder

View Folders

ALL

Citation format



1.

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 ²³

Alerts ¹

Selected records ⁰

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 | | | | | |

- Support Center ✕
- FAQs ➤
Find out the most frequently asked questions
- Release Notes ➤
Review our releases and other components
- Knowledge Base ➤
Learn how to use Engineering Village
- [Support Overview](#) ↗
- [Contact Us](#) ↗
- [Subscribe to Newsletter](#) ↗

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

碩睿資訊官網



碩睿資訊有限公司
Shou Ray Information Service



HOME

關於碩睿
ABOUT US

產品資訊
PRODUCTS

新聞中心
NEWS

客戶服務
SERVICE

搜尋

TACI

臺灣引文資料庫

The Cochrane Library

實證醫學資料庫

Cambridge Books Online

優質的數位出版

KMCC

光華管理個案收錄庫



TACI 臺灣引文資料庫

臺灣引文資料庫(Taiwan Academic Citation Index, TACI)基於臺灣所出版的期刊建置而成，完整涵蓋各領域... [《詳全文》](#)



碩睿資訊電子報



教育訓練資源服務

[詳細課程](#)

活動特區



綠色乖乖的都市傳說~2021 WOS & JCR資料庫有獎徵答活動

活動時間：即日起~2021年11月30日

活動內容：台灣流傳著只要在機器設備放上綠色乖乖，就可以保佑運轉順利的都市傳說。

這是一種神奇的魔力、迷信還是信仰呢？歡迎參加2021 Web of Science & Journal Citation Reports資料庫有獎徵答活動，讓我們一起來了解探討迷信與信仰的相關研究吧~

詳情請見：[活動網站](#)

2021年度考科藍資料庫

全國聯合採購優惠方案

開跑囉

碩睿資訊 教育訓練資源服務

碩睿資訊有限公司

教育訓練資源服務



直播課程

線上參與課程，即時和講師互動。



使用手冊

產品說明書，解析操作步驟。



影音教材

產品課程影片，無限次回放複習，手機、電腦皆適用。



意見回饋

提供實質建議，使課程更完善。