



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

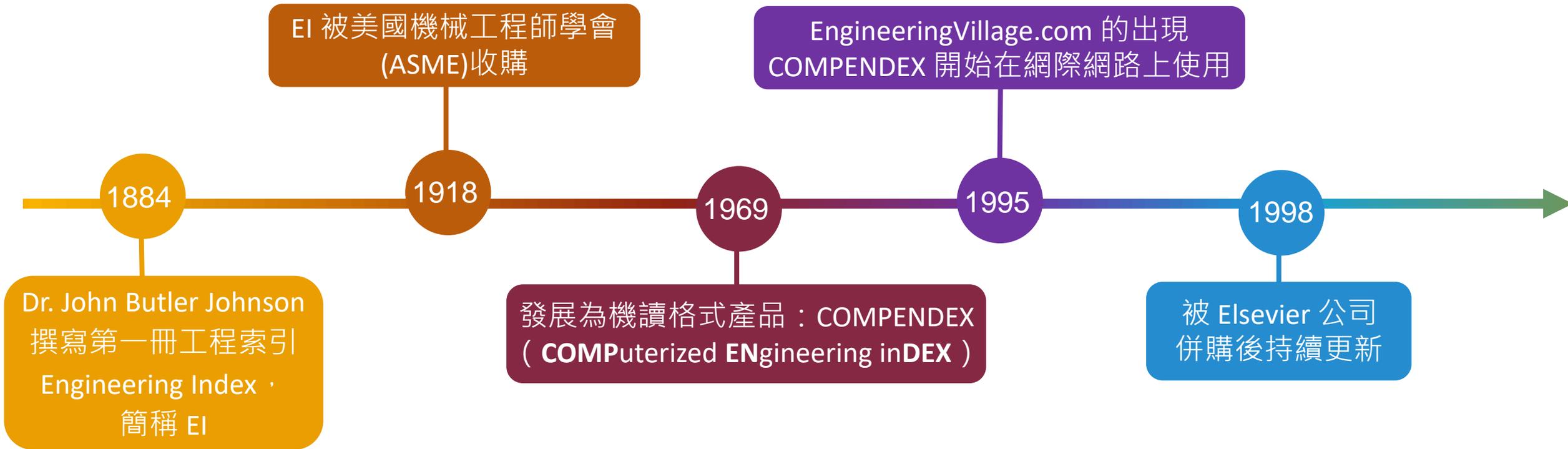
EnCompassLIT

EnCompassPAT

PaperChem

Knovel 電子書

COMPENDEX 時光走廊

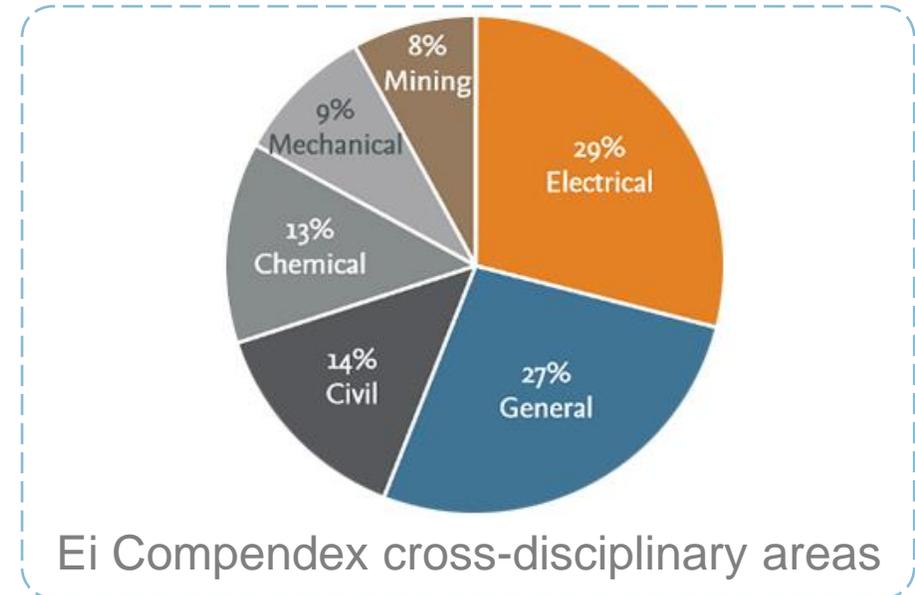


EI 為 COMPENDEX 前身

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。



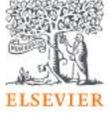
專家檢索模式

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

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Solar Energy



Wind Energy



Geothermal Energy



Hydropower / Hydroelectricity



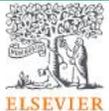
Bioenergy / Biomass Energy



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

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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

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Library

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Quick search: All fields



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

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Databases ^

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- 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

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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

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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

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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

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WO Patents

Knovel



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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 ^

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| <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



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Try Expert search



Quick Search



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Search

Search history

Alerts

Selected records

Bulletins

More



TH

Quick search:

All fields



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



Turn on AutoSuggest



Add search field

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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。

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Try Expert search



Quick Search



Engineering Village

Search

Search history ³¹

Alerts ⁰

Selected records ¹

Bulletins

More



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Quick search:

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for

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



Turn on AutoSuggest | + Add search field | Reset form

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Autostemming v

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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

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| <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)

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Full text ↗

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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 ⌵ ⬇ ⬆

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- Bronze (2,619)
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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

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Show preview [▼](#) Cited by in Scopus (3) [Full text ↗](#)
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Database: Compendex
Document type: Journal article (JA)
Show preview [▼](#) Cited by in Scopus (3) [Full text ↗](#)
- Water Body** [\(Open Access\)](#)
Junziata, Ferdinando; **...** Source: *...*
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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*

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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。

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- 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)

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OA 比例

Document type

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<input type="checkbox"/> Preprint	(379)

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

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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)

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Refine Results



Controlled vocabulary

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

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Controlled Vocabulary

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

Classification code

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

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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。

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<input type="checkbox"/> United Kingdom	(2,198)
<input type="checkbox"/> Canada	(1,864)
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<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)
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<input type="checkbox"/> Yang, Zhifeng (53)	<input type="checkbox"/> Chen, Lu (39)
<input type="checkbox"/> Cai, Ximing (52)	<input type="checkbox"/> Li, Yang (39)

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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

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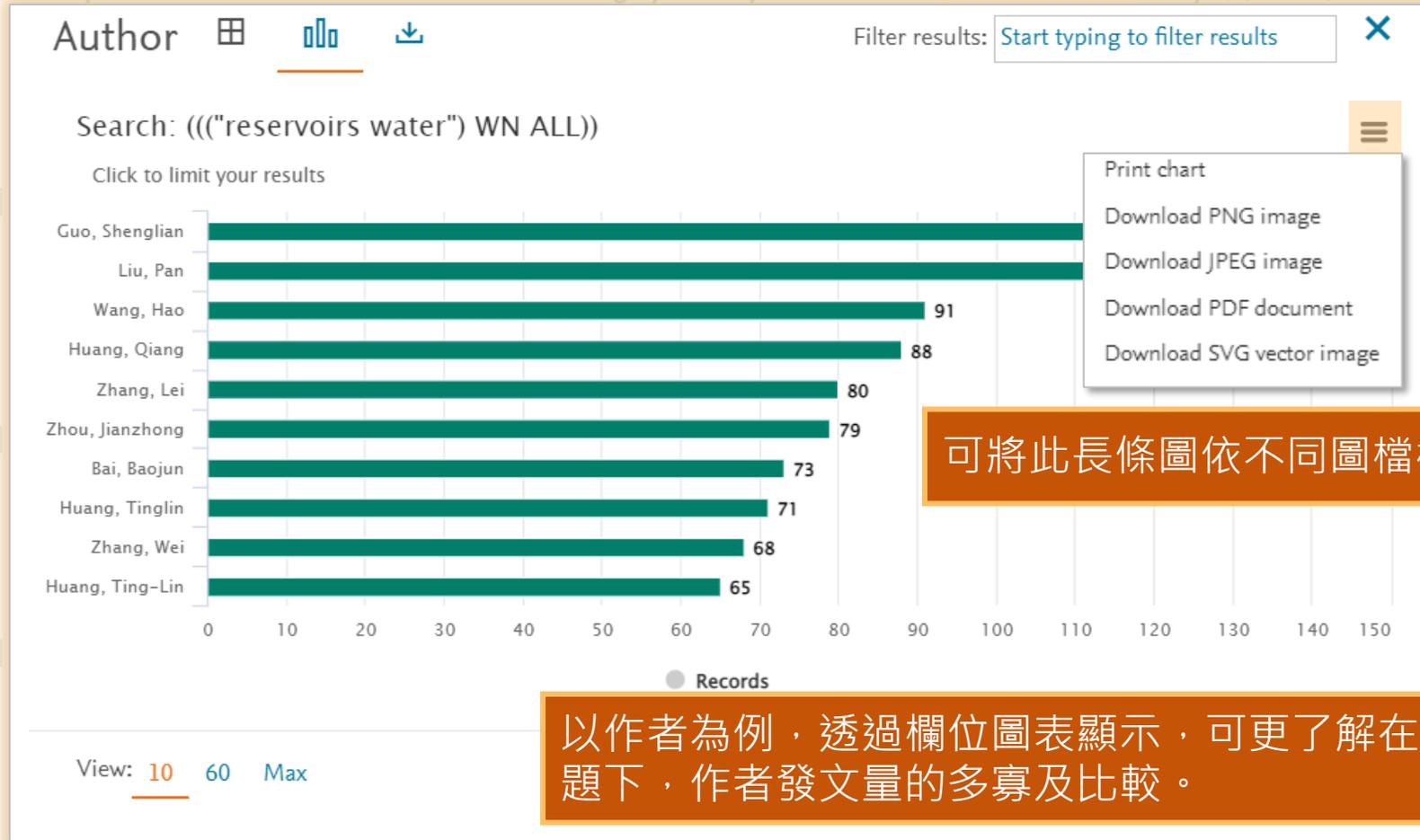
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Database: Compendex
Document type: Journal article (JA)
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3. Multipolarization Time Series of Sentinel-1 SAR Imagery to Analyze Variations of Reservoirs' Water Body (Open Access)



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

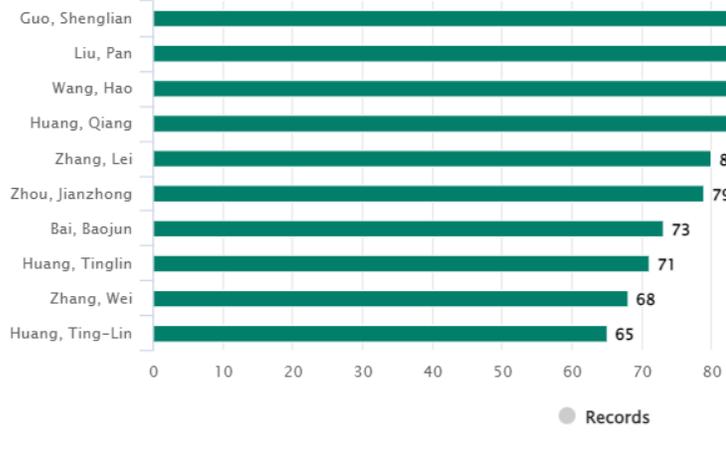
Author   

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

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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)

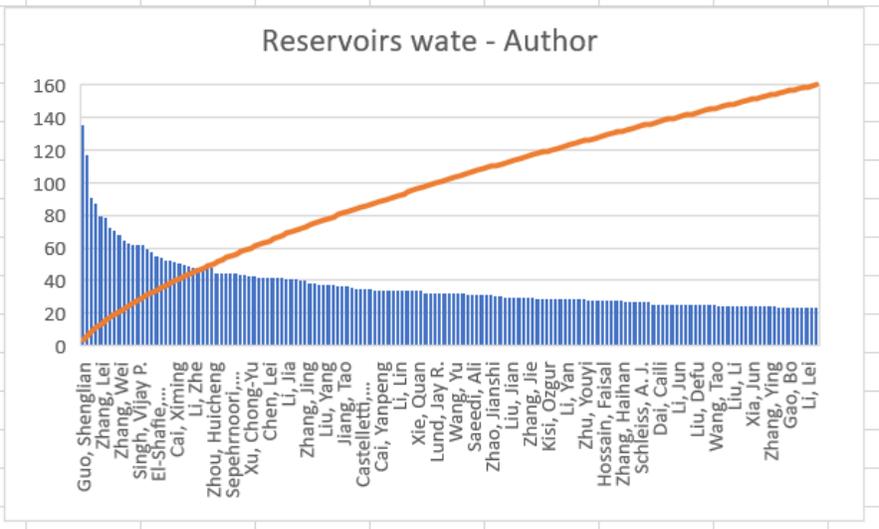
6. Technology of low-perm Rogatchev, M.K. (Saint Petersburg Challenges and Prospects - 11th Challenges and Prospects - 11th Database: Compendex Document type: Conference

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曾文水庫象鼻管工程

全球首創象鼻鋼管 曾文水庫防淤隧道近完工



防淤隧道的啟用，有助於曾文水庫的「延壽」。(記者吳俊鋒攝)

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

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

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

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

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

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

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

檢索結果限縮 — 曾文水庫象鼻管工程

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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
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- 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
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- 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)
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- 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*
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Document type: Conference article (CA)
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22 records found in Compendex & Ei Backfile for 1884-2023: ("Reservoirs water") WN ALL + Tseng-Wen Reservoirs

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- Floods (5)
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- Discharge Performance of the Tseng-Wen Reservoir of Taiwan
Yu, Teng-Tsun
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Huang, Chi-Chang
Database: Document
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- Three-dimensional Simulation of the Tseng-Wen Reservoir
Wu, Jian-Hong
January 2013
Database: Document
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- The development of the Tseng-Wen Reservoir
Chen, Yu-Wen
Chen, You-Wei
Database: Document
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- Relations between the Tseng-Wen Reservoir and the Tseng-Wen Reservoir
Chu, Hone-Jay
Database: Document
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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)
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<input type="checkbox"/> Water Conservation (3)	<input type="checkbox"/> Water Pollution (2)
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<input type="checkbox"/> Weather Forecasting (3)	<input type="checkbox"/> Antennas (1)
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<input type="checkbox"/> Agriculture (2)	<input type="checkbox"/> Blasting (1)
<input type="checkbox"/> Catchments (2)	<input type="checkbox"/> Chemical Analysis (1)

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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

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Hsieh, Meng-Long (1)

Jan, Shu-Chi (1)

Pan, Yu-Wei (1)

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Department Civil Engng, National Cheng Kung University (1)

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1 of 1 pages

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- Author (A-Z)
- Author (Z-A)
- Source (A-Z)

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Document type

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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)
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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
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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)



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- Three-dimensional in situ stress evaluation using a new under-coring technique: The Tseng-Wen Reservoir Transbasin water tunnel**
Wu, Jian-Hong (Department of Civil Engineering, National Cheng Kung University, Tainan, Taiwan); **Yu-Wei Source:** *Environmental Earth Sciences*, v 68, n 1, p 77-86, January 2013
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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
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Wu, Jian-Hong (Department Civil Engng, National Cheng Kung University, No. 1, University Road, 701, Tainan, Taiwan); **Jan, Shu-Chi Source:** *Bulletin of Engineering Geology and the Environment*, v 69, n 4, p 549-559, 2010
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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

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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

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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

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Indexing

Main heading:
Stresses

Main heading : 本文主要討論主題。

Controlled terms:

Acoustic emission testing Tunnels Deformation Reservoirs (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

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Railway

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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.

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Publication year: 2013

Language: English

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Number of references: 20

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1. [No title available]

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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**

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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*

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- 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)
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- 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



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在檢索框中輸入檢索辭彙、檢索欄位代碼、布林邏輯等。

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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)



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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)

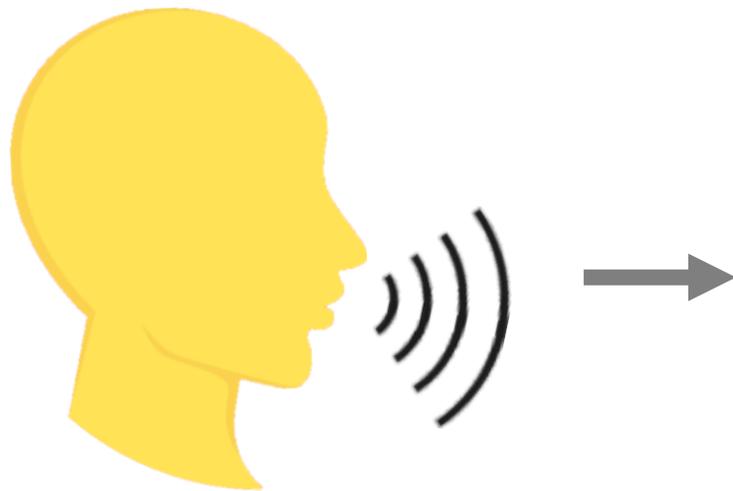
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Thesaurus 索引典概念介紹



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

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- Solar Energy
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顯示所有相似意義的控制詞彙

Exact Term

顯示該詞彙階層關係

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該詞彙的字母順序位置，但不一定在意義上有關係

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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。

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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)

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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

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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

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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

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Compendex



Inspec



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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

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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。

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Controlled vocabulary



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



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- 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
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- 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*
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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)
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- 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)



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TH

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e.g. Yu

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作者檢索示範

Author last name: desheng

Author first name: Zhao

Affiliation name: e.g. Chinese Academy of Sciences

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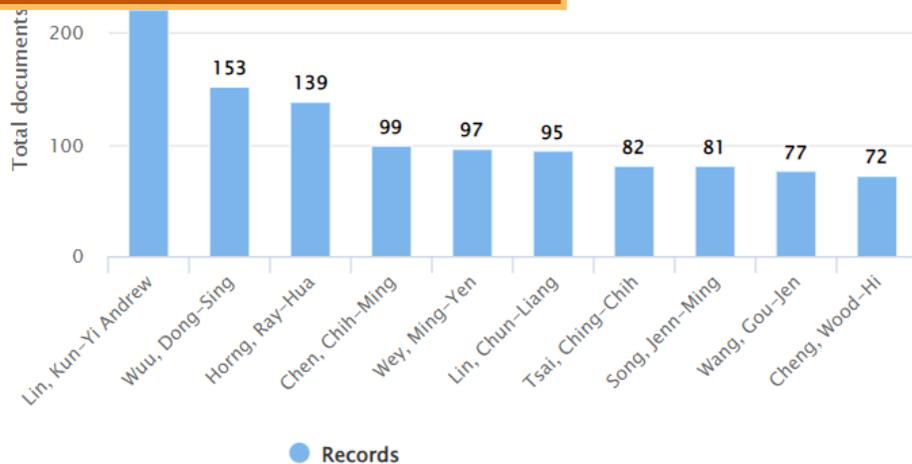
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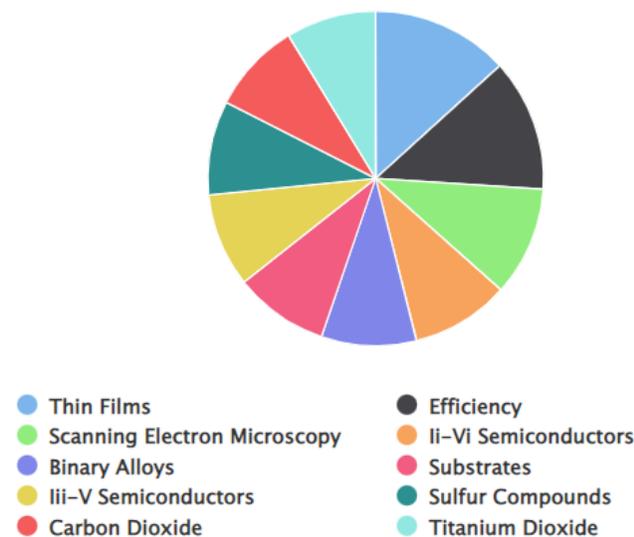
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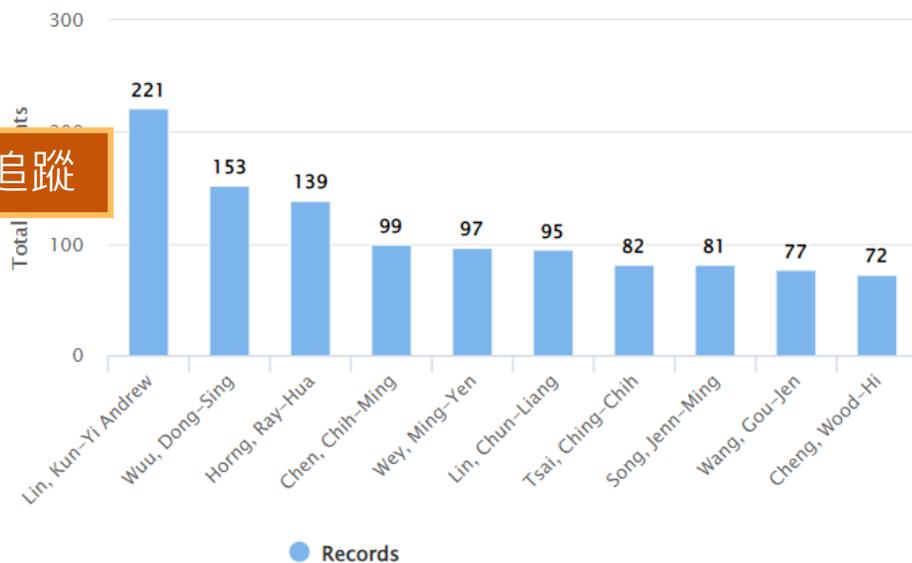
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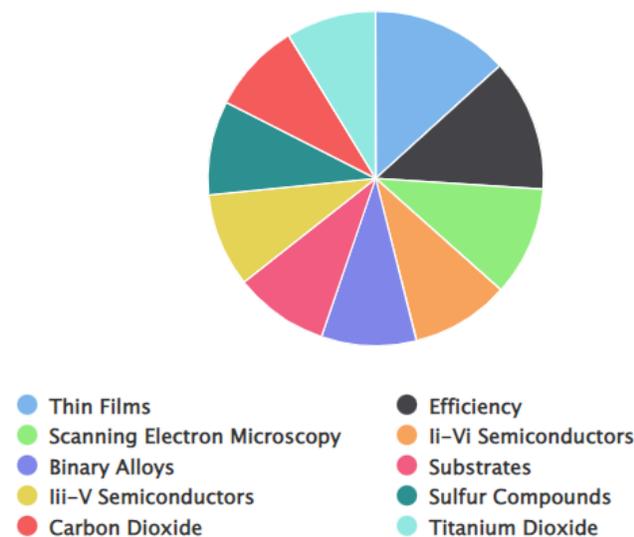
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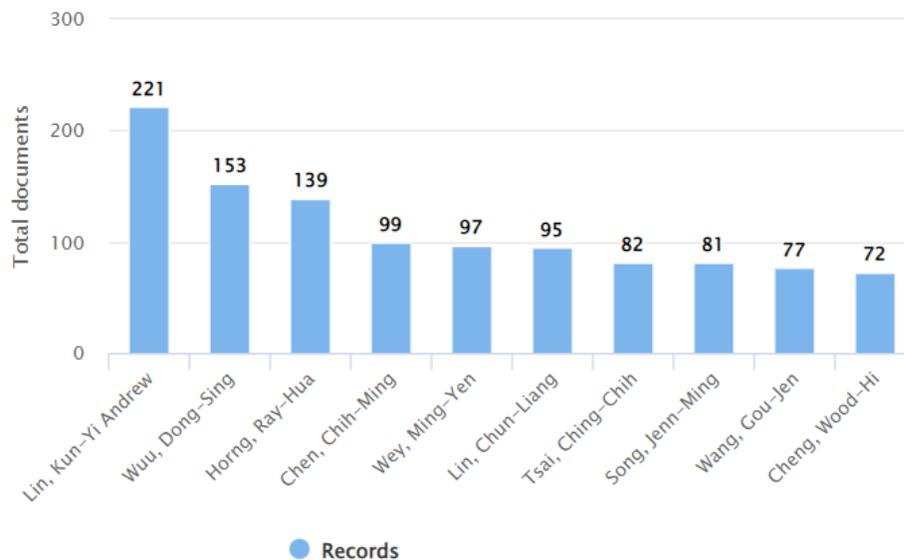
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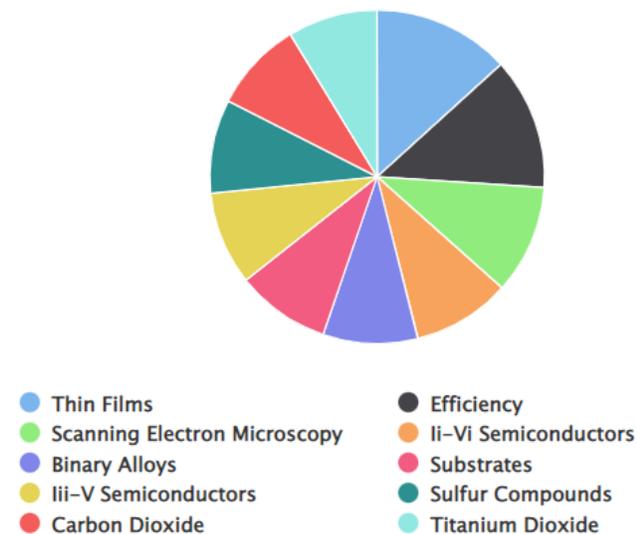
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Wu, Jian-

Corresponding

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Three-dimensional in situ stress
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Environmental Earth Sciences, Volume 68, Issue 1, 2015

Wu, Jian-Hong^[1] ✉; Pan, Yu-Wei^[1]

Corresponding author: Wu, J.-H. ✉

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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

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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.

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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 ↗



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Folder



Compendex • Journal article (JA)

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

Accession number

20130215888108

Publisher

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Add to my existing folder:

Reservoir (1 records) ▾

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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

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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

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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.



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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

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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.

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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

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Alerts and Saved searches

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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 ↗

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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



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Search ▾

Search history ▾ ²³

Alerts ⁰

Selected records ⁰

Bulletins

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[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



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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

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Compendex • Journal article (JA)

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Folders



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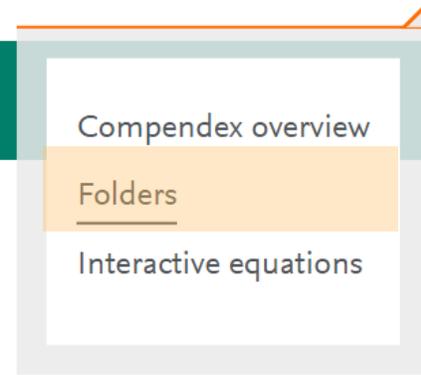
Folders

[Return to Previous Page](#)

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

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

可查看資料夾中有幾筆資料，點入即可查看資料夾內所有文獻。



To create a folder, please enter a folder name:

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

資料夾內頁面



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

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| <input type="checkbox"/> EnCompassLIT | <input type="checkbox"/> EnCompassPAT | <input type="checkbox"/> GEOBASE | <input type="checkbox"/> GeoRef | <input type="checkbox"/> US Patents | <input type="checkbox"/> EP Patents | |
| <input type="checkbox"/> WO Patents | <input type="checkbox"/> Knovel | | | | | |

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

Try Quick search

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

Try Expert search

Feedback

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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](#)

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