

Engineering Village 資料庫教育訓練

Jamie Yen | 顏婕珉

碩睿資訊 2025

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

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US Patents

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Chimica

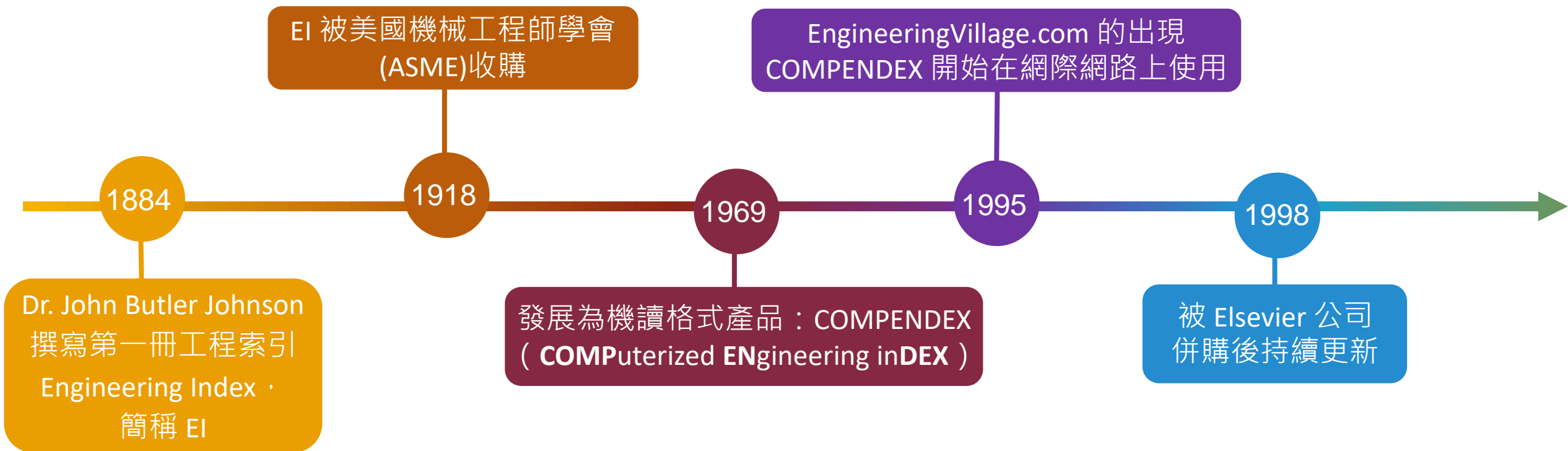
EnCompassLIT

EnCompassPAT

PaperChem

Knovel 電子書

COMPENDEX 時光走廊

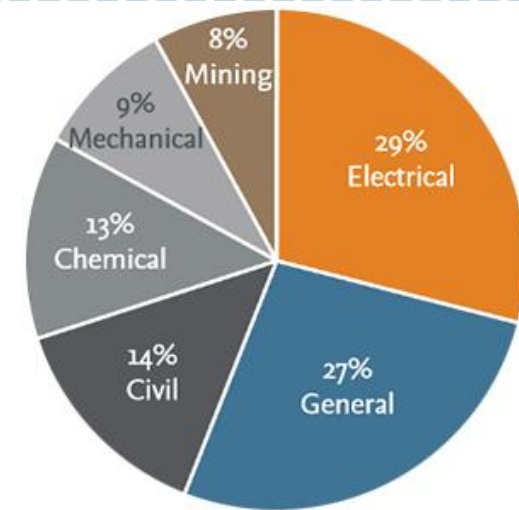


EI 為 COMPENDEX 前身

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



Ei Compendex cross-disciplinary areas

EV 特色 — 收集文獻利器



限縮結果

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



個人化帳號

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



專家思維

工程領域專家學者分類之控制詞 –
Thesaurus 索引典。



專家檢索模式

可自行輸入檢索語法。



介面及檢索功能介紹

主題？

關鍵字？



關鍵字



人工智慧

Artificial Intelligence

首頁 — Search



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Compendex



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

Inspec



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

NTIS



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

PaperChem



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Author affiliation ↗

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



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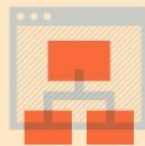
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Drinking water

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

Article in Press

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

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

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

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

Database: Compendex

Document type: Conference article (CA)

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2. ☐ Bacterioplankton community as a biological element for reservoir

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

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設定屬性範圍。

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選擇該物理屬性度量單位。

Percentage

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

可依照需求選擇不同物理屬性。

3. ☐ Effects of the 2021 La Palma volcanic eruption on groundwater hydrogeology, surface reservoirs, water-rock interaction and influence of thermal energy on the evolution of the system (Journal of Volcanology and Geothermal Energy, 2024, 13, 15, (2131), 10.3390/w13152131)
Jiménez, Jon (Geological and Mining Institute of Spain (IGME), Spanish National Research Institute for Geology, Madrid, Spain); Samanta, Marazuela, Miguel Ángel; Baquedano, Carlos; Laspidou, Chrysi; Santamaría, María José
Database: Compendex
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4. ☐ Correction to: Current Challenges and Advancements on the Management of Water Retreatment in Different Production Operations of Shale Reservoirs (Water, (2021), 13, 15, (2131), 10.3390/w13152131)

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

Aharipour, Hassan (Magma Energy Group Oil and Gas Consultant, Tehran, Iran); Azad, Amir; Hesani, Mahsa; Shoghi, Jaber; Hoseini, Maryam; Dahaghin, M.H.; Pourjahani, Sajad Source: Springer Series in Geomechanics and Geoengineering, p 1192-1203, 2024, Proceedings of the International Field Exploration and Development Conference 2023 - Volume 5 Database: Compendex Document type: Conference article (CA) Show preview [Full text](#)

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




Pinto, Ivo (Departamento de Biologia da Faculdade de Ciências da Universidade do Porto (FCUP), Rua do Campo Alegre s/n, Porto; 4169-007, Portugal); Calisto, Rita; Serra, Cláudia R.; Lage, Olga M.; Antunes, Sara C. Source: Water (Switzerland), v 13, n 20, October-2 2021 Database: Compendex Document type: Journal article (JA) Show preview [Full text](#)


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

Refine Results :

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

Open Access				
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文獻類型

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

作者

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

作者機構

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Controlled vocabulary

<input type="checkbox"/>	Reservoirs	52,937
<input type="checkbox"/>	Floods	10,455
<input type="checkbox"/>	Rivers	7,191
<input type="checkbox"/>	Oil Well Flooding	6,491
<input type="checkbox"/>	Water Quality	5,581

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Controlled Vocabulary

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

Classification code

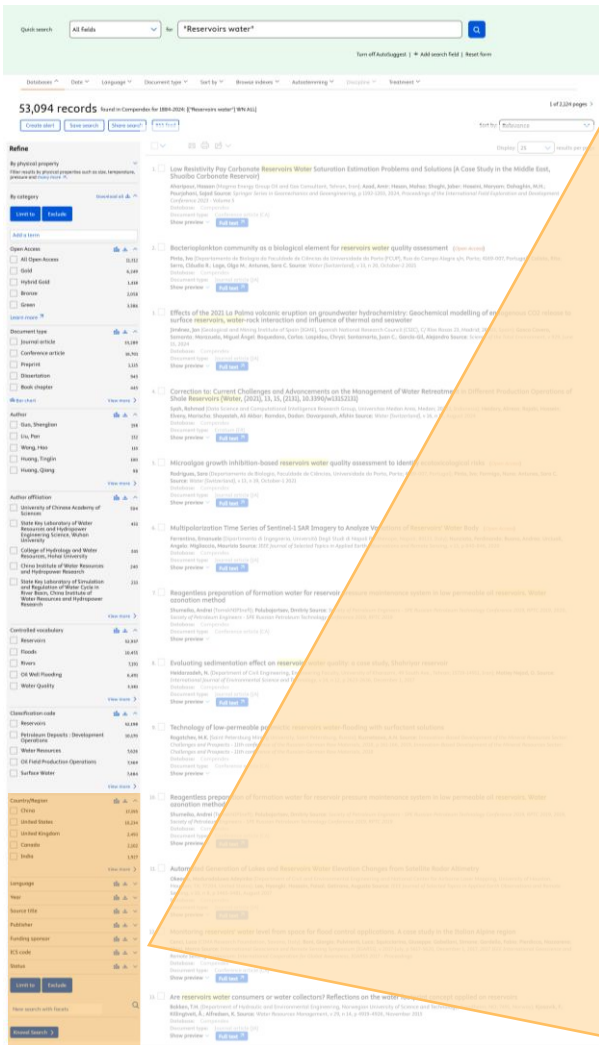
<input type="checkbox"/>	Reservoirs	52,198
<input type="checkbox"/>	Petroleum Deposits : Development Operations	10,170
<input type="checkbox"/>	Water Resources	7,626
<input type="checkbox"/>	Oil Field Production Operations	7,569
<input type="checkbox"/>	Surface Water	7,484

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
















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



Country/Region	
<input type="checkbox"/> China	17,395
<input type="checkbox"/> United States	10,234
<input type="checkbox"/> United Kingdom	2,493
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<input type="checkbox"/> India	1,927
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☐ Conference article

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☐ Zhang, Lei

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☐ Bai, Baojun

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☐ Zhang, Wei

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☐ Wang, Chao

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☐ Wang, Wei

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☐ Zhou, Jianzhong

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☐ Li, Wei

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☐ Singh, Vijay P.

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☐ Huang, Ting-Lin

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☐ Delshad, Mojdeh

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☐ Lei, Xiaohui

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☐ Zhang, Jian

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☐ Wang, Jing

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☐ El-Shafie, Ahmed

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☐ Wang, Rui

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☐ Chen, Xiaohong

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☐ Li, Jia

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☐ Loaiciga, Hugo A.

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☐ Wang, Lei

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☐ Chen, Hao

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☐ Wang, Jun

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☐ Lu, Jun

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☐ Pu, Wanfen

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☐ Sepehrnoori, Kamy

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☐ Liu, Huiqing

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☐ Liu, Wei

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☐ Yang, Zhifeng

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☐ Zhang, Yu

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☐ Chen, Li

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☐ Chen, Zhangxin

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☐ Hou, Jian

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☐ Wang, Jian

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☐ Xu, Bin

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☐ Chang, Fi-John

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☐ Mohanty, Kishore K.

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☐ Peng, Yong

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☐ Li, Nan

45

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


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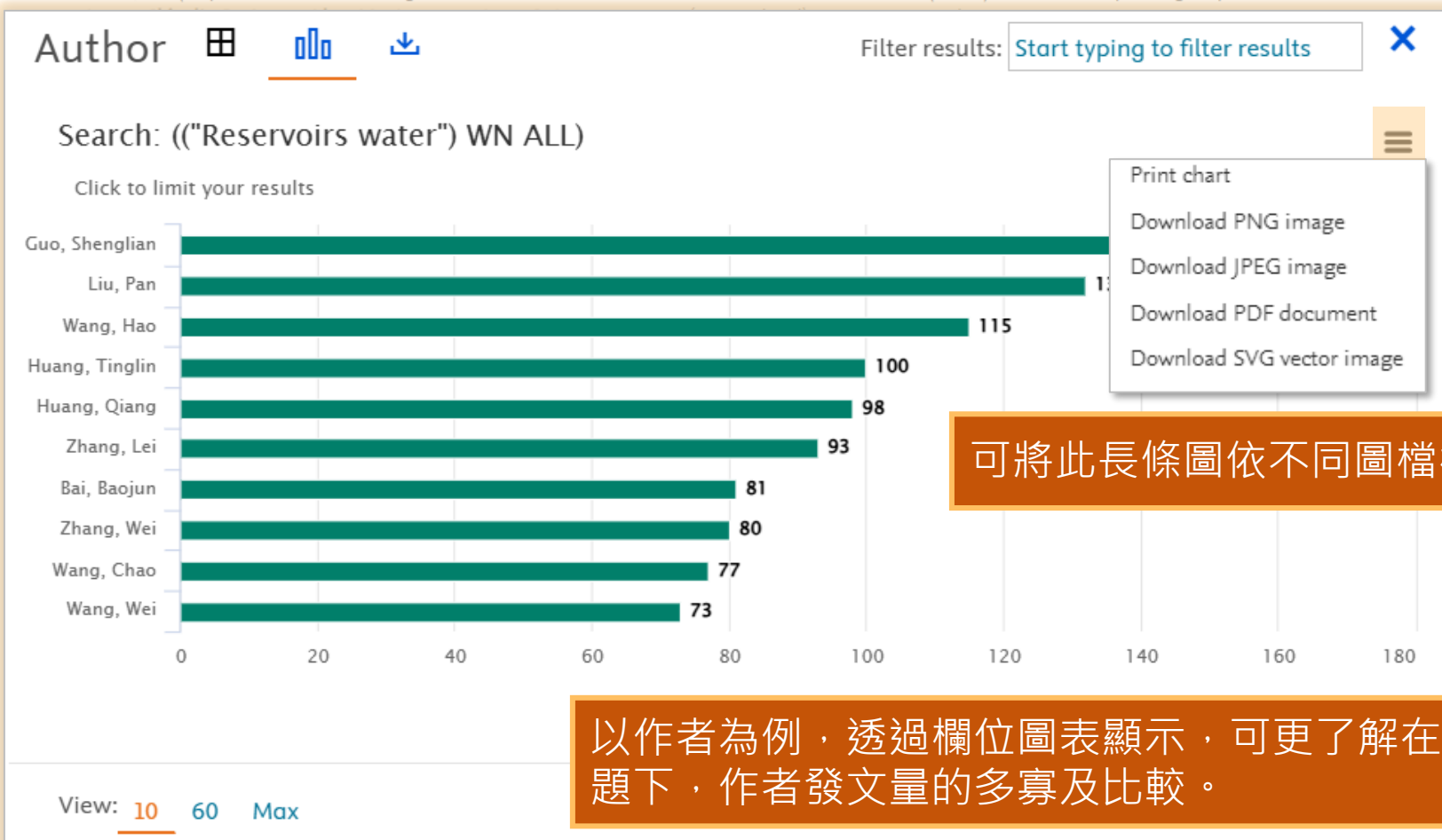
 Bar chart [View more](#) 

Author   

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

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



可將此長條圖依不同圖檔格式儲存。

以作者為例，透過欄位圖表顯示，可更了解在該主題下，作者發文量的多寡及比較。

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

Refine Results - 表格輸出

點選下載圖示，可將圖表輸出成 CSV 檔案，進一步分析。

Reservoirs' Water Body (Open Access)

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

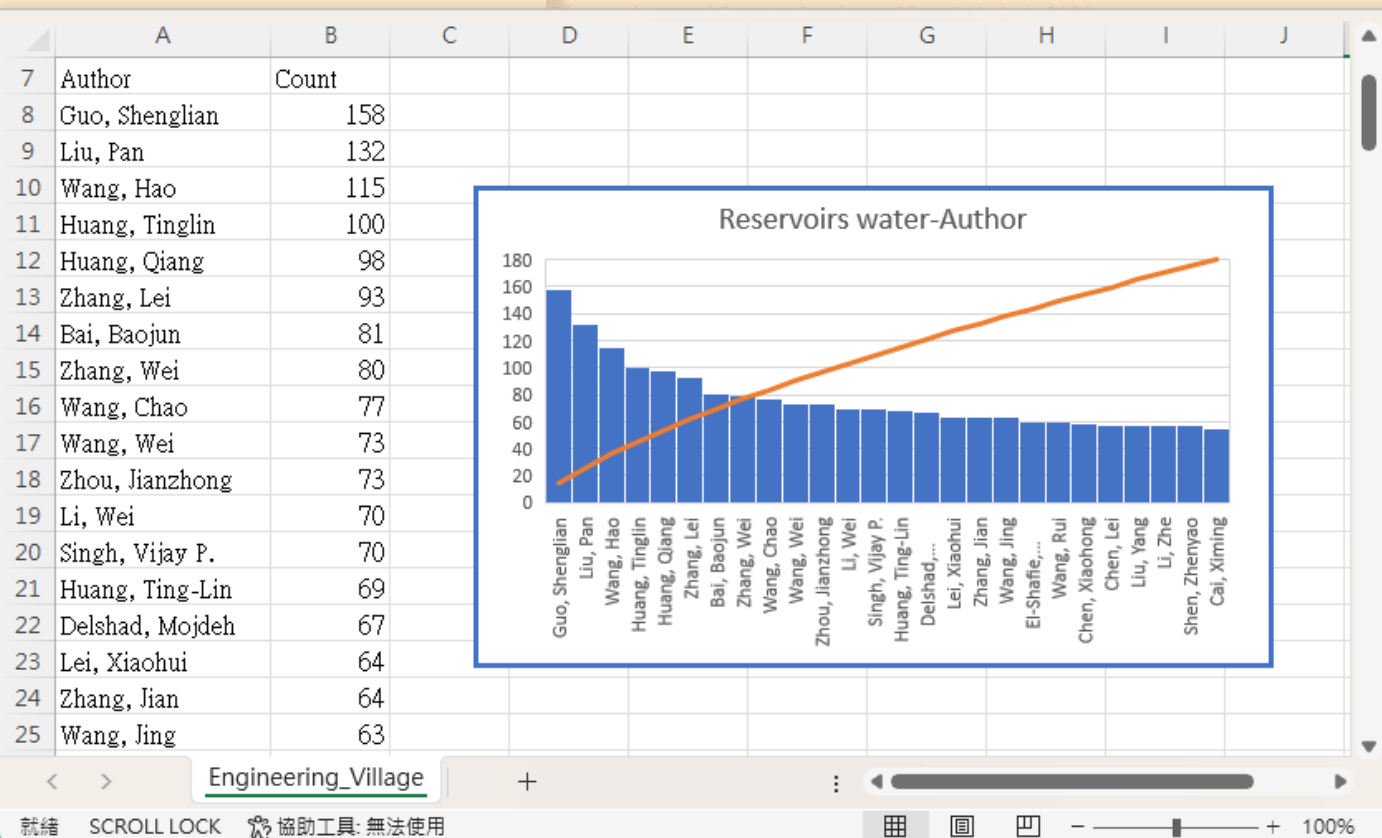
Author

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

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Author

☐ Guo, Shenglian

☐ Liu, Pan

☐ Wang, Hao

☐ Huang, Qiang

6. ☐ Technology of low-pe

Rogatchev, M.K. (Saint Pete

Challenges and Prospects - 1

Challenges and Prospects - 1

Database: Compendex

Document type: Conference article (CA)

Engineering_Villa....csv

全部顯示

曾文水庫象鼻管工程

全球首創象鼻鋼管 曾文水庫防淤隧道近完工



防淤隧道的啟用，有助於曾文水庫的「延壽」。(記者吳俊鋒攝)

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

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

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

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

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

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

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

檢索結果限縮 — 曾文水庫象鼻管工程

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- ☐ **Low Resistivity Pay Carbonate Reservoirs Water Saturation Estimation Problems and Solutions (A Case Study in the Middle East, Shuaiba Carbonate Reservoir)**
Aharipour, Hassan (Magma Energy Group Oil and Gas Consultant, Tehran, Iran); Azad, Amir; Hesani, Mahsa; Shoghi, Jaber; Hoseini, Maryam; Dahaghin, M.H.; Pourjahani, Sajad Source: *Springer Series in Geomechanics and Geoengineering*, p 1192-1203, 2024, *Proceedings of the International Field Exploration and Development Conference 2023 - Volume 5*
Database: Compendex
Document type: Conference article (CA)
- ☐ **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
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Document type: Journal article (JA)
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- ☐ **Effects of the 2021 La Palma volcanic eruption on groundwater hydrochemistry: Geochemical modelling of endogenous CO2 release to surface reservoirs, water-rock interaction and influence of thermal and seawater**
Jiménez, Jon (Geological and Mining Institute of Spain (IGME), Spanish National Research Council (CSIC), C/ Ríos Rosas 23, Madrid; 28003, Spain); Gasco Caverio, Samanta; Marazuela, Miguel Ángel; Baquedano, Carlos; Laspidou, Chrysi; Santamarta, Juan C.; García-Gil, Alejandro Source: *Science of the Total Environment*, v 929, June 15, 2024
Database: Compendex
Document type: Journal article (JA)
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加入關鍵字曾文水庫。

檢索結果限縮 — 曾文水庫象鼻管工程

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☐ Conference article 6

Controlled vocabulary

☐ Reservoirs 24

☐ Hurricanes 7

☐ Water Quality 7

☐ Floods 5

☐ Land Use 5

☐ Reservoir Management 5

☐ Watersheds 5

☐ Flood Control 4

☐ Water Conservation 4

☐ Water Management 4

☐ Decision Making 3

☐ Fuzzy Inference 3

☐ Genetic Algorithms 3

☐ Storms 3

☒ Tunnels 3

☐ Water Supply 3

☐ Weather Forecasting 3

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☐ Adaptive Control Systems 2

☐ Agriculture 2

☐ Catchments 2

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☐ Multiobjective Optimization 2

☐ Neural Networks 2

☐ Potable Water 2

☐ Quality Control 2

☐ Rain 2

☐ Risk Assessment 2

☐ Rivers 2

☐ Runoff 2

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☐ Water Analysis 2

☐ Water Pollution 2

☐ Acoustic Emissions 1

☐ Agricultural Pollution 1

☐ Antennas 1

☐ Antibiotics 1

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1. ☐ **Discharging Compacted Sediment by Underwater Blasting in Conjunction with a Desilting Tunnel in the Tseng-Wen Reservoir of Taiwan**
Yu, Teng-To (Dept. of Resources Engineering, National Cheng Kung Univ., 1 University Rd., Tainan; 701, Taiwan); Peng, W.F.; Cheng, Y.S.; Wu, P.Y. Source: *Journal of Performance Engineering*, v 17, n 1, p 1-10, 2004, 10 refs.
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2. ☐ **The development of a fuzzy inference system for reservoir management**
Chen, Yu-Lin; Chen, You-Wei. Source: *Journal of Database Management*, v 18, n 1, p 1-10, 2007, 10 refs.
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3. ☐ **Real-time monitoring of water level in a reservoir using a fuzzy inference system**
Huang, C.-H.; Chen, Y.-L.; Chen, Y.-W. Source: *Journal of Database Management*, v 18, n 1, p 1-10, 2007, 10 refs.
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4. ☐ **Three-dimensional simulation of sediment transport in a reservoir Transbasin water tunnel**
Wu, Jian-Ping; Chang, Liang-Cheng; Ho, Chih-Chao; Lin, Jeng-Shyan. Source: *Environmental Earth Sciences*, v 68, n 1, p 77-86, 2013, 10 refs.
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Reservoirs

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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 Engineering*

January 2013

Database: Compendex

Document type: Journal article (JA)

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2. Late Holocene episodic Transbasin Diversion P

Hsieh, Meng-Long (Department of Civil Engineering, National Cheng Kung University, Tainan, Taiwan)

159, p 83-97, June 12, 2013

Database: Compendex

Document type: Journal article (JA)

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3. 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

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

Abstract

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

Authors：點選作者名字找到更多該作者發表的文章

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

文獻全記錄：索引

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20

Indexing

Main heading:

Stresses

Main heading：本文主要討論主題。

Controlled terms:

Acoustic emission testing

Tunnels

Deformation

Reservoirs

Controlled term：EV編輯指定的控制索引詞彙分類。

Uncontrolled terms:

Borehole drilling

Deformation rate analysis

Historical records

Three-dimensional stress

Under-coring

Uniaxial compressive loading

Vertical direction

Water tunnel

Uncontrolled term：本文中的關鍵字集合。

Classification codes:

401.2 Tunnels and Tunneling

441.2 Reservoirs

751.2 Acoustic Properties of Materials

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

Numerical data indexing:

Pressure 3.08e+07Pa to 3.90e+07Pa, Size 2.28e-02m, Size 4.16e+02m to 7.39e+02m, Size 4.5e+02m

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

He, Xuhu; Zhou, Anqi; Chen, Bing

(2023) *Frontiers of Structural and Civil Engineering*

Database: Compendex

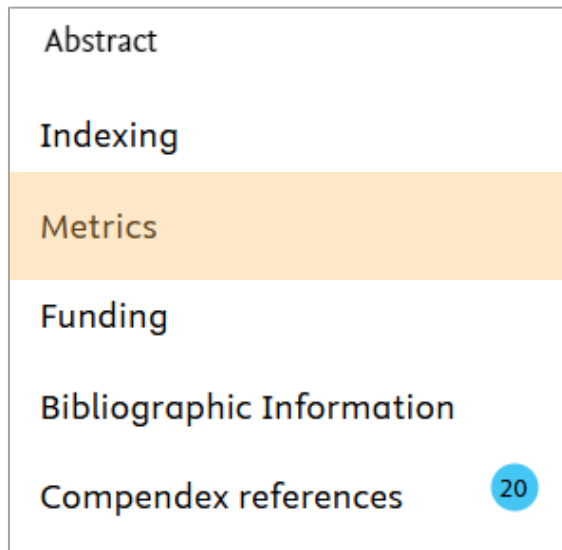
Model to study tunnels in

squeezing clay-rich rocks

, Marte;

(2021) *Geotechnical Testing Journal*

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Funding

Funding details:

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

提供此篇文章的基金來源

Funding text:

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

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Supplementary Information

Issue date: January 2013

Publication year: 2013

Language: English

Abbreviated source title: Environ. Earth Sci.

Number of references: 20

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提供此篇文章的書目資訊

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Compendex references (20)

1. [No title available]

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

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

2. Engineering behavior of phyllite

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

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

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

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

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

4. An overview of rock stress measurement methods

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

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

提供此篇文章的參考文獻列表

文獻全記錄：Related Documents

右側區塊提供與此篇文章的Related Documents（相關文獻）

Related documents

Journals

Experiment on single-tunnel fire in concrete immersed tunnels

Lin, Jianqing; Dong, Yuli; Duan, Jintao;

Zhang, Dashan; Zheng, Wei

(2021) *Tunnelling and Underground Space Technology*

Database: Compendex

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

Wang, Shimin; Peng, Xiaoyu; Zhou, Hang; He, Xuhu;

Zhou, Anqi; Chen, Bing

(2023) *Frontiers of Structural and Civil Engineering*

Database: Compendex

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

Arora, Ketan; Gutierrez, Marte; Hedayat, Ahmadreza

(2021) *Geotechnical Testing Journal*

Database: Compendex

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1,962 records

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

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263

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Experiment on single-tunnel fire in concrete immersed tunnels

Lin, Jianqing (College of Civil Engineering, Huaqiao University, Xiamen; 361021, China); Dong, Yuli; Duan, Jintao; Zhang, Dashan; Zheng, Wei Source: *Tunnelling and Underground Space Technology*, v 116, October 2021

Database: Compendex

Document type: [Journal article \(JA\)](#)

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☐

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

Wang, Shimin (Key Laboratory of Transportation Tunnel Engineering, Ministry of Education, Southwest Jiaotong University, Chengdu; 610036, China); Peng, Xiaoyu; Zhou, Hang; He, Xuhu; Zhou, Anqi; Chen, Bing Source: *Frontiers of Structural and Civil Engineering*, v 17, n 5, p 780-795, May 2023

Database: Compendex

Document type: [Journal article \(JA\)](#)

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☐

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

Arora, Ketan (Department of Civil and Environmental Engineering, Colorado School of Mines, 1500 Illinois St., Golden;



Expert Search | 專家檢索

切換至專家檢索

The screenshot displays the Engineering Village website interface. At the top, the logo and name "Engineering Village" are visible. The navigation bar includes a "Search" dropdown menu, "Search history" (29), "Alerts" (0), "Selected records" (0), and a "More" dropdown. The main search area features a text input field with the example query: `e.g. ((ad*hoc networks WN CV) AND {protocols} WN ALL) AND (wireless WN PN OR network WN CV)`. Below the input field is a "Reset form" button. A dropdown menu is open, showing options: "Essential search", "Quick Search", "Expert Search" (highlighted), "Thesaurus Search", "Explore & find", "Author", "Affiliation", "Conference Series" (marked as Beta), "Analytical search", "Engineering Research Profile", and "Inspec Analytics". The background shows a grid of database selection buttons (All, Compendex, Inspec, GEOBASE, GeoRef) and a section for "Browse indexes" (Chimica, CBNB, WO Patents, Knovel). At the bottom, there is a promotional banner for "Inspec Analytics" with a list of features and a "Go to Inspec Analytics" button.

Engineering Village

Search

Search history 29 Alerts 0 Selected records 0 More

Expert search

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

Reset form

Databases Date Sort by Autos

All Compendex Inspec GEOBASE GeoRef

Browse indexes Chimica CBNB WO Patents Knovel

Essential search

Quick Search

Expert Search

Thesaurus Search

Explore & find

Author

Affiliation

Conference Series Beta

Analytical search

Engineering Research Profile

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Monitor global trends for over 14,000 research topics to explore new fields and find collaborators

Go to Inspec Analytics

專家檢索說明



Engineering Village

Search ▾

Search history ▾ 29

Alerts 0

Selected records 0

More ▾

Help ▾

Library ▾

JH

Expert search

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

在檢索框中輸入檢索辭彙、檢索欄位代碼、布林邏輯等。



Reset form

Databases ▾

Date ▾

Sort by ▾

Autostemming ▾

Search codes ^

Browse indexes ▾

Database

Code = Field

Code = Field

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

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

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

Codes displayed will depend on your current database selection

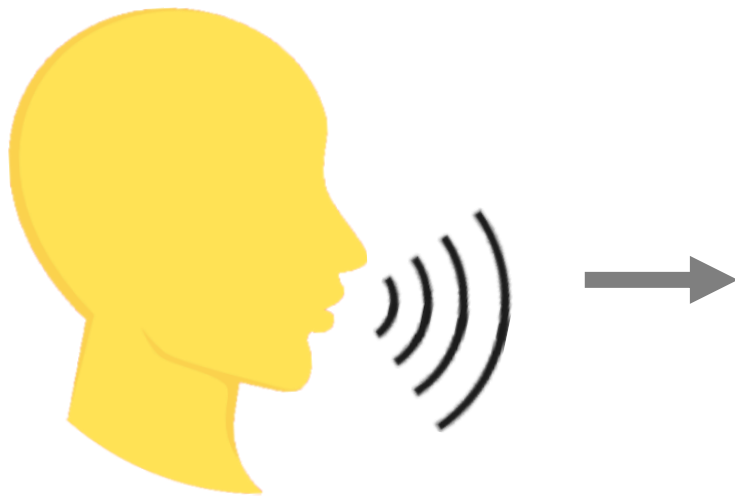


檢索代碼



Thesaurus search | 索引典檢索

Thesaurus 索引典概念介紹



自然語言

容易因詞彙認知與用法有所差異

造成混淆及模稜兩可的情況

THESAURUS 索引典



將自然語言分類重組為 **廣義詞**、**狹義詞**、**相關詞**

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

Thesaurus 索引典範例

Broader Term
廣義詞

Climatology
氣候

Related Term
相關詞

Climate Change
氣候變遷

Air pollution
空氣汙染

Narrow Term
狹義詞

Greenhouse
effect
溫室效應

Global warming
全球暖化

Air quality
空氣品質

Thesaurus 索引典檢索



Engineering Village

Search

Search history 29

Alerts 0

Selected records 0

More

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Thesaurus search:

Vocabulary search

for

e.g. cor

Database:



Compendex



Inspec



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G

Essential search

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Thesaurus 索引典檢索



Engineering Village

Thesaurus search: for

Database: ☒ Vocabulary search ☐ perChem ☐ GEOBASE ☐ GeoRef

☐ Exact term

☐ Browse

Did you know?

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

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

[Try Quick search](#)

Vocabulary Search

顯示所有相似意義的控制詞彙


Exact Term



顯示該詞彙階層關係


Browse

該詞彙的字母順序位置，但不一定在意義上有關係

Thesaurus 索引典檢索檢索 — Vocabulary Search

 Engineering Village

Search ▾ Search history ▾ 29 Alerts 0 Selected records 0 More ▾ ? ▾  

Thesaurus search: Vocabulary search ▾ for Reservoirs (water) 

Database: ☒ Compendex ☐ Inspec ☐ PaperChem ☐ GEOBASE ☐ GeoRef

19 matching terms ^

Reservoirs (water) 1 of 2 >

Term

☐ Reservoirs (water)

☐ Algae

☐ Catchments

☐ Dams

☐ Hydraulic structures

Term

☐ Lakes

☐ Potable water

☐ Recreational facilities


☐ Reservoir inlets

☐ Reservoir linings

Selected term(s) >

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


☐ AND
☒ OR

Reset form 

利用 Vocabulary 檢索關鍵字，可查索引典字典有關連的關鍵詞。

Thesaurus 索引典檢索 — Browse

Thesaurus search:

Browse 

for

Reservoirs (water)



Database:



Compendex



Inspec



PaperChem



GEOBASE



GeoRef

Browse term results ^

Reservoirs (water)

[< Previous](#) | [Next >](#)

Term

☐ Reservoir management

☐ Reservoirs

Reservoirs (petroleum)

☐ Reservoirs (water)

☐ Reservoirs--Algae

Term

☐ Reservoirs--Bacteriology

☐ Reservoirs--Inlets

☐ Reservoirs--Lining

☐ Reservoirs--Recreational facilities

☐ Reservoirs--Rock mechanics

Selected term(s) >

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



AND



OR

利用 Browse 檢索索引典，可查看文字符合索引典字典的關鍵詞

[Reset form](#)



Thesaurus 索引典檢索 — Exact Term



Engineering Village

Search ▾

Search history ▾ 29

Alerts 0

Selected records 0

More ▾

? ▾

Library ▾

JH

Thesaurus search:

Exact term ▾

for

Reservoirs (water)



Database:



Compendex



Inspec



PaperChem



GEOBASE



GeoRef

Exact term results ^

Reservoirs (water)

☐ Reservoirs (water)

For: Reservoirs; Water reservoirs

Broader terms

☐ Hydraulic structures

Related terms

☐ Algae

☐ Catchments

☐ Dams

Narrower terms

☐ Reservoir inlets

☐ Reservoir linings

☐ Underground reservoirs

點擊即可延伸查看該詞彙的廣義、關聯、狹義詞

☐ Recreational facilities

☐ Rock mechanics

☐ Seepage

☐ Thermal stratification

☐ Water bacteriology

☐ Water supply

☐ Weed control

Selected term(s) >

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



AND



OR

Reset form



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

Thesaurus 索引典檢索 — Exact Term



Engineering Village

Search

Search history 29

Alerts 0

Selected records 0

More

?

Library

JH

Thesaurus search:

Exact term

for

Reservoirs (water)



Database:



Compendex



Inspec



PaperChem



GEOBASE



GeoRef

Exact term results ^

Reservoirs (water) > Dams

☐ Dams

Broader terms

☐ Hydraulic structures

Related terms

- ☐ Flexible structures
- ☐ Flood control
- ☐ Hydroelectric power plants
- ☐ Ice control
- ☐ Reservoirs (water)
- ☐ River basin projects
- ☐ Seepage
- ☐ Spillways
- ☐ Uplift pressure
- ☐ Water supply

Narrower terms

- ☒ Arch dams
- ☐ Buttress dams
- ☐ Concrete dams
- ☐ Embankment dams
- ☐ Fishways
- ☒ Gravity dams
- ☐ Movable dams
- ☐ Weirs

由此可查看當前關鍵詞或點擊返回之前的關鍵詞。

Selected term(s) >

Gravity dams

Arch dams

☐ AND
☒ OR

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

Thesaurus 索引典檢索結果

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

1 of 129 pages

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☐ Hybrid Gold

19

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49

☐ Green

83

[Learn more](#)

Controlled vocabulary



☐ Arch Dams

1,921

☐ Gravity Dams

1,393

☐ Arches

1,363



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

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

Database: Compendex

Document type: Journal article (JA)

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

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

Article in Press

Database: Compendex

Document type: Article in Press

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

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

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Document type: Conference article (CA)

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Author Search | 作者檢索

作者檢索



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TH

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Affiliation name:

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Thesaurus Search

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Author

Affiliation

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ORCID:



* Searches are limited to authors within Comp

form

作者檢索介紹



Engineering Village

Search ▾

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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

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Author last name : 姓氏

Author first name : 名字

Affiliation name : 作者所屬機構

作者檢索示範



Engineering Village

Search

Search history 30

Alerts 0

Selected records 0

More

?

Library

JH

Author last name:

Desheng

Author first name:

zhao

Affiliation name:

e.g. Chinese Academy of Sciences



ORCID:

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

1 of 1 pages

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^

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2

City

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☐ Changchun

2

	Name	Subject area	Affiliation name	City	Country/Region
1.	Zhao, Desheng Zhao, De Sheng Desheng, Zhao View 36 records	Engineering; Computer Science; Physics and Astronomy; ... Create Alert View Scopus Author Profile	National University of Defense Technology China	Changsha	China
2.	Desheng, Zhao View 2 records	Engineering; Computer Science; Create Alert View Scopus Author Profile	Xi'an University	Xi'an	China

作者檢索結果



Engineering Village

Search

Search history 30

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Selected records 0

More

?

Library

JH

Author last name:

Fi-John

ORCID:

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

Author first name:

Chang

Affiliation name:

e.g. Chinese Academy of Sciences



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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

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Source Title

☐ Undefined

Country/Region

☐ Taiwan

Name

Subject area

Affiliation name

City

Country/Region

1. Chang, Fijohn John

Chang, F. S.

Chang, F. J.

Chang, Fi John

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

National Taiwan University

Taipei

Taiwan

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orcid.org/0000-0002-1655-8573

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

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☐ Bronze

6

☐ Green

39

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Document type

☐ Journal article

159

☐ Conference article

7



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

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

Database: Compendex

Document type: Journal article (JA)

Show preview

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

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

Database: Compendex

Document type: Journal article (JA)

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Cited by in Scopus (1)

[Full text](#)

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

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

Database: Compendex

Document type: Journal article (JA)

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Cited by in Scopus (3)

[Full text](#)



Affiliation Search | 機構檢索

機構檢索



Engineering Village

Search ▾

Search history ▾ 50

Alerts 0

Selected records 1

Bulletins

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TH

Affiliation name:

e.g. University of Toronto

Essential search

Quick Search

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Explore & find

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Affiliation

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* Searches are limited to affiliations within Co

atches only

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

computational intelligence; Machine Intelligence

related terms

Narrower terms

☐ Cybernetics

☐ Adaptive systems

☐ Artificial life

☐ Ambient intelligence

☐ Fuzzy control

☐ Automatic identification

☐ Intelligent computing

Example

Go to Thesaurus Search

機構檢索

Affiliation name:

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

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

1 of 1 pages

Display: 25 results per page

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Refine



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Country/Region

☐ Taiwan

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City

☐ Taipei

10

☐ Banchiao

1

☐ Taichung

1

Limit to

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Name

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

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

Database: Compendex

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

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

Database: Compendex

Document type: Journal article (JA)

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

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

Database: Compendex

Document type: Journal article (JA)

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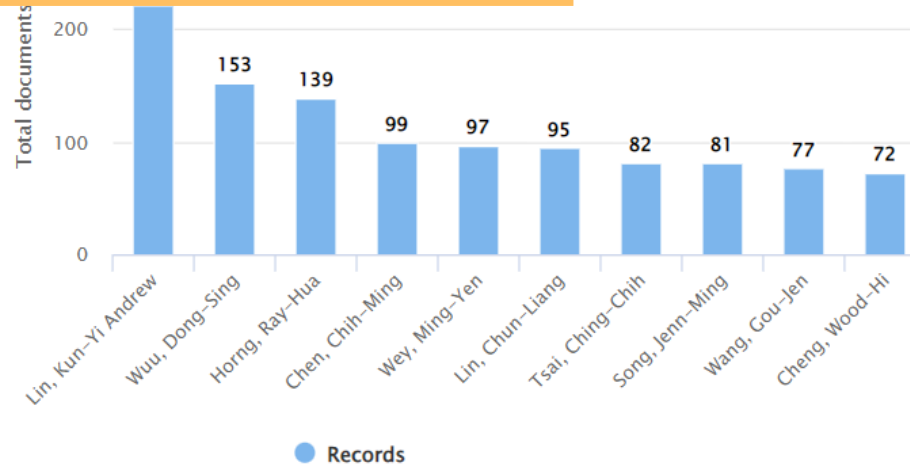
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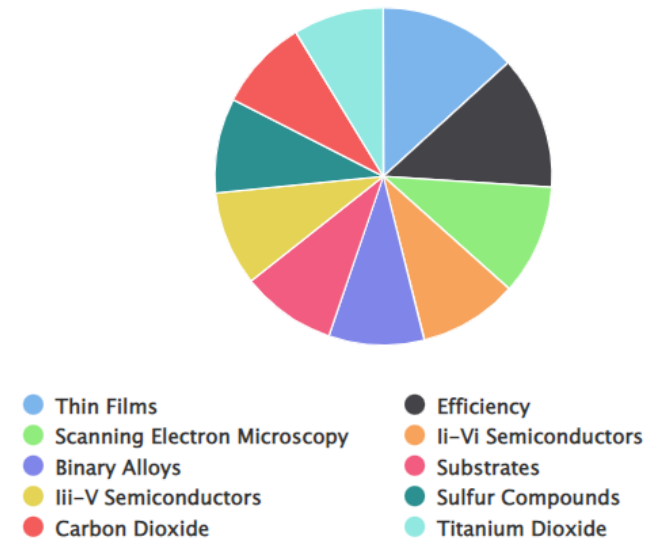
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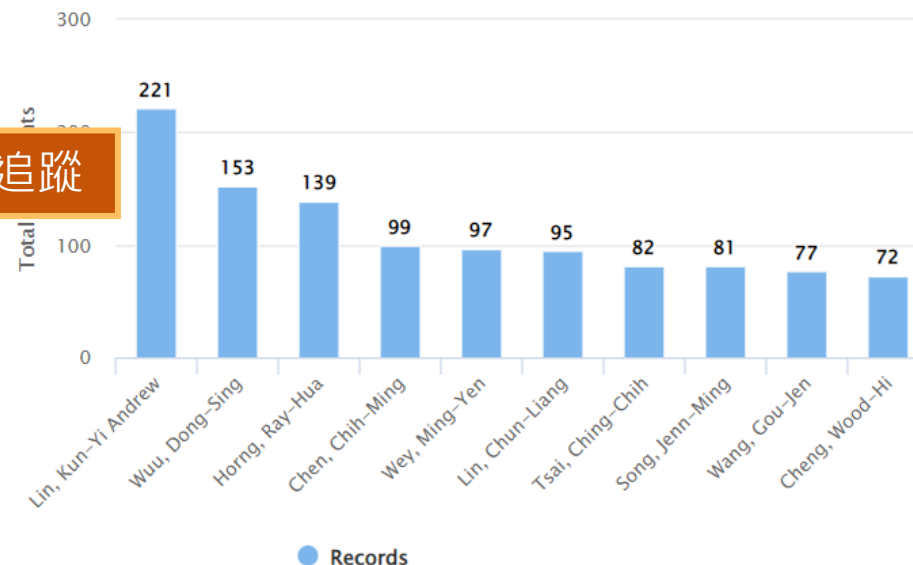
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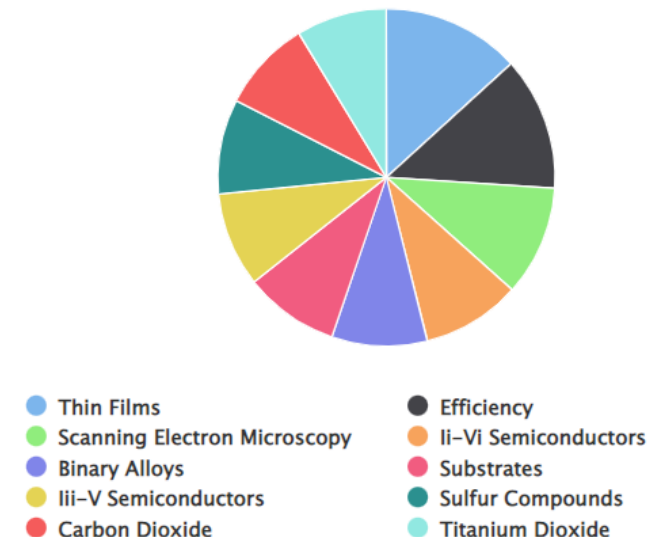
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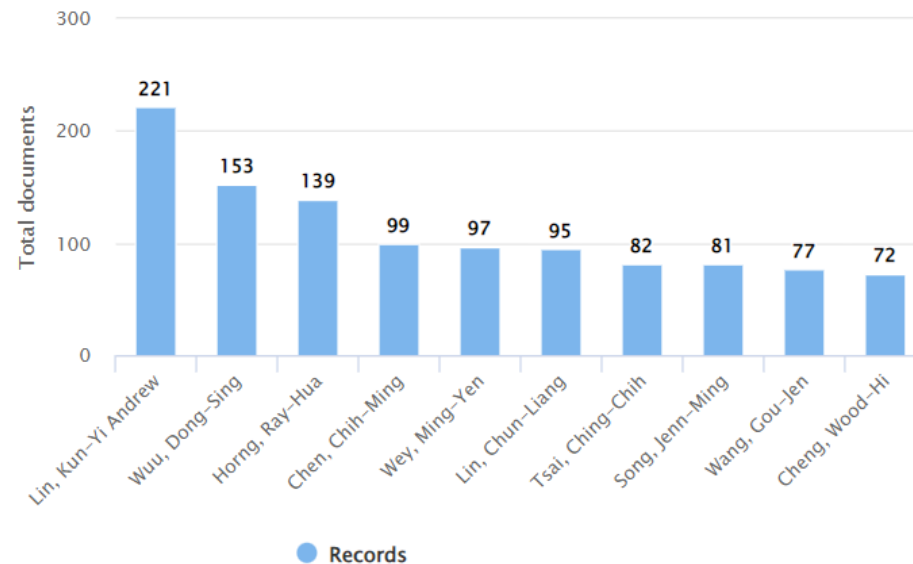
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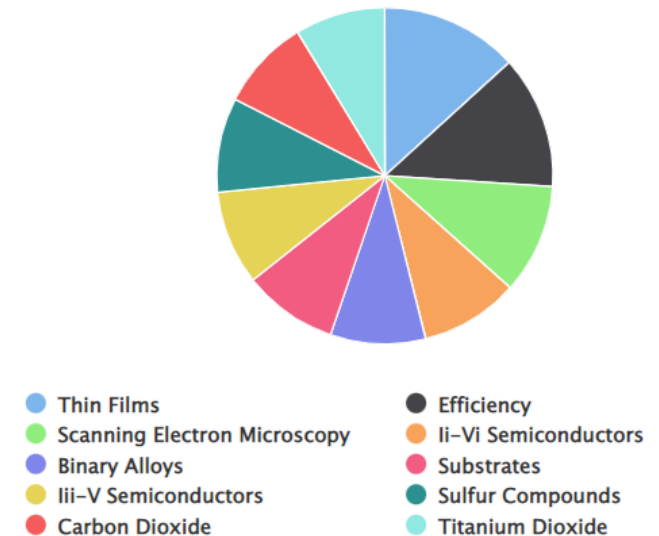
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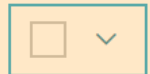
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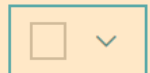
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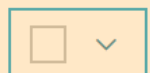


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Search terms: (((Reservoir) WN ALL) AND (1884-2023 WN YR)) and ((Artificial Intelligence) WN ALL) AND (1884-2023 WN YR))

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#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 ▾				9 Feb 2023 9:45 AM
#19	<input type="checkbox"/> ▾	25 results in Compendex for: (((geology) WN KY) AND ((taiwan) WN CO)) AND ((National Chiao Tung University) WN ALL) Details ▾	<input type="checkbox"/>	<input type="checkbox"/>		9 Feb 2023 9:43 AM

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#19	<input type="checkbox"/> ▾	25 results in Compendex for: (((geology) WN KY) AND ((taiwan) WN CO)) AND ((National Chiao Tung University) WN ALL) Details ▾	<input type="checkbox"/>	<input type="checkbox"/>		9 Feb 2023 9:43 AM

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1. ☐ Study failure mechanism of reservoir water level fluctuation on the stability treated landslide on reservoir bank (Open Access)

Chen, Jian (Department of Architectural Engineering, Zhejiang Tongji Vocational College of Science and Technology, Hangzhou; 311231, China); Zhu, Yubo; Lv, Lei; Huang, Hairong Source: Geotechnical and Geological Engineering, v 40, n 6, p 3211-3224, June 2022

Database: Compendex

Document type: Journal article (JA)

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2. ☐ Influence of seepage on the seepage characteristics and slope stability under fluctuations in Reservoir Water Level

Chen, Jian (Department of Architectural Engineering, Zhejiang Tongji Vocational College of Science and Technology, Hangzhou; 311231, China); Zhu, Yubo; Lv, Lei; Huang, Hairong Source: Geotechnical and Geological Engineering, v 40, n 6, p 3211-3224, June 2022

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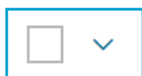


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SDGs 7	<p>((("Alternative Energy Sources ") OR (" Battery Electric Vehicles ") OR (" Battery Energy Storage System ") OR (" Battery Energy Storage Systems ") OR (" Biofuel ") OR (" Blade Element Mom ...</p> <p>More details ▾</p>	<input type="checkbox"/>		
offshore wind power	<p>((("offshore wind power") WN ALL)</p> <p>More details ▾</p>	<input type="checkbox"/>		

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SDGs 7		<input type="checkbox"/>			
offshore wind power	((("offshore wind power") WN ALL) More details ▾	<input type="checkbox"/>			

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SDGs 7	<p>(((" Alternative Energy Sources ") OR (" Battery Electric Vehicles ") OR (" Battery Energy Storage System ") 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>		

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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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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

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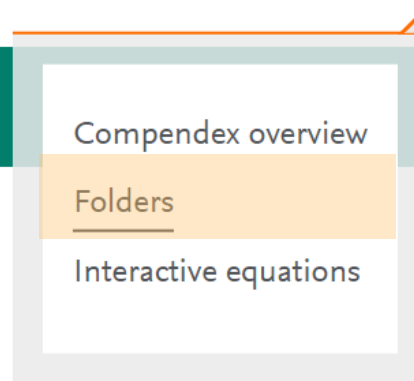
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S_Artificial Intelligence_190924	2 records	
feitsui	1 records	✕

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Folder Name : Reservoir

1 record in this folder

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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

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

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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)"

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活動特區



24小時閱讀不受限 借閱Wiley電子教科書，月月抽好禮！

活動時間：即日起~2025年04月30日(星期三)

活動內容：閱讀不受時間限制、不受地點限制，歡迎參加Wiley Digital Textbooks借閱活動，一起享受Wiley Digital Textbooks24小時閱讀不受限的體驗吧

詳情請見：活動網站



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

活動時間：2024年08月24日(六) 08:30-16:30

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

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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。

The background is a dark teal color with a complex, glowing yellow and white line-art overlay. This overlay includes various business-related symbols: line graphs with upward arrows, bar charts with numerical values, a pie chart, a lightbulb, a cloud, and various currency symbols like \$, €, and ¥. The overall theme is technology and business analytics.

Thank You!

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