

Scifinder 課後心得

這次的藥學科技(二)課程中，我們認識了一個新的資料檢索資料庫 Scifinder，這是一個非常強大的資料檢索系統，可以搜尋到專利期刊、會議記錄、臨床試驗報告...等最即時的資料，以前我們在找論文相關資料的時候，都習慣從 PubMed 這類的免費搜尋引擎尋找，學了 Scifinder 之後，可以讓我們有更多選擇，且搜尋到的資料也更完整、更豐富多元。

特別的是除了我們習慣使用的關鍵字檢索法，Scifinder 還提供了反應式檢索、物質檢索，除了輸入文字之外，還可以結構式檢索，如此強大的功能讓我們在撰寫報告的時候有更方便更快捷的途徑，寫出和別人不一樣的報告！

Scifinder 的人工重點整理讓我們快速看到論文的內容是否符合我們的需要，省去閱讀一整篇論文的時間，搜尋引擎最重要的精準度和正確度，Scifinder 都表現的很好，根據使用者的需求，在關鍵字裡加上'of' 'with' 'for' 便可精確的搜尋到需要的資料

Scifinder 最不一樣的地方就是他連商業物質資訊都可以找到，廠商所在的國家、地址...所有需要的資訊都一應俱全，有了 Scifinder，從原料的取得到製作方法通通都可以得到解答，實在是太方便了！學會了如此好用的東西，一定要多多善加利用。

THOMSON innovation 課後心得

THOMSON innovation 是一個專利檢索平台，專利保護智慧財產，提供研發人員保障，讓科技進步更快，而專利檢索讓我們方便又快速的知道某個技術，某個點子是否已經有人執行，省去重複他人做過的計畫，節省資源，節省時間。醫學檢驗暨生物技術系有一門課－專利地圖分析創新產品研發，講授專利檢索與專利地圖製作軟體實作，來熟悉專利地圖分析所需的知與技巧。由此可知，了解專利對現在的我們是非常重要的事。

THOMSON innovation 的功能非常強大，除了基本的專利檢索，也可以讓我們看到該專利的詳細紀錄畫面，依據範圍主題擷取專利資料，將專利資料做有系統的分類、統計、整理，並將結果用不同圖示加值轉換成有用的專利「情報」。可以自行建立圖表，引用地圖，甚至連專利地圖都由系統幫我們繪製，將專利資料資訊轉化成具有結構化、系統化及圖示化的數據以進行專利分析及瞭解如何保護研究成果、避免專利侵權非常方便。

實際操作

主題：一條根（*Glycine tomentella* Hayata）毒性資料

1. 輸入關鍵字：*Glycine tomentella* Hayata 出現 16 筆資料含有此關鍵字

The screenshot displays the SciFinder web interface. At the top, there are navigation links for 'Explore References', 'Explore Substances', and 'Explore Reactions'. A user is logged in as 'jennifer shieh'. The search path is highlighted: 'Research Topic "Glycine tomentella Hayata" > references (16) > Combine Reference Answer Sets "Autosaved Reference Set" (16) > refine "Glycine tomentella Hayata Ames..." (3) > Glycine tomentella Hayata inhi...'. The main section is titled 'References' and shows '16 References' (0 Selected). It includes buttons for 'Select All', 'Deselect All', and 'Sort by: Accession Number'. The first three references are listed:

- 1. Anti-Stress Effects of *Glycine tomentella* Hayata in Tilapia: Inhibiting COX-2 Expression and Enhancing EPA Synthesis in Erythrocyte Membrane and Fish Growth**
By Chuang, Whae-Ling; Pan, Bonnie Sun
From Journal of Agricultural and Food Chemistry (2011), 59(17), 9532-9541. Language: English, Database: CAPLUS
The objective of this study was to elucidate the in vivo effects of the EtOH ext. of wooly *Glycine tomentella* Hayata (GTE) root on tilapia to elucidate whether GTE has antistress activity. Tilapia as an animal model were fed with or without GTE, then injected with lipopolysaccharide (LPS) or NH₄Cl. The tilapia were exposed to 100 mg/L of aq. NH₄Cl, and/or acute cold stress. Growth parameters of the tilapia were measured during the feeding trials. Tilapia injected with GTE (20 µg/g of fish), NH₄Cl (100 µg/g of fish) and/or LPS (1 µg/g of fish) were then sampled 2 h poststimulation. GTE sig...
- 2. *Glycine tomentella* Hayata inhibits IL-1β and IL-6 production, inhibits MMP-9 activity, and enhances RAW264.7 macrophage clearance of apoptotic cells**
By Yen, Jia-Hau; Yang, Deng-Jye; Chen, Meng-Chi; Hsieh, Yu-Fan; Sun, Yu-Shu; Tsay, Gregory J.
From Journal of Biomedical Science (London, United Kingdom) (2010), 17, No pp. given. Language: English, Database: CAPLUS
To assess the effects of *Glycine tomentella* Hayata (GTH), a traditional herbal medicine for treatment of rheumatic diseases on the expression of the proinflammatory cytokines and on the clearance of apoptotic cells by macrophages. RAW264.7 cells were cultured with lipopolysaccharide (LPS) in the presence or absence of ethanol ext. of GTH. The expression of proinflammatory cytokines IL-1β, IL-6, and TNF-α, and inducible nitric oxide synthase (iNOS) and transglutaminase 2 (TG2) were assayed by reverse transcriptase-polymerase chain reaction (RT-PCR) and ELISA. Matrix metalloproteinase (MMP)-2...
- 3. Methods using organic extract from *Glycine tomentella* for inhibiting cytokines**
By Tsay, Gregory J.
From U.S. Pat. Appl. Publ. (2010), US 20100221368 A1 20100902. Language: English, Database: CAPLUS
The invention provides a method for inhibiting cytokine expression of a patient comprising administering the patient an effective amt. of org. ext. from *Glycine tomentella* Hayata, wherein the cytokine is selected from the group consisting of interleukin-1β (IL-1β), interleukin-6 (IL-6), transglutaminase type 2 (TG2) and matrix metalloproteinase 9 (MMP-9).

On the right side, there is an 'Analysis' panel with a 'Refine' button. It shows 'Analyze by: Author Name' with a dropdown menu. Below this, a list of authors and their corresponding number of references is shown:

Author Name	Count
Hymowitz T	4
Singh R J	4
Tsay Gregory J	4
Kolipara K P	3
Yang Deng Jye	3
Chen Meng Chi	2
Chuang Whae Ling	2
Hsieh Yu Fan	2
Pan Bonnie Sun	2
Sun Yu Shu	2

A 'Show More' button is located at the bottom of the list.

2.進一步搜尋 Glycine tomentella Hayata with toxic

有 0 筆資料同時包含此兩個關鍵字



 Explore
References

 Explore
Substances

 Explore
Reactions

Welcome jennifer shieh | [Sign Out](#)

 Add KMP Alert | Research Topic: "Glycine tomentella Hayata with..."

Research Topic Candidates

2 Topics0 Selected

[Select All](#) [Deselect All](#)

Research Topic Candidates	References
☐ No references were found containing the two concepts "Glycine tomentella Hayata" and "toxic".	0
☐ 16 references were found containing the concept "Glycine tomentella Hayata".	16
☐ 1773550 references were found containing the concept "toxic".	1773550

Get References

[Contact Us](#) | [Copyrights and Trademarks](#)

Copyright © 2011 American Chemical Society. All Rights Reserved.

Saved Answer Sets
KMP Alert Results

[Help](#)
[History](#)
[Preferences](#)

3. 下另一個關鍵字

→ Glycine tomentella Hayata ames test

共有三筆資料提到 Glycine tomentella Hayata 和 ames test

從右邊的分析欄位來看，關於 Glycine tomentella Hayata 的論文多為華人所撰寫，推測是由於一條根為臺灣、閩粵地區著名之藥材，故許多研究都是由國內學者所做。

從國內外之研究情況發現，其化學成分及有效成分的資料欠缺，當然毒性資料也更缺乏。

The screenshot displays the SciFinder web interface. At the top, there are navigation tabs for 'Explore References', 'Explore Substances', and 'Explore Reactions'. Below these, a search bar contains the text 'Research Topic "Glycine tomentella Hayata" > references (16) > Combine Reference Answer Sets "Autosaved Reference Set" (16) > refine Glycine'. The 'Glycine' word is highlighted with a red box. Below the search bar, the results are listed under the heading 'References'. The first three results are highlighted with a red box and labeled '3 References' and '3 Selected'. The first result is '1. Anti-stress effects of Glycine tomentella Hayata in tilapia: inhibiting COX-2 expression and enhancing EPA synthesis in erythrocyte membrane and fish growth'. The second result is '2. Genomic diversity in aneuploid (2n = 38) and diploid (2n = 40) Glycine tomentella revealed by cytogenetic and biochemical methods'. The third result is '3. Glycine tomentella Hayata inhibits IL-1β and IL-6 production, inhibits MMP-9 activity, and enhances RAW264.7 macrophage clearance of apoptotic cells'. On the right side of the interface, there is an 'Analysis' panel. Under 'Analyze by:', the 'Author Name' dropdown menu is selected and highlighted with a red box. Below this, a list of authors is shown with their corresponding number of references: Chen Meng Chi (1), Chuang Whae Ling (1), Hsieh Yu Fan (1), Hymowitz T (1), Kollipara K P (1), Pan Bonnie Sun (1), Singh R J (1), Sun Yu Shu (1), Tsay Gregory J (1), and Yang Deng Jye (1). A 'Show More' button is at the bottom of the list.

一條根 (Glycine tomentella Hayata) 相關專利檢索

關鍵字：I-Tiao-Ken

 THOMSON REUTERS

HOME | ABOUT US | PRODUCTS & SERVICES | PRESS ROOM | SUPPORT | CONTACT US

Site Search

SEARCH RESULTS

Thomson Innovation [Advanced Search](#)

Your search - **I-Tiao-Ken** - did not match any documents.
No pages were found containing "**I-Tiao-Ken**".

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.

© 2011 THOMSON REUTERS | PRIVACY POLICY | TERMS OF USE | COPYRIGHT | CONTACT US

關鍵字：Glycine tomentella

 THOMSON REUTERS

HOME | ABOUT US | PRODUCTS & SERVICES | PRESS ROOM | SUPPORT | CONTACT US

Site Search

SEARCH RESULTS

[Advanced Search](#)

Your search - **Glycine tomentella** - did not match any documents.
No pages were found containing "**Glycine tomentella**".

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.

© 2011 THOMSON REUTERS | PRIVACY POLICY | TERMS OF USE | COPYRIGHT | CONTACT US

結果：兩個關鍵字都沒有相關資料