

# Abstrackr 使用手冊

**Systematic Review** 文獻篩選流程管理工具

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# Abstrackr 介紹

**Rayyan**是一款幫助使用者與其團隊上傳、整理並篩選文章相關性的免費線上協作平台。

可在同一個頁面中呈現文章標題、刊登期刊、作者、**PMID**、文章摘要及關鍵字。並提供標籤功能幫助使用者分類文章。

網址：<http://abstrackr.cebm.brown.edu/>

B

A

C

# 目錄

**01** 主要頁面介紹  
My work, My project

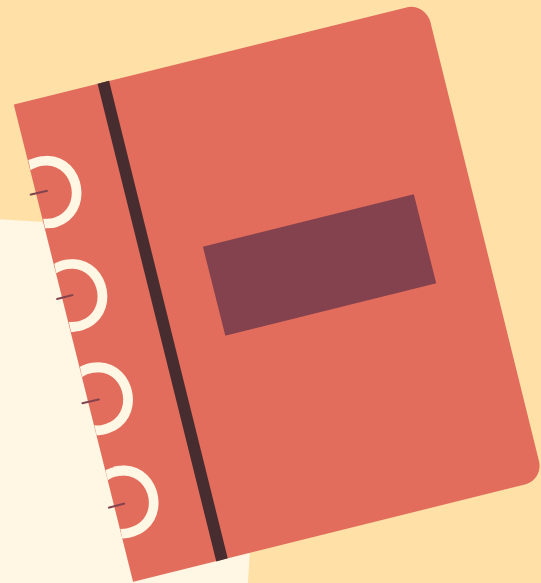
**02** 文章審查操作流程  
Basic screening, Labeling terms,  
Tags, Notes



# 01

## 主要頁面介紹

My work & My project



# 登入 / 註冊

## 操作步驟

輸入帳號及密碼即可登入

username

password

don't have an account yet? [register here.](#)  
or maybe you forget your password? [recover it.](#)

first name:

last name:

how many SRs have you participated in?:

email:

username:

password:

依照欄位填寫基本資料後，  
按下**sign me up!** 即可註冊

Forgot your password, huh? tsk, tsk.

Enter your email below and we'll send you instructions to reset it.

your email:

若忘記密碼，點選 **recover it**  
重新設定密碼

# 首頁 - My work

## 頁面說明

- **Quick tour** : 快速瀏覽頁面功能
- **My work** : 目前頁面，可以瀏覽正在進行及完成的專案
- **My project** : 可以自行建立並管理專案

review	number to screen	screened so far	assigned	due	actions
KDIGO_SR/CPG_CKD_population	--	54	1/17/2017	--	screen review labels
Macular_degeneration	--	400	10/19/2015	--	screen review labels
RAS update 12-23-2015	--	106	12/26/2015	--	screen review labels
NMSC_6.3.16	--	632	6/21/2016	--	screen review labels
Intro to SR Pilot	--	0	10/12/2016	--	screen review labels

現在進行中  
專案的名稱

目前已檢視  
文章數目

創建日期

按下 **Screen**  
可開始審查文章

可檢視已完成  
審查的文章

# 管理專案 - My project

## 頁面說明



### Admin:

可管理目前參與  
審查文章的協作者

### Export:

可輸出所有文章的  
審查情況及相關資料

### Conflicts:

可重新審查  
有爭議的文章

### Maybes:

可重新審查  
不確定的文章

# 管理專案 – My project/admin

## 頁面說明



The screenshot shows a web interface with five navigation tabs: 'Manage Participants', 'Manage Assignments', 'Edit Settings', 'Add Citations', and 'Upload Terms'. The 'Manage Participants' tab is highlighted with a red border. Below the tabs, the main content area contains the following text:

Hrmm... You're the only person participating in this review.  
But don't despair: you can invite people below!

Want to invite additional reviewers? Enter their emails (comma-separated).

Alternatively, they can join the review themselves by following this link:  
<http://abstrackr.cebm.brown.edu/join/DKR4QWWH32>

### Manage Participants:

可管理協作者

### Manage Assignments:

可指定協作者需要完成的文章數

### Edit Settings:

可調整書目清單的設定  
後面會一併介紹

### Add citations:

可匯入其他書目清單

### Upload Terms:

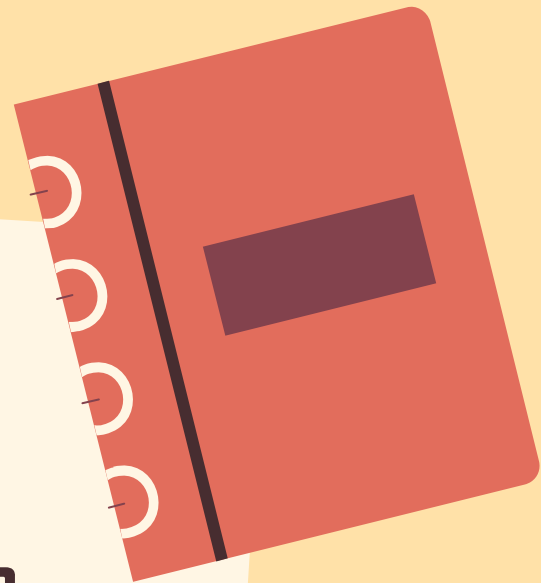
可匯入需**highlight**的關鍵字



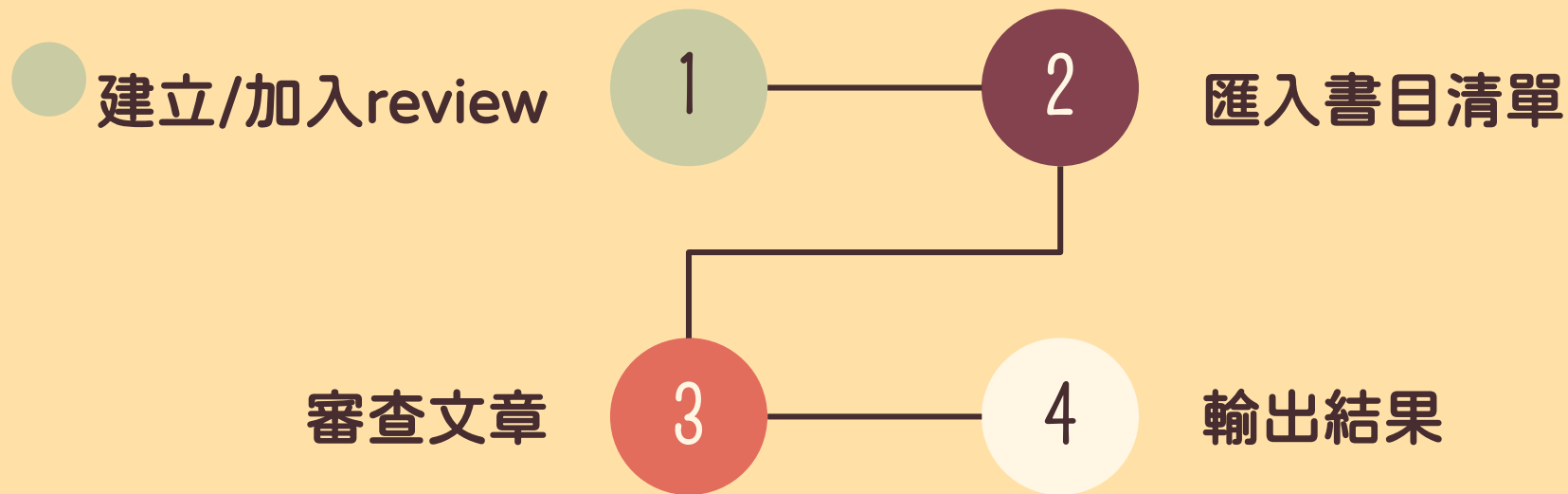
# 02

## 文章審查操作流程

Basic screening, labeling terms, tags, notes

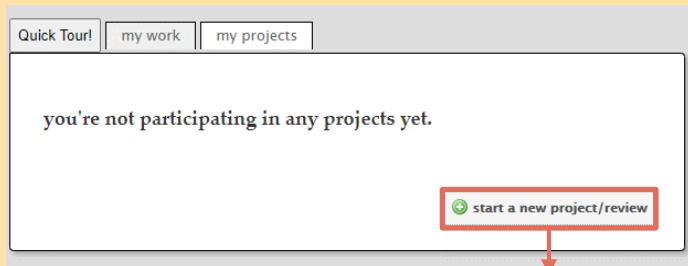


# 文章審查操作流程



# 1. 建立/加入 review

## 操作步驟



點選start a new project/review

可選擇 單/雙 篇文章瀏覽

**Pilot round size :**  
固定前n篇文章使  
所有協作者必定瀏覽

project name: Review 16988

project description:

upload file (what can I import?):  沒有選擇檔案

screening mode (what?): Single-screen ▾

order abstracts by: Most likely to be relevant ▾

pilot round size (huh?): 0

tag visibility (what?): Private ▾

文章排序  
【相關度排列 or 隨機排列】

## 2. 匯入書目清單

### 步驟說明

project name:

project description:

upload file (what can I import?):

screening mode (what?):

order abstracts by:

pilot round size (huh?):

tag visibility (what?):

以下為匯入書目清單的方式：

1. **RIS**格式匯入
2. 由**Reference Manager 11/12** 輸出的**XML**匯入
3. 由**PubMed PMID List**匯入
4. 手動匯入

匯入後系統會自動尋找該篇文章的文章標題、刊登期刊、作者群、文章摘要及關鍵字。

若由手動匯入，則需要手動輸入這些資料。

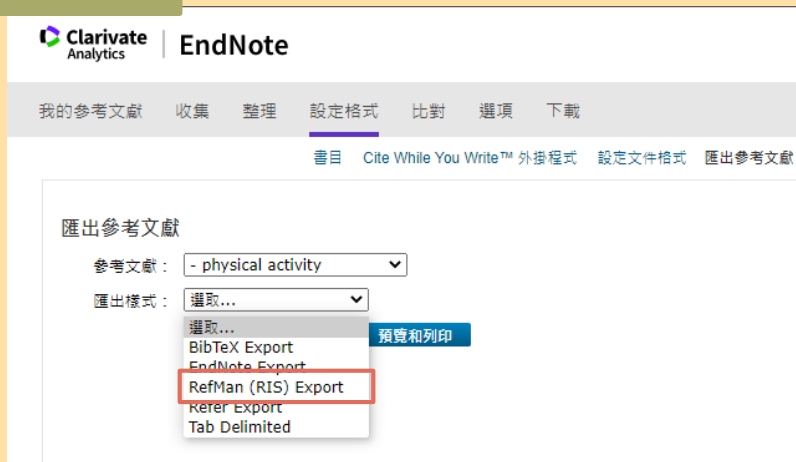
\*注意：

- **PMID List**也可手動整理，但格式必須與**PubMed**輸出的檔案相同

# 2-1. RIS格式匯入 - EndNote Web / Scopus / Embase 適用

## 操作步驟

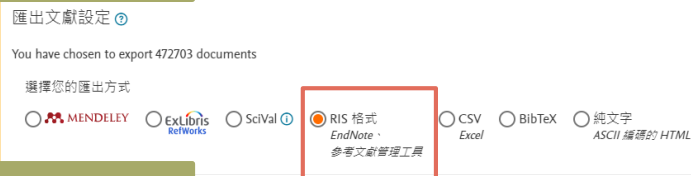
### EndNote Web



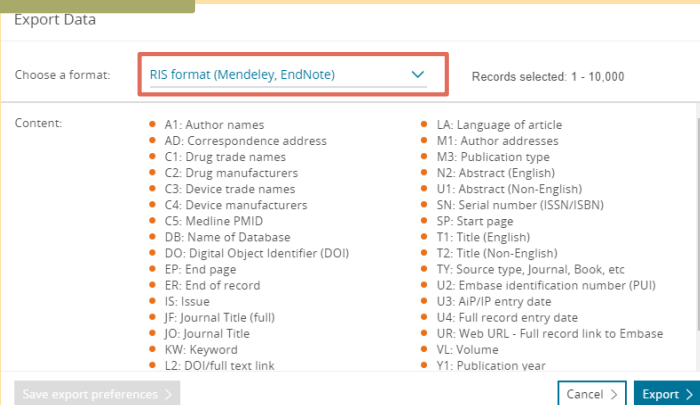
在匯出方式選擇RIS並輸出即可匯入Abstrackr

\*Web of Science 的資料可先匯入EndNote Web，再匯入Abstrackr

### Scopus

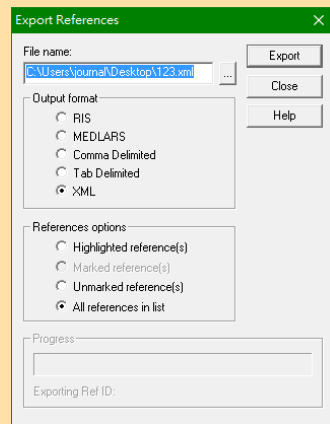
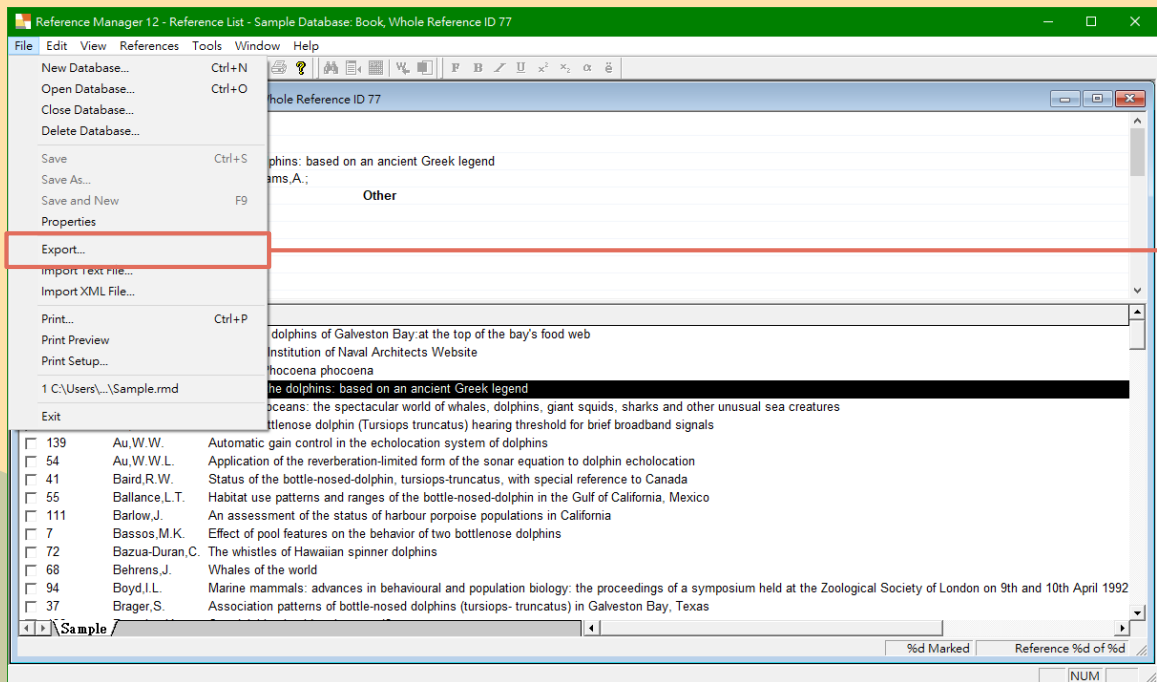


### Embase



# 2-2. Reference Manager 11/12 XML匯入

## 操作步驟



在Output Format選擇XML  
並輸出即可匯入Abstrackr

\*僅可使用Reference Manager 11/12  
輸出的XML檔

## 2-3. PubMed PMID List匯入

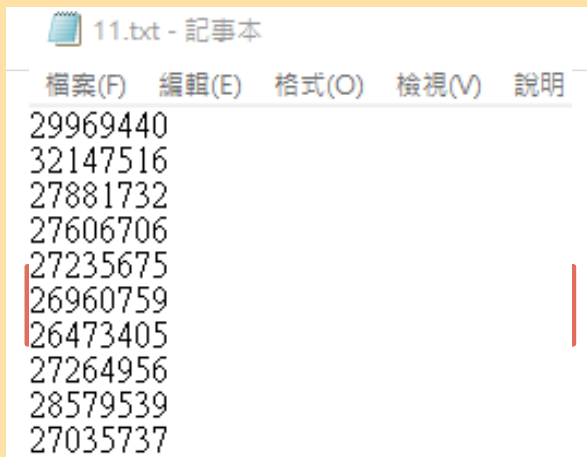
### 操作步驟

① 進入PubMed，並點選save欄位



The screenshot shows the PubMed search results page for the term "physical". The page header includes the NIH logo and "National Library of Medicine". The search bar contains "physical" and the "Search" button is visible. Below the search bar, there are buttons for "Save", "mail", and "Send to". The "Save" button is highlighted with a red box. The page also shows "2,386,902 results" and a "RESULTS BY YEAR" graph.

② 在Format選擇PMID並輸出



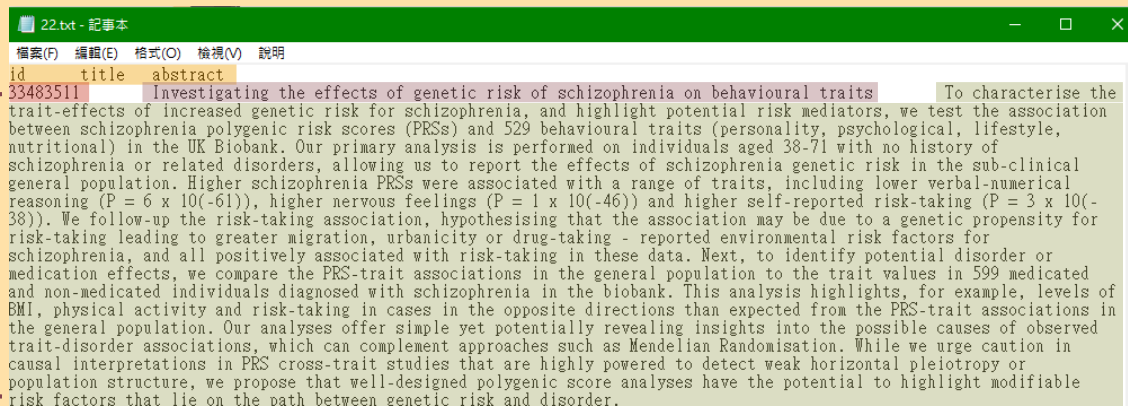
The screenshot shows a Notepad window titled "11.txt - 記事本". The window contains a list of PMID numbers: 29969440, 32147516, 27881732, 27606706, 27235675, 26960759, 26473405, 27264956, 28579539, and 27035737. The text is formatted as a list of numbers, with a red vertical line on the right side of the window.

## 2-4. 手動匯入 [無PMID]

### 操作步驟

#### 標題欄位

#### ID, Title, Abstract



```
id      title      abstract
33483511 Investigating the effects of genetic risk of schizophrenia on behavioural traits To characterise the
trait-effects of increased genetic risk for schizophrenia, and highlight potential risk mediators, we test the association
between schizophrenia polygenic risk scores (PRSs) and 529 behavioural traits (personality, psychological, lifestyle,
nutritional) in the UK Biobank. Our primary analysis is performed on individuals aged 38-71 with no history of
schizophrenia or related disorders, allowing us to report the effects of schizophrenia genetic risk in the sub-clinical
general population. Higher schizophrenia PRSs were associated with a range of traits, including lower verbal-numerical
reasoning (P = 6 x 10(-61)), higher nervous feelings (P = 1 x 10(-46)) and higher self-reported risk-taking (P = 3 x 10(-
38)). We follow-up the risk-taking association, hypothesising that the association may be due to a genetic propensity for
risk-taking leading to greater migration, urbanicity or drug-taking - reported environmental risk factors for
schizophrenia, and all positively associated with risk-taking in these data. Next, to identify potential disorder or
medication effects, we compare the PRS-trait associations in the general population to the trait values in 599 medicated
and non-medicated individuals diagnosed with schizophrenia in the biobank. This analysis highlights, for example, levels of
BMI, physical activity and risk-taking in cases in the opposite directions than expected from the PRS-trait associations in
the general population. Our analyses offer simple yet potentially revealing insights into the possible causes of observed
trait-disorder associations, which can complement approaches such as Mendelian Randomisation. While we urge caution in
causal interpretations in PRS cross-trait studies that are highly powered to detect weak horizontal pleiotropy or
population structure, we propose that well-designed polygenic score analyses have the potential to highlight modifiable
risk factors that lie on the path between genetic risk and disorder.
```

多欄位匯入需照一定格式輸入，並以 **tab (\t)** 作為分隔。以下是必要欄位：

**ID \t title \t abstract (\t keywords \t authors \t journal)**

完成後會如上圖顯示，特別注意需要加上標題欄位，系統才能辨識。

若該欄位無填入資料，則會有資料缺失的情況發生。



### 3. 建立/加入 review

#### 操作步驟

project name:

project description:

upload file (what can I import?):  沒有選擇檔案

screening mode (what?):

order abstracts by:

pilot round size (huh?):

tag visibility (what?):

Well done! 300 of 300 abstracts have been imported  
Awesome, you're ready to start screening.

**What now?**, you ask. You can invite additional reviewers, if you'd like.

Enter their emails (comma-separated).

建立清單後，可輸入想邀請的協作者**e-mail**。被邀請的協作者會收到加入**review**的連結，**只有點選連結才能加入共同審查**。

# 4. 審查文章

## 頁面說明

### A Part:

#### Tag study:

新增tag於該篇文章

#### Edit tags:

修改已加入的tags

#### Notes:

可輸入筆記，且可在輸出時輸出成其中一個欄位

tags & notes

(no tags yet.)

tag study...

edit tags...

notes...

**Egr-1 deficiency protects from renal inflammation and fibrosis.**  
*Journal: Journal of molecular medicine (Berlin, Germany)*

Authors: Ho LC and Sung JM and Shen YT and Jheng HF and Chen SH and Tsai PJ and Tsai YS

UNLABELLED: NF-kappaB and TGFbeta play critical roles in renal inflammation and fibrosis, and their regulation in the kidney is thus of great interest. Early growth response-1 (Egr-1), a transcription factor belonging to the immediate early gene family, has been found to regulate inflammation and fibrosis in non-kidney tissues, but its role in renal failure has not been clear. In this study, wild-type and Egr1 (-/-) mice were fed with an adenine-enriched diet to induce tubulointerstitial nephritis (TIN), and primary tubular epithelial cells (PTECs) were treated with pro-inflammatory and pro-fibrotic cytokines. Kidney tissues from patients with or without renal failure were stained for Egr-1. Our results showed that Egr-1 expression was upregulated in the kidney with TIN, and the tubular epithelial cell is the primary site for Egr-1 upregulation and nuclear translocation. Egr1 (-/-) mice were protected from renal failure, reflected by low levels of serum urea and creatinine. The protective effect was related to an attenuation of tubular injury, immune cell infiltration, NF-kappaB activity, and cytokine/chemokine expressions in the kidney. Renal fibrotic area and TGFbeta signaling were also reduced in Egr1 (-/-) mice. In vitro study showed that Egr-1 deficiency attenuated the ordinary responses of PTECs to TNFalpha and TGFbeta. Importantly, Egr-1 is of clinical significance since the activity of Egr-1 in renal tubular cells was upregulated in renal failure patients. Our study highlights the integrative role of Egr-1 in renal inflammation and fibrosis. Thus, Egr-1 may serve as a therapeutic target for human kidney diseases. KEY MESSAGES: Renal failure activates Egr-1 in human and mouse tubular cells. Egr-1 deficiency attenuates NF-kappaB and TGFbeta-mediated renal inflammation/fibrosis. Egr1 (-/-) PTECs respond weakly to pro-inflammatory or pro-fibrotic stimulation.

**keywords:** Animals, Cells, Cultured, Early Growth Response Protein 1 / genetics / metabolism, Fibrosis, Gene Knockout Techniques, Humans, Kidney / immunology / metabolism / pathology, Mice, Inbred C57BL, Mice, Knockout, NF-kappa B / metabolism, NLR Family, Pyrin Domain-Containing 3 Protein / metabolism, Nephritis, Interstitial / immunology / metabolism, Transforming Growth Factor beta / metabolism

ID: 29384543

you labeled this citation as "relevant" on 2021-05-27 03:32:34

back to screening

back to the list of labeled citations

**A part**

**B part**

**C part**

### B Part:

V : 有效文章

? : maybe?

X : 無效文章

### C Part:

在term中輸入關鍵字後，點選讚/倒讚的圖案即可在文章中搜尋關鍵字。

搜尋到的關鍵字會被highlight，方便使用者瀏覽。

# 5. 輸出結果

## 操作步驟

**export labels**

select the export type:

select the fields you'd like to export:

<input checked="" type="checkbox"/>	(internal) id
<input checked="" type="checkbox"/>	(source) id
<input checked="" type="checkbox"/>	pubmed id
<input checked="" type="checkbox"/>	keywords
<input checked="" type="checkbox"/>	abstract
<input checked="" type="checkbox"/>	title
<input checked="" type="checkbox"/>	journal
<input checked="" type="checkbox"/>	authors
<input checked="" type="checkbox"/>	tags
<input checked="" type="checkbox"/>	notes

點選**my project**頁面中的**export**可輸出審查結果  
可輸出**4種**文件格式：**CSV, XML, RIS(label), RIS(citation)**  
並且可選擇要輸出的欄位(黃色為已勾選輸出)

# 5. 輸出結果

## 輸出結果說明

The screenshot shows a spreadsheet with columns for article metadata and review results. The '文章基本資料' callout points to columns A through G, and the '文章審查結果' callout points to columns I through Q.

(internal) id	(source) id	pubmed id	keywords	abstract	title	journal	authors	tags	consensus	labeled_at	jiasel	labeled_at	general notes (jiasel)	population notes (jiasel)	intervention/comparator notes (jiasel)	outcome notes (jiasel)
1	29384541	31954614	31954614	Animals, Colla Tendinopathy: A single-pulse	Medical engin	Lin CC and						1 #####				
2	29384542	28069623	28069623	Accidental Fa	OBJECTIVE Epidemiologic	BMJ open	Ou LC and C		o			1 #####				
3	29384543	26960759	26960759	Animals, Cells UNLABELL	Egr-1 deficiet	Journal of mo	Ho LC and S		o			1 #####				
4	29384544	29512783	29512783	Animals, *Bra 3-(5'-Hydrox	Therapeutic v	Molecular me	Tai SH and I	inflammation	o			0 #####				
5	29384545	31336927	31336927	Human cardie	Progenitor C	Journal of clin	Wong TW as		o			0 #####				
6	29384546	29577917	29577917	Animals, Dise	Cutaneous w	Msx2 Suppor	The Journal o	Hughes MW	o			0 #####				
7	29384547	29249493	29249493	Actins/metab	OBJECTIVE Exendin-4 im	The Journal o	Roan JN and		o			-1 #####				
8	29384548	26928286	26928286	Adult, Anti-In	Nine neoligna	Anti-inflamms	Bioorganic &	Shih HC and	o			-1 #####				
9	29384549	26433037	26433037	Animals, Arter	BACKGROU	Spinal cord in	The spine jou	Lee JS and F	o			0 #####				
10	29384550	31739846	31739846	Adrenergic af	STUDY OBJ	Alpha-1 Adre	Journal of clin	Su PL and L	o			1 #####				
11	29384551	31589480	31589480	Acetylation, A	Polycystic kid	Prothymosin	FASEB journ	Chen YC and	o			1 #####				
12	29384552	28579539	28579539	Animals, Carb	In this study, 'Preparation o	Acta biomate	Huang YH as		o			0 #####				
13	29384553	31692488	31692488	Purpose: Hun	Comprehens	Cancer mana	Yeh YM and		o			-1 #####				
14	29384554	31234583	31234583	Accumulated	Amelioration	Nanomaterial	Kuo WS and		o			0 #####				
15	citations that are not yet labeled by anyone															
16	29384840	31956437	31956437	Acanthamoeb	Safety of intra	Journal of adv	Lim CC and									
17	29384838	26222496	26222496	Animals, Dise	Post-laminct	Efficacy of toj	Journal of ort	Wu CY and								
18	29384839	31646973	31646973	Adult, Aged, A	BACKGROU	Low seroprev	BMC infectio	Chien YW as								
19	29384832	26746667	26746667	Animals, *Ger	Post-ischemic	Deletion of N	Molecular net	Wang LC an								

# 5. 輸出結果

## 文章審查結果說明

是否取得共識

是否為有效文章  
1/0/-1

審查時間

標籤

文章備註

tags	consensus	labeled_at	jiasel	labeled_at	general notes (jiasel)	population notes (jiasel)	intervention/comparator notes (jiasel)	outcome notes (jiasel)
	o			1 #####				
	o			1 #####				
	o			1 #####				
inflammation	o			0 #####				
	o			0 #####				
	o			0 #####				
	o			-1 #####				
	o			-1 #####				



# THANKS

成功大學醫學圖書分館製作  
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