

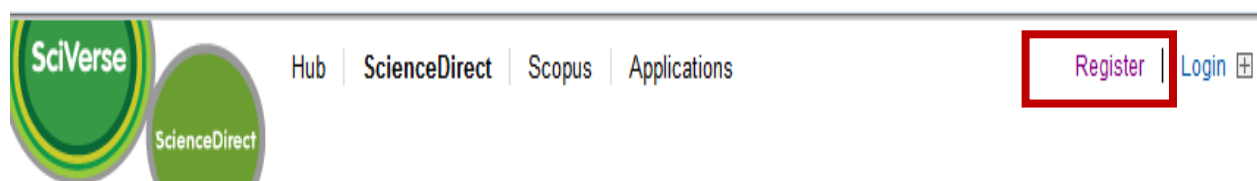
# SciVerse ScienceDirect App 設定說明

## 一、 啟用

ScienceDirect 可在 iPhone、iPad、iPod 等行動載具查詢使用，但是使用前需先至網站註冊個人服務帳號。註冊網址 如下

[www.sciencedirect.com/science/newregistration](http://www.sciencedirect.com/science/newregistration)

或登入 ScienceDirect (<http://www.sciencedirect.com/>)，於右上角點選 “Register”



填寫下表，並於最後勾選註冊同意授權書，並收 Email 啟用後即可完成。

### Register

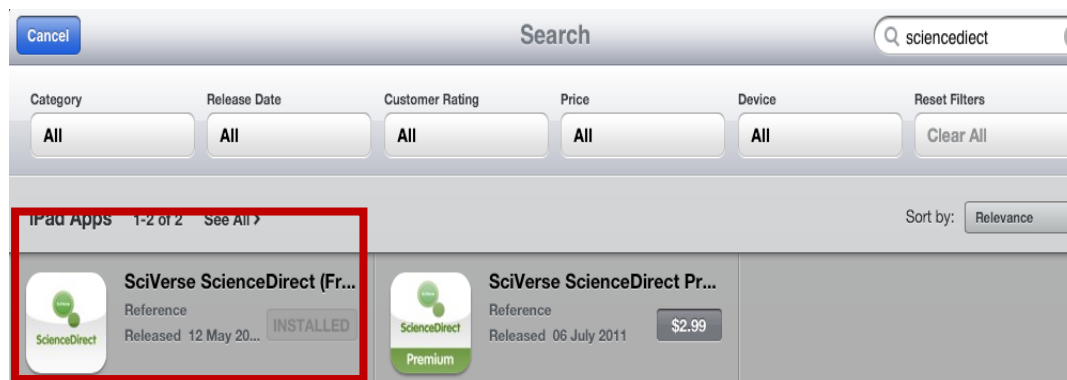
Registration is quick and free. It allows you to personalize these [Elsevier products](#) if you have access. For example you can stay up-to-date with Search Alerts and Document Citation Alerts or keep track of your research with Saved Searches.


(\* = required field)

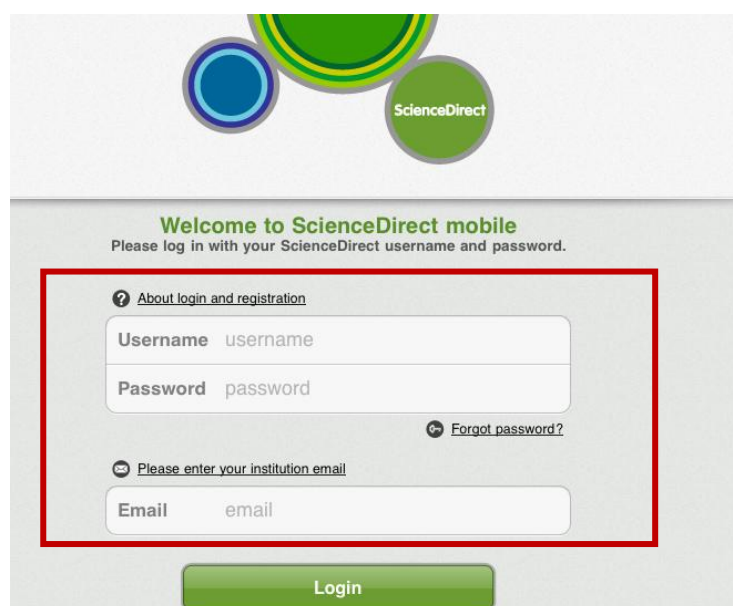
|                                                                                          |                                |
|------------------------------------------------------------------------------------------|--------------------------------|
| <b>Your details</b>                                                                      | <a href="#">Privacy policy</a> |
| First name: <input type="text"/>                                                         | *                              |
| Family name: <input type="text"/>                                                        | *                              |
| <b>E-mail and password</b>                                                               |                                |
| Enter a password between 5 and 20 characters. Your e-mail address will be your username. |                                |
| E-mail address: <input type="text"/>                                                     | *                              |
| Password: <input type="password"/>                                                       | *                              |
| Confirm password: <input type="password"/>                                               | *                              |
| <b>Your role and field of interest</b>                                                   |                                |
| Your role: <input type="text" value="Select your role in your organization"/>            | *                              |
| Please select at least one subject area of interest: *                                   |                                |
| <input type="checkbox"/> Agricultural and Biological Sciences                            |                                |
| <input type="checkbox"/> Arts and Humanities                                             |                                |

※注意本申請填寫之 email 需為學校信箱(\*\*\*\*\*@fcu.edu.tw)(此為認證是否為合法使用者方式)。

請至行動載具的 App Store 搜尋 Sciencedirect 的應用程式後，下載至行動載具上。



點選之圖示 ，第一次使用需輸入個人化服務帳號密碼及學校電子郵件信箱，登入後，請先至學校電子郵件信箱收信，點選啟用連結後，方可閱讀全文。



主旨: Activate your ScienceDirect mobile app

Hi,

Thank you for downloading the SciVerse ScienceDirect mobile application. Please use the link below to complete your activation; you can enter the link into your browser's address bar:

<http://sciencedirect.gos2m.nl/ScienceDirectWeb/EmailActivation?userid=25327&code=bd1470892655911ee65dfff34727ace4>

You should then be all set to start using the app! We hope you won't need to but if you experience any problems please contact our helpdesk.

## 二、 操作

登入後，畫面如下

資料庫檢索

使用指引

The screenshot shows the SciVerse ScienceDirect homepage. At the top, there are three main navigation buttons: a magnifying glass icon for 'Search ScienceDirect', a document icon for 'My Saved Articles', and an 'i' icon for 'Information'. These three buttons are enclosed in a red rectangular box. Below this is a section titled 'New on ScienceDirect' with a 'Personalize?' link. It lists several articles with their titles, dates, volumes, and authors. A blue callout box labeled '個人蒐集文獻儲存' points to the 'My Saved Articles' button. At the bottom of the page, there is a dark navigation bar with four icons: a house for 'Home', a magnifying glass for 'Search', a document for 'My saved articles', and an 'i' for 'Information'. This entire navigation bar is enclosed in a red rectangular box. A blue callout box labeled '功能列' points to this navigation bar.

SciVerse ScienceDirect

Search ScienceDirect My Saved Articles Information

New on ScienceDirect Personalize?

**The proteasome of malaria parasites: A multi-targeting target for chemotherapeutic intervention?**  
2012, *International Jour...* Volume 2, 110  
Makoah Nigel, Aminake, Hans-Dieter, Arndt, Gabriel

**Visceral leishmaniasis ... and how to deliver it?**  
2012, *International Jour...* Volume 2, 1119  
Lucio H., Freitas-Junior, Eric, Chatelain, Helena Andrade, Kim, Jair L., Siqueira-Neto

**Piaget and Vygotsky: Many resemblances, and a crucial difference**  
2012, *New Ideas...* Volume 30, Issue 3, 281295  
Orlando, Lourenço

**Genotypic analysis of  $\beta$ -tubulin in *Onchocerca volvulus* from communities and individuals showing poor parasitological response to ivermectin treatment**  
2012, *International Jour...* Volume 2, 2028  
Mike Y., Osei-Atweneboana, Daniel A., Boakye, Kwablah, Awadzi, John O., Gyapon

Home Search My saved articles Information

# 1. 檢索

輸入檢索值，並可設定檢索欄位

檢索結果排序方式

可設定檢索條件，由系統代為檢所並發送通知

檢索畫面

檢索結果清單，可點選綠色圖示查看摘要、全文等 (若圖示為灰色則表無全文使用權限)

依標籤點選讀取摘要、大綱、全文、圖表、參考文獻等。

## 全文選示

|          |         |           |                  |            |                       |
|----------|---------|-----------|------------------|------------|-----------------------|
| Abstract | Outline | Full text | Figures & Tables | References | Supplementary Content |
|----------|---------|-----------|------------------|------------|-----------------------|

### Flow and heat transfer in porous micro heat sink for thermal management of high power LEDs

Microelectronics Journal, May 2011

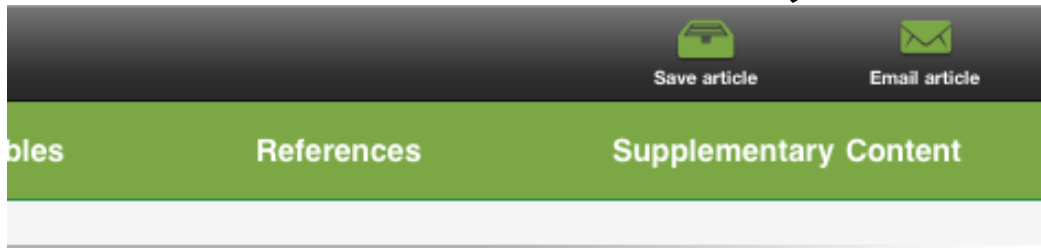
#### Keywords

High power LEDs ; Porous micro heat sink ; Porous media ; High heat flux ; Heat dissipation

#### Abstract

A novel porous micro heat sink system is presented for thermal management of high power LEDs, which has high heat transport capability. The operational principle and heat transfer characteristics of porous micro heat sink are analyzed. Numerical model for the micro heat sink is developed to describe liquid flow and heat transfer based on the local thermal equilibrium of porous media, and it is solved with SIMPLE algorithm. The numerical results show that the heated surface temperature of porous micro heat sink is low at high heat fluxes and is much less than the bearable temperature level of LED chips. The heat transfer coefficient of heat sink is very high, and increasing the liquid velocity can enhance the average heat transfer coefficient. The overall pressure loss of heat sink system increases with the increasing the inlet velocity, but the overall pressure drop is much less than the pumping pressure provided by micro pump. The micro heat sink has good performance for thermal management of high power LEDs, and it can improve the reliability and life of LEDs.

可儲存本文至 My Saved Article 或轉寄本文



## Management of high power LEDs

the light have attracted much more attention in recent years because of several logen lamps, and fluorescent lamps. Compared with these light lamps, LEDs have , energy saving, environmental protection, and so on [3-5]. Therefore, LEDs are

### 2. 個人蒐集文獻儲存



#### 個人蒐集文獻儲存

可將文獻下載後離線閱讀，文獻可以依下載日期、篇名、作者、出版日期排序。

A screenshot of the SciVerse ScienceDirect 'Saved articles' interface. On the left is a 'Sorting' sidebar with options: 'Date added' (checked), 'Title', 'Author', and 'Publish date'. The main area shows a list of saved articles. The first article is titled 'Genotypic analysis of  $\beta$ -tubulin in Onchocerca volvulus from communities and individuals showing poor parasitological response to ivermectin treatment', published in 2012, *International Jour...* Volume 2, 2028, by Mike Y., Osei-Atweneboana, Daniel A., Boakye, Kwablah, Awadzi, John O., Gyapon... The second article is 'The proteasome of malaria parasites: A multi-stage drug target for chemotherapeutic intervention?', published in 2012, *International Jour...* Volume 2, 110, by Makoah Nigel, Aminake, Hans-Dieter, Arndt, Gabriele, Pradel. Each article entry includes a small thumbnail image and a green arrow icon.