



分析研究發展趨勢 追蹤引用地圖脈絡

Web of Science - Core Collection

碩睿資訊有限公司

Shou Ray Information Service

Trainer

2018

綱 要

背景

- 研究需求
- Web of Science引文分析資料庫

檢索

- 基本 / 進階
- 引用文獻報告 / 分析結果

服務

- EndNote online
- Researcher ID

研究發表工具之利用

讓您的發表與國際研究社群接軌

ResearcherID.com

*Journal Citation Reports
(JCR)*
*Essential Science Indicators
(ESI)*

發表評估工作

*Web of Science
(SCIE, SSCI, AHCI)*

背景問題知識補充

加速您的發表時間

EndNote



CHALLENGES IN THE AGE OF INFORMATION OVERLOAD



- Who can read this all?
- Who needs to read this all?
- Is it a Numbers game?



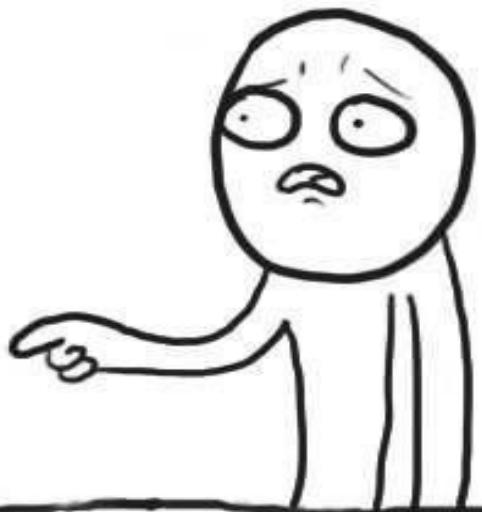
Basic Problem: Data Rich, Knowledge Poor!

I just had an awesomely awesome new research idea!

Already published in 2 conferences and a journal.

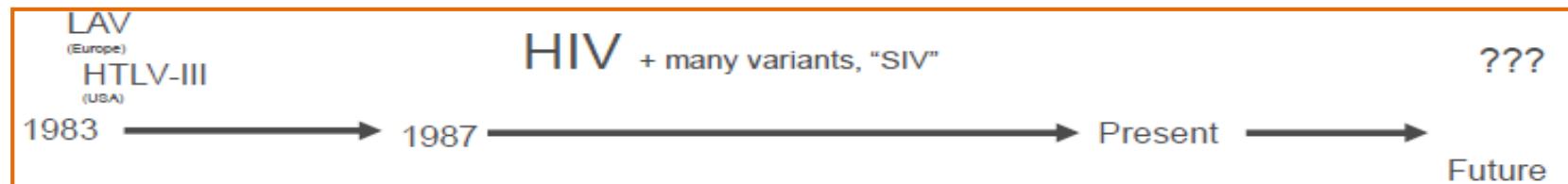


VIA 9GAG.COM



引文—對關鍵詞 “免疫”

- 科研術語和相關概念隨著科研的進展不斷地改變和發展
- 抽象的研究方法難以用關鍵字完全概括
- 引文可以跨越學科、地域、出版社的壁壘



IMPORTANCE OF THE NEF GENE FOR MAINTENANCE OF HIGH VIRUS LOADS AND FOR DEVELOPMENT OF AIDS

By: KESTLER, HW (KESTLER, HW); RINGLER, DJ (RINGLER, DJ); MORI, K (MORI, K); PANICALI, DL (PANICALI, DL); SEHGAL, PK (SEHGAL, PK); DANIEL, MD (DANIEL, MD); DESROSIERS, RC (DESROSIERS, RC)

CELL

Volume: 65 Issue: 4 Pages: 651-662

DOI: 10.1016/0092-8674(91)90097-I

Published: MAY 17 1991

[View Journal Impact](#)

Abstract

When rhesus monkeys were infected with a form of cloned SIVmac239 having a premature stop signal at the 93rd codon of nef, revertants with a coding codon at this position quickly and universally came to predominate in the infected animals. This suggests that there are strong selective forces for open functional forms of nef in vivo. Although deletion of nef sequences had no detectable effect on virus replication in cultured cells, deletion of nef sequences dramatically altered the properties of virus in infected rhesus monkeys. Our results indicate that nef is required for maintaining high virus loads during the course of persistent infection in vivo and for full pathologic potential. Thus, nef should become a target for antiviral drug development. Furthermore, the properties of virus with a deletion in nef suggest a means for making live-attenuated strains of virus for experimental vaccine testing.

Keywords

KeyWords Plus SIMIAN IMMUNODEFICIENCY VIRUS; OPEN READING FRAME; RHECUS-MONKEYS; PERSISTENT INFECTION; MUTATIONAL ANALYSIS; MACAQUE MONKEYS; HTLV-III; SOR GENE; TYPE-1; PROTEIN



解決問題



經典文獻
優先順序



掌握追蹤
最新研究進展



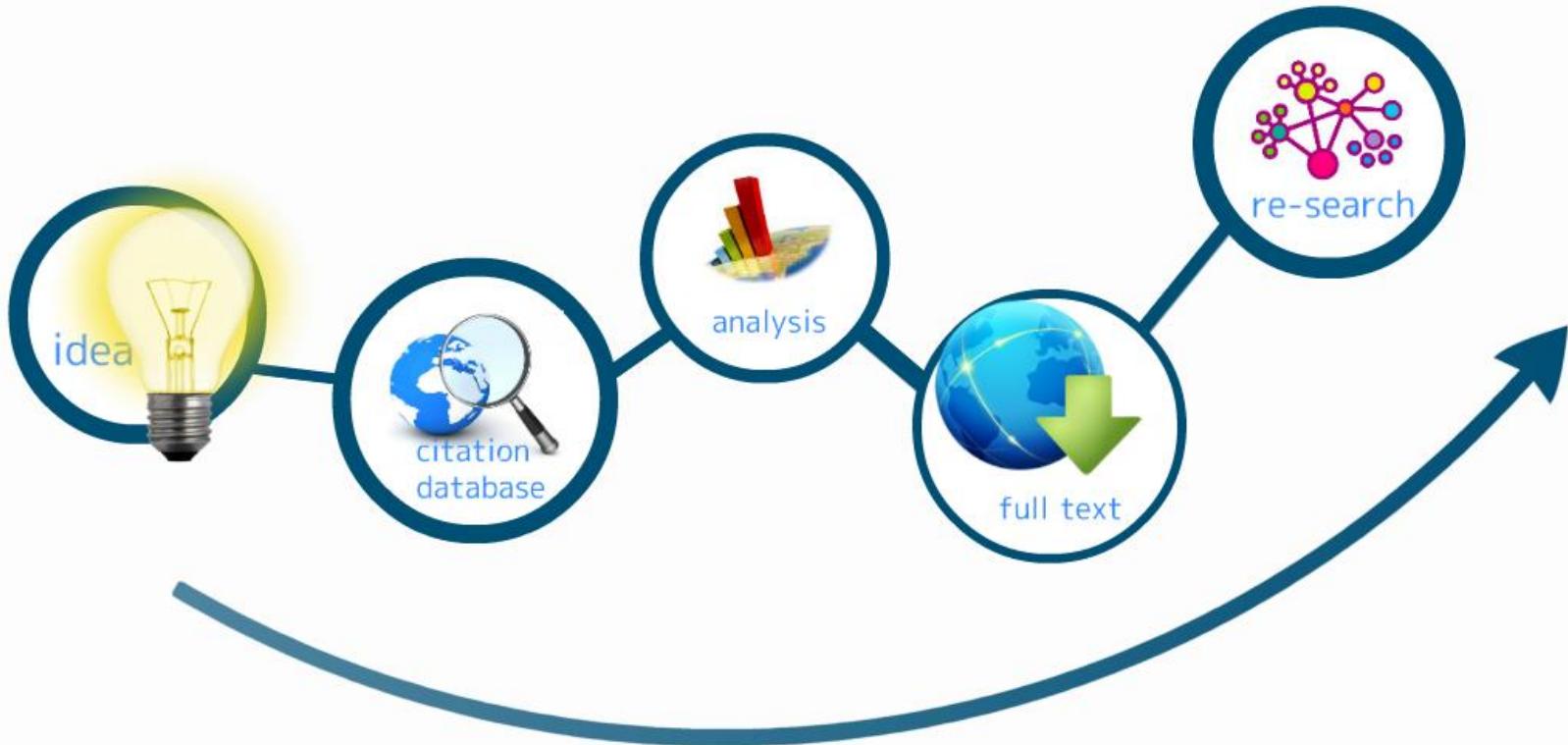
跨越領域、
國界、關鍵字



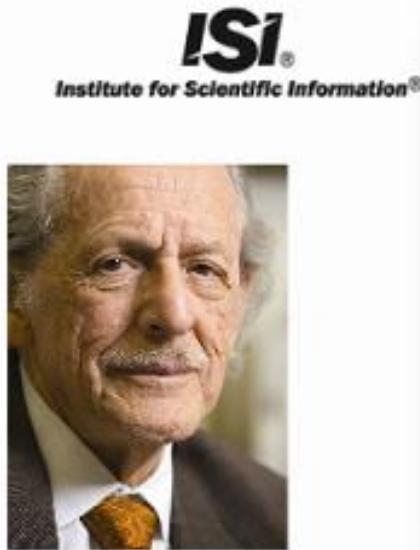
傳統方式



前瞻方式



IT ALL STARTED FROM 50's



Science, Vol:122, No:3159, p.108-111, July 15, 1955

Citation Indexes for Science:

A New Dimension in Documentation through Association of Ideas

Eugene Garfield, Ph.D.

"The uncritical citation of disputed data by a writer, whether it be deliberate or not, is a serious matter. Of course, knowingly propagandizing unsubstantiated claims is particularly abhorrent, but as many naive students may be swayed by unfounded assertions presented by a writer who is unaware of the criticisms. Buried in scholarly journals, critical notes are increasingly likely to be

西元1955年，**Dr. Garfield** 在 *Science* 發表論文，提出將引文索引作為一種新的文獻檢索與分類工具，將一篇**文獻**作為檢索欄位，以追蹤一個研究主題的發展過程。

SELECTIVITY IS A MUST

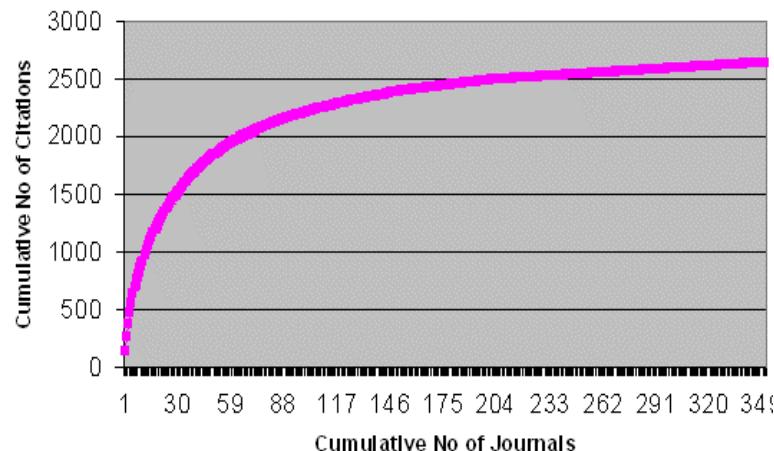
- 完善周全並不等於照單全收

- 特定學科之**重要學術成果**集中在**相對少數的**期刊當中 - 「布萊德福定律」 (Bradford's Law) → **核心期刊**
- > 2,500/yr → Clarivate Analytics
- 10-12% → Web of Science



REUTERS/ Mohsin Raza

Bardford Bibliograph

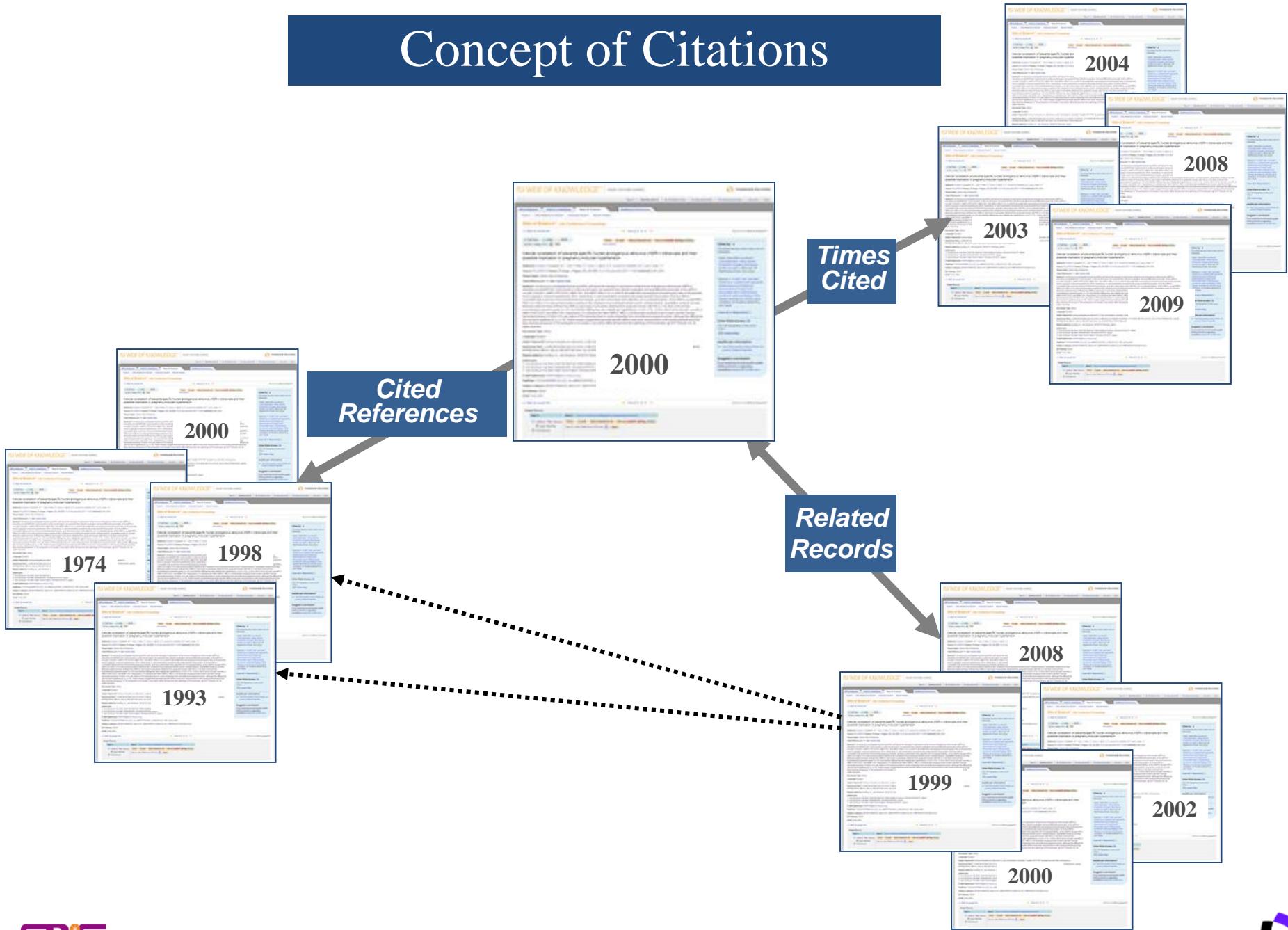


- Journal Selection Process

updated 18-07-2016

1. 基本出版標準
2. 編輯內容
3. 作者國際多元性
4. 相關引用資料

Concept of Citations



Related Record

論文A

Synthesis of Amino Acids
Synthesis and/or collection of amino acids is critical for cell survival. They not only serve as the building blocks for proteins but also as starting points for the synthesis of many important cellular molecules including vitamins and nucleotides.

論文B

Synthesis of Amino Acids
Synthesis and/or collection of amino acids is critical for cell survival. They not only serve as the building blocks for proteins but also as starting points for the synthesis of many important cellular molecules including vitamins and nucleotides.

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A

B

C

D

E

F



Web of Science 介面介紹

The screenshot displays the Web of Science search interface. At the top, there is a navigation bar with links to 'Web of Science', 'InCites', 'Journal Citation Reports', 'Essential Science Indicators', 'EndNote', and language options ('简体中文', '繁體中文', 'English'). Below the navigation bar, the main title 'Web of Science' is displayed, followed by a search bar labeled '檢索' (Search). To the left, a sidebar titled '選取資料庫' (Select Database) lists several databases: 'Web of Science 核心合輯' (highlighted with a red box), 'Biological Abstracts', 'BIOSIS Citation Index', 'BIOSIS Previews', 'CABI: CAB Abstracts® 和 Global Health®', 'Chinese Science Citation Database SM', 'Current Contents Connect', 'Data Citation Index', 'Derwent Innovations Index', 'FSTA® - 食品科學資源', 'Inspec®', and 'KCI - Korean Journal Database'. A '範例 : oil spill*' (Example: oil spill*) input field is also present. The main search area shows a search result for '油污' (Oil spill) with a red box highlighting the '深入瞭解' (Advanced Search) link. The search results are categorized under '所有資料庫' (All Databases) and '訂閱的資料庫' (Subscribed Databases). Each result includes a brief description and a '更多' (More) link. The bottom of the page features a footer with the SRS logo and a note about saving search preferences.

Web of Science

檢索

選取資料庫

Web of Science 核心合輯

深入瞭解

油污

所有資料庫

我的工具 檢索歷史

簡體中文 繁體中文 English

查看全新的引用文獻報告。

Clarivate Analytics

檢索

選取資料庫 所有資料庫 深入瞭解

訂閱的資料庫

所有資料庫

使用常見的檢索欄位組合，輕鬆地同時檢索所有訂閱的產品以獲得最完整的結果。

Web of Science 核心合輯 (1900年至今)

專取有關科學、社會科學、藝術與人文方面的世界一流學術文獻，並且檢視國際研討會、專題討論會、研討會、座談會、講座與會議等活動的論文集。
[較少]

使用參考文獻檢索與作者檢索工具進行瀏覽
使用引文鏈接建立自己的文獻關係示意圖
使用引文分析，以圖形化的方式提取引用文獻活動及趨勢
使用分析工具來識別趨勢與模式
回溯檢索最早可到 1900 年

Data Citation Index (1900年至今)
搜尋研究資料（包含來自各種國際 data repositories 的資料研究、資料集）並將這些資料與科學文獻連結，以追蹤資料引用情形。
[更多]

Derwent Innovations Index (1963年至今)
來自 Derwent World Patent Index® 的加值專利資訊，以及來自 Patents Citation Index® 的專利引用資訊。
[更多]

FSTA® - 食品科學資源 (1969年至今)
提供有關食品科學、食品技術與食品相關營養學之純粹與應用研究的完整範圍資訊。
[更多]

Inspec® (1898年至今)
有關物理、電機、電子工程、計算機、控制工程、機械工程、生產與製造工程以及資訊科技的全球期刊與論文全文的完整索引。
[更多]

KCI - Korean Journal Database (1980年至今)
可讓您存取 KCI 中涵蓋的多學科期刊所提供的文獻。KCI 是由「韓國國家研究基金會」(National Research Foundation of Korea) 管理，而且包含韓國發表的學術文獻的書目資訊。
[更多]

MEDLINE® (1950年至今)
U.S. National Library of Medicine® (NLM®) 一流生物科學資料庫。

Russian Science Citation Index (2005年至今)
在超過 500 個科學、科技、醫學和教育期刊中存取俄羅斯研究人員學術文章的書目資訊與引用文獻。由俄羅斯最大的研究資訊提供者 Scientific Electronic Library (eLIBRARY.RU) 所精進並提供最重要的出版品。
[更多]

Scielo Citation Index (1997年至今)
存取發表於來自拉丁美洲、葡萄牙、西班牙和南非一流 Open Access 期刊的科學、社會科學、藝術與人文方面的學術文獻。
[更多]

Zoological Record (1864年至今)
世界一流分類學參考文獻同時也是歷史悠久、持續成長的動物生物學資料庫。
[更多]

上次資料更新時間：2017-07-25

自動建議出版品名稱

開啟

預設要顯示的檢索欄位數

1 個欄位 (主題)

(若要永久儲存這些條件，請登入或註冊。)

基本檢索

Web of Science InCites Journal Citation Reports Essential Science Indicators EndNote

登入 說明 繁體中文

Web of Science

Clarivate Analytics

檢索

我的工具 檢索歷史 勾選的清單

選取資料庫

Web of Science 核心合輯

深入瞭解

查看全新的引用文獻報告

基本檢索

參考文獻檢索

進階檢索

+ 更多

範例 : oil spill* mediterranean

+ 新增其他欄位 | 清除所有欄位

檢索

按一下這裡以取得改善
檢索的秘訣

- 主題
- 標題
- 作者
- 作者識別碼
- 團體作者
- 編輯者
- 出版品名稱
- DOI
- 出版年份
- 地址
- 機構檢索-加強版
- 研討會
- 語言
- 文件類型
- 贊助機構
- 補助編號
- 登錄號
- PubMed ID

時間範圍

所有年份

從 1900 到 2017

▼ 更多設定



自噬細胞的相關研究

Nobel Prize in Physiology or Medicine in 2016



Yoshinori Ohsumi 大隅良典

在**釀酒酵母**中發現了**細胞自噬的關鍵基因**，此基因之研究，將有利於**帕金森症、糖尿病、癌症等多種疑難疾病的治療**

自噬過程中，癌細胞會「吃掉」自己的一些細胞組分，以使細胞安全度過惡劣的環境條件。

原圖文網址：https://www.nobelprize.org/nobel_prizes/medicine/laureates/2016/
<https://read01.com/46ddQ7.html>
<https://kknews.cc/zh-tw/science/m5veo2.html>

Web of Science™核心合輯

檢索

我的工具 ▾ 檢索歷史 勾選的清單

選取資料庫

Web of Science 核心合輯

深入瞭解



基本檢索

參考文獻檢索

進階檢索

+ 更多

yeast



主題

按一下這裡以取得改善
檢索的秘訣。

AND

autophagy



主題

檢索

+ 新增其他欄位 | 清除所有欄位

主題：yeast AND autophagy

資料庫：SCI-EXPANDED

時間範圍

 所有年份 從 1900 到 2017

▼ 更多設定

Web of Science 核心合輯:引用文獻索引

 Science Citation Index Expanded (SCI-EXPANDED) –1900年至今 Social Sciences Citation Index (SSCI) –1900年至今 Arts & Humanities Citation Index (A&HCI) –1975年至今

Results 檢索結果

結果數：2,201
(從 Web of Science 核心合庫)

您已檢索：主題: (yeast) AND 主題:
(autophagy) ...更多

建立追蹤

限縮結果

在結果內檢索...



篩選結果：

- Highly Cited in Field (55)
- Hot Papers in Field (1)

限縮

出版年份

排序依據：被引用次數 - 最高到最低

◀ 第 1 頁，共 221 頁 ▶

5K

儲存至 EndNote online

新增至勾選的清單

建立引用文獻報告

分析結果

Sort by: Times Cited -- highest to lowest
Localized in autophagosome membranes after processing

作者: Kabeya, Y; Mizushima, N; Uero, T; 等.

EMBO JOURNAL 卷: 19 期: 21 頁碼: 5720-5728 出版日期: NOV 1 2000



出版者提供的全文

檢視摘要

2. A comprehensive analysis of protein-protein interactions in *Saccharomyces cerevisiae*

作者: Uetz, P; Giot, L; Cagney, G; 等.

NATURE 卷: 403 期: 6770 頁碼: 623-627 出版日期: FEB 10 2000



出版者提供的全文

檢視摘要

3. Bcl-2 antiapoptotic proteins inhibit Beclin 1-dependent autophagy

作者: Pattingre, S; Tassa, A; Qu, XP; 等.

CELL 卷: 122 期: 6 頁碼: 927-939 出版日期: SEP 23 2005

被引用次數: 3,512
(從 Web of Science 核心合庫)

使用情況計數

被引用次數: 3,256
(從 Web of Science 核心合庫)

使用情況計數

被引用次數: 1,844
(從 Web of Science 核心合庫)

高被引論文
(Highly Cited Paper)

• 過去10年中發表的論文被引用
次數在同年同學科發表的論文中進入全球前1%



被高度引用的論文

熱門論文
(Hot Paper)

• 過去 2 年中所發表的論文，在最
近兩個月中其影響力排在某學
科前 0.1% 的論文



熱門論文





我該先讀哪些文章？

高影響力論文？

最新發表的論文？

鎖定相關領域的論文？

評論文章？

.....



Results 檢索結果

結果數：2,201
(從 Web of Science 核心合輯)

您已檢索：主題: (yeast) AND 主題: (autophagy) ...[更多](#)

[建立追蹤](#)

限縮結果

在結果內檢索... 

篩選結果：

Highly Cited in Field (55) 
 Hot Papers in Field (1) 

出版年份 ▼

Sort by: Times Cited -- highest to lowest

Publication Date -- newest to oldest
Publication Date -- oldest to newest
Recently Added
Times Cited -- highest to lowest **Times Cited -- highest to lowest**
Times Cited -- lowest to highest
Usage Count -- Last 180 days
Usage Count -- Since 2013
Relevance
First Author -- A to Z

calized in autophagosome membranes after
日期: NOV 1 2000
ctions in Saccharomyces cerevisiae
NATURE 卷: 403 期: 6770 頁碼: 623-627 出版日期: FEB 10 2000
 [出版者提供的全文](#) [檢視摘要](#)

3. **Bcl-2 antiapoptotic proteins inhibit Beclin 1-dependent autophagy**
作者: Pattingre, S; Tassa, A; Qu, XP; 等.
CELL 卷: 122 期: 6 頁碼: 927-939 出版日期: SEP 23 2005

◀ 第 1 頁，共 221 頁 ►

 [建立引用文獻報告](#)

 [分析結果](#)

被引用次數: 3,512
(從 Web of Science 核心合輯)

使用情況計數 ▾

被引用次數: 3,256
(從 Web of Science 核心合輯)

使用情況計數 ▾

被引用次數: 1,844
(從 Web of Science 核心合輯)

 27 

快速鎖定高影響力文章

Results: 2,201
(from Web of Science Core Collection)

You searched for: TOPIC: (yeast) AND TOPIC: (autophagy) ...More

Create Alert

Refine Results

Search within results for...

Sort by: Times Cited -- highest to lowest

◀ Page 1 of 221 ▶

Select Page 5K Save to EndNote online Add to Marked List

Create Citation Report

1. LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing

By: Kabeya, Y; Mizushima, N; Uero, T; et al.
EMBO JOURNAL Volume: 19 Issue: 21 Pages: 5720-5728 Published: NOV 1 2000



Full Text from Publisher

[View Abstract](#)

Times Cited: 3,512
(from Web of Science Core Collection)

Usage Count

2. A comprehensive analysis of protein-protein interactions in *Saccharomyces cerevisiae*

By: Uetz, P; Giot, L; Cagney, G; et al.
NATURE Volume: 403 Issue: 6770 Pages: 623-627 Published: FEB 10 2000



Full Text from Publisher

[View Abstract](#)

Times Cited: 3,256
(from Web of Science Core Collection)

Usage Count

3. Bcl-2 antiapoptotic proteins inhibit Beclin 1-dependent autophagy

Times Cited: 1,844
(from Web of Science Core Collection)

LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing

By: Kabeya, Y (Kabeya, Y); Mizushima, N (Mizushima, N); Uero, T (Uero, T); Yamamoto, A (Yamamoto, A); Kirisako, T (Kirisako, T); Noda, T (Noda, T); Kominami, E (Kominami, E); Ohsumi, Y (Ohsumi, Y); Yoshimori, T (Yoshimori, T)

[View ResearcherID and ORCID](#)

EMBO JOURNAL

Volume: 19 Issue: 21 Pages: 5720-5728

DOI: 10.1093/emboj/19.21.5720

Published: NOV 1 2000

[View Journal Information](#)



Refine 限縮結果

鎖定特定學科領域論文

Results: ...
(from Web of Science Core Collection)

You searched for: TOPIC: (yeast autophagy) ...More

Create Alert

Refine Results

Search within results for... 

Web of Science Categories

Document Types

ARTICLE (1,584)
REVIEW (365)
EDITORIAL MATERIAL (122)
BOOK CHAPTER (48)
PROCEEDINGS PAPER (21)
[more options / values...](#)

Refine

Web of Science Categories

Refine **Exclude** **Cancel** Sort these by: **Record Count** 

The first 100 Web of Science Categories (by record count) are shown. For advanced refine options, use  [Analyze results](#).

<input checked="" type="checkbox"/> CELL BIOLOGY (1,060)	<input type="checkbox"/> VIROLOGY (13)	<input type="checkbox"/> OPHTHALMOLOGY (3)
<input checked="" type="checkbox"/> BIOCHEMISTRY MOLECULAR BIOLOGY (874)	<input type="checkbox"/> PATHOLOGY (12)	<input type="checkbox"/> MEDICINE GENERAL INTERNAL (3)
<input checked="" type="checkbox"/> MULTIDISCIPLINARY SCIENCES (141)	<input type="checkbox"/> PHYSIOLOGY (11)	<input type="checkbox"/> PHYSICS APPLIED (2)
<input type="checkbox"/> BIOPHYSICS (123)	<input type="checkbox"/> CHEMISTRY MEDICINAL (11)	<input type="checkbox"/> OBSTETRICS GYNECOLOGY (2)
<input type="checkbox"/> MICROBIOLOGY (122)	<input type="checkbox"/> TOXICOLOGY (10)	<input type="checkbox"/> NANOSCIENCE NANOTECHNOLOGY (2)
<input type="checkbox"/> GENETICS HEREDITY (115)	<input type="checkbox"/> GASTROENTEROLOGY HEPATOLOGY (10)	<input type="checkbox"/> MARINE FRESHWATER BIOLOGY (2)
<input type="checkbox"/> BIOTECHNOLOGY APPLIED MICROBIOLOGY (92)	<input type="checkbox"/> ZOOLOGY (7)	<input type="checkbox"/> INFECTIOUS DISEASES (2)
<input type="checkbox"/> PLANT SCIENCES (63)	<input type="checkbox"/> MICROSCOPY (7)	<input type="checkbox"/> ENVIRONMENTAL SCIENCES (2)
<input type="checkbox"/> BIOCHEMICAL RESEARCH METHODS (62)	<input type="checkbox"/> CHEMISTRY MULTIDISCIPLINARY (7)	<input type="checkbox"/> CHEMISTRY ORGANIC (2)
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分析結果

建立引用文獻報告

1. Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes

作者: Klionsky, Daniel J.; Abieliovich, Hagai; Agostinis, Patrizia; 等。
AUTOPHAGY 卷: 4 期: 2 頁碼: 151-175 出版日期: FEB 16 2008



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2. Autophagy in health and disease: A double-edged sword

作者: Shintani, T; Klionsky, DJ
SCIENCE 卷: 306 期: 5698 頁碼: 990-995 出版日期: NOV 5 2004



出版者提供的全文

檢視摘要

3. Regulation Mechanisms and Signaling Pathways of Autophagy

作者: He, Congcong; Klionsky, Daniel J.
ANNUAL REVIEW OF GENETICS 書籍系列: Annual Review of Genetics 卷: 43 頁碼: 67-93 出版日期: 2009



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4. Autophagosome formation: Core machinery and adaptations

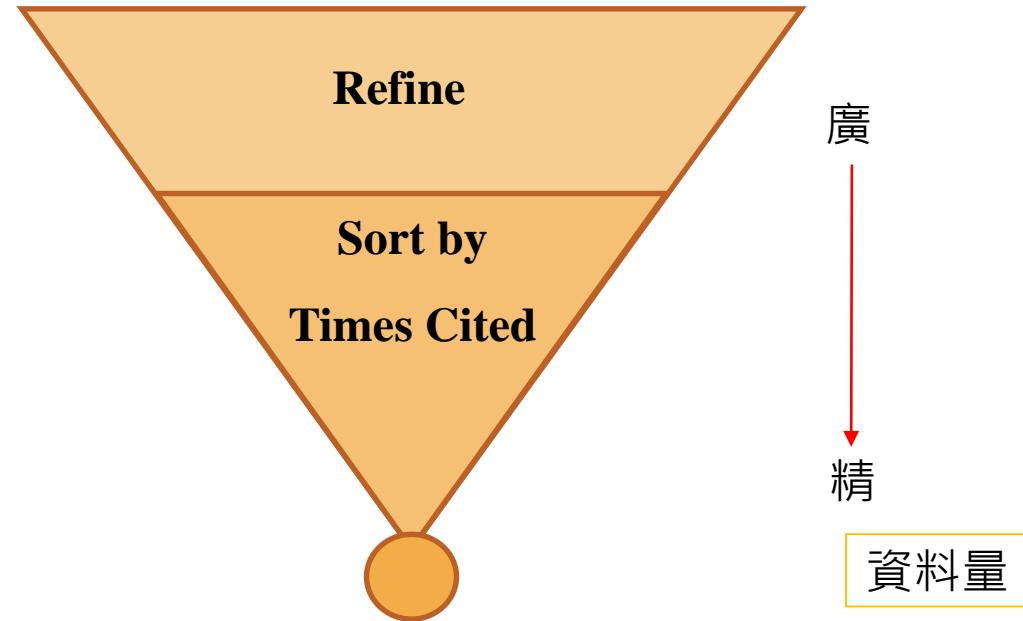
作者: Xie, Zhiping; Klionsky, Daniel J.
NATURE CELL BIOLOGY 卷: 9 期: 10 頁碼: 1102-1109 出版日期: OCT 2007



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1. **LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing**

作者: Kabeya, Y; Mizushima, N; Uero, T; 等.
EMBO JOURNAL 卷: 19 期: 21 頁碼: 5720-5728 出版日期: NOV 1 2000



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2. **A comprehensive analysis of protein-protein interactions in *Saccharomyces cerevisiae***

作者: Uetz, P; Giot, L; Cagney, G; 等.
NATURE 卷: 403 期: 6770 頁碼: 623-627 出版日期: FEB 10 2000



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使用情況計數

3. **Bcl-2 antiapoptotic proteins inhibit Beclin 1-dependent autophagy**

作者: Pattingre, S; Tassa, A; Qu, XP; 等.
CELL 卷: 122 期: 6 頁碼: 927-939 出版日期: SEP 23 2005

被引用次數: 1,844
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LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing

By: Kabeya, Y (Kabeya, Y); Mizushima, N (Mizushima, N); Uero, T (Uero, T); Kominami, E (Kominami, E); Ohsumi, Y (Ohsumi, Y); Yoshimori, T (Yoshimori, T) | View ResearcherID and ORCID

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Little is known about the protein constituents of autophagosome membranes in mammalian cells. Here we demonstrate that the rat microtubule-associated protein 1 light chain 3 (LC3), a homologue of Apg8p essential for autophagy in yeast, is associated to the autophagosome membranes after processing. Two forms of LC3, called LC3-I and -II, were produced post-translationally in various cells. LC3-I is cytosolic, whereas LC3-II is membrane bound. The autophagic vacuole fraction prepared from starved rat liver was enriched with LC3-II. Immunoelectron microscopy on LC3 revealed specific labelling of autophagosome membranes in addition to the cytoplasmic labelling. LC3-II was present both inside and outside of auto-phagosomes. Mutational analyses suggest that LC3-I is formed by the removal of the C-terminal 22 amino acids from newly synthesized LC3, followed by the conversion of a fraction of LC3-I into LC3-II. The amount of LC3-II is correlated with the extent of autophagosome formation. LC3-II is the first mammalian protein identified that specifically associates with autophagosome membranes.

Keywords

Author Keywords: APG; autophagosomes; autophagy; mammalian homologue; protein cleavage
KeyWords Plus: MICROTUBULE-ASSOCIATED PROTEINS; RAT-LIVER; ENDOPLASMIC RETICULUM; CONJUGATION SYSTEM; DEGRADATION; PURIFICATION; MECHANISMS; LEUPEPTIN; INDUCTION; VACUOLES

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HISTOCHEMICAL JOURNAL Volume: 29 Issue: 5 Pages: 365-385 Published: MAY 1997



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2. **HUMAN RIBOPHORINS-I AND RIBOPHORINS-II - THE PRIMARY STRUCTURE AND MEMBRANE TOPOLOGY OF 2 HIGHLY CONSERVED ROUGH ENDOPLASMIC RETICULUM-SPECIFIC GLYCOPROTEINS**

By: CRIMAUDET, C; HORTSCH, M; GAUSEPOHL, H; et al.
EMBO JOURNAL Volume: 6 Issue: 1 Pages: 75-82 Published: JAN 1987



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3. **Autophagy and related mechanisms of lysosome-mediated protein degradation** ([View record in BIOSIS Citation Index](#))

By: Dunn, William A. Jr.
Trends in Cell Biology Volume: 4 Issue: 4 Pages: 139-143 Published: 1994

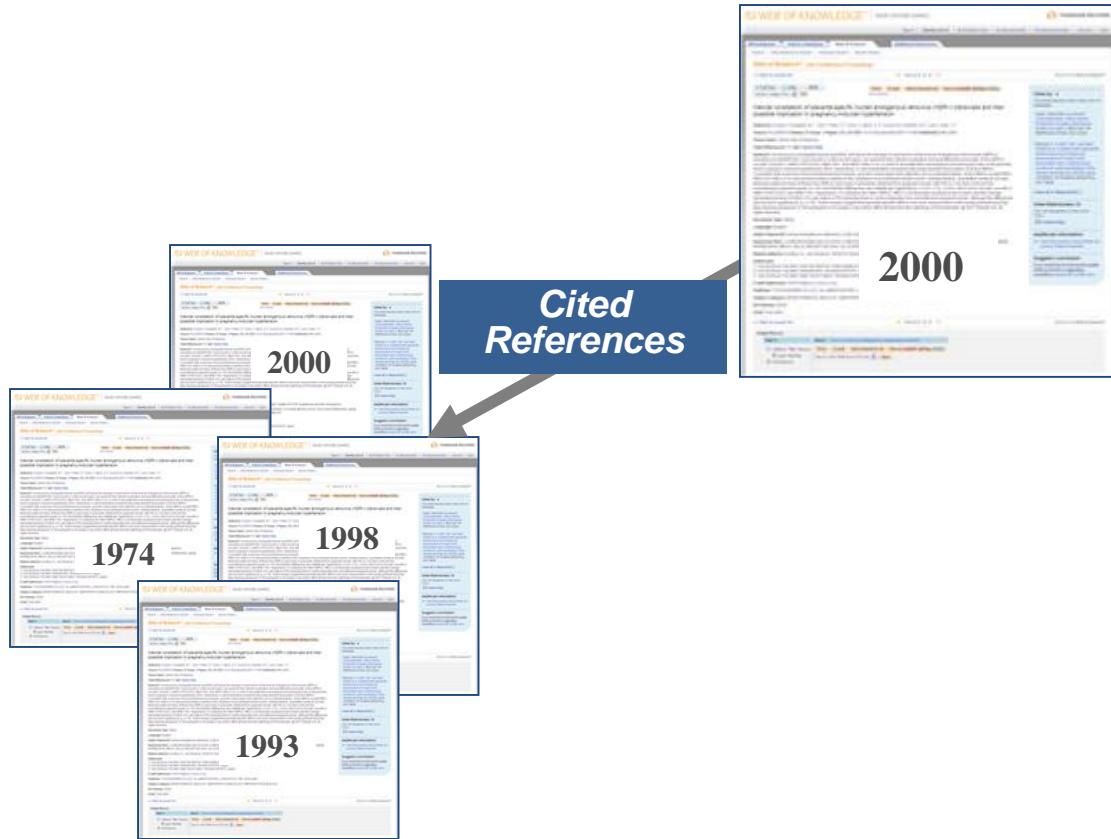


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By: Kabeya, Y (Kabeya, Y); Mizushima, N (Mizushima, N); Uero, T (Uero, T); Yamamoto, E (Yamamoto, E); Ohsumi, Y (Ohsumi, Y); Yoshimori, T (Yoshimori, T)
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Little is known about the protein constituents of autophagosome membranes in mammalian cells. Here we demonstrate that the rat microtubule-associated protein 1 light chain 3 (LC3), a homologue of Apg8p essential for autophagy in yeast, is associated to the autophagosome membranes after processing. Two forms of LC3, called LC3-I and -II, were produced post-translationally in various cells. LC3-I is cytosolic, whereas LC3-II is membrane bound. The autophagic vacuole fraction prepared from starved rat liver was enriched with LC3-II. Immunoelectron microscopy on LC3 revealed specific labelling of autophagosome membranes in addition to the cytoplasmic labelling. LC3-II was present both inside and outside of auto-phagosomes. Mutational analyses suggest that LC3-I is formed by the removal of the C-terminal 22 amino acids from newly synthesized LC3, followed by the conversion of a fraction of LC3-I into LC3-II. The amount of LC3-II is correlated with the extent of autophagosome formation. LC3-II is the first mammalian protein identified that specifically associates with autophagosome membranes.

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<p>2. Cell biology - Autophagy as a regulated pathway of cellular degradation By: Klionsky, DJ; Emr, SD SCIENCE Volume: 290 Issue: 5497 Pages: 1717-1721 Published: DEC 1 2000  Full Text from Publisher View Abstract</p>					
<p>3. Suppression of basal autophagy in neural cells causes neurodegenerative disease in mice By: Hara, T; Nakamura, K; Matsui, M; et al. NATURE Volume: 441 Issue: 7095 Pages: 885-889 Published: JUN 15 2006  Full Text from Publisher View Abstract</p>					
<p>4. Guidelines for the use and interpretation of assays for monitoring autophagy By: Klionsky, Daniel J.; Abdalla, Fabio C.; Abieliovich, Hagai; et al. AUTOPHAGY Volume: 8 Issue: 4 Pages: 445-544 Published: APR 2012  Full Text from Publisher View Abstract</p>					
<p>5. Loss of autophagy in the central nervous system causes neurodegeneration in mice By: Komatsu, M; Waguri, S; Chiba, T; et al. NATURE Volume: 441 Issue: 7095 Pages: 880-884 Published: JUN 15 2006  Full Text from Publisher View Abstract</p>					
<p>6. p62/SQSTM1 binds directly to Atg8/LC3 to facilitate degradation of ubiquitinated protein aggregates by autophagy By: Pankiv, Serhiy; Clausen, Terje Hoyvarden; Lamark, Trond; et al. JOURNAL OF BIOLOGICAL CHEMISTRY Volume: 282 Issue: 33 Pages: 24131-24145 Published: AUG 17 2007  Full Text from Publisher View Abstract</p>					
<p>7. Methods in Mammalian Autophagy Research By: Mizushima, Noboru; Yoshimori, Tamotsu; Levine, Beth CELL Volume: 140 Issue: 3 Pages: 313-326 Published: FEB 5 2010  Full Text from Publisher</p>					

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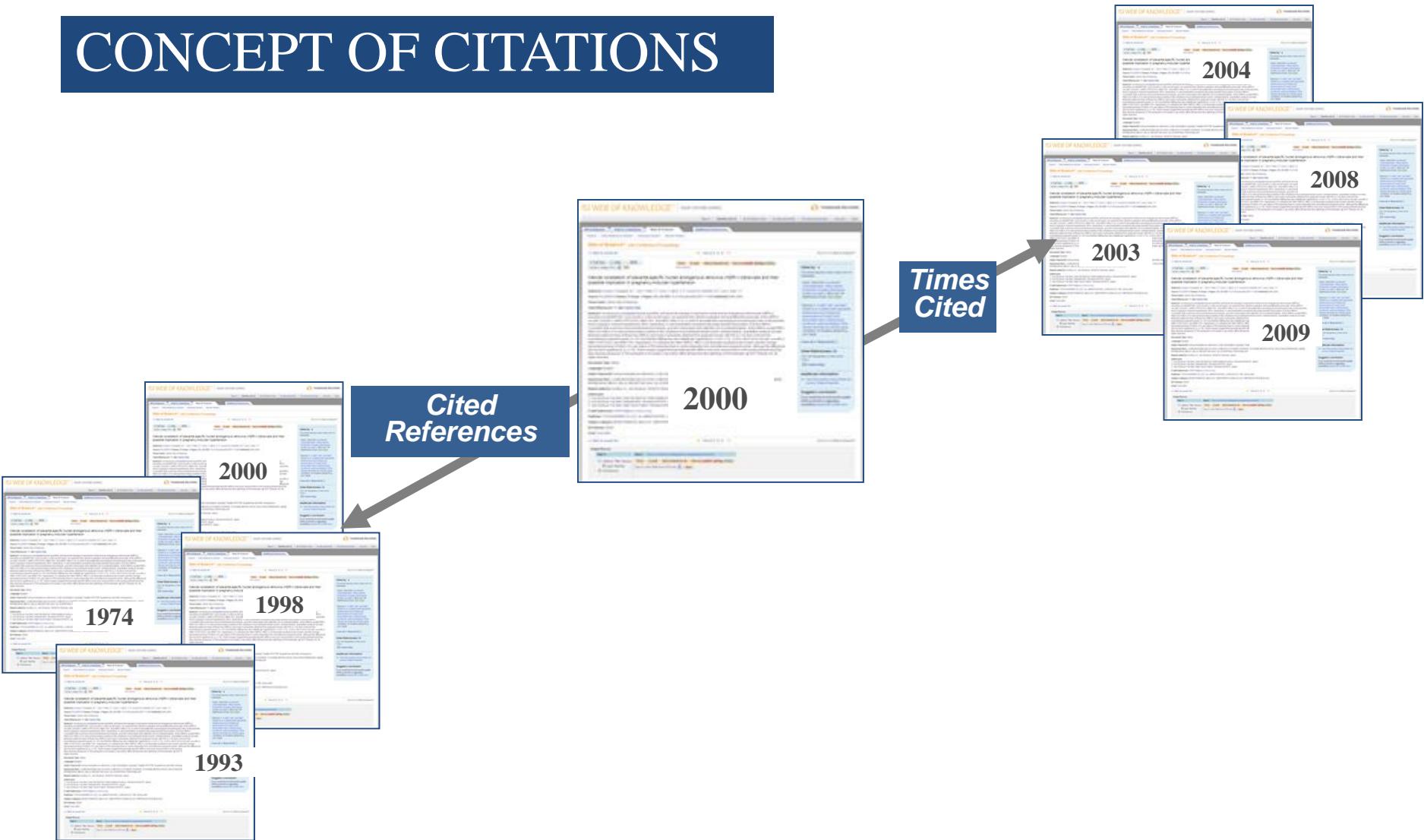
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By: Kabeya, Y (Kabeya, Y); Mizushima, N (Mizushima, N); Uero, T (Uero, T); Yamamoto, A (Yamamoto, A); Kirisako, T (Kirisako, T); Noda, T (Noda, T); Kominami, E (Kominami, E); Ohsumi, Y (Ohsumi, Y); Yoshimori, T (Yoshimori, T)

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Little is known about the protein constituents of autophagosome membranes in mammalian cells. Here we demonstrate that the rat microtubule-associated protein 1 light chain 3 (LC3), a homologue of Apg8p essential for autophagy in yeast, is associated to the autophagosome membranes after processing. Two forms of LC3, called LC3-I and -II, were produced post-translationally in various cells. LC3-I is cytosolic, whereas LC3-II is membrane bound. The autophagic vacuole fraction prepared from starved rat liver was enriched with LC3-II. Immunoelectron microscopy on LC3 revealed specific labelling of autophagosome membranes in addition to the cytoplasmic labelling. LC3-II was present both inside and outside of auto-phagosomes. Mutational analyses suggest that LC3-I is formed by the removal of the C-terminal 22 amino acids from newly synthesized LC3, followed by the conversion of a fraction of LC3-I into LC3-II. The amount of LC3-II is correlated with the extent of autophagosome formation. LC3-II is the first mammalian protein identified that specifically associates with autophagosome membranes.

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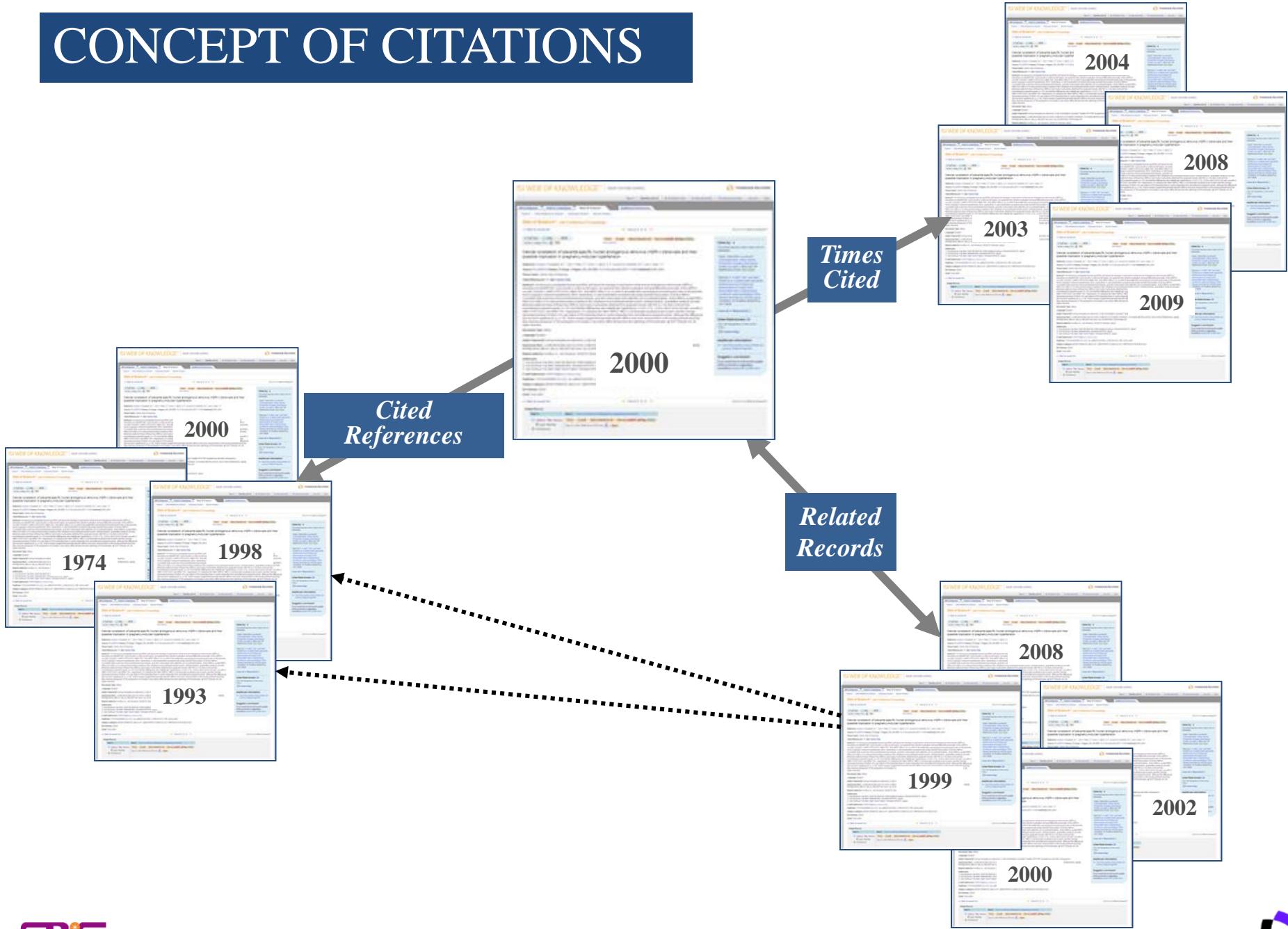
1. Autophagosome formation in mammalian cells
By: Mizushima, N; Ohsumi, Y; Yoshimori, T
CELL STRUCTURE AND FUNCTION Volume: 27 Issue: 6 Pages: 421-429 Published: DEC 2002
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2. Autophagy, cytoplasm-to-vacuole targeting pathway, and pexophagy in yeast and mammalian cells
By: Kim, J; Klionsky, DJ
ANNUAL REVIEW OF BIOCHEMISTRY Volume: 69 Pages: 303-342 Published: 2000
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3. Role of the Apg12 conjugation system in mammalian autophagy
By: Mizushima, N; Yoshimori, T; Ohsumi, Y
INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY Volume: 35 Issue: 5 Pages: 553-561 Article Number: PII S1357-2725(02)00343-6 Published: MAY 2003
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LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing

By: Kabeya, Y (Kabeya, Y); Mizushima, N (Mizushima, N); Uero, T (Uero, T); Yamamoto, A (Yamamoto, A); Kirisako, T (Kirisako, T); Noda, T (Noda, T); Kominami, E (Kominami, E); Ohsumi, Y (Ohsumi, Y); Yoshimori, T (Yoshimori, T)

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Keywords

Author Keywords: APG; autophagosomes; autophagy; mammalian homologue; protein cleavage

KeyWords Plus: MICROTUBULE-ASSOCIATED PROTEINS; RAT-LIVER; ENDOPLASMIC-RETICULUM; CONJUGATION SYSTEM; DEGRADATION; PURIFICATION; MECHANISMS; LEUPEPTIN; INDUCTION; VACUOLES

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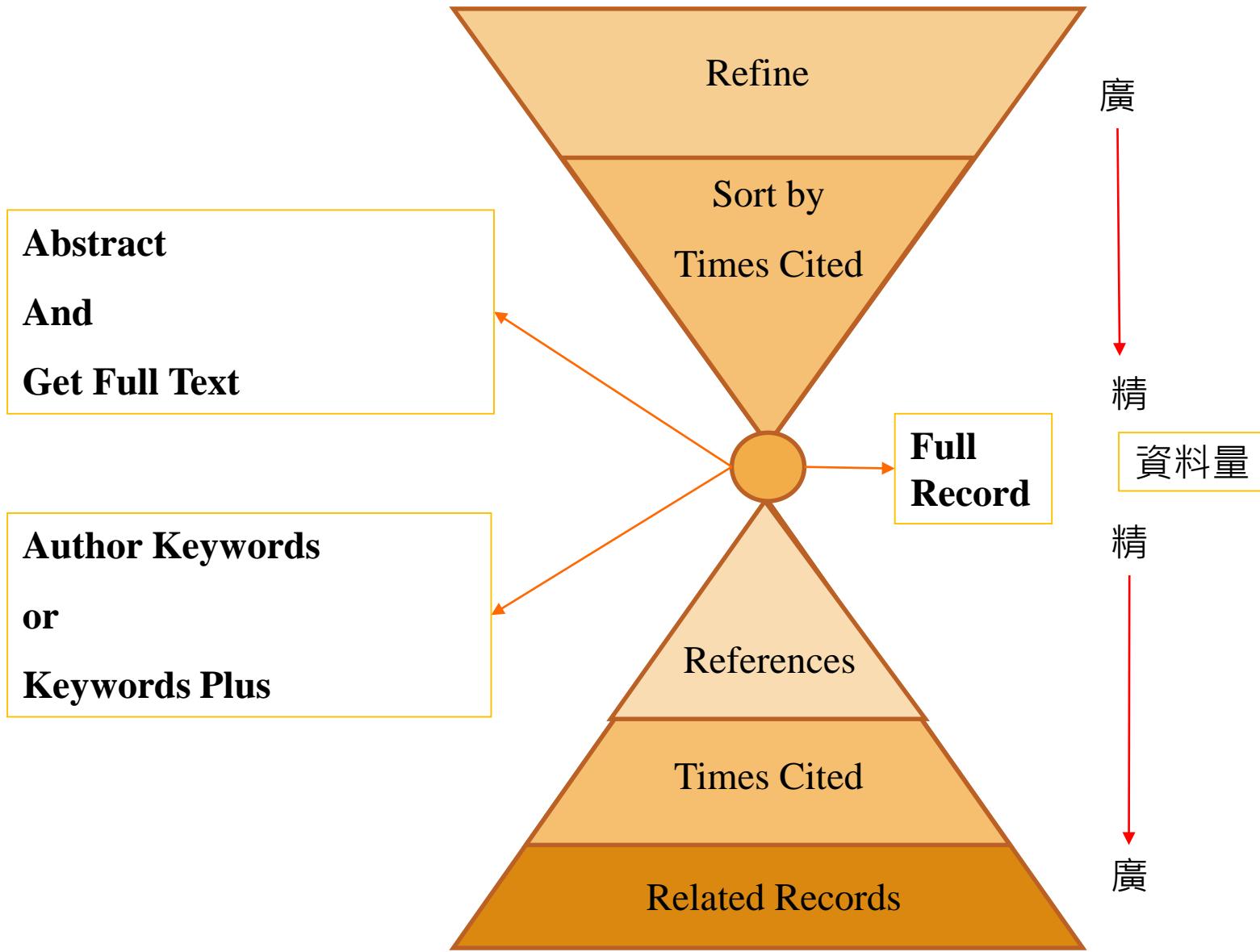
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輸入該文獻的發表/公佈年份

Cited Volume

Cited Issue

Cited Pages

Cited Title



Cited Reference Search

Find the articles that cite a person's work.

Step 2: Select cited references and click "Finish Search."

Hint: Look for cited reference variants (sometimes different pages of the same article are cited or papers are cited incorrectly).

CITED REFERENCE INDEX

References: 1 - 50 of 14,170

◀ Page 1 of 284 ▶

<input type="button" value="Select Page"/> <input type="button" value="Select All*"/> <input type="button" value="Clear All"/> <input type="button" value="Finish Search"/>										
Select	Cited Author	Cited Work [SHOW EXPANDED TITLES]	Year	Volume	Issue	Page	Identifier	Citing Articles **	View Record	
<input type="checkbox"/>	Aaasen, T + [Show all authors]	NAT BIOTECHNOL	2008	26		1276		1		
<input type="checkbox"/>	Aalberse, Rob C.	NAT BIOTECHNOL	2008	26	10	1070	10.1038/nbt1008-1070	1	View Record in Web of Science Core Collection	

Allergenicity testing of GM crops

By: Aalberse, RC (Aalberse, Rob C.)

NATURE BIOTECHNOLOGY

Volume: 26 Issue: 10 Pages: 1070-1071

DOI: 10.1038/nbt1008-1070

Published: OCT 2008

[View Journal Impact](#)

Author Information

Reprint Address: Aalberse, RC (reprint author)

+ Univ Amsterdam, Dept Immunopathol, Sanquin Res CLB, Plesmanlaan 125, NL-1066 CX Amsterdam, Netherlands.

Addresses:

[1] Univ Amsterdam, Dept Immunopathol, Sanquin Res CLB, NL-1066 CX Amsterdam, Netherlands

E-mail Addresses: r.aalberse@sanquin.nl

Citation Network

1 Times Cited

2 Cited References

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 [Create Citation Alert](#)

(data from Web of Science Core Collection)

All Times Cited Counts

1 in All Databases

1 in Web of Science Core Collection

1 in BIOSIS Citation Index

0 in Chinese Science Citation Database



作者檢索

中央研究院
生物多樣性研究中心
Biodiversity Research Center, Academia Sinica



關於中心 研究 中心人員 研究博物館 核心設施 國際研究生 行政事務

彭鏡毅 研究員

回研究人員

Dr. Ching-I Peng

[email] Research Fellow
PhD – Washington University, St. Louis, USA, 1982

tel: +886-2-2787-2228

Research Fields

Plant taxonomy and biosystematics

Major Research Achievements (2013-2017)

- Taxonomy. Published a distinct new species, *Senecio kuanshanensis* (Asteraceae), and a new distributional record, *Oreorchis indica* (Orchidaceae), collected from the highland in Central Mountain Range of Taiwan. The latter was previously considered as belonging to the monotypic genus *Kitigorchis* that was endemic to central Japan. Provided a synoptical account of



作者檢索

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1

2

3

Enter Author Name

Select Research Domain

Select Organization

Last Name / Family Name (Required)

Example: Smith

Initial(s) (Up to 4 allowed)

Example: CE

Exact Matches Only 

[+ Add Author Name Variant](#) | [Reset Form](#)

[Select Research Domain ►](#)

[Finish Search](#)

作者檢索

Enter Author Name Select Research Domain Select Organization

Last Name / Family Name (Required) Initial(s) (Up to 4 allowed)

PENG CI

Exact Matches Only [?](#)

Enter Author Name Select Research Domain Select Organization

Current selection(s): Peng CI* (162)

[◀ Previous](#)

Select the research domains associated with the author (optional)

Research Domain	Record Count
<input type="checkbox"/> All Research Domains	162
<input checked="" type="checkbox"/> LIFE SCIENCES BIOMEDICINE	153
<input type="checkbox"/> PHYSICAL SCIENCES	4
<input type="checkbox"/> SOCIAL SCIENCES	1
<input type="checkbox"/> TECHNOLOGY	4

[◀ Previous](#)

Enter Author Name Select Research Domain Select Organization

Current selection(s): Peng CI* (162)

[◀ Previous](#)

Select the organizations associated with the author (optional)

Move to: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0-9

Organization Name Abbreviation	Record Count
<input type="checkbox"/> ACAD SIN	1
<input checked="" type="checkbox"/> ACADEMIA SINICA TAIWAN	138
<input type="checkbox"/> BEIJING KEY LAB TOXICOL RES RISK ASSESSMENT FOO	1
<input type="checkbox"/> CALIFORNIA STATE UNIVERSITY SYSTEM	1
<input type="checkbox"/> CALIFORNIA UNIVERSITY OF PENNSYLVANIA	1
<input type="checkbox"/> CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	2





介面說明/基本檢索/參考文獻檢索



引文報告



全文閱覽/相關性



個人化功能

分析結果

欄位分析

Results: 2,093
(from Web of Science Core Collection)

You searched for: TOPIC: (yeast a utophagy) ...More

Create Alert

Refine Results

Search within results for...



Web of Science Categories

- CELL BIOLOGY (1,060)
- BIOCHEMISTRY MOLECULAR BIOLOGY (674)
- MULTIDISCIPLINARY SCIENCES (141)
- BIOPHYSICS (123)
- MICROBIOLOGY (122)

more options / values...

Refine

Document Types

- ARTICLE (1,584)

Sort by: Publication Date -- newest to oldest

◀ Page 1 of 210

Select Page Add to Marked List

Analyze Results

Create Citation Report

1. Cleaning House: Selective Autophagy of Organelles

By: Anding, Allyson L.; Baehrecke, Eric H.
DEVELOPMENTAL CELL Volume: 41 Issue: 1 Pages: 10-22 Published: APR 10 2017



Full Text from Publisher

View Abstract

Times Cited: 0
(from Web of Science Core Collection)

Usage Count

2. Formation of a Snf1-Mec1-Atg1 Module on Mitochondria Governs Energy Deprivation-Induced Autophagy by Regulating Mitochondrial Respiration

By: Yi, Cong; Tong, Jingjing; Lu, Puzhong; et al.
DEVELOPMENTAL CELL Volume: 41 Issue: 1 Pages: 59-- Published: APR 10 2017



Full Text from Publisher

View Abstract

Times Cited: 0
(from Web of Science Core Collection)

Usage Count

3. Spodoptera litura autophagy-related protein 1 interacts with autophagy-related protein 5 and enhances its degradation

By: Zhang, N.; Yang, Y.; Lu, H.; et al.
INSECT MOLECULAR BIOLOGY Volume: 26 Issue: 2 Pages: 190-203 Published: APR 2017



Full Text from Publisher

View Abstract

Times Cited: 0
(from Web of Science Core Collection)

Usage Count

4. Mitochondrial depolarization in yeast zygotes inhibits clonal expansion of selfish mtDNA

By: Karavaeva, Iuliia E.; Golyshev, Sergey A.; Smirnova, Ekaterina A.; et al.
JOURNAL OF CELL SCIENCE Volume: 130 Issue: 7 Pages: 1274-1284 Published: APR 1 2017



Full Text from Publisher

View Abstract

Times Cited: 0
(from Web of Science Core Collection)

Usage Count



分析結果

作者發文分析

2,093筆記錄。 主題: (yeast) AND 主題: (autophagy)

依此欄位將記錄分級:	設定顯示選項:	排序依據:
<input checked="" type="checkbox"/> 作者 書籍系列標題 研討會標題 國家/地區	顯示前 <input type="text" value="10"/> 個結果。 記錄數下限 (臨界值) <input type="text" value="2"/>	<input checked="" type="radio"/> 記錄數 <input type="radio"/> 所選欄位

分析

使用下方核取方塊來檢視記錄。您可以選擇檢視這些所選記錄，或者加以排除 (然後檢視其餘記錄)。

		欄位: 作者	記錄數	佔 2093 筆的 %	長條圖	儲存分析資料至檔案
		檢視記錄		排除記錄		<input checked="" type="radio"/> 表格中顯示的資料列數 <input type="radio"/> 所有資料列 (最多 200,000 筆)
<input checked="" type="checkbox"/>	KLIONSKY DJ	204	9.747 %			
<input type="checkbox"/>	OHSUMI Y	162	7.740 %			
<input type="checkbox"/>	MIZUSHIMA N	67	3.201 %			
<input type="checkbox"/>	NODA T	44	2.102 %			
<input type="checkbox"/>	REGGIORI F	42	2.007 %			
<input type="checkbox"/>	YOSHIMORI T	39	1.863 %			
<input type="checkbox"/>	NODA NN	35	1.672 %			
<input type="checkbox"/>	THUMM M	35	1.672 %			
<input type="checkbox"/>	VAN DER KLEI IJ	33	1.577 %			
<input type="checkbox"/>	VEENHUIS M	32	1.529 %			

(1,784 個作者值超出顯示選項。)



分析結果

國家地區分析

2,093筆記錄。 主題: (yeast) AND 主題: (autophagy)

依此欄位將記錄分級:		設定顯示選項:		排序依據:
<input checked="" type="checkbox"/> 國家/地區		顯示前 <input type="text" value="10"/> 個結果。		<input checked="" type="radio"/> 記錄數 <input type="radio"/> 所選欄位
<input type="checkbox"/> 文件類型 <input type="checkbox"/> 編輯者 <input type="checkbox"/> 贊助機構		記錄數下限 (臨界值) <input type="text" value="2"/>		
<input type="button" value="分析"/>				
使用下方核取方塊來檢視記錄。您可以選擇檢視這些所選記錄，或者加以排除 (然後檢視其餘記錄)。				
<input type="checkbox"/> 檢視記錄 <input checked="" type="checkbox"/> 排除記錄	欄位: 國家/地區	記錄數	佔 2093 筆的 %	長條圖
<input type="checkbox"/>	USA	819	39.130 %	
<input type="checkbox"/>	JAPAN	459	21.930 %	
<input type="checkbox"/>	PEOPLES R CHINA	179	8.552 %	
<input type="checkbox"/>	GERMANY	174	8.313 %	
<input type="checkbox"/>	FRANCE	147	7.023 %	
<input type="checkbox"/>	ENGLAND	115	5.495 %	
<input type="checkbox"/>	NETHERLANDS	96	4.587 %	
<input type="checkbox"/>	SPAIN	71	3.392 %	
<input type="checkbox"/>	CANADA	65	3.106 %	
<input type="checkbox"/>	AUSTRIA	57	2.723 %	
<input type="checkbox"/> 檢視記錄 <input checked="" type="checkbox"/> 排除記錄	欄位: 國家/地區	記錄數	佔 2093 筆的 %	長條圖
(40 個國家/地區值超出顯示選項。) (在分析的欄位中，有 4 筆記錄(0.191%) 不包含資料。)				



分析結果

贊助機構分析

2,093筆記錄。 主題: (yeast) AND 主題: (autophagy)

依此欄位將記錄分級:

設定顯示選項:

排序依據:

贊助機構

補助編號

團體作者

語言

顯示前 10 個結果。

記錄數下限 (臨界值)

記錄數

所選欄位

分析

使用下方核取方塊來檢視記錄。您可以選擇檢視這些所選記錄，或者加以排除 (然後檢視其餘記錄)。

檢視記錄

排除記錄

欄位: 贊助機構

記錄數

佔 2093 筆的 %

長條圖

NIGMS NIH HHS

155

7.406 %



NATIONAL INSTITUTES OF HEALTH

132

6.307 %



NIH

108

5.160 %



NATIONAL NATURAL SCIENCE FOUNDATION OF CHINA

83

3.966 %



MINISTRY OF EDUCATION CULTURE SPORTS SCIENCE AND TECHNOLOGY OF JAPAN

62

2.962 %



NCI NIH HHS

44

2.102 %



WELLCOME TRUST

37

1.768 %



DEUTSCHE FORSCHUNGSGEMEINSCHAFT

34

1.624 %



JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE

26

1.242 %



NIDDK NIH HHS

25

1.194 %



欄位: 贊助機構

記錄數

佔 2093 筆的 %

長條圖

(417 個贊助機構值超出顯示選項。)

(在分析的欄位中，有 642 筆記錄(30.674%) 不包含資料。)



分析結果

發文機構分析

2,093筆記錄。 主題: (yeast) AND 主題: (autophagy)

依此欄位將記錄分級:

機構
機構檢索-加強版
出版年份
研究領域

設定顯示選項:

顯示前 10 個結果。

記錄數下限 (臨界值) 2

排序依據:

記錄數
 所選欄位

分析

使用下方核取方塊來檢視記錄。您可以選擇檢視這些所選記錄，或者加以排除 (然後檢視其餘記錄)。

檢視記錄

排除記錄

	欄位: 機構	記錄數	佔 2093 筆的 %	長條圖	儲存分析資料至檔案
<input type="checkbox"/>	UNIV MICHIGAN	201	9.603 %		<input checked="" type="radio"/> 表格中顯示的資料列數
<input type="checkbox"/>	NATL INST BASIC BIOL	117	5.590 %		<input type="radio"/> 所有資料列 (最多 200,000 筆)
<input type="checkbox"/>	TOKYO INST TECHNOL	57	2.723 %		
<input type="checkbox"/>	UNIV GRONINGEN	52	2.484 %		
<input type="checkbox"/>	UNIV TOKYO	52	2.484 %		
<input type="checkbox"/>	OSAKA UNIV	50	2.389 %		
<input type="checkbox"/>	KYOTO UNIV	47	2.246 %		
<input type="checkbox"/>	UNIV CALIF SAN DIEGO	46	2.198 %		
<input type="checkbox"/>	JAPAN SCI TECHNOL AGCY	45	2.150 %		
<input type="checkbox"/>	INSERM	44	2.102 %		

檢視記錄

排除記錄

	欄位: 機構	記錄數	佔 2093 筆的 %	長條圖	儲存分析資料至檔案
<input type="checkbox"/>	(688 個機構值超出顯示選項。)				<input type="radio"/> 表格中顯示的資料列數
	(在分析的欄位中，有 4 筆記錄(0.191%) 不包含資料。)				<input type="radio"/> 所有資料列 (最多 200,000 筆)



分析結果

研究領域分析

依此欄位將記錄分級:

出版年份
研究領域
來源出版品標題
Web of Science 領域

設定顯示選項:

顯示前 10 個結果
記錄數下限 (臨界值) 2

排序依據:

記錄數
 所選欄位

分析

使用下方核取方塊來檢視記錄。您可以選擇檢視這些所選記錄，或者加以排除 (然後檢視其餘記錄)。

欄位: 研究領域		記錄數	佔 2093 筆的 %	長條圖
<input type="checkbox"/>	CELL BIOLOGY	1060	50.645 %	
<input type="checkbox"/>	BIOCHEMISTRY MOLECULAR BIOLOGY	694	33.158 %	
<input type="checkbox"/>	SCIENCE TECHNOLOGY OTHER TOPICS	143	6.832 %	
<input type="checkbox"/>	BIOPHYSICS	123	5.877 %	
<input type="checkbox"/>	MICROBIOLOGY	122	5.829 %	
<input type="checkbox"/>	GENETICS HEREDITY	115	5.495 %	
<input type="checkbox"/>	BIOTECHNOLOGY APPLIED MICROBIOLOGY	92	4.396 %	
<input type="checkbox"/>	PLANT SCIENCES	63	3.010 %	
<input type="checkbox"/>	MYCOLOGY	55	2.628 %	
<input type="checkbox"/>	ONCOLOGY	52	2.484 %	

檢視記錄
排除記錄

欄位: 研究領域 記錄數 佔 2093 筆的 % 長條圖

(36 個研究領域值超出顯示選項。)



分析結果

來源出版品分析

依此欄位將記錄分級:

出版年份
研究領域
來源出版品標題
Web of Science 領域

設定顯示選項:

顯示前 **10** 個結果。
記錄數下限 (臨界值) **2**

排序依據:

記錄數
 所選欄位

分析

使用下方核取方塊來檢視記錄。您可以選擇檢視這些所選記錄，或者加以排除 (然後檢視其餘記錄)。

		欄位: 來源出版品標題	記錄數	佔 2093 筆的 %	長條圖
<input type="checkbox"/>	AUTOPHAGY	325	15.528 %		
<input type="checkbox"/>	JOURNAL OF BIOLOGICAL CHEMISTRY	134	6.402 %		
<input type="checkbox"/>	MOLECULAR BIOLOGY OF THE CELL	80	3.822 %		
<input type="checkbox"/>	PLOS ONE	62	2.962 %		
<input type="checkbox"/>	JOURNAL OF CELL BIOLOGY	58	2.771 %		
<input type="checkbox"/>	FEBS LETTERS	51	2.437 %		
<input type="checkbox"/>	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	38	1.816 %		
<input type="checkbox"/>	JOURNAL OF CELL SCIENCE	37	1.768 %		
<input type="checkbox"/>	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	36	1.720 %		
<input type="checkbox"/>	EMBO JOURNAL	31	1.481 %		

欄位: 來源出版品標題

記錄數 佔 **2093** 筆的 % 長條圖

(197 個來源出版品標題值超出顯示選項。)



建立引用文獻報告

Web of Science

Clarivate Analytics

Search My Tools Search History Marked List

Results: 2,204 (from Web of Science Core Collection)

You searched for: TOPIC: (yeast) AND TOPIC: (autophagy) ...More

Create Alert

Refine Results

Search within results for...

Filter results by:

- Highly Cited in Field (55)
- Hot Papers in Field (1)

Refine

Publication Years ▾

2015 (227)

Sort by: Times Cited -- highest to lowest

Page 1 of 221

Select Page 5K Save to EndNote online Add to <10,000 Create Citation Report

1. LC3, a mammalian homologue of yeast Apg8p, is localized in autophosome membranes after processing
By: Kabeya, Y; Mizushima, N; Uero, T; et al.
EMBO JOURNAL Volume: 19 Issue: 21 Pages: 5720-5728 Published: NOV 1 2000
 Full Text from Publisher View Abstract

2. A comprehensive analysis of protein-protein interactions in *Saccharomyces cerevisiae*
By: Uetz, P; Giot, L; Cagney, G; et al.
NATURE Volume: 403 Issue: 6770 Pages: 623-627 Published: FEB 10 2000
 Full Text from Publisher View Abstract

3. Bcl-2 antiapoptotic proteins inhibit Beclin 1-dependent autophagy
By: Pattingre, S; Tassa, A; Qu, XP; et al.
CELL Volume: 122 Issue: 6 Pages: 927-939 Published: SEP 23 2005
 Full Text from Publisher View Abstract

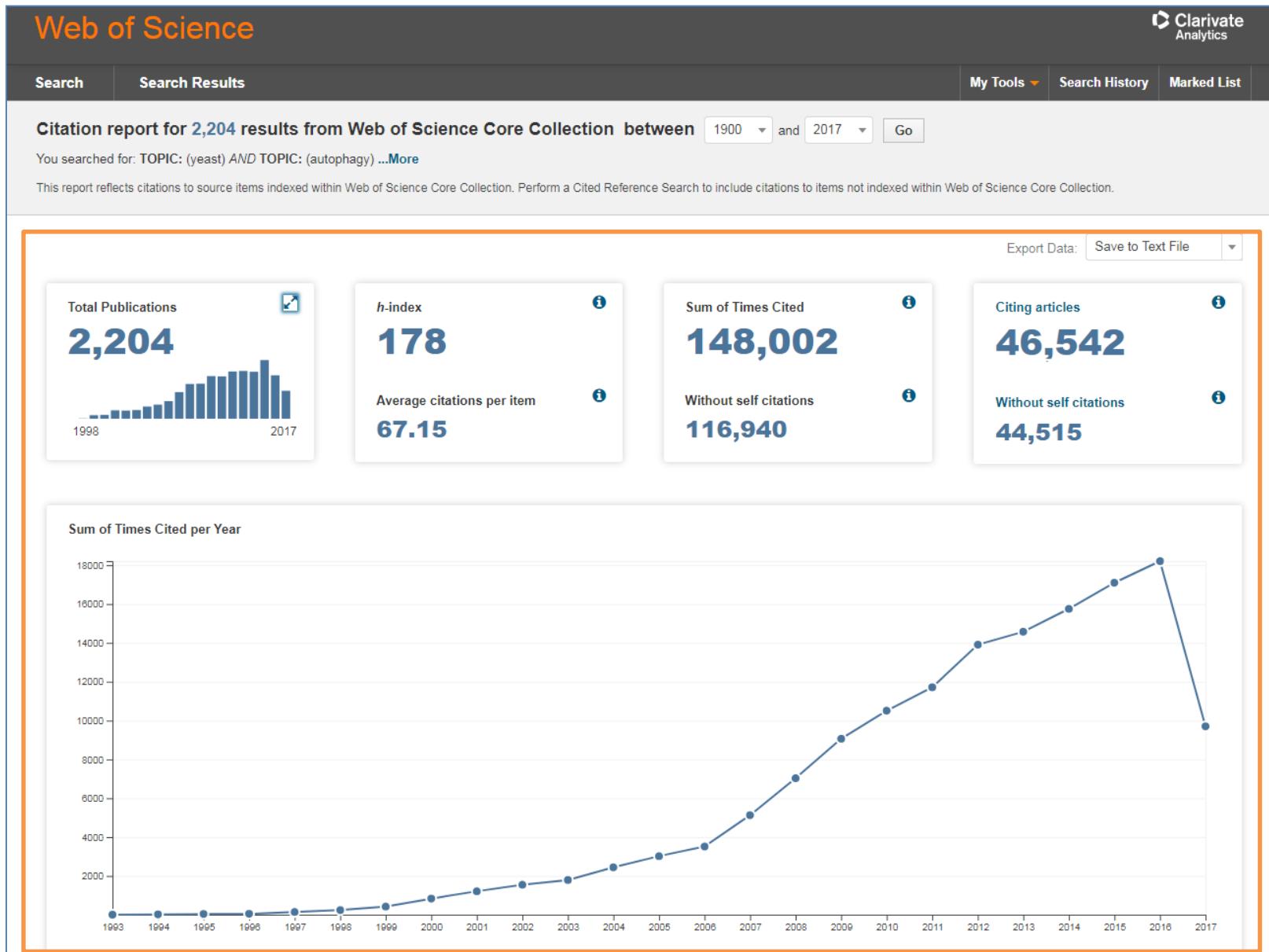
Times Cited: 3,512 (from Web of Science Core Collection)
Usage Count ▾

Times Cited: 3,259 (from Web of Science Core Collection)
Usage Count ▾

Times Cited: 1,848 (from Web of Science Core Collection)
Usage Count ▾

引用文獻報告

近年發表引用趨勢



引用文獻報告

找出經典高被引文章

Use the checkboxes to remove individual items from this Citation Report

or restrict to items published between 1900 and 2017 Go

	2013	2014	2015	2016	2017	Total	Average Citations per Year
	14574	15756	17098	18208	9701	148002	5920.08
1. LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing	359	358	386	338	169	3512	195.11
By: Kabeya, Y; Mizushima, N; Uero, T; et al. EMBO JOURNAL Volume: 19 Issue: 21 Pages: 5720-5728 Published: NOV 1 2000							
2. A comprehensive analysis of protein-protein interactions in <i>Saccharomyces cerevisiae</i>	130	104	70	64	24	3259	181.06
By: Uetz, P; Giot, L; Cagney, G; et al. NATURE Volume: 403 Issue: 6770 Pages: 623-627 Published: FEB 10 2000							
3. Bcl-2 antiapoptotic proteins inhibit Beclin 1-dependent autophagy	191	202	198	169	83	1848	142.15
By: Pattingre, S; Tassa, A; Qu, XP; et al. CELL Volume: 122 Issue: 6 Pages: 927-939 Published: SEP 23 2005							
4. Induction of autophagy and inhibition of tumorigenesis by beclin 1	165	179	167	174	65	1784	93.89
By: Liang, XH; Jackson, S; Seaman, M; et al. NATURE Volume: 402 Issue: 6762 Pages: 672-676 Published: DEC 9 1999							





介面說明/基本檢索/參考文獻檢索



引文報告



全文閱覽/相關性



個人化功能

研究人員與科學資訊的獲取和利用



如何獲取全文呢？

出版年份

Web of Science 領域

文件類型

機構檢索-加強版

贊助機構

開放存取

Open access – NO (1,965)

Open access – YES (243)

限縮

書籍系列標題

研討會標題

國家/地區

編輯者

團體作者

語言

研究領域

Web of Science 索引

3. Atom-chip-based generation of entanglement for quantum metrology
作者: Riedel, Max F.; Boehm, Pascal; Li, Yun; 等.
NATURE 卷: 464 期: 7292 頁碼: 1170-1173 出版日期: APR 22 2010
S-F-X **出版者提供的全文** **檢視摘要**

**被引用次數: 348
(從 Web of Science 核心合輯)**

被高度引用的論文

使用情況計數

4. Spin-Orbit Coupled Spinor Bose-Einstein Condensates
作者: Wang, Chunji; Gao, Chao; Jian, Chao-Ming; 等.
PHYSICAL REVIEW LETTERS 卷: 105 期: 16 文獻號碼: 160403 出版日期: OCT 13 2010
S-F-X **出版者提供的全文** **檢視摘要**

**被引用次數: 300
(從 Web of Science 核心合輯)**

被高度引用的論文

使用情況計數

5. Dynamics of a bright soliton in Bose-Einstein condensates with time-dependent atomic scattering
PHYSICAL REVIEW LETTERS 卷: 94 期: 5 文獻號碼: 050402 出版日期: FEB 11 2005
S-F-X **出版者提供的全文** **檢視摘要**

**被引用次數: 286
(從 Web of Science 核心合輯)**

使用情況計數

6. ALICE: Physics Performance Report, Volume II
作者: Alessandro, B.; Antinori, F.; Belikov, J. A.; 等.
團體作者: ALICE Collaboration
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS 卷: 32 期: 10 頁碼: 1295-2040 出版日期: OCT 2006
S-F-X **出版者提供的全文** **檢視摘要**

**被引用次數: 270
(從 Web of Science 核心合輯)**

使用情況計數

7. Collective Dipole Oscillations of a Spin-Orbit Coupled Bose-Einstein Condensate
作者: Zhang, Jin-Yi; Ji, Si-Cong; Chen, Zhu; 等.
PHYSICAL REVIEW LETTERS 卷: 109 期: 11 文獻號碼: 115301 出版日期: SEP 12 2012
S-F-X **出版者提供的全文** **檢視摘要**

**被引用次數: 249
(從 Web of Science 核心合輯)**

被高度引用的論文

使用情況計數

8. Pion interferometry in Au+Au collisions at root s(NN)=200 GeV
作者: Adams, J.; Aggarwal, MM; Ahammed, Z.; 等.
團體作者: STAR Collaboration
PHYSICAL REVIEW C 卷: 71 期: 4 文獻號碼: 044906 出版日期: APR 2005
S-F-X **出版者提供的全文** **檢視摘要**

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限縮結果

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Web of Science 領域

- COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (144)
- COMPUTER SCIENCE INFORMATION SYSTEMS (51)
- COMPUTER SCIENCE THEORY METHODS (48)
- ENGINEERING ELECTRICAL ELECTRONIC (47)
- COMPUTER SCIENCE SOFTWARE ENGINEERING (25)

[更多選項/值...](#)

文件類型

- PROCEEDINGS PAPER (126)

限縮

1. Design and development of a mobile peer-to-peer social networking application

作者: Tsai, Flora S.; Han, Wenchou; Xu, Junwei; 等.
EXPERT SYSTEMS WITH APPLICATIONS 卷: 36 期: 8 頁
號: 11077-11087 出版日期: OCT 2009

全文 **關閉摘要**

[位於出版者的網站](#)

圖書館館藏

- a UIUC Catalog
- b ILLINET Catalog
- c UIC Catalog Holdings

and mobile devices such as and mobile phones has created a tware applications such as social tion, the realization and i-peer (P2P) networking have mber of applications utilizing vergence of mobile and P2P ncreasing interest in the mobile

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Web of Science



檢索

我的工具 | 檢索歷史 | 勾選的清單 3

結果數：452,034
(從 Web of Science 核心合輯)

您已檢索：主題: (design) AND 主題:
(development) ...[更多](#)

建立追蹤

限縮結果

在結果內檢索...

- 1. A short history of SHELX
- 2. THE MOS 36-ITEM SHORT-FORM HEALTH SURVEY (SF-36). 1. CONCEPTUAL-FRAMEWORK AND ITEM SELECTION
- 3. The Mini-International Neuropsychiatric Interview (MINI): The development and validation of a structured diagnostic psychiatric interview for DSM-IV and ICD-10

篩選結果：

- Highly Cited in Field (3,412)
- Hot Papers in Field (84)

限縮

出版年份

- 2016 (43,087)
- 2015 (38,755)
- 2014 (33,891)
- 2013 (31,431)
- 2012 (29,415)

排序依據：被引用次數 - 最高到最低

◀ 第 1 頁，共 10,000 頁 ▶

選取頁面

5K

儲存至 EndNote online

新增至勾選的清單

「引用文獻報告」功能無法使用。[?]

分析結果

作者: Sheldrick, George M.

ACTA CRYSTALLOGRAPHICA SECTION A 卷: 64 頁碼: 112-122 子輯: 1 出版日期: JAN 2008



出版者提供的全文

檢視摘要

作者: WARE, JE; SHERBOURNE, CD
MEDICAL CARE 卷: 30 期: 6 頁碼: 473-483 出版日期: JUN 1992



出版者提供的全文

檢視摘要

作者: Sheehan, DV; Lecrubier, Y; Sheehan, KH; 等。
研討會: Symposium on Depression and Anxiety - New Tools for Diagnosis and Treatment 位置: CHICAGO, ILLINOIS 日期: AUG 15, 1997

贊助人: SmithKline Beecham
JOURNAL OF CLINICAL PSYCHIATRY 卷: 59 補充: 20 頁碼: 22-33 出版日期: 1998



出版者提供的全文

檢視摘要

被引用次數: 55,266
(從 Web of Science 核心合輯)

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使用情況計數

被引用次數: 17,853
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使用情況計數

被引用次數: 8,731
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使用情況計數



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3

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檢索集	結果	儲存檢索歷史/建立追蹤功能	開啟儲存的歷史	編輯檢索集	組合檢索集	刪除檢索集
# 2	452,034 索引:SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC 時間範圍=所有年份	主題: (design) AND 主題: (development)		<input type="checkbox"/> 編輯	<input checked="" type="radio"/> AND <input type="radio"/> OR	<input type="checkbox"/> 全選 <input type="checkbox"/> 組合 <input type="checkbox"/> 刪除
# 1	1 索引:SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC 時間範圍=所有年份	主題: ("design and development of a mobile peer-to-peer social networking application")		<input type="checkbox"/> 編輯	<input checked="" type="radio"/> AND <input type="radio"/> OR	<input type="checkbox"/> 全選 <input type="checkbox"/> 組合 <input type="checkbox"/> 刪除

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SRS

70

建立定題追蹤

Web of Science

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結果數：2,205
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您已檢索：主題: (yeast) AND 主題:
(autophagy) ...更多

建立追蹤

限縮結果

在結果內檢索...

篩選結果：

- Highly Cited in Field (55)
- Hot Papers in Field (1)

限縮

出版年份

2015 (227)

SRS

排序依

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檢索歷史名稱: yeast and autophagy (必要)

描述: (選用)

電子郵件追蹤:

電子郵件地址: fion@sris.com.tw

類型: 作者、標題、...

格式: 純文字

頻率: 每週 每月

追蹤查詢: 主題: (yeast) AND 主題: (autophagy)

◀ 第 1 頁，共 221 頁 ▶

建立引用文獻報告

分析結果

processing

被引用次數: 3,516
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使用情況計數

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(從 Web of Science 核心合輯)

兒計數

次數: 1,850
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兒計數

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◀ 1 of 2,205 ▶

LC3, a mammalian homologue of yeast Apg8p involved in autophagy processing

作者: Kabeya, Y (Kabeya, Y); Mizushima, N (Mizushima, N); Kominami, E (Kominami, E); Ohsumi, Y (Ohsumi, Y);

檢視 ResearcherID 與 ORCID

EMBO JOURNAL

卷: 19 期: 21 頁碼: 5720-5728

DOI: 10.1093/emboj/19.21.5720

出版日期: NOV 1 2000

檢視期刊影響力

摘要

Little is known about the protein constituents of autophagosome membranes in mammalian cells. Here we demonstrate that the rat microtubule-associated protein 1 light chain 3 (LC3), a homologue of Apg8p essential for autophagy in yeast, is associated to the autophagosome membranes after processing. Two forms of LC3, called LC3-I and -II, were produced post-translationally in various cells. LC3-I is cytosolic, whereas LC3-II is membrane bound. The autophagic vacuole fraction prepared from starved rat liver was enriched with LC3-II. Immunoelectron microscopy on LC3 revealed specific labelling of autophagosome membranes in addition to the cytoplasmic labelling. LC3-II was present both inside and outside of auto-phagosomes. Mutational analyses suggest that LC3-I is formed by the removal of the C-terminal 22 amino acids from newly synthesized LC3, followed by the conversion of a fraction of LC3-I into LC3-II. The amount of LC3-II is correlated with the extent of autophagosome formation. LC3-II is the first mammalian protein identified that specifically associates with autophagosome membranes.

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31 參考文獻

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3,689 於 所有資料庫

3,516 於 Web of Science 核心合輯

3,232 於 BIOSIS Citation Index

187 於 Chinese Science Citation Database

1 於 Data Citation Index

2 於 Russian Science Citation Index

2 於 SciELO Citation Index

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檢索

結果數：2,205
(從 Web of Science 核心合輯)

您已檢索：主題: (yeast) AND 主題:
(autophagy) ...更多

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限縮結果

在結果內檢索...

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- Highly Cited in Field (55)
- Hot Papers in Field (1)

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- ResearcherID 建立引用文獻報告
- 分析結果
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(從 Web of Science 核心合輯)
- 使用情況計數
- 被引用次數: 3,259
(從 Web of Science 核心合輯)
- 使用情況計數
- 被引用次數: 1,850
(從 Web of Science 核心合輯)
1. LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing
作者: Kabeya, Y; Mizushima, N; Uero, T; 等.
EMBO JOURNAL 卷: 19 期: 21 頁碼: 5720-5728 出版日期: NOV 1 2000
2. A comprehensive analysis of protein-protein interactions in *Saccharomyces cerevisiae*
作者: Uetz, P; Giot, L; Cagney, G; 等.
NATURE 卷: 403 期: 6770 頁碼: 623-627 出版日期: FEB 10 2000
3. Bcl-2 antiapoptotic proteins inhibit Beclin 1-dependent autophagy
作者: Pattingre, S; Tassa, A; Qu, XP; 等.
CELL 卷: 122 期: 6 頁碼: 927-939 出版日期: SEP 23 2005



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<input checked="" type="checkbox"/> 名稱: TVGH 描述: 查詢: 地址: ("Taipei Vet Gen Hosp") <input type="button" value="開啟 ►"/>	Web of Science 核心合輯		開啟 建立時間: 2017-04-17 上次執行時間: 2017-04-17 到期: 2017-10-02 <input type="button" value="更新"/>	電子郵件地址: max@sris.com.tw 類型: 完整記錄 格式: 純文字 頻率: 每月	<input type="button" value="編輯"/>
<input checked="" type="checkbox"/> 名稱: demo 描述: 查詢: 針對: Survival and function of hepatocytes on a novel three-dimensional synthetic biodegradable polymer sc 針對: Survival and function of hepatocytes on a novel three-dimensional synthetic biodegradable polymer scaffold with an intrinsic network of channels <input type="button" value="開啟 ►"/>	Web of Science 核心合輯		開啟 建立時間: 2015-12-03 上次執行時間: 2016-10-13 到期: 2017-08-10 <input type="button" value="更新"/>	電子郵件地址: max@sris.com.tw 類型: 作者、標題、來源 格式: 純文字 頻率: 每週	<input type="button" value="編輯"/>

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作者/標題

被引用
次數

RSS
資訊來源

追蹤狀態

追蹤條件

編輯

ALESSI, S. FIDELITY IN THE DESIGN OF
INSTRUCTIONAL SIMULATIONS

81



開啟
到期: 2018-03-16
[更新](#)

電子郵件地址: max@sris.com.tw
格式: 純文字

[編輯](#)

Kabeya, Y. LC3, a mammalian homologue of yeast Apg8p,
is localized in autophagosome membranes after processing

3689



開啟
到期: 2018-08-02
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Reference

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在西元2004年投向Nature的中國文章有55%，但在西元2003年時高達62%，未經編委審查，在期刊初審階段就退稿，很大一部分是格式問題，特別是參考文獻格式。

即使是最高等級的期刊，其中也有30%的文章有參考文獻的錯誤，這大大降低了文章被引用次數的統計。

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- COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (144)
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三 分析結果

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被引用次數：15

(從 Web of Science 核心合集)

1.

Design and develop a social networking application

作者: Tsai, Flora S.; Han, Wenchou; Xu, Junwei; 等。
EXPERT SYSTEMS WITH APPLICATIONS 卷: 36 期: 8 頁
碼: 11077-11087 出版日期: OCT 2009

全文

檢視摘要

2.

Landmark detection from mobile life log using a modular Bayesian network model

作者: Hwang, Keum-Sung; Cho, Sung-Bae
EXPERT SYSTEMS WITH APPLICATIONS 卷: 36 期: 10 頁
碼: 12065-12076 出版日期: DEC 2009

全文

檢視摘要

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The main workspace shows a search results table with the following data:

Code	Title	Author	Reference Type	Journal/Secondary Title	Year
●	A comprehensive analysis of prot...	Uetz, P.; Gi...	Journal Article	Nature	2000
●	Bcl-2 antiapoptotic proteins inhi...	Pattingre, S...	Journal Article	Cell	2005
●	LC3, a mammalian homologue of...	Kabeya, Y.; ...	Journal Article	Embo Journal	2000

The bottom right panel, titled "Attached PDFs", displays the message: "There are no PDFs attached to this reference."



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Topic

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◀ ◀ 頁面 1 / 17 頁 ▶ ▶

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Chiroptera (12)

colon cancer (4)

Corvids (18)

Echolocation (6)

long term care (4)

Parrots (24)

作者

年份

標題

Aberg, F.

2016

From prolonging life to prolonging working life: Tackling unemployment among liver-transplant recipients
World J Gastroenterol

新增到圖書庫：05 Jun 2017 上次更新時間：05 Jun 2017

線上連結 → 移至 URL



Ahluwalia, S. S.

2007

Microbial and plant derived biomass for removal of heavy metals from wastewater
Bioresource Technology

新增到圖書庫：06 Mar 2017 上次更新時間：06 Mar 2017

在 Web of Science™ 中檢視 → 來源記錄, Related Records, 被引用次數： 550



Collect and manage references



文件1 [相容模式] - Word

檔案 常用 插入 設計 版面配置 參考資料 郵件 校閱 檢視 EndNote Acrobat

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(Kabeya et al., 2000; Kim, Kundu, Viollet, & Guan, 2011; Liang et al., 1999; Uetz et al., 2000)

Kabeya, Y., Mizushima, N., Uero, T., Yamamoto, T. (2000). LC3, a mammalian homolog of Atg8, is induced in macroautophagy membranes after protease processing. *EMBO Journal*, 19(21), 5720-5728. doi:10.1093/emboj/19.21.5720

Kim, J., Kundu, M., Viollet, B., & Guan, K. L. (2011). AMP-activated protein kinase mediates autophagy through direct phosphorylation of Beclin 1. *Journal of Biological Chemistry*, 286(132), 132-U171. doi:10.1074/jbc.M110.421524

Liang, X. H., Jackson, S., Seaman, M., Brown, B., & Levine, B. (1999). Induction of autophagy and inhibition of oncogenesis by heterozygous deletion of Beclin 1. *Nature*, 402(6762), 672-676. doi:10.1038/21524

Uetz, P., Giot, L., Cagney, G., Mansfield, T. A., Judson, R. S., Hieter, P., & Gerstein, M. B. (2000). A comprehensive analysis of the yeast interactome. *Nature*, 403(6768), 679-687. doi:10.1038/35986000

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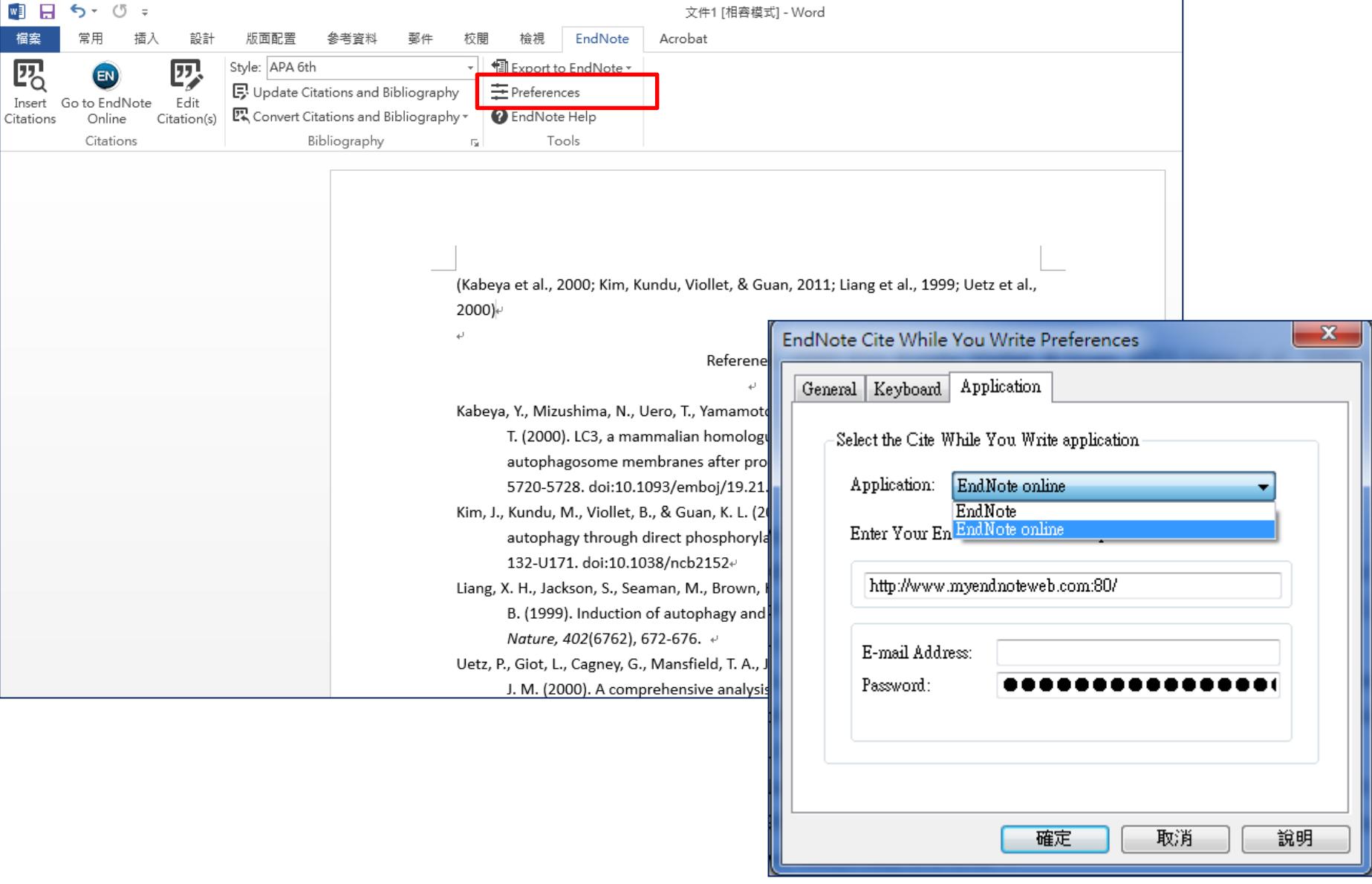
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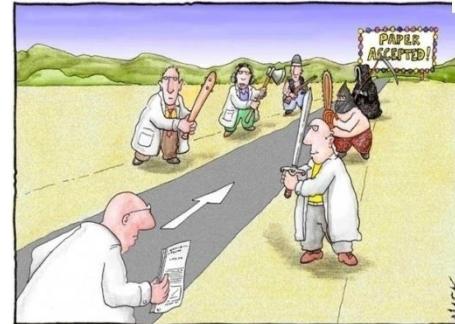
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Design and development networking application

作者: Tsai, FS (Tsai, Flora S.)^[1]; Han, V (Chua, Hock Chuan)^[1]

EXPERT SYSTEMS WITH APPLICATIONS

卷: 36 期: 8 頁碼: 11077-11087

DOI: 10.1016/j.eswa.2009.02.093

出版日期: OCT 2009

檢視期刊資訊

摘要

The proliferation of wireless and mobile devices has created a large demand for mobile software. The realization and widespread usage of personal mobile devices has led to a large number of applications utilizing these technologies. This generated increasing interest in the mobile design and development of a mobile social networking application. In this paper, we juxtapose (JXTA) and juxtapose for Java Network (MoSoSo) object-oriented software design. By using JXTA, users can discover, communicate and share resources. MoSoSo: object-oriented software design, the software has been fully implemented and tested.

EXPERT SYSTEMS WITH APPLICATIONS

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◀ 1 of 86 ▶

PlantPAN: Plant promoter analysis navigator, for identifying combinatorial cis-regulatory elements with distance constraint in plant gene groups

作者: Chang, WC (Chang, Wen-Chi)^[2]; Lee, TY (Lee, Tzong-Yi)^[1]; Huang, HD (Huang, Hsien-Da)^[1,3]; Huang, HY (Huang, His-Yuan)^[1]; Pan, RL (Pan, Rong-Long)^[2,4]

BMC GENOMICS

卷: 9

文獻號碼: 561

DOI: 10.1186/1471-2164-9-561

出版日期: NOV 26 2008

[檢視期刊影響力](#)

摘要

Background: The elucidation of transcriptional regulation in plant genes is important area of research for plant scientists, following the mapping of various plant genomes, such as *A. thaliana*, *O. sativa* and *Z. mays*. A variety of bioinformatic servers or databases of plant promoters have been established, although most have been focused only on annotating transcription factor binding sites in a single gene and have neglected some important regulatory elements (tandem repeats and CpG/CpNpG islands) in promoter regions. Additionally, the combinatorial interaction of transcription factors (TFs) is important in regulating the gene group that is associated with the same expression pattern. Therefore, a tool for detecting the co-regulation of transcription factors in a group of gene promoters is required.

Results: This study develops a database-assisted system, PlantPAN (Plant Promoter Analysis Navigator), for recognizing combinatorial cis-regulatory elements with a distance constraint in sets of plant genes. The system collects the plant transcription factor binding profiles from PLACE, TRANSFAC (public release 7.0), AGRIS, and JASPER databases and allows users to input a group of gene IDs or promoter sequences, enabling the co-occurrence of combinatorial transcription factor binding sites (TFBSs) within a defined distance (20 bp to 200 bp) to be identified. Furthermore, the new resource enables other regulatory features in a plant promoter, such as CoG/CoNoG islands and tandem repeats, to be displayed. The regulatory elements in the conserved

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研究領域: C

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語言: English

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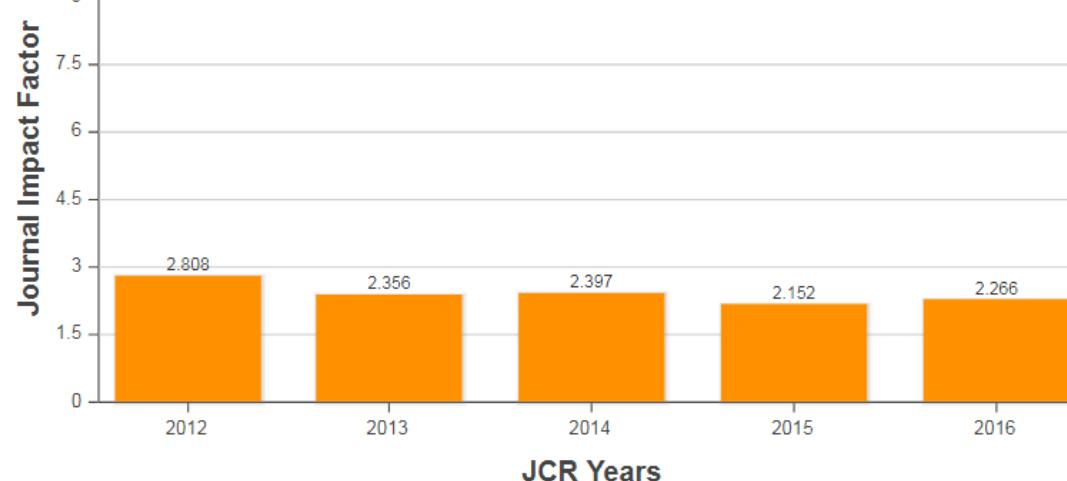
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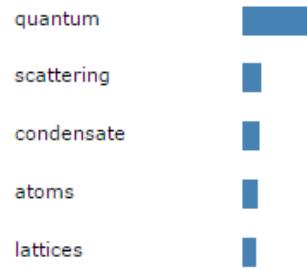
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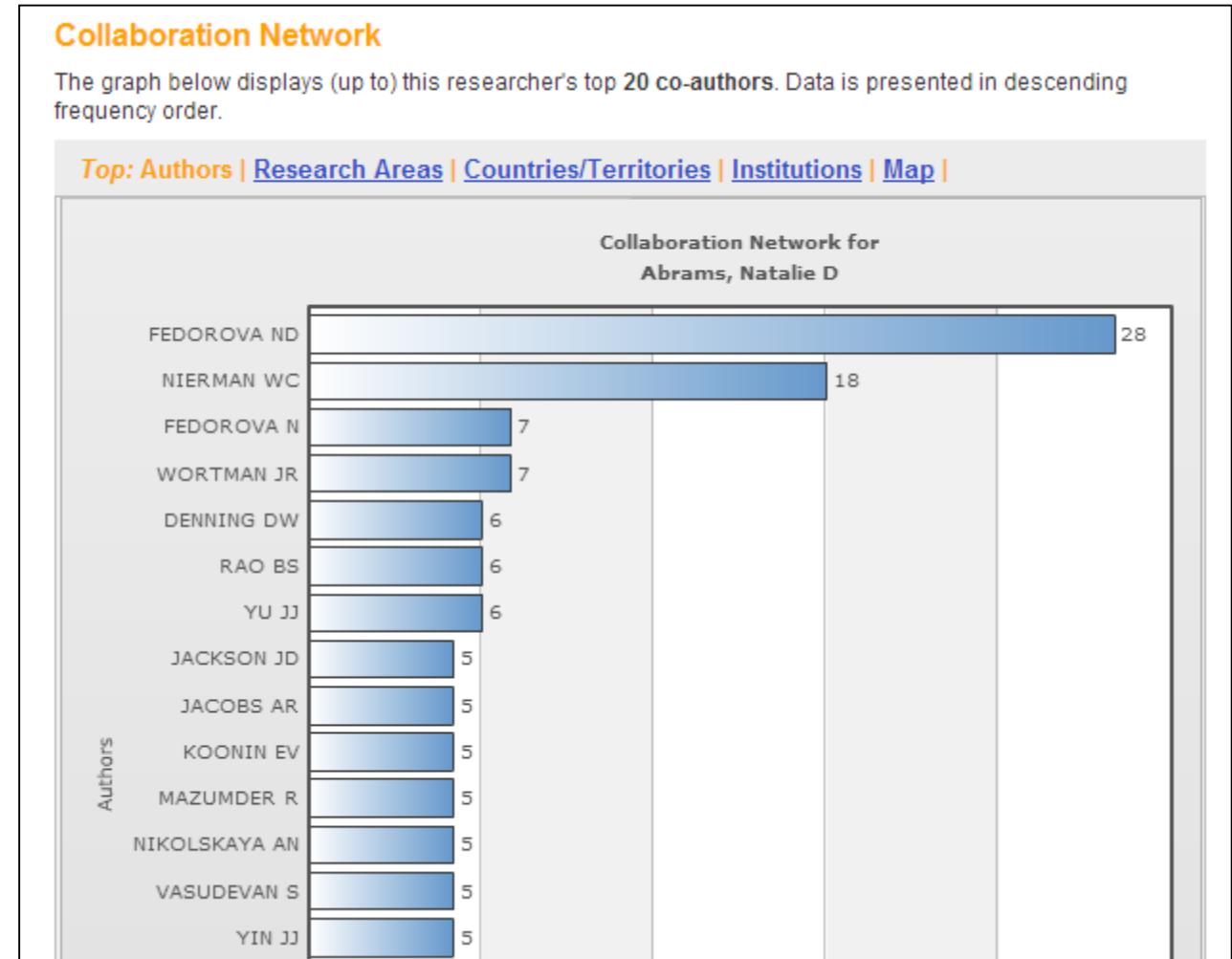
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2003	3
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2005	1
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2007	5
2008	1
2009	2
2010	1
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2013	3
2014	2
2015	5
2016	7
2017	3

Total Articles in Publication List: 6
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- Major focus of study or research strength
- Network distributions
- Top collaboration institutes

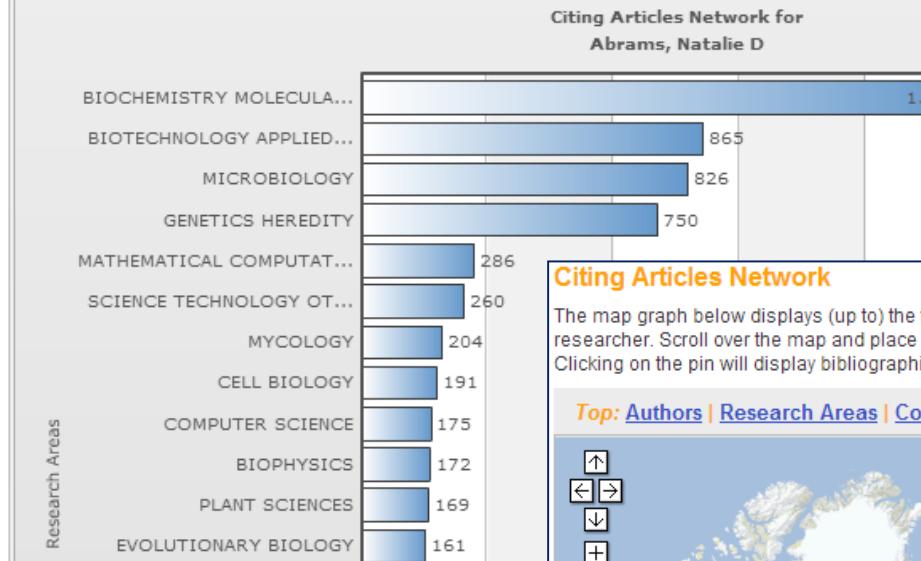


Citing Articles Network

Citing Articles Network

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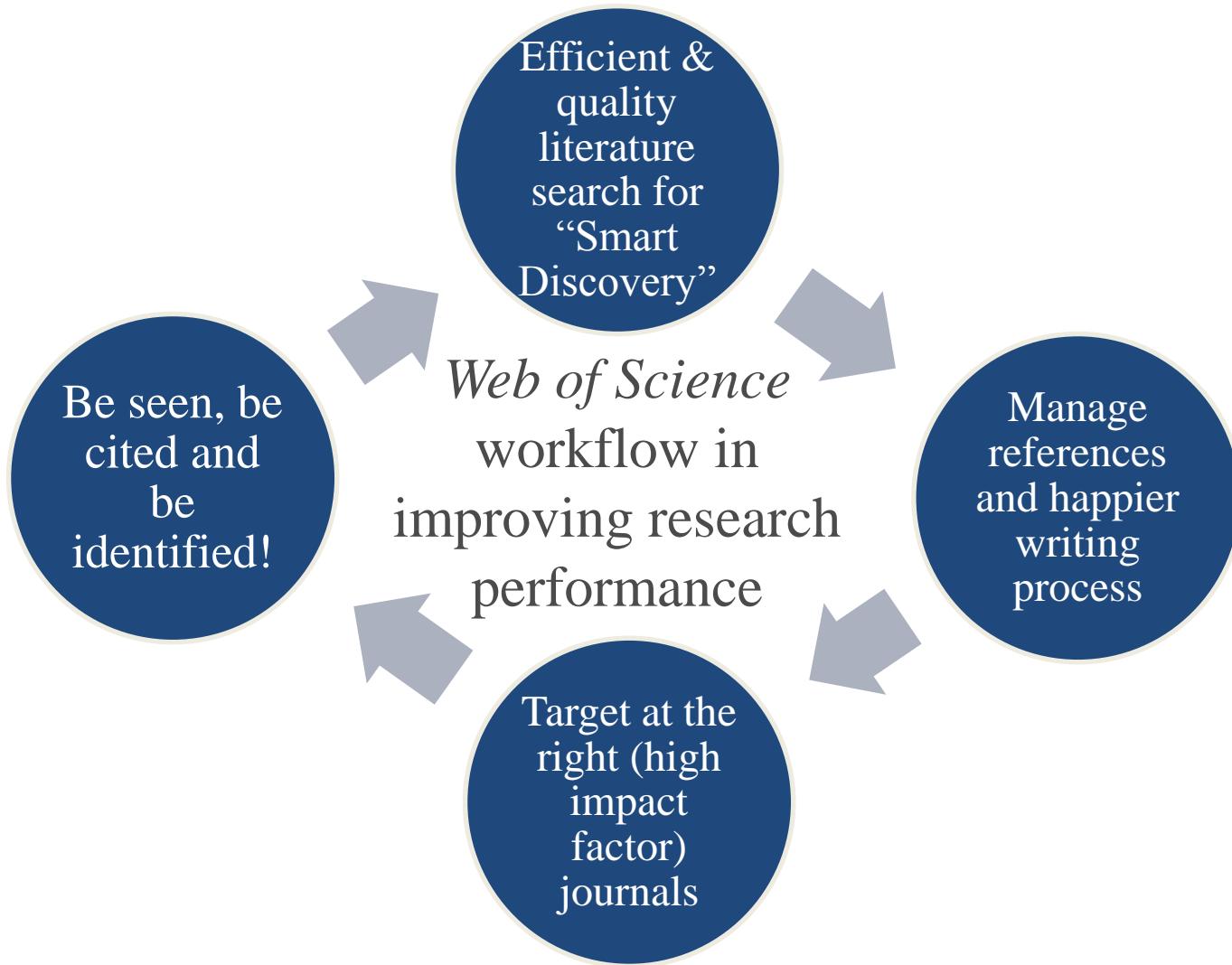
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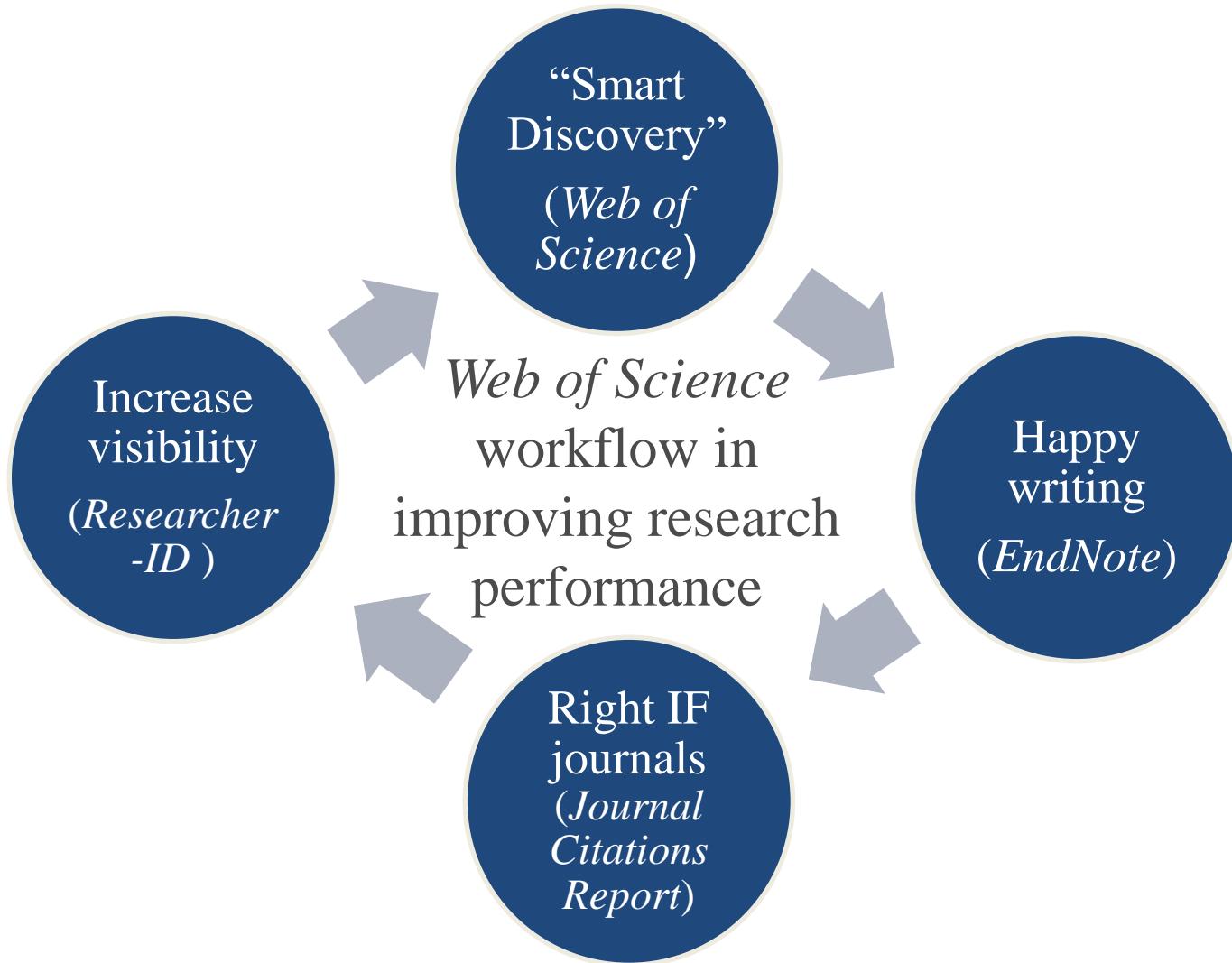
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活動特區



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活動時間：即日起至2017年06月14日

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2017年3月～2018年2月

[詳細課程](#)

[抽獎活動](#)

THANK YOU

影音教材檔：

<http://www.customer-support.com.tw/training/sris/WOS.php>

客戶服務

服務專線：02-7731-5800

服務傳真：02-8226-5022

客戶服務信箱：

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專人服務時間：週一～週五 9:00~17:30

