



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

2020

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



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.

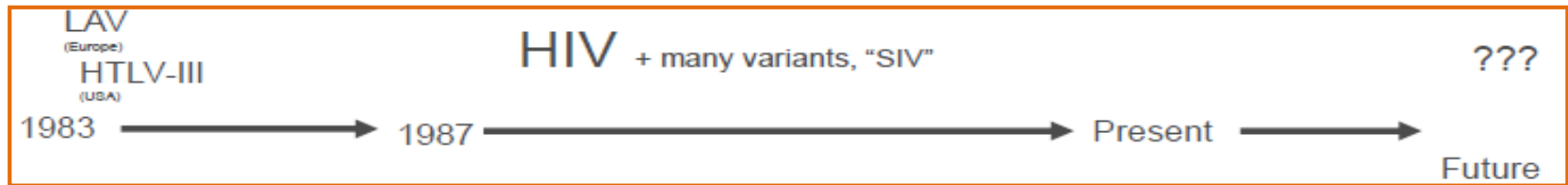


VIA 9GAG.COM



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

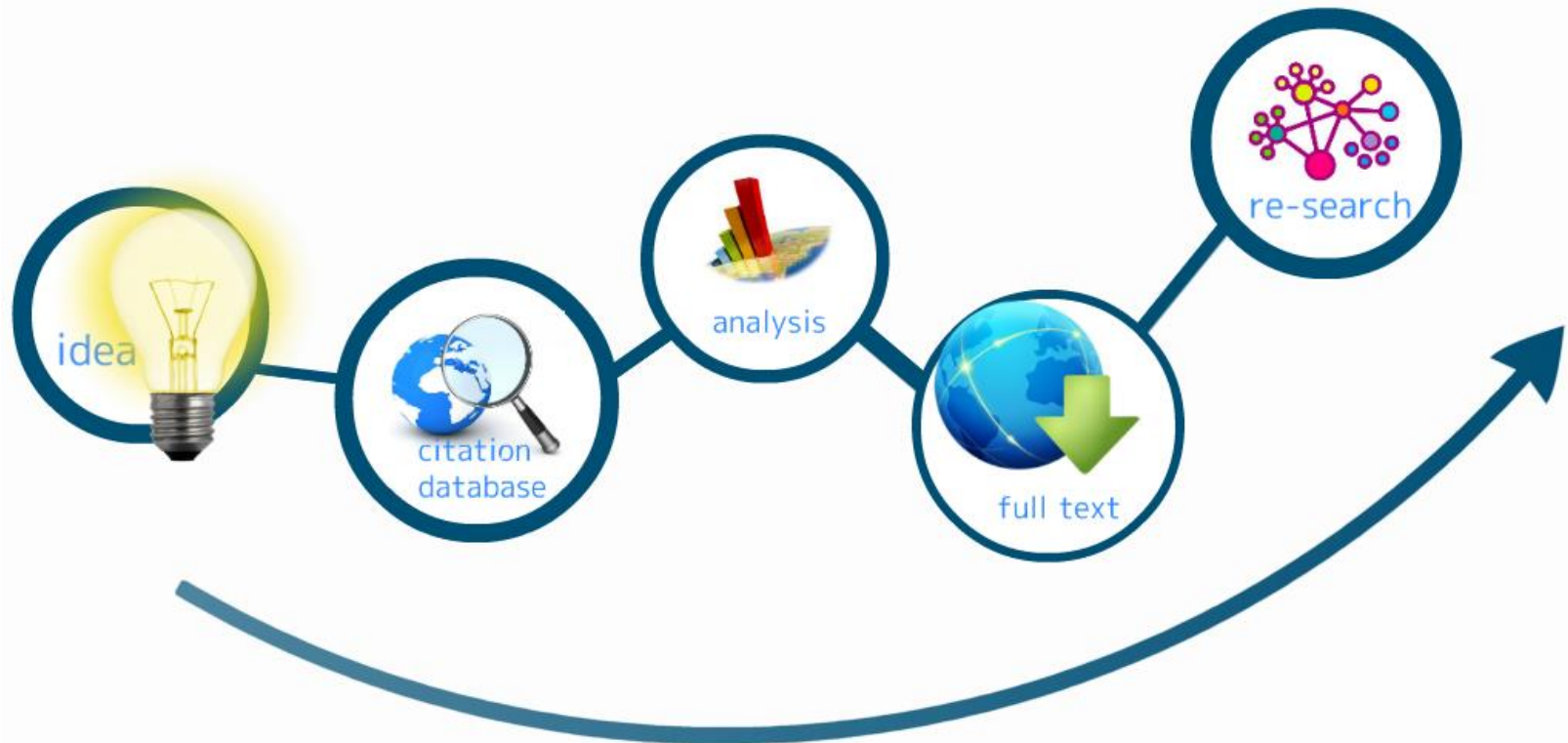
KeyWords Plus: SIMIAN IMMUNODEFICIENCY VIRUS; OPEN READING FRAME; RHESUS-MONKEYS; PERSISTENT INFECTION; MUTATIONAL ANALYSIS; MACAQUE MONKEYS; HTLV-III; SOR GENE; TYPE-1; PROTEIN



傳統方式

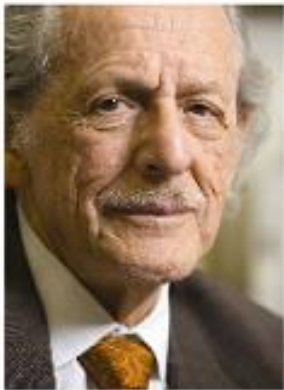


前瞻方式



IT ALL STARTED FROM 50's

ISI
Institute for Scientific Information®



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

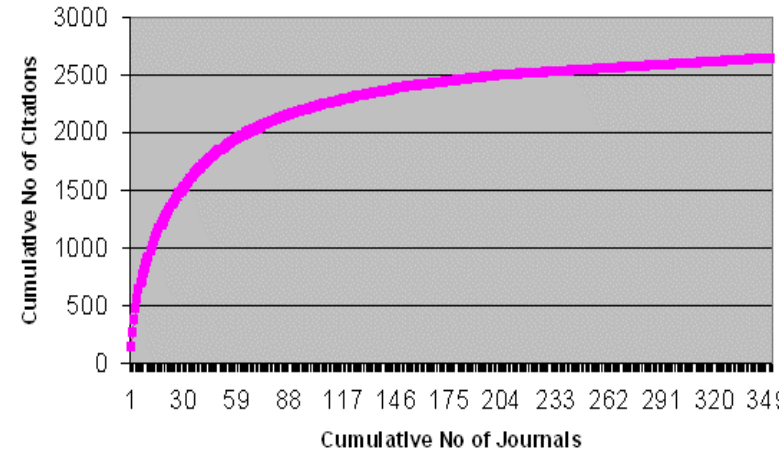
西元1955年，**Dr. Garfield** 在 *Science* 發表論文，提出將引文索引作為一種新的文獻檢索與分類工具，將一篇**文獻**作為檢索欄位，以追蹤一個研究主題的發展過程。



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

Bardford Bibliograph



REUTERS/ Mohsin Raza

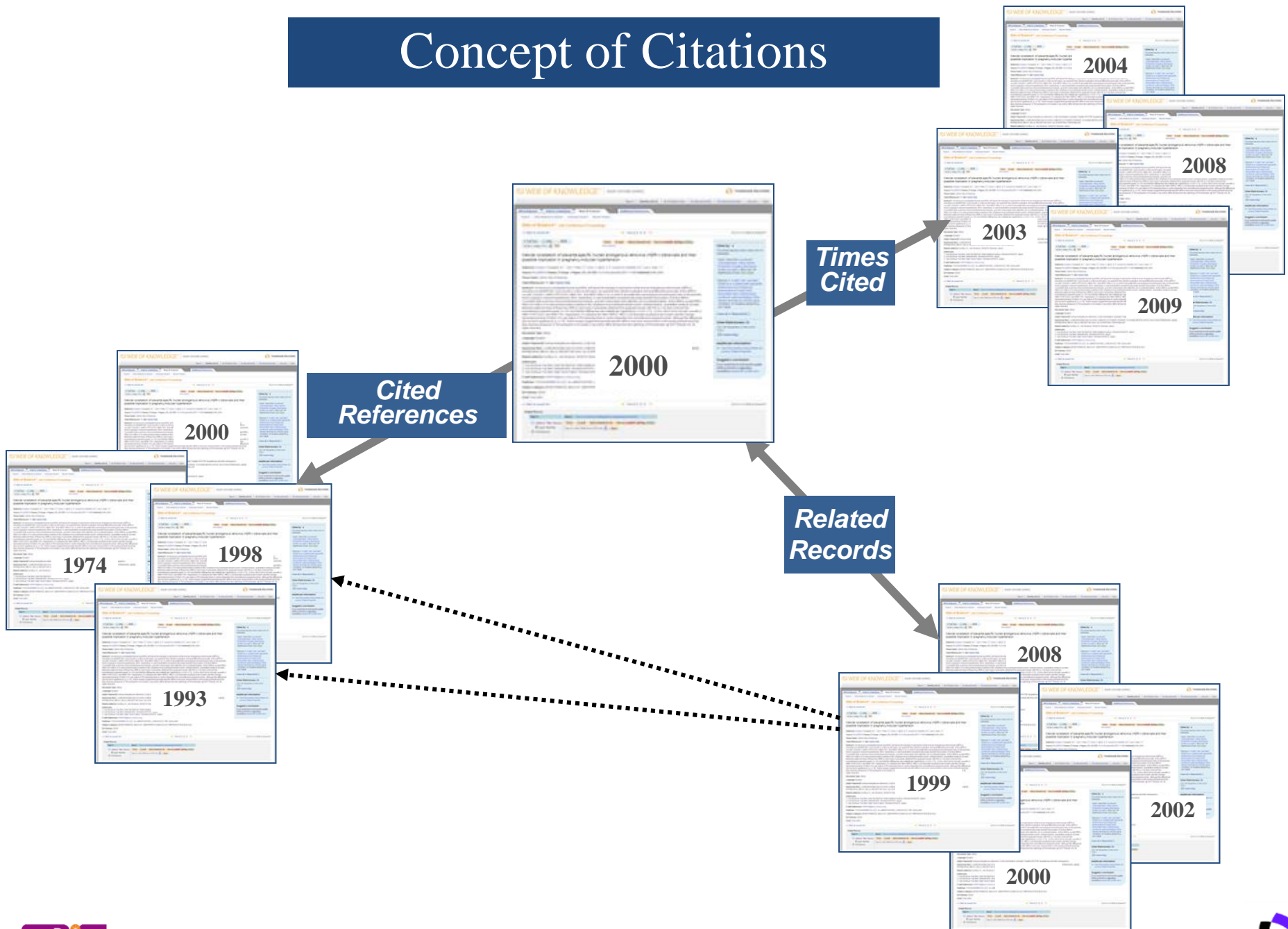
• Journal Selection Process

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



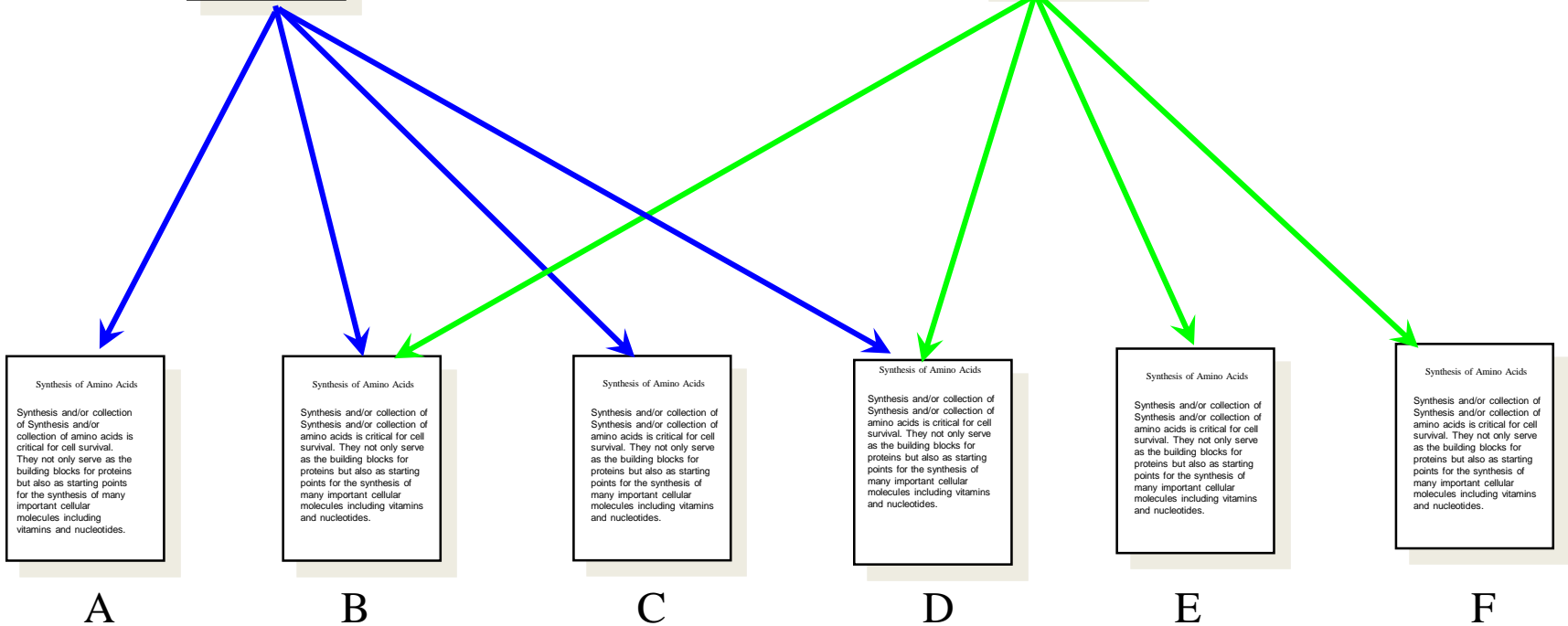
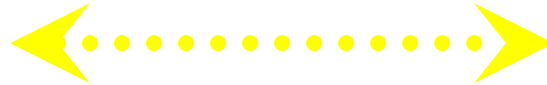
Related Record

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.



檢索

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



Web of Science 介面介紹

The image displays the Web of Science interface, highlighting the search and selection options. The top navigation bar includes 'Web of Science', 'InCites', 'Journal Citation Reports', 'Essential Science Indicators', 'EndNote', '登入', '說明', and '繁體中文'. The main search area features a search bar with the example text '範例: oil spill' and a dropdown menu for '我的工具' and '檢索歷史'. The '選取資料庫' (Select Database) section is expanded, showing a list of databases with 'Web of Science 核心合輯' (Web of Science Core Collection) selected. A red box highlights the '深入瞭解' (Learn More) link for this database. The '基本檢索' (Basic Search) section includes a search bar and a '時間範圍' (Time Range) dropdown set to '所有年份' (All Years). The '更多設定' (More Settings) section is expanded, showing various search filters and options. The '自動建議出版品名稱' (Automatic Suggestion of Publication Names) section is also visible, with a dropdown set to '開啟' (On). The '預設要顯示的檢索欄位數' (Default Number of Search Fields to Display) is set to '1 個欄位 (主題)' (1 Field (Topic)). The 'Web of Science 核心合輯' (Web of Science Core Collection) section is further detailed, showing a list of databases with 'Web of Science 核心合輯' selected. A red box highlights the '深入瞭解' (Learn More) link for this database. The '訂閱的資料庫' (Subscribed Databases) section is also visible, showing a list of databases with 'Web of Science 核心合輯' selected. The '所有資料庫' (All Databases) section is also visible, showing a list of databases with 'Web of Science 核心合輯' selected. The 'Data Citation Index (1900年至今)' (Data Citation Index (1900-Present)) section is also visible, showing a list of databases with 'Data Citation Index' selected. The 'Derwent Innovations Index (1963年至今)' (Derwent Innovations Index (1963-Present)) section is also visible, showing a list of databases with 'Derwent Innovations Index' selected. The 'FSTA - 食品科學資源 (1969年至今)' (FSTA - Food Science Resources (1969-Present)) section is also visible, showing a list of databases with 'FSTA' selected. The 'Inspec (1898年至今)' (Inspec (1898-Present)) section is also visible, showing a list of databases with 'Inspec' selected. The 'KCI - Korean Journal Database (1980年至今)' (KCI - Korean Journal Database (1980-Present)) section is also visible, showing a list of databases with 'KCI' selected. The 'MEDLINE (1950年至今)' (MEDLINE (1950-Present)) section is also visible, showing a list of databases with 'MEDLINE' selected. The 'Russian Science Citation Index (2005年至今)' (Russian Science Citation Index (2005-Present)) section is also visible, showing a list of databases with 'Russian Science Citation Index' selected. The 'SciELO Citation Index (1997年至今)' (SciELO Citation Index (1997-Present)) section is also visible, showing a list of databases with 'SciELO Citation Index' selected. The 'Scopus (1966年至今)' (Scopus (1966-Present)) section is also visible, showing a list of databases with 'Scopus' selected. The 'Zoological Record (1864年至今)' (Zoological Record (1864-Present)) section is also visible, showing a list of databases with 'Zoological Record' selected.

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

主題

檢索

按一下這裡以取得改善檢索的秘訣

時間範圍

所有年份

從 1900 到 2017

更多設定

- 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



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>

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

yeast



主題 ▾

AND ▾

autophagy



主題 ▾

檢索

按一下這裡以取得改善檢索的秘訣。

+ 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 核心合集)

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 ▶

選取頁面



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

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

alized in autophagosome membranes after

被引用次數: 3,512

(從 Web of Science 核心合集)

使用情況計數

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

被引用次數: 3,256

(從 Web of Science 核心合集)

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

(從 Web of Science 核心合集)

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) 🔥

限縮

出版年份

Sort by: Times Cited -- highest to lowest

Publication Date -- newest to oldest

Publication Date -- oldest to newest

Recently Added

選取

1. Times Cited -- highest to lowest

Times Cited -- lowest to highest

Usage Count -- Last 180 days

Usage Count -- Since 2013

Relevance

2. First Author -- A to Z

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

日期: NOV 1 2000

新增至勾選的清單

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)

快速鎖定高影響力文章

Results: 2,201

(from Web of Science Core Collection)

You searched for: TOPIC: (yeast) A
ND 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

Sort by: Times Cited -- highest to lowest

Page 1 of 221

Select Page



5K

Save to EndNote online

Add to Marked List

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

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**

Create Citation Report

Analyze Results

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

Usage Count

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

Usage Count

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

Web of Science Categories

ARTICLE (1,584)
 REVIEW (365)
 EDITORIAL MATERIAL (122)
 BOOK CHAPTER (48)
 PROCEEDINGS PAPER (21)

[more options / values...](#)

Refine

Web of Science Categories Sort these by: ▾

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 (674)	<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 (83)	<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)
<input type="checkbox"/> MYCOLOGY (55)	<input type="checkbox"/> NUTRITION DIETETICS (6)	<input type="checkbox"/> AGRICULTURE MULTIDISCIPLINARY (2)
<input type="checkbox"/> ONCOLOGY (52)	<input type="checkbox"/> MATHEMATICAL COMPUTATIONAL BIOLOGY (6)	<input type="checkbox"/> SPECTROSCOPY (1)
<input type="checkbox"/> DEVELOPMENTAL BIOLOGY (41)	<input type="checkbox"/> HEMATOLOGY (6)	<input type="checkbox"/> RESPIRATORY SYSTEM (1)
<input type="checkbox"/> PHARMACOLOGY PHARMACY (37)	<input type="checkbox"/> ENTOMOLOGY (6)	<input type="checkbox"/> PSYCHIATRY (1)
<input type="checkbox"/> GERIATRICS GERONTOLOGY (31)	<input type="checkbox"/> CARDIAC CARDIOVASCULAR SYSTEMS (6)	<input type="checkbox"/> OPTICS (1)
<input type="checkbox"/> NEUROSCIENCES (30)	<input type="checkbox"/> UROLOGY NEPHROLOGY (5)	<input type="checkbox"/> MEDICAL LABORATORY TECHNOLOGY (1)
<input type="checkbox"/> BIOLOGY (29)	<input type="checkbox"/> CRYSTALLOGRAPHY (5)	<input type="checkbox"/> MATERIALS SCIENCE MULTIDISCIPLINARY (1)
<input type="checkbox"/> FOOD SCIENCE TECHNOLOGY (23)	<input type="checkbox"/> CHEMISTRY ANALYTICAL (5)	<input type="checkbox"/> INTEGRATIVE COMPLEMENTARY MEDICINE (1)
<input type="checkbox"/> MEDICINE RESEARCH EXPERIMENTAL (22)	<input type="checkbox"/> ANATOMY MORPHOLOGY (5)	<input type="checkbox"/> INSTRUMENTS INSTRUMENTATION (1)
<input type="checkbox"/> ENDOCRINOLOGY METABOLISM (19)	<input type="checkbox"/> REPRODUCTIVE BIOLOGY (4)	<input type="checkbox"/> GERONTOLOGY (1)
<input type="checkbox"/> IMMUNOLOGY (18)	<input type="checkbox"/> CLINICAL NEUROLOGY (4)	<input type="checkbox"/> ENGINEERING CHEMICAL (1)
<input type="checkbox"/> PARASITOLOGY (15)	<input type="checkbox"/> SURGERY (3)	<input type="checkbox"/> ENERGY FUELS (1)
<input type="checkbox"/> CHEMISTRY APPLIED (15)	<input type="checkbox"/> PERIPHERAL VASCULAR DISEASE (3)	



查看經典評論 (文獻類型)

結果數：365
(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...

Web of Science 領域

- CELL BIOLOGY (181)
- BIOCHEMISTRY MOLECULAR BIOLOGY (150)
- BIOCHEMICAL RESEARCH METHODS (29)
- BIOPHYSICS (23)
- MICROBIOLOGY (17)

更多選項/值...

限縮

文件類型

- REVIEW (365)
- BOOK CHAPTER (47)

排序依據： 被引用次數 -- 最高到最低

第 1 頁，共 37 頁

選取頁面

儲存至 EndNote online

新增至勾選的清單

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.; Abeliovich, Hagai; Agostinis, Patrizia; 等.
AUTOPHAGY 卷: 4 期: 2 頁碼: 151-175 出版日期: FEB 16 2008

被引用次數: 1,508
(從 Web of Science 核心合輯)

被高度引用的論文

使用情況計數

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

被引用次數: 1,376
(從 Web of Science 核心合輯)

使用情況計數

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

被引用次數: 1,251
(從 Web of Science 核心合輯)

被高度引用的論文

使用情況計數

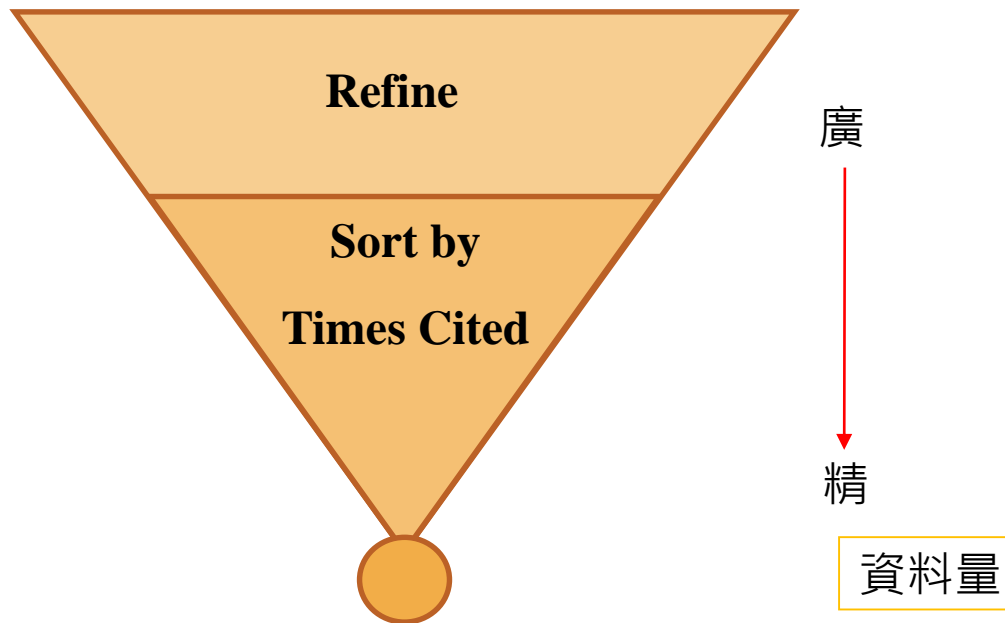
4. **Autophagosome formation: Core machinery and adaptations**
作者: Xie, Zhiping; Klionsky, Daniel J.
NATURE CELL BIOLOGY 卷: 9 期: 10 頁碼: 1102-1109 出版日期: OCT 2007

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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



出版者提供的全文

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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



出版者提供的全文

檢視摘要

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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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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)
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EMBO JOURNAL
Volume: 19 Issue: 21 Pages: 5720-5728
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Abstract


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 autophagosomes. 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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By: Blommaart, EFC; Luiken, JJFP; Meijer, AJ
HISTOCHEMICAL JOURNAL Volume: 29 Issue: 5 Pages: 365-385 Published: MAY 1997

Times Cited: 177
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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: CRIMAUDO, 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

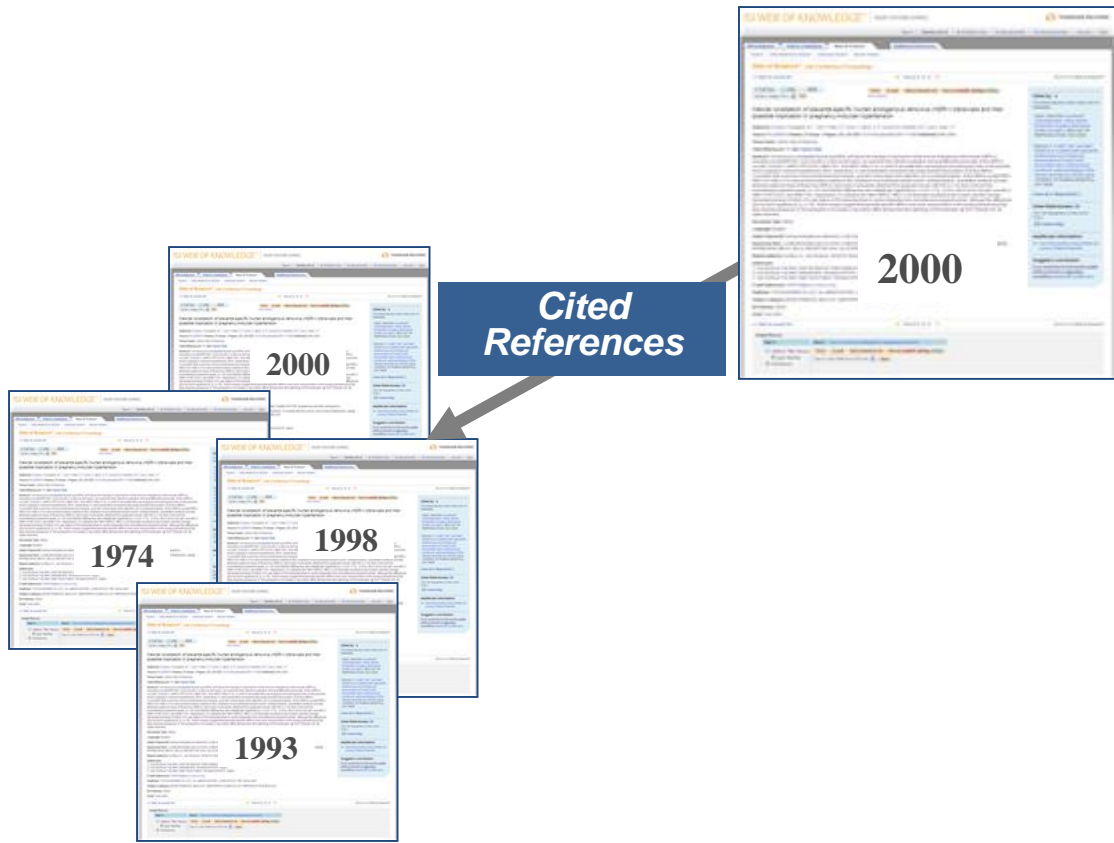
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LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing

By: Kabeya, Y (Kabeya, Y); Mizushima, N (Mizushima, N); Uero, T (Uero, T); Yamamoto, A (Yamamoto, A); Kominami, E (Kominami, E); Ohsumi, Y (Ohsumi, Y); Yoshimori, T (Yoshimori, T)
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EMBO JOURNAL
Volume: 19 Issue: 21 Pages: 5720-5728
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Abstract
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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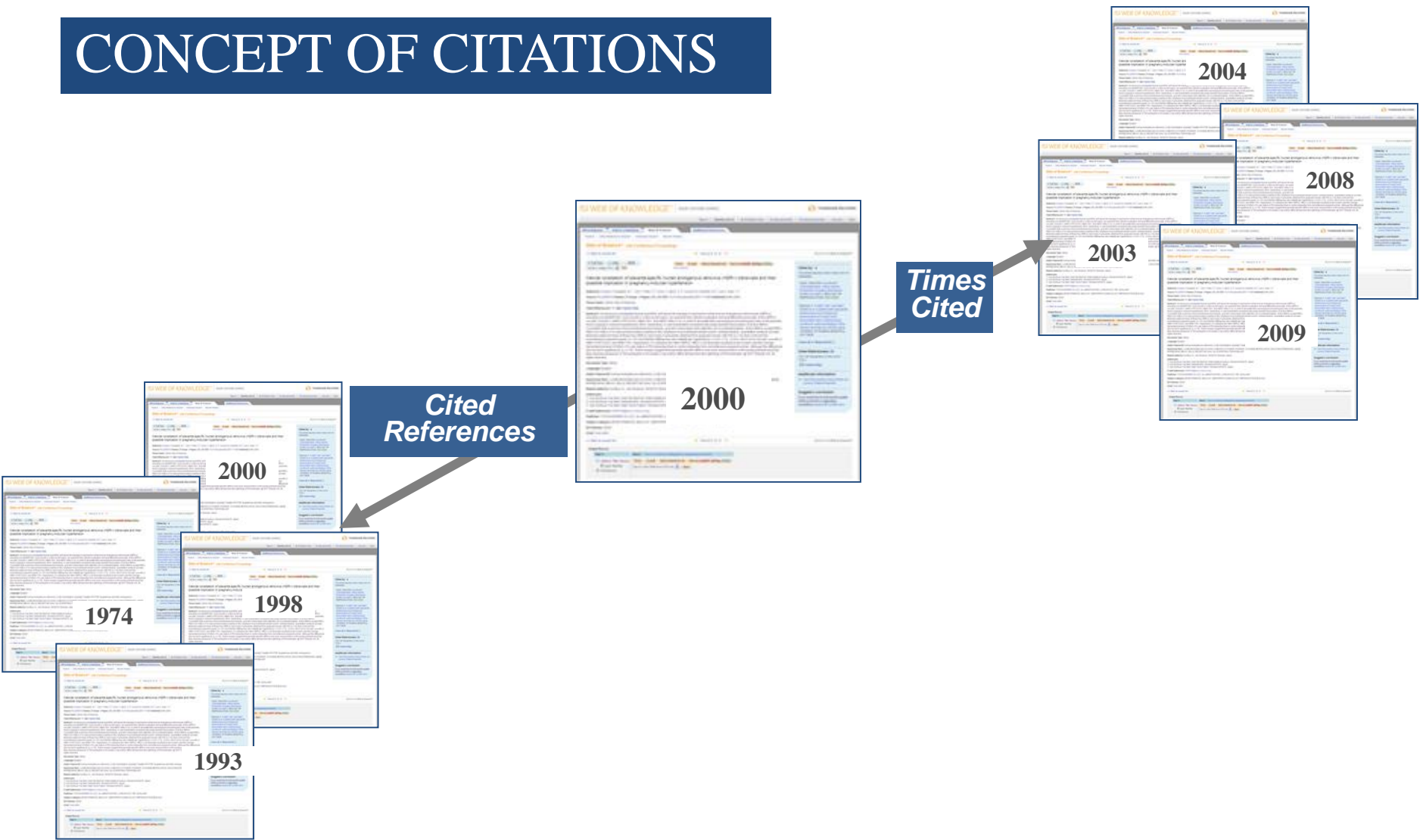
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- Development by self-digestion: Molecular mechanisms and biological functions of autophagy**
By: Levine, B; Klionsky, DJ
DEVELOPMENTAL CELL Volume: 6 Issue: 4 Pages: 463-477 Published: APR 2004
 [Full Text from Publisher](#) [View Abstract](#)
- Cell 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
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- 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
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- Guidelines for the use and interpretation of assays for monitoring autophagy**
By: Klionsky, Daniel J.; Abdalla, Fabio C.; Abeliovich, Hagai; et al.
AUTOPHAGY Volume: 8 Issue: 4 Pages: 445-544 Published: APR 2012
 [Full Text from Publisher](#) [View Abstract](#)
- 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
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- p62/SQSTM1 binds directly to Atg8/LC3 to facilitate degradation of ubiquitinated protein aggregates by autophagy**
By: Pankiv, Serhiy; Clausen, Terje Hoyvarde; Lamark, Trond; et al.
JOURNAL OF BIOLOGICAL CHEMISTRY Volume: 282 Issue: 33 Pages: 24131-24145 Published: AUG 17 2007
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- Methods in Mammalian Autophagy Research**
By: Mizushima, Noboru; Yoshimori, Tamotsu; Levine, Beth
CELL Volume: 140 Issue: 3 Pages: 313-326 Published: FEB 5 2010
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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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Abstract

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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Shared References: 15

- 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
 Full Text from
- 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
 Full Text from Publisher View Abstract
- 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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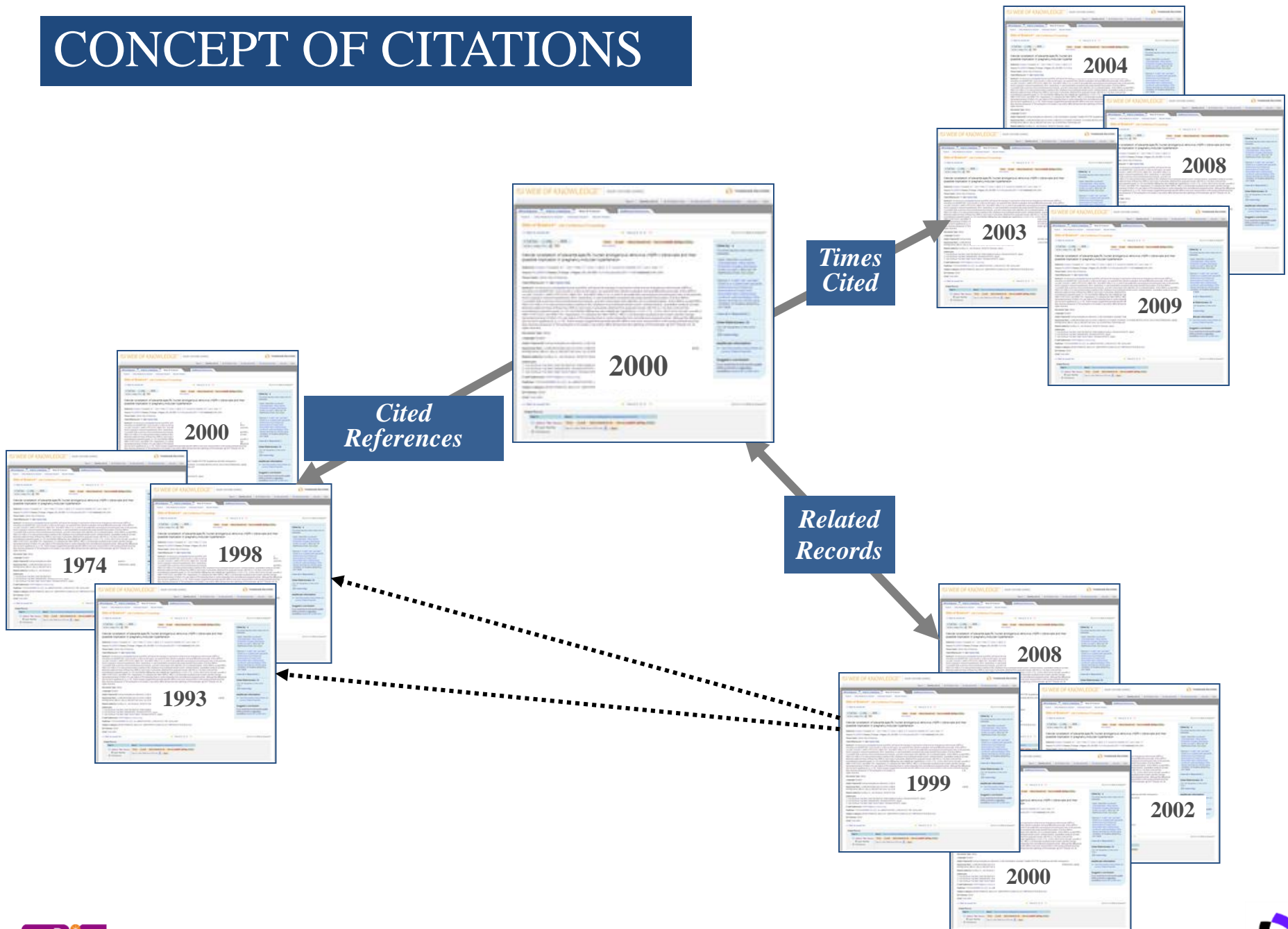
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LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing

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

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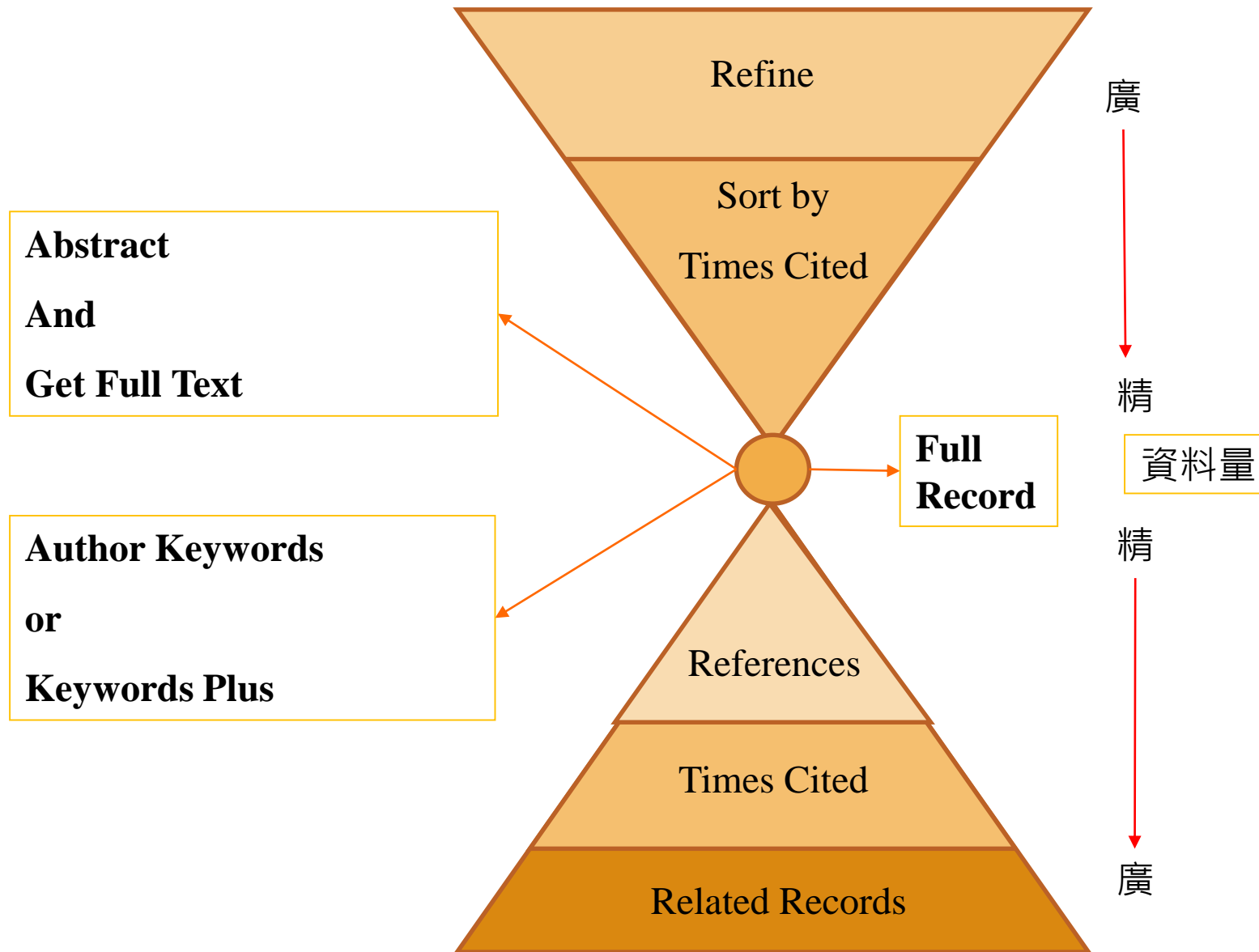
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By: Aalberse, RC (Aalberse, Rob C.)

NATURE BIOTECHNOLOGY

Volume: 26 Issue: 10 Pages: 1070-1071

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Published: OCT 2008

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Reprint Address: Aalberse, RC (reprint author)

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

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作者檢索

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彭鏡毅 研究員

回研究人員

Dr. Ching-I Peng **植物分類學與生物系統學**

[[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



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

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Sort by: Publication Date -- newest to oldest

Page 1 of 210

Select Page   Save to EndNote online Add to Marked List

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Usage Count

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)

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

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

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

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

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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 type="text" value="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

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: 作者	記錄數	佔 2093 筆的 %	長條圖	<input type="button" value="儲存分析資料至檔案"/>
<input checked="" type="checkbox"/>	KLIONSKY DJ	204	9.747 %	■	<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 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 %	■	

欄位: 作者 記錄數 佔 2093 筆的 % 長條圖

表格中顯示的資料列數
 所有資料列 (最多 200,000 筆)

(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 <input type="checkbox"/> 文件類型 <input type="checkbox"/> 編輯者 <input type="checkbox"/> 贊助機構	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

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="button" value="儲存分析資料至檔案"/>
<input type="checkbox"/>	USA	819	39.130 %	<div style="width: 39.130%;"></div>	<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 type="checkbox"/>	JAPAN	459	21.930 %	<div style="width: 21.930%;"></div>	
<input type="checkbox"/>	PEOPLES R CHINA	179	8.552 %	<div style="width: 8.552%;"></div>	
<input type="checkbox"/>	GERMANY	174	8.313 %	<div style="width: 8.313%;"></div>	
<input type="checkbox"/>	FRANCE	147	7.023 %	<div style="width: 7.023%;"></div>	
<input type="checkbox"/>	ENGLAND	115	5.495 %	<div style="width: 5.495%;"></div>	
<input type="checkbox"/>	NETHERLANDS	96	4.587 %	<div style="width: 4.587%;"></div>	
<input type="checkbox"/>	SPAIN	71	3.392 %	<div style="width: 3.392%;"></div>	
<input type="checkbox"/>	CANADA	65	3.106 %	<div style="width: 3.106%;"></div>	
<input type="checkbox"/>	AUSTRIA	57	2.723 %	<div style="width: 2.723%;"></div>	

欄位: 國家/地區 記錄數 佔 2093 筆的 % 長條圖

表格中顯示的資料列數
 所有資料列 (最多 200,000 筆)

(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 <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)。

<input type="checkbox"/>	欄位: 贊助機構	記錄數	佔 2093 筆的 %	長條圖
<input type="checkbox"/>	NIGMS NIH HHS	155	7.406 %	■
<input type="checkbox"/>	NATIONAL INSTITUTES OF HEALTH	132	6.307 %	■
<input type="checkbox"/>	NIH	108	5.160 %	■
<input type="checkbox"/>	NATIONAL NATURAL SCIENCE FOUNDATION OF CHINA	83	3.966 %	■
<input type="checkbox"/>	MINISTRY OF EDUCATION CULTURE SPORTS SCIENCE AND TECHNOLOGY OF JAPAN	62	2.962 %	■
<input type="checkbox"/>	NCI NIH HHS	44	2.102 %	■
<input type="checkbox"/>	WELLCOME TRUST	37	1.768 %	■
<input type="checkbox"/>	DEUTSCHE FORSCHUNGSGEMEINSCHAFT	34	1.624 %	■
<input type="checkbox"/>	JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE	26	1.242 %	■
<input type="checkbox"/>	NIDDK NIH HHS	25	1.194 %	■

欄位: 贊助機構

<input type="checkbox"/>	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

表格中顯示的資料列數

所有資料列 (最多 200,000 筆)

UNIV MICHIGAN

201

9.603 %



NATL INST BASIC BIOL

117

5.590 %



TOKYO INST TECHNOL

57

2.723 %



UNIV GRONINGEN

52

2.484 %



UNIV TOKYO

52

2.484 %



OSAKA UNIV

50

2.389 %



KYOTO UNIV

47

2.246 %



UNIV CALIF SAN DIEGO

46

2.198 %



JAPAN SCI TECHNOL AGCY

45

2.150 %



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

表格中顯示的資料列數

所有資料列 (最多 200,000 筆)

(688 個機構值超出顯示選項。)

(在分析的欄位中, 有 4 筆記錄(0.191%) 不包含資料。)



分析結果

研究領域分析

依此欄位將記錄分級: 設定顯示選項: 排序依據:

出版年份
研究領域
來源出版品標題
Web of Science 領域

顯示前 個結果。
記錄數下限 (臨界值)

記錄數
 所選欄位

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<input type="checkbox"/>	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 %	

欄位: 研究領域 記錄數 佔 2093 筆的 % 長條圖

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: 設定顯示選項: 排序依據:

出版年份
研究領域
來源出版品標題
Web of Science 領域

顯示前 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)。

<input type="checkbox"/>	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

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。)



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Results: 2,204

(from Web of Science Core Collection)

You searched for: TOPIC: (yeast) A
ND 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

☰ Analyze Results

- 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

📄 S·F·X

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

📄 S·F·X

Full Text from Publisher

View Abstract

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

Usage Count ▾

- 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

📄 S·F·X

Full Text from Publisher

View Abstract

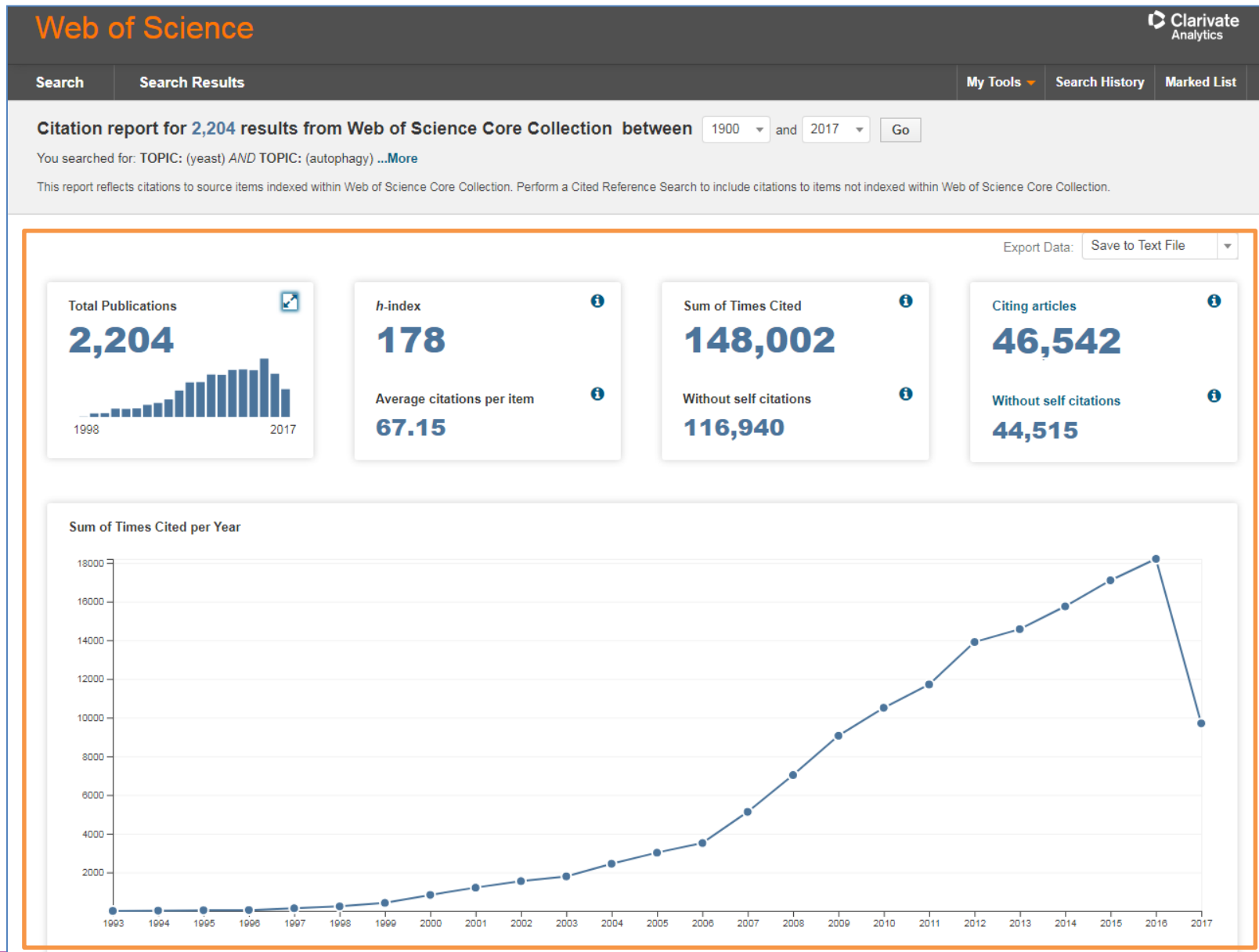
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or restrict to items published between 1900 and 2017

2013	2014	2015	2016	2017	Total	Average Citations per Year
14574	15756	17098	18208	9701	148002	5920.08
359	358	386	338	169	3512	195.11
130	104	70	64	24	3259	181.06
191	202	198	169	83	1848	142.15
165	179	167	174	65	1784	93.89

- 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

- 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

- 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

- 4. **Induction of autophagy and inhibition of tumorigenesis by beclin 1**

By: Liang, XH; Jackson, S; Seaman, M; et al.
NATURE Volume: 402 Issue: 6762 Pages: 672-676 Published: DEC 9 1999





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

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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

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編輯者

團體作者

語言

研究領域

Web of Science 索引

新增對OA期刊文章的檢索

- 3. **Atom-chip-based generation of entanglement for quantum metrology**

作者: Riedel, Max F.; Boehi, Pascal; Li, Yun; 等.
 NATURE 卷: 464 期: 7292 頁碼: 1170-1173 出版日期: APR 22 2010

 [出版者提供的全文](#) [檢視摘要](#)

被引用次數: 348
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 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

 [出版者提供的全文](#) [檢視摘要](#)

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 (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

 [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

 [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

 [出版者提供的全文](#) [檢視摘要](#)

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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

 [出版者提供的全文](#) [檢視摘要](#)

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使用情況計數 

檢視摘要和全文

您已檢索：
主題: ("Mobile Application") ...更多

建立追蹤

限縮結果

在結果內檢索...

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...

限縮

文件類型

- PROCEEDINGS PAPER (126)

選取頁面

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新增至勾選的清單

分析結果

建立引用文獻報告

被引用次數: 15
(從 Web of Science 核心合類)

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
碼: 11077-11087 出版日期: OCT 2009

全文 關閉摘要

S·F·X

位於出版者的網站

圖書館館藏

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- 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 -peer (P2P) networking have mber of applications utilizing vvergence of mobile and P2P ncreasing interest in the mobile

juxtapose (JXTA) and juxtap The MoSoSo application all communicate and share res present three facets of desi software design, network in interface design. The softw and tested on a variety of m setting. By studying the de MoSoSo, we hope to benef development community by insights into developing MP software. (c) 2009 Elsevier Ltd. All rights reserved.

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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...

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



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



1.

A short history of SHELX

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

被引用次數: 55,266
(從 Web of Science 核心合輯)

🏆 被高度引用的論文

使用情況計數 ▾



2.

THE MOS 36-ITEM SHORT-FORM HEALTH SURVEY (SF-36) .1. CONCEPTUAL-FRAMEWORK AND ITEM SELECTION

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

被引用次數: 17,853
(從 Web of Science 核心合輯)

使用情況計數 ▾



3.

The Mini-International Neuropsychiatric Interview (MINI): The development and validation of a structured diagnostic psychiatric interview for DSM-IV and ICD-10

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: 8,731
(從 Web of Science 核心合輯)

使用情況計數 ▾



檢索歷史

Web of Science InCites Journal Citation Reports Essential Science Indicators EndNote Publons

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 3

檢索歷史

Web of Science 核心合輯

深入瞭解

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	主體: (design) AND 主體: (development) 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		編輯	<input type="radio"/> AND <input type="radio"/> OR 組合	<input type="checkbox"/> 全選 刪除
# 1	1	主體: ("design and development of a mobile peer-to-peer social networking application") 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		編輯	<input type="radio"/> AND <input type="radio"/> OR 組合	<input type="checkbox"/> 全選 刪除



註冊/登入帳密

Web of Science InCites Journal Citation Reports Essential Science Indicators EndNote Publons

Web of Science

檢索

選取資料庫

Web of Science 核心合輯

[深入瞭解](#)

登入 說明 繁體中文

- 登入
- 註冊
- 登出

Clarivate Analytics

勾選的清單 3

[查看全新的引用文獻報告。](#)

註冊

基本檢索 參考文獻檢索

design

AND

development

電子郵件地址：
重新輸入電子郵件地址：

繼續 | 取消

備註：如果您已經註冊使用 Clarivate Analytics 的產品或服務，請登入。

為何要註冊 Web of Science？

- 自動登入
- 存取已儲存的檢索條件和檢索歷史
- 建立追蹤
- 新增參考文獻至 EndNote 圖書館
- 選取慣用的起始資料庫或產品
- 更新您的個人資訊

註冊

電子郵件地址：
重新輸入電子郵件地址：

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備註：如果您已經註冊使用 Thomson Reuters 的產品或服務，請登入。

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- 建立追蹤
- 新增參考文獻至 EndNote 圖書館
- 選取慣用的起始資料庫或產品
- 更新您的個人資訊

* 電子郵件地址: 789@gmail.com

* 名字:

* 姓氏:

中間名首字母: (選用)

* 密碼:

密碼準則

必須是 8 個 (含) 以上的字元 (沒有空格) 並包含:

- 至少 1 個數字: 0 - 9

- 至少 1 個英文字元 (區分大小寫)

- 至少 1 個符號: ! @ # \$ % ^ * () ~ ` { } [] & _

範例: 1sun%moon

紅色星號的欄位
請確實填寫

* 重新輸入新密碼:

* 主要職務:

* 主題領域:

使用的書目軟體:

- * 參加/退出:
- 透過電子郵件收到訓練資料、通知、公告及其他資料。
 - 不要透過電子郵件收到訓練資料、通知、公告及其他資料。

- 自動登入:
- 讓我自動登入。
(如果要在每次存取 Web of Science 時自動登入, 請選取此項。此功能採用了 Cookie 技術。)
 - 我正在使用公用電腦或不想自動登入
(公用電腦的使用者應選取此選項。)

* 條款與條件:

WEB OF SCIENCE 使用規定: 您可以存取本產品、從本產品下載或擷取合理數量的資料以滿足您個人或工作上執行活動之所需, 並在您的文件或報告中包含所擷取資料的非實質部分, 但是須符合下列條件: 您的著作文件或報告必須有利於 (而且屬於) 貴機構, 或此種文件或報告是專為第三方 (非貴機構) 的利益所著, 而且所擷取資料對於此種文件或報告無關緊要, 純粹供說明示範之用。

Thomson Reuters 會將您的下載活動與所有使用同項產品的客戶年平均下載量進行比較, 以決定「合理數量」的下載資料, Thomson Reuters 所謂所下載資料的「非實質部分」, 係指取自本產品的資料數量 (1) 本身不具有顯著商業價值; 且 (2) 不能被無權存取本產品的他人做為存取 Thomson Reuters 產品的替代手段。

我已閱讀也同意這些條款與條件。

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| 取消



建立定題追蹤

Web of Science

Clarivate Analytics

檢索

我的工具

檢索歷史

勾選的清單

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

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)

排序

儲存檢索歷史

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)

建立追蹤後，即可使用 RSS 資訊來源。

儲存至本機磁碟
將您的歷史儲存

儲存

儲存檢索歷史

已成功建立您的檢索歷史/追蹤。

歷史名稱: yeast and autophagy

描述:

查詢: 主題: (yeast) AND 主題: (autophagy)

追蹤: 開啟

電子郵件地址: fion@sris.com.tw

類型: 作者、標題、來源

格式: 純文字

頻率: Weekly

RSS Feed

若要修改您的追蹤，使用頁面頂端工具列存取「已儲存的檢索條件」。

關閉

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
(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)

計數

次數: 1,850
of Science 核心合

計數



建立引文追蹤

LC3, a mammalian homologue of 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 fat 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.

建立引用文獻追蹤

每當文獻被引用時，您會自動收到電子郵件追蹤。

電子郵件地址：

電子郵件格式：
純文字

到期日：2018-08-01

建立追蹤後，即可使用 RSS 資訊來源。

引用文獻網路

3,516 被引用次數
31 參考文獻
檢視 Related Records

(資料來自 Web of Science 核心合輯)

所有被引用次數計數

- 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

已儲存的檢索與追蹤

檢索

我的工具 檢索歷史 勾選的清單

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

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

排序依據： 被引用次數 -- 最高到最低

選取頁面   **5K** 儲存至 EndNote online 新增至勾選的清單

1. [LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing](#) 被引用次數: 3,516
(從 Web of Science 核心合輯)
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](#)
使用情況計數
2. [A comprehensive analysis of protein-protein interactions in Saccharomyces cerevisiae](#) 被引用次數: 3,259
(從 Web of Science 核心合輯)
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](#)
使用情況計數
3. [Bcl-2 antiapoptotic proteins inhibit Beclin 1-dependent autophagy](#) 被引用次數: 1,850
(從 Web of Science 核心合輯)
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

已儲存的檢索與追蹤

EndNote

ResearcherID

已儲存的檢索與追蹤

 [建立引用文獻報告](#)
 [分析結果](#)

頁，共 221 頁



已儲存的檢索條件

已儲存的檢索與追蹤

<< 回到上一頁

引用文獻追蹤

期刊追蹤

已儲存的檢索條件

全選

已儲存的檢索	資料庫	RSS 資訊來源	追蹤狀態	追蹤選項	編輯
<input 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	編輯
<input 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	編輯

提醒通知
可維持
24週



引用文獻追蹤

已儲存的檢索與追蹤

<< 回到上一頁

引用文獻追蹤

期刊追蹤

已儲存的檢索條件

全選

	作者/標題	被引用次數	RSS 資訊來源	追蹤狀態	追蹤選項	編輯
<input type="checkbox"/>	ALESSI, S. FIDELITY IN THE DESIGN OF INSTRUCTIONAL SIMULATIONS	81		開啟 到期: 2018-03-16 <input type="button" value="更新"/>	電子郵件地址: max@sris.com.tw 格式: 純文字	編輯
<input type="checkbox"/>	Kabeya, Y. LC3, a mammalian homologue of yeast Apg8p, is localized in autophagosome membranes after processing	3689		開啟 到期: 2018-08-02 <input type="button" value="更新"/>	電子郵件地址: max@sris.com.tw 格式: 純文字	編輯

全選

提醒通知
可維持1年

Reference

參考文獻格式的正確與否直接關係著我們文章投稿的成功率。



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。

即使是最高水準的期刊，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。

參考文獻格式要求不盡相同

- 不同領域
- 不同期刊
- 不同院校的碩博士論文

EndNote®

匯出至EndNote單機版

結果數： 144

(從 Web of Science 核心合輯)

您已檢索：

主題：("Mobile Application") ...更多

建立追蹤

限縮結果

在結果內檢索...

Web of Science 領域

- COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE (144)
- COMPUTER SCIENCE INFORMATION SYSTEMS (51)

排序依據： 被引用次數 -- 最高到最低

第 1 頁，共 15 頁

選取頁面



- 儲存至 EndNote Online
- 儲存至 EndNote Online
- 儲存至 EndNote Desktop
- 儲存至 ResearcherID - 我撰寫這
- 儲存為其他檔案格式

新增至勾選的清單

分析結果

建立引用文獻報告

被引用次數: 15

(從 Web of Science 核心合輯)

被引用次數: 14

(從 Web of Science 核心合輯)

1. **Design and development of 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, Keam-Sung; Cho, Sung-Bae
EXPERT SYSTEMS WITH APPLICATIONS 卷: 36 期: 10 頁
碼: 12065-12075 出版日期: DEC 2009

全文

檢視摘要

傳送至 EndNote

3 筆選取的記錄

記錄內容: 完整記錄

傳送

取消



匯出至EndNote單機版管理

The screenshot displays the EndNote X8 interface. The main window shows a list of references in a table. The table has columns for Code, Title, Author, Reference Type, Journal/Secondary Title, and Year. Three references are listed and highlighted with an orange border:

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 interface also shows a left sidebar with a library tree, a top menu bar, and a bottom panel with tabs for Reference, Preview, and Attached PDFs. The Attached PDFs tab is currently active and displays the message: "There are no PDFs attached to this reference."



EndNote online

collect, manage, share and format
your references

Select a database

Web of Science Core Collection

[Learn More](#)

Saved Searches & Alerts

EndNote

ResearcherID

[Check out the new citation report.](#)

Basic Search

Cited Reference Search

Advanced Search

Author Search

Structure Search

– L

[Click here for tips to improve your search.](#)

Example: oil spill* mediterranean



Topic



AND



Example: oil spill* mediterranean



Topic



Search

[+ Add Another Field](#) | [Reset Form](#)

匯至EndNote Online管理

Thomson Reuters



EndNote™ 我的參考文獻 收集 整理 設定格式 比對 選項 下載

顯示入門指南

快速檢索

檢索

於 我的所有參考文獻

檢索

我的參考文獻

我的所有參考文獻 (819)

[未歸檔] (711)

快速清單 (0)

資源回收筒 (2) 清空

我的群組

Chiroptera (12)

colon cancer (4)

Corvids (18)

Echolocation (6)

long term care (4)

Parrots (24)

我的所有參考文獻

每個頁面顯示 50 筆

◀◀ 頁面 1 , 共 17 頁 執行 ▶▶

Working on a group project? Check out Library Sharing on X8



關閉

全部 頁面 新增至群組... 複製到快速清單 刪除

排序依據: 第一作者 -- A 到 Z

作者+	年份	標題
<input type="checkbox"/> Aberg, F.	2016	From prolonging life to prolonging working life: Tackling unemployment among liver-transplant recipients World J Gastroenterol 新增到圖書館: 05 Jun 2017 上次更新時間: 05 Jun 2017 線上連結→ 移至 URL
<input type="checkbox"/> Ahluwalia, S. S.	2007	Microbial and plant derived biomass for removal of heavy metals from wastewater Bioresource Technology 新增到圖書館: 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 全文

Collect and manage references



書目

參考文獻： 選取...

書目樣式： 選取... 選取我的最愛

檔案格式： 選取...

儲存

電子郵件

預覽和列印

1. Abdullah, A.; Roxburgh, C. J.; Sammes, P. G., Photochromic crowned spirobenzopyrans: Quantitative metal-ion chelation by UV, competitive selective ion-extraction and metal-ion transportation demonstration studies. *Dyes and Pigments* 2008, 76, 319-326.
2. Ahmed, S. A.; Tanaka, M.; Ando, H.; Iwamoto, H.; Kimura, K., Synthesis and photochromism of novel chromene derivatives bearing a monoazacrown ether moiety. *European Journal of Organic Chemistry* 2003, 2437-2442.
3. Ahmed, S. A.; Tanaka, M.; Ando, H.; Iwamoto, H.; Kimura, K., Oxymethylcrowned chromene: photoswitchable stoichiometry of metal ion complex and ion-responsive photochromism. *Tetrahedron* 2004, 60, 3211-3220.
4. Ahmed, S. A.; Tanaka, M.; Ando, H.; Tawa, K.; Kimura, K., Fluorescence emission control and switching of oxymethylcrowned spirobenzopyrans by metal ion. *Tetrahedron* 2004, 60, 6029-6036.
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Referene

Kabeya, Y., Mizushima, N., Uero, T., Yamamoto

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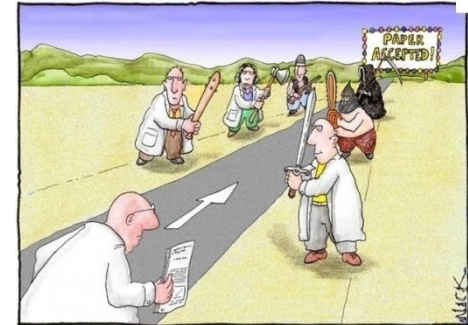
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Design and development networking application

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

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卷: 36 期: 8 頁碼: 11077-11087

DOI: 10.1016/j.eswa.2009.02.093

出版日期: OCT 2009

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摘要

The proliferation of wireless and mobile devices has created a large demand for mobile software applications. The realization and widespread usage of portable devices has led to a large number of applications utilizing these technologies. This has generated increasing interest in the mobile design and development of a mobile social networking application (JXTA) and juxtapose for Java Mobile discover, communicate and share resources. MoSoSo: object-oriented software design, software has been fully implemented and By studying the design and implementation

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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 CpG/CpNpG islands and tandem repeats. to be displayed. The regulatory elements in the conserved

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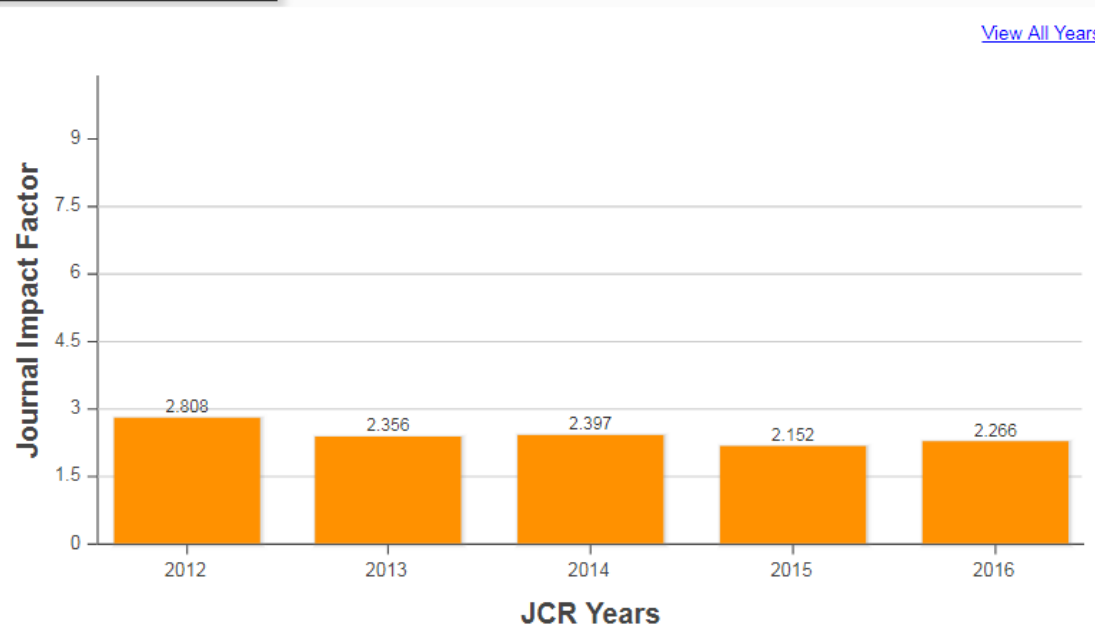


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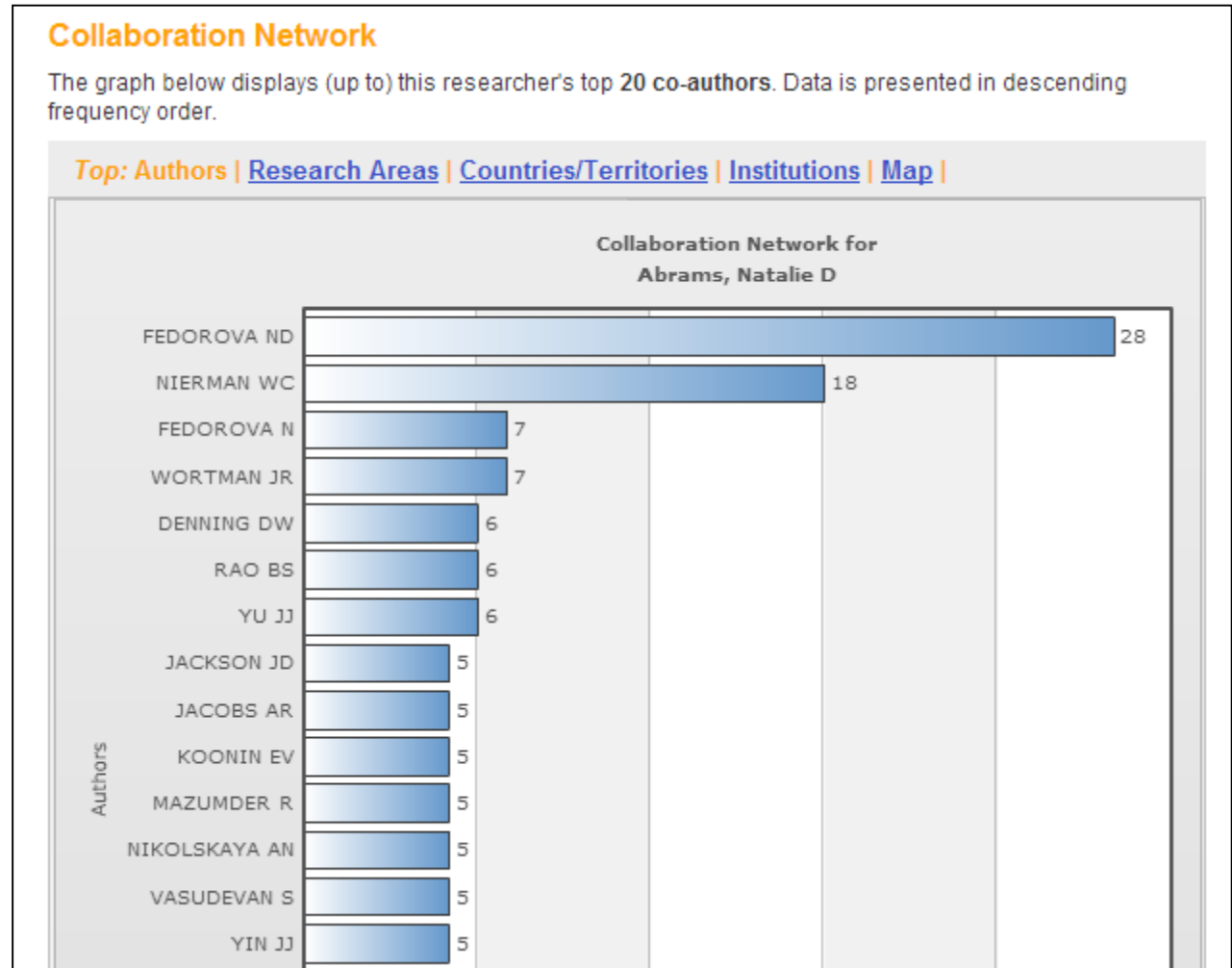
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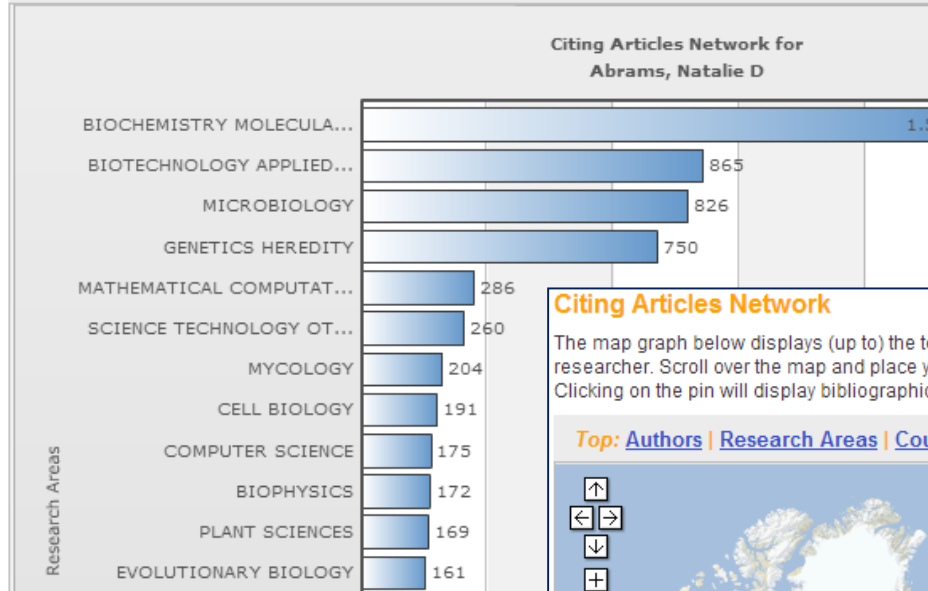


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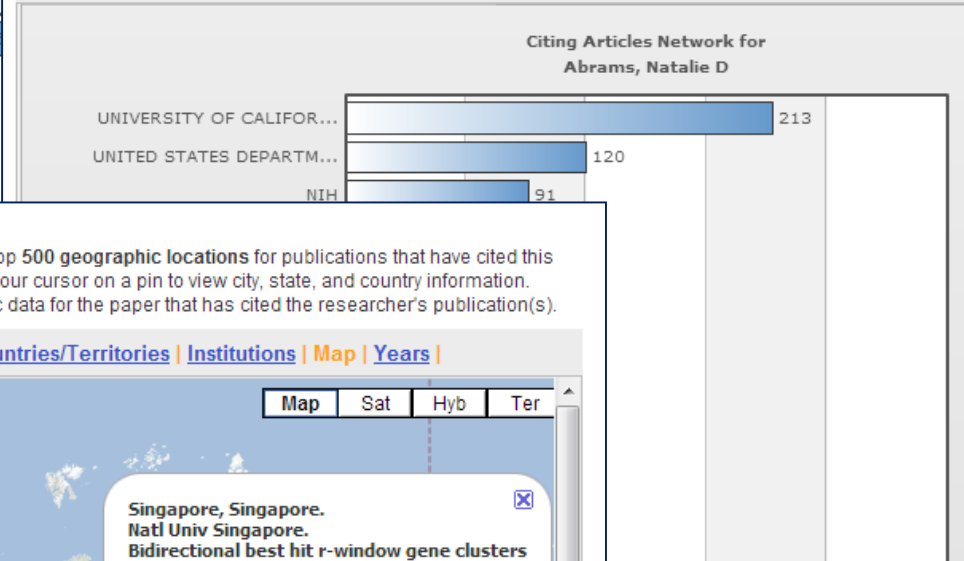
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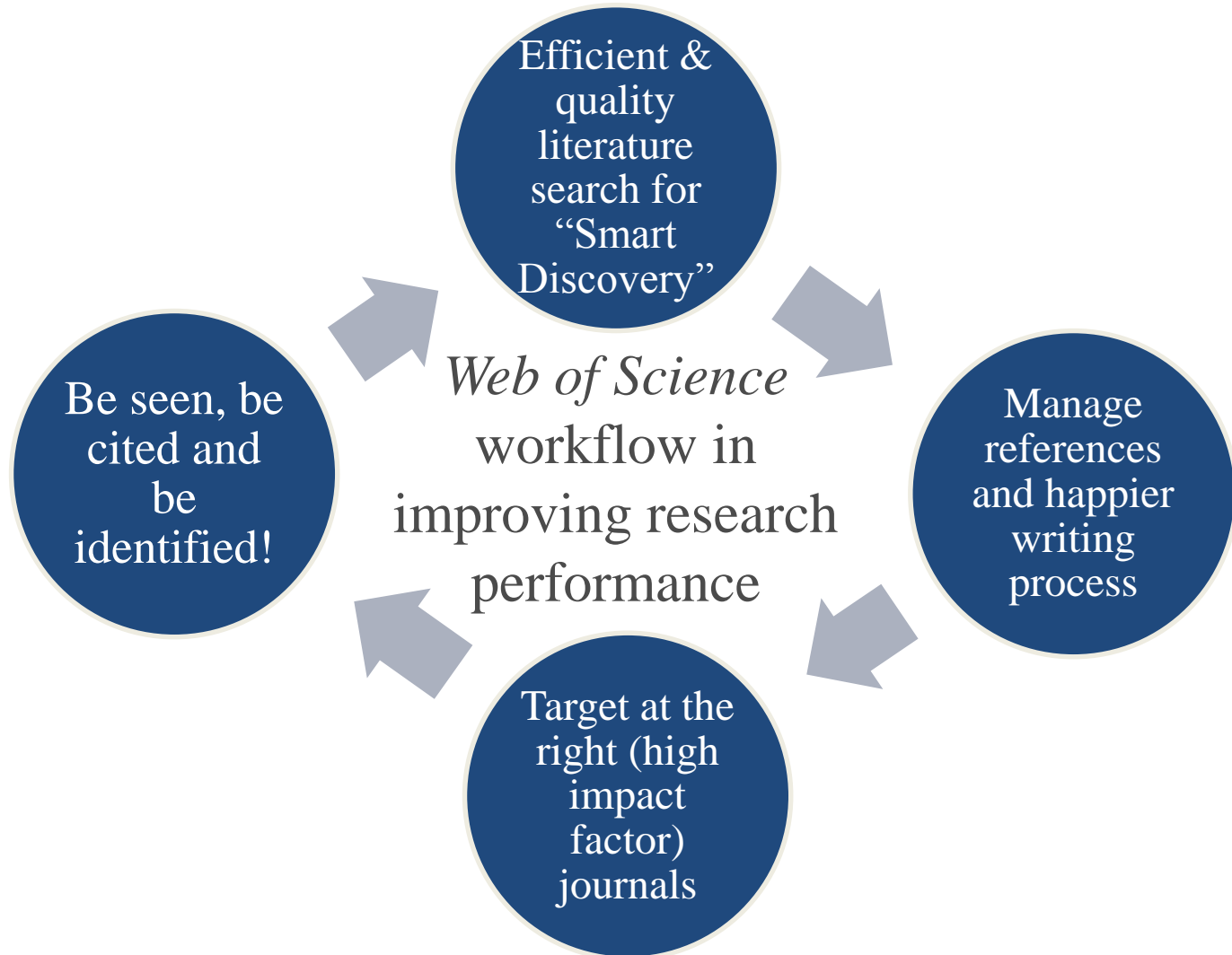
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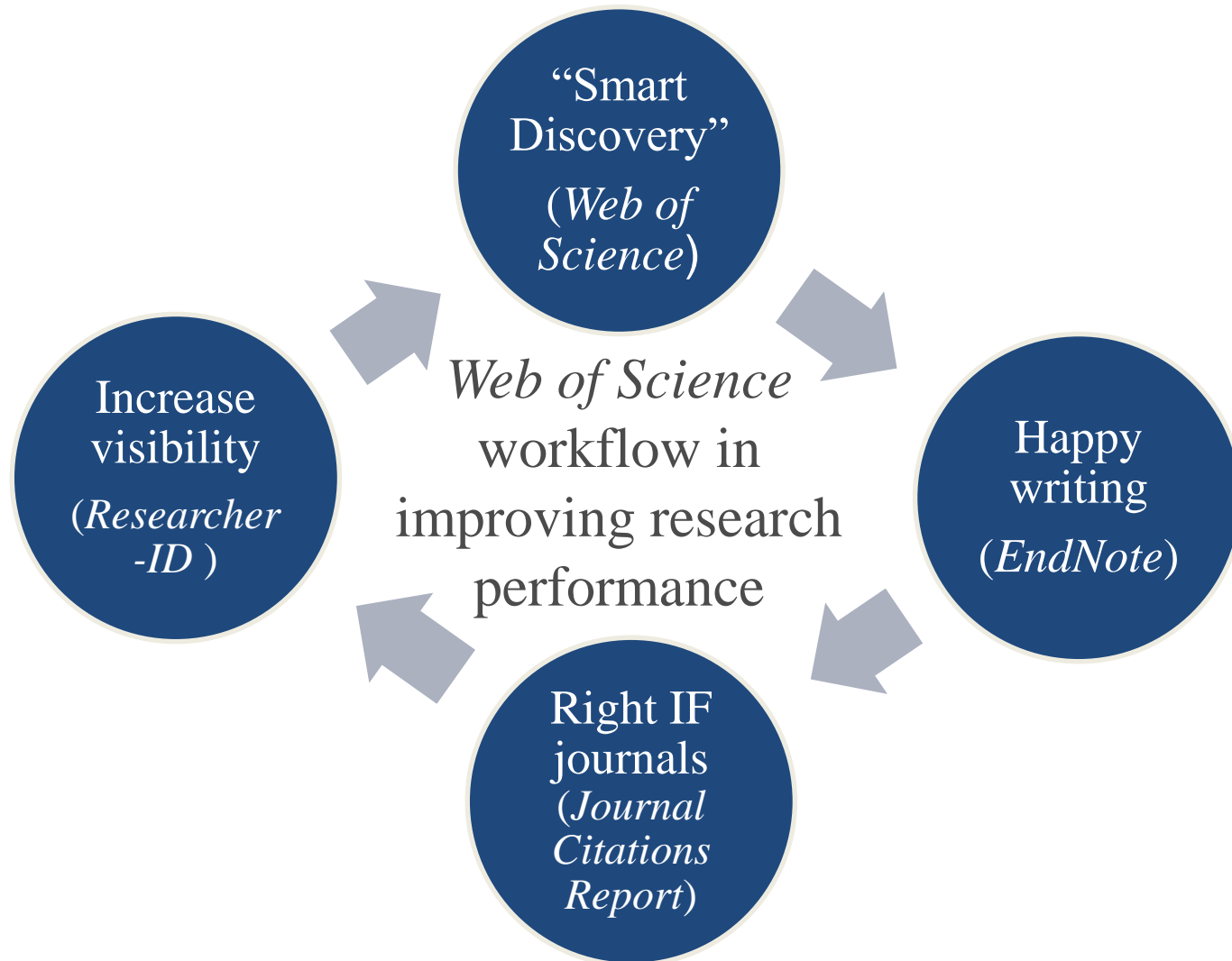
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WOS攻略大公開!快速完成學術評鑑/國科會C302資料文件

活動時間：即日起至2016年12月31日
活動內容：申請截止日期快到了怎麼辦?學術評鑑、國科會申請表格內容繁多，WOS攻略指南幫助您快速整理研究成果，輕鬆完成備審資料!

詳情請見：[活動網站](#)

Online

• 教育訓練課程服務 •

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：

services@customer-support.com.tw

專人服務時間：週一～週五 9:00~17:30

