

Find the **most important research** in Biology and Medicine

**Not enough time to read all the literature? Faculty Opinions has it covered.**

Research from over 45 faculties and 200+ disciplines filtered, evaluated and recommended by experts

[Register For Free Access](#)

### Introducing Collections

Curated selections of our Faculty's recommendations highlighting significant research across disease states, therapy areas, hot topics, emerging trends and novel research.

[Article Recommendations](#)

[Meet the Faculty](#)

[Faculty Reviews Journal](#)

# Faculty Opinions 生物醫學類核心論文評選 使用指引

與 [H1](#) 一起，成為了解生命科學和醫學最新研究趨勢的首選平台，**Faculty Opinions生物醫學類核心論文評選** 展望未來科學和醫學界更公平地獲取專家意見。(\*H1 於2022年收購Faculty Opinions)

自 2022 年 5 月以來，為了讓更多的研究人員受益於核心論文評選與學者專家的見解，Faculty Opinions 提供**免費**檢索瀏覽**235,000 篇以上核心論文評選**（由專家個別評論）。

『專家評論』 [Faculty Reviews](#)，與當中的『里程碑評估』Landmark Evaluations（由專家小組評論）是**付費訂閱機構的進階功能**，提供更深入的文獻評論，為讀者提供更多背景和分析。

付費進階功能還包括：

- **人工智能檢索**：可以「學習」和「發現」與您的興趣最相關的文章
- **論文評等**：篩選、優化和評估研究建議的指標
- **培訓和用戶支持**：線上培訓課程與協助

**核心論文評選**

專家對 45 多個生命和醫學科學學院的最新醫學研究提出精要的評論。

**認識學者專家群**

檢索並關注我們的學者專家，了解他們的研究見解和建議。

**學者專家評論期刊**

深入了解生命科學和醫學領域的最新進展和新興概念。

# 1. 登入...(1)

- 訂閱機構已鎖IP可直接檢索
- 註冊/登入個人帳號可存取檢索結果

The screenshot shows the Faculty Opinions website. At the top, there is a navigation bar with the logo and the text "Faculty Opinions". To the right of the logo are several menu items: "Article Recommendations", "Collections", "Rankings", "The Faculty", and "Faculty Reviews". The "Faculty Reviews" item is circled in red with the number "1" inside. To the right of the navigation bar is a "Sign In" button, also circled in red. Below the navigation bar is a large banner with the text "Introducing Collections" and a description: "Curated selections of our Faculty's recommendations highlighting significant research across disease states, therapy areas, hot topics, emerging trends and novel research." Below the banner are three main sections: "Article Recommendations", "Meet the Faculty", and "Faculty Reviews Journal". Each section has a brief description and a "Browse Recommendations", "Explore Faculty Members", or "Premium Content" button respectively. The "Article Recommendations" section features a recommended article titled "Probing the dynamic RNA structurome and its functions." by Spitale RC, Incarnato D, dated 2023 Mar. It includes a "Latest recommendation by:" section with a profile picture and name "Andrei Ursu" and the date "27 Feb 2023". Below this are several tags: "Confirmation", "Good for Teaching", "Interesting Hypothesis", "New Finding", "Novel Drug Target", and "Review / Commentary". The "Meet the Faculty" section lists three members: "Andrei Ursu" (Bayer AG, Germany), "Thomas Linder" (Luzerner Kantonsspital, Switzerland), and "Oliver Gross" (University of Göttingen Medical Center). The "Faculty Reviews Journal" section features a review titled "A novel NINJ1-mediated regulatory step is essential for active membrane rupture and common to different cell death pathways" by Catarina Dias, Veit Hornung, and Jesper Nylandsted. It is from "Faculty Reviews 11:(41)" and published on "29 Dec 2022". Below the review title is a "Landmark" badge with a score of "93.6".

[Browse Recommendations](#)

[Explore Faculty Members](#)

[Premium Content](#)

# 1. 登入/登出...(2)

**Create your FREE account**  
All fields are required


First Name

Last Name

Email


Password


Stay up to date with Faculty Opinions news, product announcements and event invitations.

我不是機器人  reCAPTCHA  
隱私權 · 條款

By registering I agree to the [Terms](#)

**Create Free Account**

 Sign in with Google

 Sign in with Facebook


**Sign In**


Username/Email

Password

Remember me [Forgot Password?](#)

**Sign In**

 Sign in with Google

 Sign in with Facebook

Need an account? [Register](#)

Faculty Reviews **Profile ^**

My Details

Get Access

**Sign Out**

- 註冊/登入/登出個人帳號可存取檢索結果

## 2. 我的個人帳戶資料夾...(1)

The screenshot shows the Faculty Opinions website interface. At the top left is the logo and name "Faculty Opinions". The top navigation bar includes "Article Recommendations", "Collections", "Rankings", "The Faculty", and "Faculty Re". A user profile icon with the number "2" is highlighted, and a dropdown menu is open showing "Profile ^", "My Details", and "Sign Out". Below the navigation is a search bar with the text "Find the most important research in Biology and Medicine" and a "Keyword search" button. The main content area is divided into three columns. The left column contains "MY ACCOUNT" (with sub-items: Home, Selected Sections, Stored Searches, Faculty I'm Following, My Saved/Followed Articles, Email Alerts, My Details), "Guide to My Account", and "NOMINATE AN ARTICLE". The middle column contains a list of account management options: "回到首頁", "選閱單元", "儲存的論文評選" (with sub-item "+ 人工智能檢索 + 推薦的論文評選"), "追蹤的論文評選專家", "儲存/追蹤的論文評選", "電子郵件通知(追蹤的論文評選)", and "個人資料". Below this is "我的個人帳戶指引" and "推薦論文給 Faculty Opinions". The right column contains "SMARTSEARCHES" (with text "You haven't stored any Faculty Opinions SmartSearches." and a "Create SmartSearch" button) and "FACULTY OPINIONS" (with a list of items: "test\_0117" and "liver cancer\_20230117").

**MY ACCOUNT**

- Home
- Selected Sections
- Stored Searches
  - SmartSearches
  - Recommended Article searches
- Faculty I'm Following
- My Saved/Followed Articles
- Email Alerts
- My Details

**Guide to My Account**

**NOMINATE AN ARTICLE**

Please nominate articles you think should be considered for inclusion in Faculty Opinions. Nominations will be reviewed by appropriate Faculty Members.

PMID or DOI

Continue

- 回到首頁
- 選閱單元
- 儲存的論文評選
  - + 人工智能檢索 + 推薦的論文評選
- 追蹤的論文評選專家
- 儲存/追蹤的論文評選
- 電子郵件通知(追蹤的論文評選)
- 個人資料

» Recommended Article Search. Create searches on Faculty Opinions's Article Recommendations to discover which articles your colleagues are recommending.

**SMARTSEARCHES**


You haven't stored any Faculty Opinions SmartSearches.


Create SmartSearch

**FACULTY OPINIONS**

- » test\_0117
- » liver cancer\_20230117

## 2. 我的個人帳戶資料夾...(2)

 **Faculty Opinions**

[Article Recommendations](#) [Collections](#) [Rankings](#) [The Faculty](#) [Faculty Re](#) **2** [Profile](#) 

Find the most important research in Biology and Medicine

**MY ACCOUNT**  
[Home](#)  
**Selected Sections**  
[All Articles](#)  
**Stored Searches**  
[SmartSearches](#)  
**Faculty I'm Following**  
**My Saved/Followed Articles**  
**Email Alerts**  
**My Details**

**選閱單元**

**Guide to My Account**

**NOMINATE AN ARTICLE**  
Please nominate articles you think should be considered for inclusion in Faculty Opinions. Nominations will be reviewed by appropriate Faculty Members.

### Edit Sections

To create a content feed of the most relevant Recommended Articles, select the subject areas (Sections) below that cover your area of interest: drill down into each Faculty and pick the Sections from the list. This content will appear in Faculty Opinions (viewable by Section and by All Articles) and you can also set up an email alert at a frequency to suit you.

Click "Update" to save your changes.

**Biology**  **Medicine**  **All**

**Sections in this Faculty**

- Biocatalysis
- Bioinorganic Chemistry
- Biomacromolecule-Ligand Interactions
- Biomimetic Chemistry
- Cell Signaling & Trafficking Structures
- Chemical Biology of the Cell
- Directed Molecular Evolution
- Experimental Biophysical Methods
- Macromolecular Assemblies & Machines
- Macromolecular Assembly & Chemistry
- Membrane Proteins & Their Functional Complexes
- Protein Chemistry & Proteomics
- Protein Folding & Dynamics
- Small Molecule Chemistry
- Structure: RNA & DNA
- Structure: Replication, Recombination & Repair
- Structure: Transcription & Translation
- Theory & Simulation

**Sections Added**

- Immune & Inflammatory Rheumatic Diseases (incl. Arthritis)
- Neuronal Signaling Mechanisms

**選擇感興趣的單元到右邊框格→更新**

## 2. 我的個人帳戶資料夾...(3) Smart Search (1)

**MY ACCOUNT**  
Home  
Selected Sections  
**Stored Searches**  
SmartSearches  
  
Faculty I'm Following  
My Saved/Followed Articles  
Email Alerts  
My Details  
  
Guide to My Account  
  
NOMINATE AN ARTICLE  
Please nominate articles you think should be considered for inclusion in Faculty Opinions. Nominations will be reviewed by appropriate Faculty Members.

**Faculty Opinions » Stored Searches »**  
**New SmartSearch**  

The SmartSearch uses a group of representative articles as a template to find newly published articles that are likely to be of most relevance and interest to you. Seed your SmartSearch with a group of related articles below using their PubMed IDs (PMIDs), and the SmartSearch will retrieve the articles it considers most related to those seeds. We recommend you use at least 5 seed articles, although only one is required.

You will see the first set of results immediately; we recommend that you use these results to refine your SmartSearch by clicking 'Relevant' or 'Not Relevant' - SmartSearch will learn from your responses and improve the results each time. (NB you don't have to interact with all the articles.)

You will receive an email alert at the frequency requested but we will only email you when relevant results are found. As the SmartSearch will exclude non-relevant articles, you should expect to only receive a few articles in each alert. You should continue to choose 'Relevant' or 'Not Relevant' on new results returned if you wish to further refine your SmartSearch.

**Name this Search**  Required  
  **命名此智能檢索**

**Add Article Seeds**  Required  
  **貼上PMID**  
**Rapid disuse atrophy of diaphragm fibers in mechanically ventilated humans.**  
Levine S, Nguyen T, Taylor N, Frisolia ME, ..., Kaiser LR, Rubinstein NA, Powers SK, Shrager JB. *N Engl J Med* 2008 Mar 27; 358(13):1327-1335

**A trial of intraoperative low-tidal-volume ventilation in abdominal surgery.**  
Futier E, Constantin JM, Paugam-Burtz C, Pascal J, ..., Bazin JE, Pereira B, Jaber S, IMPROVE Study Group. *N Engl J Med* 2013 Aug 01; 369(5):428-437

**Set Email Frequency**  
 Every 7 days  Every 14 days  Every 21 days **選擇收到email通知頻率**



## 2. 我的個人帳戶資料夾...(3) Smart Search (2)

**MY ACCOUNT**

Home  
Selected Sections  
Stored Searches

SmartSearches  
**Create search**

Faculty I'm Following  
My Saved/Followed Articles  
Email Alerts  
My Details

Guide to My Account

**NOMINATE AN ARTICLE**

Please nominate articles you think should be considered for inclusion in Faculty Opinions. Nominations will be reviewed by appropriate Faculty Members.

PMID or DOI

**Continue**

Faculty Opinions » Stored Searches »

### Lung cancer

We recommend that you use these results to tailor your SmartSearch further by clicking 'Relevant' or 'Not Relevant' - SmartSearch will learn from your responses and improve the results each time. (NB you don't have to interact with all the articles.)

If there are no results or the majority of the results below are not relevant, you can change your original seed articles

**Aldh1a1 and Sc125a30 in diaphragmatic dysfunction.**  
Zhang D, Hao W, Li X, Han P, Niu Q. *Exp Biol Med (Maywood)* 2022 Apr 11

Relevant  Not Relevant

**Intraoperative protective mechanical ventilation in patients requiring emergency abdominal surgery: the multicentre prospective randomised IMPROVE-2 study protocol.**  
Khaled L, Godet T, Jaber S, Chanques G ... Bourdier J, Araujo L, Futier E, Pereira B. *BMJ Open* 2022 May 06; 12(5):e054823

Relevant  Not Relevant

**Intraoperative low tidal volume ventilation and the risk of ICD-10 coded delirium and the use for antipsychotic medications.**  
Karalapillai D, Weinberg L, Neto AS, Peyton PJ ... Wilson A, Eastwood G, Bellomo R, Jones DA. *BMC Anesthesiol* 2022 May 16; 22(1):149

Relevant  Not Relevant

**Association between histological diaphragm atrophy and ultrasound diaphragm expiratory thickness in ventilated patients.**  
Dot I, Pérez-Terán P, Francés A, Díaz Y ... Barreiro E, Rodríguez-Fuster A, Mascians JR, Marin-Corral J. *J Intensive Care* 2022 Aug 19; 10(1):40

Relevant  Not Relevant

儲存此SmartSearch



# 3.論文推薦- 檢索...(1)

Faculty Opinions **3** Article Recommendations Collections Rankings The Faculty Faculty Reviews Profile ▾

Find the **most important research** in Biology and Medicine

## Article Recommendations

195,808 results |

Showing 1-10 of 195,808 Results per page 10 ▾ Sort ▾

Filter	Advanced Search
Faculty ▾	
Section ▾	
Collection ▾	
Classified As ▾	
Rated As ▾	
Article Type ▾	
Exclude Preprints ▾	
Recommended In ▾	
Article Published ▾	

**篩選條件:**

- 1.科系
- 2.科別
- 3.彙編
- 4.分類
- 5.評等
- 6.論文類型
- 7.排除預印本
- 8.評論期別
- 9.論文期別

al of bardoxolone methyl in alport syndrome: when marketing interests  
ients clinical needs.  
2023 Feb 02  
on by: [Oliver Gross](#) | 27 Feb 2023

Recommended **18.4**  
**Dorsal root ganglia control nociceptive input to the central nervous system.**  
Hao H et al. | 2023 Jan

# 3.論文推薦- 檢索...(2-1)

Find the most important research in Biology and Medicine

Lung Cancer

Search

Lung Cancer

Lung Cancer in All

in Faculty Members

in Article Recommendations

in Faculty Reviews

## Article Recommendations

70 filtered results for "Lung Cancer" | [Clear filters](#) | [Save Search](#)

Filter

Advanced Search

Showing 1-10 of 70

Results per page 10

Score

Faculty

Section

Collection

Rated As

Exceptional 70

Very Good 149

Good 67

[Clear](#)

Article Type

Exclude Preprints

Recommended In

Article Published

2020

2023

[Clear](#)

Recommended 111.4

### Cancer statistics, 2020.

Siegel RL et al. | 2020 01

Latest recommendation by: [Maxine Gossell](#)

Good for Teaching

New Finding

Recommended 60.8

### Mechanical regulation of glycolysis via cytoskeleton architecture.

Park JS et al. | 2020 02

Latest recommendation by: [Kandice Tanner](#) | 08 Jul 2021

New Finding

Recommended 56.6

### Senolytic CAR T cells reverse senescence-associated pathologies.

Amor C et al. | 2020 07

Latest recommendation by: [Philippe Saas](#) | 19 Aug 2020

Interesting Hypothesis

New Finding

Novel Drug Target

Technical Advance

表列選項:

1. 關聯
2. 推薦日期
3. 專家意見積分
4. 發表日期

Relevance

Recommendation Date

Score

Publication Date

70篇推薦文章與此檢索相關

# 3. 論文推薦- 檢索...(2-2) 論文評選

## Cancer statistics, 2020.

Siegel RL et al.  
CA: A Cancer Journal for Clinicians. 2020 01; 70(1):7-30 →  
<https://doi.org/10.3322/caac.21590>  
PMID: [31912902](https://pubmed.ncbi.nlm.nih.gov/31912902/)

Show Details

### Classifications

Good for Teaching   New Finding

### Evaluations

**Exceptional** 18 Jun 2020

Maxine Gossell-Williams

The article is a summary of the cancer incidence in the United States of America over from 2008 to current. It shows some successes with the common cancers (breast and prostate), including decreases in the mortality rate.

#### Classifications

New Finding   Good for Teaching

**Cite this Recommendation:**  
Gossell-Williams M: Faculty Opinions Recommendation of [Siegel RL et al., CA Cancer J Clin 2020 70(1:7-30)]. In Faculty Opinions, 18 Jun 2020;  
<https://doi.org/10.3410/f.737174510.793575308>

Copy to clipboard

### Recommended

**Score 111.4 \*專家意見積分**

Relative citation ratio: 1,631.6  
Weighted sum of stars: 4.0

↑ Top 0.001% in  
Public Health & Epidemiology

#### 1 Recommendation

1 ★★★ Exceptional  
0 ★★ Very good  
0 ★ Good

Learn more

『專家意見積分』評分方式：

- 沒有被引用和推薦的論文評為零分。
- 一組論文評選平均評分為10分，越多推薦或引用越多的論文得分將越高，且無分數上限。
- 沒有被推薦的論文評分一般低於被推薦的論文。
- 推薦的評分比重大於文獻計量學，亦即專家意見增加的積分遠大於引用增加的積分。

此篇評選的『專家意見積分』顯示如下：  
此篇論文得到1個三顆星的「論文評選」推薦，『專家意見積分』為111.4，排名為「公共衛生和流行病學」的前0.001%。  
因此，此篇論文優於同領域的其他99.99%的文獻。

\*專家意見積分 Refer to: <https://facultyopinions.com/blog/meet-the-new-faculty-opinions-score/>

# 3.論文推薦- 檢索...(3) 進階檢索

Find the **most important research** in Biology and Medicine

🔍 Lung Cancer

Search

## Article Recommendations

70 filtered results for "Lung Cancer" | [Clear filters](#) | [Save Search](#)

Filter

Advanced Search

Showing 1-10 of 70

Results per page 10

Score

Lung Cancer

All Fields

All Fields

Faculty Member

Faculty Member Affiliation

Recommendation

Article title +

Recommendation

Recommendation DOI

Article title

所有條件  
學者專家  
學者專家群  
論文評選  
論文標題+論文評選  
論文評選網址  
論文標題  
...

Recommended 111.4

### Cancer statistics, 2020.

Siegel RL et al. | 2020 01

 [Maxine Gossell-Williams](#) | 18 Jun 2020

Finding

on of glycolysis via cytoskeleton architecture.

Park JS et al. | 2020 02

Latest recommendation by:  [Kandice Tanner](#) | 08 Jul 2021

New Finding

Relevance

Recommendation Date

Score

Publication Date

表列選項:

1. 關聯
2. 推薦日期
3. 專家意見積分
4. 發表日期

### 3.論文推薦- 檢索...(4) 儲存檢索結果

The screenshot displays the 'Article Recommendations' interface. At the top, it shows '70 filtered results for "Lung cancer" | Clear filters | Save Search'. The 'Save Search' button is highlighted with a red box. Below this, there are filter panels on the left and a list of recommended articles on the right. The first article is 'Cancer statistics, 2020.' by Siegel RL et al. (2020 01) with a score of 111.4. The second is 'Mechanical regulation of...' by Park JS et al. (2020 02) with a score of 60.8. The third is 'Senolytic CAR T cells reverse senescence-associated pathologies.' by Amor C et al. (2020 07) with a score of 56.6. A 'Save Search' modal window is open, showing the keyword 'Lung cancer', filters applied (Exceptional), and article publication dates (2020 to 2023). The 'Save Search as' field contains 'Lung Cancer\_0301' and is also highlighted with a red box. A 'Save Search' button is at the bottom of the modal.

**Article Recommendations**  
70 filtered results for "Lung cancer" | Clear filters | Save Search

Showing 1-10 of 70 Results per page 10 Score

**Filter** Advanced Search

- Faculty
- Section
- Collection
- Classified As
- Rated As

Exceptional 70  
 Very Good 149  
 Good 67

Clear

**Article Type**  
Exclude Preprints  
Recommended In  
Article Published

2020  
2023

Clear

**Recommended 111.4**  
**Cancer statistics, 2020.**  
Siegel RL et al. | 2020 01  
Latest recommendation by: M  
Good for Teaching New Finding

**Recommended 60.8**  
**Mechanical regulation of g**  
Park JS et al. | 2020 02  
Latest recommendation by: K  
New Finding

**Recommended 56.6**  
**Senolytic CAR T cells reverse senescence-associated pathologies.**  
Amor C et al. | 2020 07  
Latest recommendation by: Philippe Saas | 19 Aug 2020  
Interesting Hypothesis New Finding Novel Drug Target Technical Advance

**Save Search**

Keyword  
"Lung cancer"

Filters applied

Rated As  
• Exceptional

Article published from: 2020  
Article published to: 2023

Sort By: Score

Save Search as  
Lung Cancer\_0301

Save Search

### 3.論文推薦- 檢索...(5) 於『個人資料夾』中管理儲存/通知(1)

#### Search Saved ×

---

Lung Cancer\_0301 has been saved.

View it via search in the header

[Manage Searches](#) 管理儲存

[Manage Notifications](#) 管理通知

Manage searches and notifications in your Profile area. 於『個人資料夾』中管理儲存/通知

# 3.論文推薦- 檢索...(5) 於『個人資料夾』中管理儲存/通知(2)

**Faculty Opinions** Article Recommendations Collections Rankings The Faculty Faculty Reviews [Profile](#) ▾

Find the **most important research** in Biology and Medicine

**MY ACCOUNT**  
Home  
Selected Sections  
**Stored Searches**  
SmartSearches  
» Lung cancer  
Recommended Article searches  
» Lung  
Cancer\_0301  
» test\_0117  
See all »  
Faculty I'm Following  
My Saved/Followed Articles  
Email Alerts  
My Details

-----  
Guide to My Account

-----  
**NOMINATE AN ARTICLE**  
Please nominate articles you think should be considered for inclusion in Faculty Opinions. Nominations will be reviewed by appropriate Faculty Members.

**My Account** »  
**Stored Searches**

To find the most relevant articles for your general reading, Faculty Opinions provides three ways to create literature searches. Store any search and rerun it via My Account, and set up email alerts to have the content delivered to you.

- » **SmartSearch.** This unique and intuitive PubMed search tool 'learns' which articles are most relevant to you, through your input and interaction with the results. Select five or more articles as seeds, interact with the results to tell SmartSearch whether they are relevant or not relevant, and after a few interactions, SmartSearch will begin to send you the most on-target articles recently published – SmartSearch does all the work for you and gets smarter every day.
- » **Recommended Article Search.** Create searches of Faculty Opinions's Article Recommendations to discover which articles your colleagues are recommending.  
[Read more](#) »

**SMARTSEARCHES**  
» Lung cancer

**FACULTY OPINIONS**  
» Lung Cancer\_0301  
» test\_0117  
» liver cancer\_20230117

新增的檢索儲存



## 4. 彙編...(1)

The screenshot shows the Faculty Opinions website interface. At the top, the navigation menu includes 'Article Recommendation', '4 Collections', 'Rankings', 'The Faculty', 'Faculty Reviews', and a 'Profile' dropdown. Below the navigation is a search bar with the text 'Find the most important research in Biology and Medicine' and a 'Keyword search' input field with a 'Search' button. The main content area is titled 'Collections' and contains a descriptive paragraph: 'Our growing collections resource presents the best research, in the opinion of experts, across key areas and topics in medicine and life sciences, providing users with thorough overviews of the literature. Collections are updated on an ongoing basis ensuring significant new research is never missed.' Below this are four collection cards, each with a title, subtitle, and description. The 'Alzheimer's' card is highlighted with a red border. The cards are: COVID-19, Alzheimer's, Extremophiles, and Breast Cancer.

**Faculty Opinions** Article Recommendation **4** Collections Rankings The Faculty Faculty Reviews Profile ▾

Find the **most important research** in Biology and Medicine

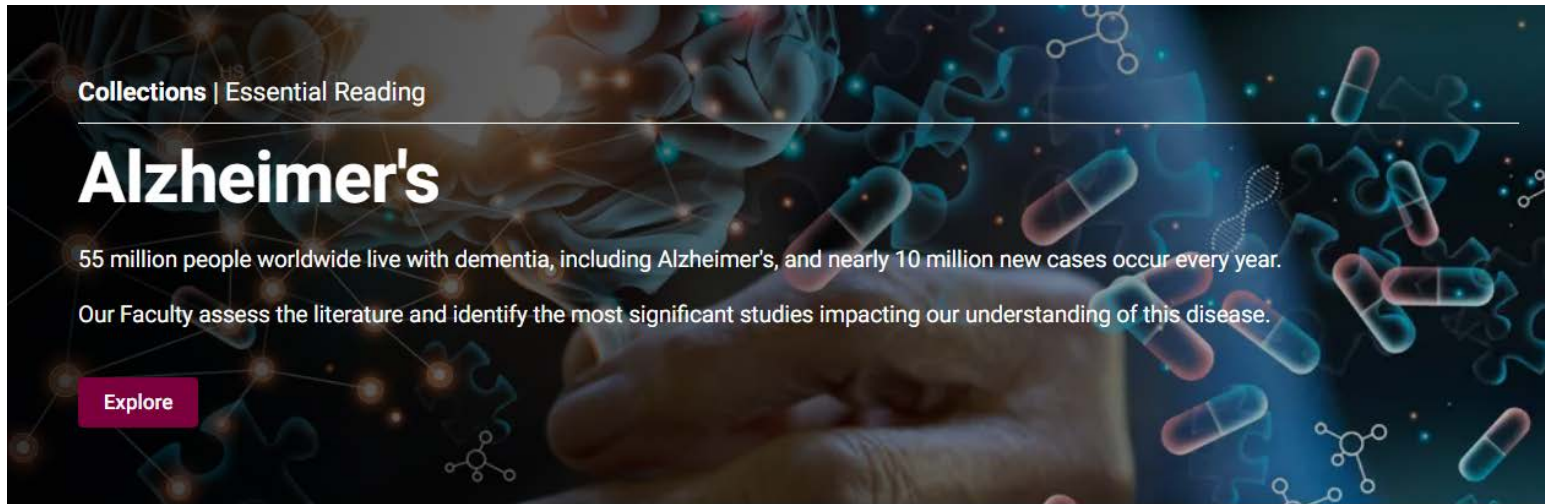
### Collections

Our growing collections resource presents the best research, in the opinion of experts, across key areas and topics in medicine and life sciences, providing users with thorough overviews of the literature. Collections are updated on an ongoing basis ensuring significant new research is never missed.

- Collections | Essential Reading**  
**COVID-19**  
What COVID-19 research breakthroughs are turning the tide against the pandemic?
- Collections | Essential Reading**  
**Alzheimer's**  
Two decades of critical research driving the understanding and treatment of Alzheimer's.
- Collections | Essential Reading**  
**Extremophiles**  
How the planet's extreme survivors are impacting research from Microbiology to Astrobiology.
- Collections | Essential Reading**  
**Opioid Addiction**  
The latest research addressing the global health issue of Opioid Abuse Disorder.
- Collections | Essential Reading**  
**Breast Cancer**  
The current research impacting diagnosis and treatment of the most common type of cancer.

不斷增長的館藏資源呈現了專家認為的最佳研究，涵蓋醫學和生命科學的關鍵領域和主題，為用戶提供全面的文獻概覽。彙集不斷更新，確保不會錯過重要的新研究。

## 4. 彙編...(2)



Collections | Essential Reading

# Alzheimer's

55 million people worldwide live with dementia, including Alzheimer's, and nearly 10 million new cases occur every year. Our Faculty assess the literature and identify the most significant studies impacting our understanding of this disease.

Explore

From sundowning to gut Microbiota-derived acetate as an enabler of metabolic fitness of the brain immune system, the Alzheimer's Essential Reading collection includes our expert Faculty's recommendations of the current research on this increasingly prevalent neurological disorder, as well as key work from the past two decades.

Continuously updated, this is an essential reference for those researching dementia to elucidate its causes, and to drive improvement in diagnosis, care, treatment and patient outcomes.

*"Alzheimer's disease represents one of the greatest challenges in medicine. This collection of expertly reviewed research provides a valuable resource to find the key drivers and potentially develop new, life-changing treatments."*



**Robert Petersen**

Central Michigan University  
USA

### Highest Rated

Recommended **130.1**

**Neurotoxic reactive astrocytes are induced by activated microglia.**

Liddel SA et al. | 2017 01 26

# 5. 評等

Faculty Opinions

Article Recommendations **5** Rankings The Faculty Faculty Reviews Profile

Find the most important research in Biology and Medicine

Keyword search Search

**Rankings** 此評等係根據學者專家對論文的評價和評分，並以專家意見積分呈現，排名提供了專家見解中認為非常重要並可能對該領域影響最大的研究。

Based on the evaluations and ratings that our Faculty Members attribute to articles and expressed as the Faculty Opinions Score, this is the research that is considered highly significant by the Faculty and likely to have most impact on the field.

**Featured** 科系年度精選論文

Rankings | Top Articles This Year

Diabetes & Endocrinology

Rankings | Top Articles This Year

Neuroscience

Rankings | Top Articles This Year

Oncology

View All

## Top Scored Articles

Here you can find the top ranked articles according to the Faculty Opinions Score. View all-time or recently published rankings down to a subject area.

[More about how our score is calculated](#)

Faculty

All Faculties

Ranked

All time

Current

Landmark 379.0

Highly accurate protein structure prediction with AlphaFold.

Jumper J et al. | 2021 Aug


Latest recommendation by: Benoit Coulombe | 17 Nov 2022

Good for Teaching New Finding Technical Advance

Recommended 358.1

- Anesthesiology & Pain Management (麻醉學和疼痛管理)
- Bioinformatics, Biomedical Informatics & Computational Biology (生物信息學、生物醫學信息學和計算生物學)
- Biological Physics (生物物理學)
- Cardiovascular Disorders (心血管疾病)
- Cell Biology (細胞生物學)
- Chemical Biology (化學生物學)
- Critical Care & Emergency Medicine (重症監護與急診醫學)
- Dermatology (皮膚科)
- Developmental Biology (發育生物學)
- Diabetes & Endocrinology (糖尿病與內分泌學)
- Ecology (生態)
- Gastroenterology & Hepatology (胃腸病學和肝病學)
- Genomics & Genetics (基因組學與遺傳學)
- Hematology (血液學)
- Immunology (免疫學)
- Infectious Diseases (傳染性疾病)
- Microbiology (微生物學)
- Nephrology (腎臟科)
- Neurological Disorders (神經系統疾病)
- Neuroscience (神經科學)
- Obstetrics, Gynecology & Women's Health (產科、婦科和婦女健康)
- Oncology (腫瘤學)
- Ophthalmology (眼科)
- Otolaryngology (耳鼻喉科)
- Pharmacology & Drug Discovery (藥理學和藥物發現)
- Physiology (生理)
- Plant Biology (植物生物學)
- Psychiatry (精神病学)
- Psychology (心理學)
- Public Health & Epidemiology (公共衛生與流行病學)
- Research Methodology, Policy & General Interest (研究方法、政策和普遍興趣)
- Respiratory Disorders (呼吸系統疾病)
- Rheumatology & Clinical Immunology (風濕病學和臨床免疫學)
- Structural Biology (結構生物學)
- Urology (泌尿科)

## 6. 論文評選專家...(1) 以台灣為例

 Faculty Opinions

[Article Recommendations](#) [Collections](#) [Faculty](#) **6** [The Faculty](#) [Faculty Reviews](#) [Profile](#) ▼

Find the **most important research** in Biology and Medicine

### The Faculty

27 filtered results | [Clear filters](#)

**Filter** | [Advanced Search](#)

- Faculty ▼
- Section ▼
- Position ▼
- Country ▲

Taiwan ✕

Taiwan 27 ▲ ▼

[Clear](#)

**Member Status** ▲

Active  All

[Clear](#)

以科系/科別/職級/國別 檢索學者專家 → 以『台灣』為例

Showing 1-20 of 27 Results per page 20 ▼



**Julie Chan**  
Institute for Translational Research in Biomedicine  
Taiwan



**Nei-Li Chan**  
National Taiwan University  
Taiwan




**Ming-Yang Chang**  
Chang Gung Memorial Hospital  
Taiwan



**Shih-Chou Chen**  
National Yang-Ming University  
Taiwan

## 6. 論文評選專家...(2) 以中央研究院為例

 Faculty Opinions

Article Recommendations Collections Ra **6** **The Faculty** Faculty Reviews Profile ▾





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### The Faculty


8 results for "Academia Sinica" (Institution) | [Clear filters](#)

Filter **Advanced Search** Showing 1-8 of 8 Results per page 20 ▾ Sort ▾

▾  
+

-  **Yi-Fang Tsay**  
Academia Sinica  
Taiwan
-  **Shen-Ju Chou**  
Academia Sinica  
Taiwan
-  **Stephan Schneider**  
Academia Sinica  
Taiwan
-  **Woan-Yuh Tarn**  
Academia Sinica  
Taiwan

## 6. 論文評選專家...(3) 追蹤論文評選專家

 Faculty Opinions

[Article Recommendations](#) [Collections](#) [Rankings](#) **6** [The Faculty](#) [Faculty Reviews](#) [Profile](#) ▼

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[Plant Biology](#) / [Plant Biochemistry & Physiology](#) /



**Yi-Fang Tsay**  
Section Head  
Since 24 Nov 2021

Institute of Molecular Biology  
Academia Sinica  
Taipei City  
Taiwan

  [Following](#)

[Show Details](#) ▼

### Articles Evaluated

Showing 1-3 of 3

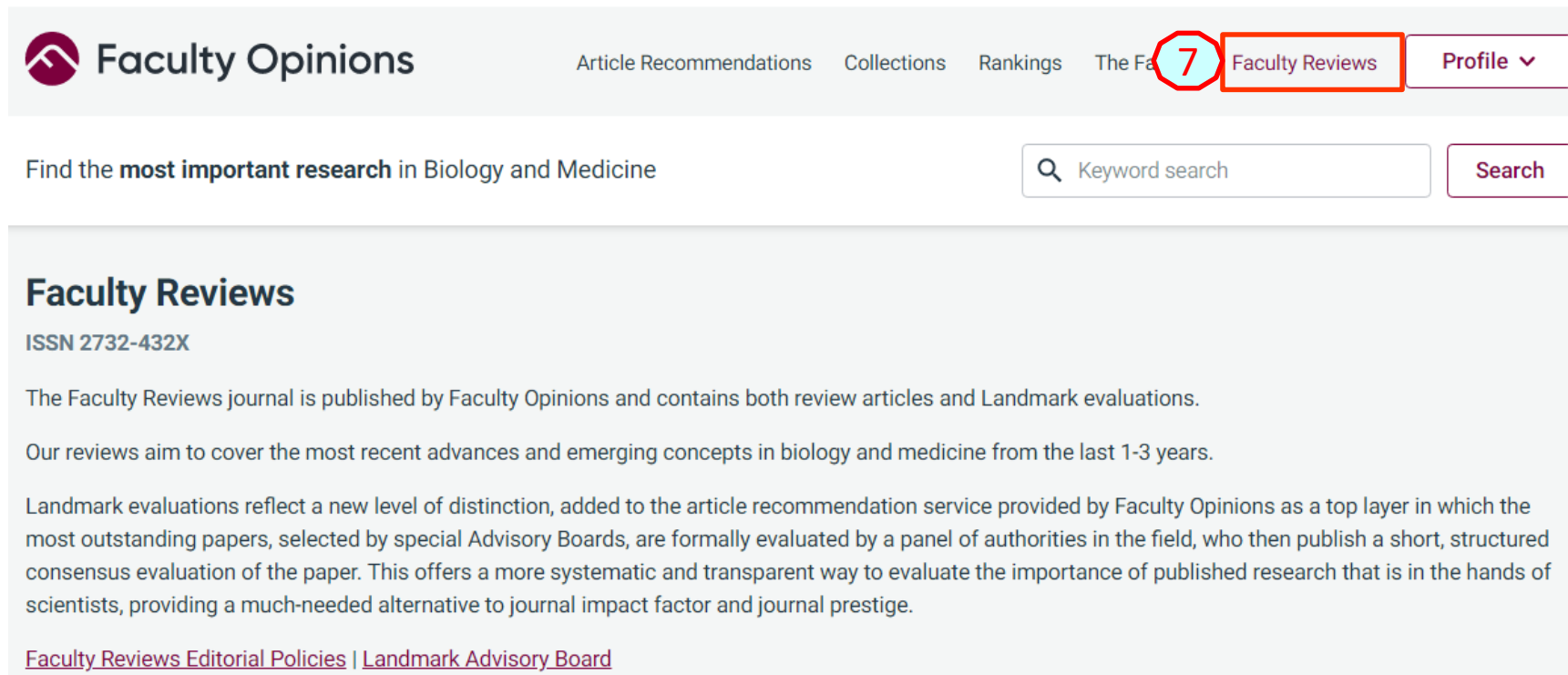
 Recommended **5.0**

**Functional analysis of the OsNPF4.5 nitrate transporter reveals a conserved mycorrhizal pathway of nitrogen acquisition in plants.**

Wang S et al. | 2020 07 14



# 7. 專家評論...(1)



The screenshot shows the Faculty Opinions website interface. At the top, there is a navigation bar with the Faculty Opinions logo on the left and several menu items: 'Article Recommendations', 'Collections', 'Rankings', 'The Fa', '7 Faculty Reviews', and 'Profile'. The '7 Faculty Reviews' item is highlighted with a red box. Below the navigation bar, there is a search bar with the text 'Find the most important research in Biology and Medicine' and a 'Search' button. The main content area is titled 'Faculty Reviews' and includes the ISSN '2732-432X'. The text describes the journal's focus on recent advances in biology and medicine, and mentions landmark evaluations. At the bottom of the main content area, there are links for 'Faculty Reviews Editorial Policies' and 'Landmark Advisory Board'.

『專家評論』由 Faculty Opinions 出版，包含評論文章和里程碑評估。『專家評論』旨在涵蓋最近 1-3 年生物和醫學領域的最新進展和新興概念。

『里程碑評估』反映了一個新的卓越標準，作為 Faculty Opinions 學者專家論文評選的最高階服務，其中由特別諮詢委員會選出的最優秀的論文由該領域的權威小組正式評估後，發表一篇簡短的、結構化的論文共識評估。這提供了一種更加系統與透明的方式來評估科學家手中已發表研究的重要性，也提供了一種除期刊影響因子和期刊威望以外更被需要的替代方案。



# 7. 專家評論...(2)

Find the **most important research** in Biology and Medicine

Keyword search

Search

[Faculty Reviews](#) /

## Landmark Advisory Board

Advisory Board members attend quarterly online meetings to discuss and select the most outstanding recently published articles in their field. They also nominate Panel members to evaluate each selected article to decide whether they truly qualify as Landmark.

### 里程碑諮詢委員會


諮詢委員會成員每季參加線上會議，討論並選擇其領域內近期發表最傑出的文章。他們也提名小組成員來評估每篇選定的論文，以確定其符合里程碑品質。

Advisory Board

Inaugural Advisors

### 諮詢委員會

#### Geneviève Almouzni

 Institut Curie


 [Webpage](#)

#### Frederick Alt

 Boston Children's Hospital

 [Webpage](#)

#### Susan Amara

 National Institutes of Health

 [Webpage](#)

#### Mark Anderson

 University of California, San Francisco

 [Webpage](#)

# 7. 專家評論...(3)

Find the **most important research** in Biology and Medicine

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## Landmark Advisory Board

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Advisory Board

Inaugural Advisors


創始委員

### 創始委員

里程碑創始委員包括一些擔任該項目初始諮詢小組或諮詢委員會的成員，他們就候選論文提供一般性建議和具體建議以供評估；部分委員成立小型諮詢小組為個別論文的初始評估提供建議；以及部分委員提供非正式意見和建議。

The **inaugural advisors for Landmarks** include some who served as members of an initial Consultation Group or Advisory Board for the project, giving general advice as well as specific recommendations on candidate papers for evaluation; some who helped by forming small Advisory Groups to advise on specific papers for the inaugural evaluations; and some who provided informal advice and suggestions.

### Bruce Alberts

 University of California, San Francisco

 [Webpage](#)

### Seth Darst

 The Rockefeller University

 [Webpage](#)

### Raymond Deshaies

 Amgen Research

 [Webpage](#)

### Gordon Fishell

 Harvard Medical School

 [Webpage](#)

# 7. 專家評論...(4) 里程碑評估

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Keyword search

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## Landmark Evaluations

20 Evaluations

點選 **View All** → 目前有20篇『里程碑評估』

### A novel NINJ1-mediated regulatory step is essential for active membrane rupture and common to different cell death pathways

Catarina Dias, Veit Hornung, Jesper Nylandsted

Faculty Reviews 11:(41)

Published: 29 Dec 2022

EVALUATED ARTICLE

Landmark 93.6

#### NINJ1 mediates plasma membrane rupture during lytic cell death.

Kayagaki N, Kornfeld OS et al.

Published: 2021 03

### Solution of the protein structure prediction problem at last: crucial innovations and next frontiers

David A Agard, Gregory R Bowman, William DeGrado, Nikolay V Dokholyan, Huan-Xiang Zhou

Faculty Reviews 11:(38)

Published: 13 Dec 2022

# 7. 專家評論...(5) 里程碑評估

Find the most important research in Biology and Medicine

Keyword search

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Faculty Reviews / Landmark Evaluations / Evaluation

里程碑評估 pdf 下載



A novel NINJ1-mediated regulatory step is essential for active membrane rupture and common to different cell death pathways

里程碑評估

Show more



Catarina Dias, Veit Hornung, Jesper Nylandsted

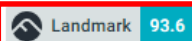
<https://doi.org/10.12703/r-01-0000021>

Faculty Reviews 11:(41)

Published: 30 Dec 2022

受評之論文

EVALUATED ARTICLE



里程碑評估積分

NINJ1 mediates plasma membrane rupture during lytic cell death.

Kayagaki N, Kornfeld OS et al.

<https://doi.org/10.1038/s41586-021-03218-7>

Published: 2021 03

**Catarina Dias**  
cad@cancer.dk  
<https://orcid.org/0000-0002-1746-4384>

**Affiliations**  
Danish Cancer Society Research Center

**Contribution**  
Membrane damage and repair, membrane proteins, neurobiology, and cancer biology  
Primarily responsible for drafting the consensus evaluation  
Corresponding author

**Veit Hornung**  
<https://orcid.org/0000-0002-4150-194X>

**Affiliations**  
Ludwig-Maximilians-Universität, Munich

**Contribution**  
Innate immunity, inflammation, inflammasome biology, nucleic acid sensing, and pyroptosis

**Jesper Nylandsted**  
<https://orcid.org/0000-0001-6474-5093>

**Affiliations**  
Danish Cancer Society Research Center; University of Southern Denmark

**Contribution**  
Membrane repair, cancer, cell death mechanisms, and cell biology

# 7. 專家評論...(6)

[Review Articles](#)

點選 [View All](#) → 瀏覽所有專家評論

[View All](#)

## Vascular therapy for Duchenne muscular dystrophy (DMD)

Sangharsha Thapa, Shaymaa Elhadidy, Atsushi Asakura

Faculty Reviews 2023 12:(3)

Published: 20 Feb 2023

## Recent advances in the management of gastric adenocarcinoma patients

Jane E Rogers, Jaffer A Ajani

Faculty Reviews 2023 12:(2)

Published: 20 Feb 2023


## Advances towards the complete in vitro life cycle of *Toxoplasma gondii*

David Warschkau, Frank Seeber

Faculty Reviews 2023 12:(1)

Published: 12 Feb 2023

# 7. 專家評論...(7)

 **Faculty Opinions**    Article Recommendations    Collections    Rankings    The F1000 **7** **Faculty Reviews**    Profile ▾

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**BROWSE BY FACULTY**

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- Biological Physics
- Biotechnology
- Cancer Biology
- Cardiovascular Biology
- Cardiovascular Disorders
- Cell Biology
- Chemical Biology
- Critical Care & Emergency Medicine
- Dermatology
- Developmental Biology
- Diabetes & Endocrinology
- Ecology
- Evolutionary Biology
- Gastroenterology & Hepatology
- Gastrointestinal Biology

**Faculty Opinions »**

## Faculty Reviews

ISSN 2732-432X


Faculty Reviews articles published between 27 May 2015 - 27 Oct 2020 are available on F1000Research.


Faculty Reviews Editorial Policies

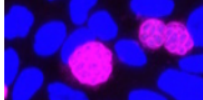
Per page: 20 | **50** | 100 | 1 - 20 of 863

**2015 ~ 2020 專家評論存於 F1000Research**

**863 篇專家評論**

 Neurological Disorders | Physiology | Genomics & Genetics | Pharmacology & Drug Discovery  
Vascular therapy for Duchenne muscular dystrophy (DMD)  
Sangharsha Thapa, Shaymaa Elhadidy, Atsushi Asakura  
Faculty Reviews 2023 12:(3) (21 Feb 2023)  
Full text | PDF

 Gastroenterology & Hepatology  
Recent advances in the management of gastric adenocarcinoma patients  
Jane E Rogers, Jaffer A Ajani  
Faculty Reviews 2023 12:(2) (21 Feb 2023)  
Full text | PDF

 Gastroenterology & Hepatology | Microbiology  
Advances towards the complete in vitro life cycle of Toxoplasma gondii  
David Warschkau, Frank Seeber  
Faculty Reviews 2023 12:(1) (13 Feb 2023)  
Full text | PDF

# 聯絡資訊



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