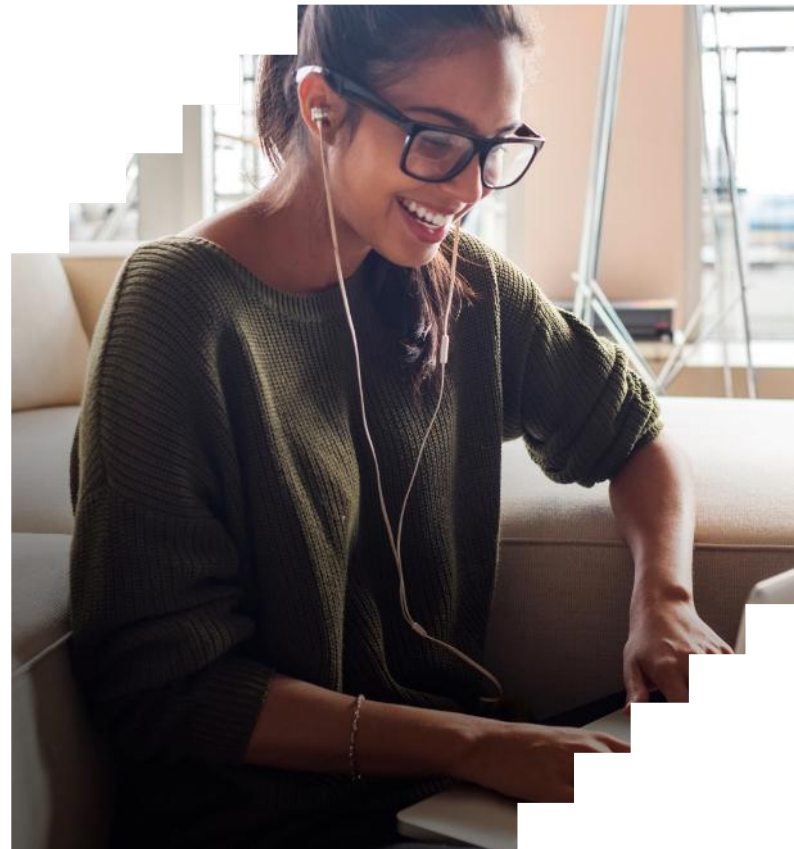


Scopus AI 可信任的內容

Taiwan Customer Success
2026

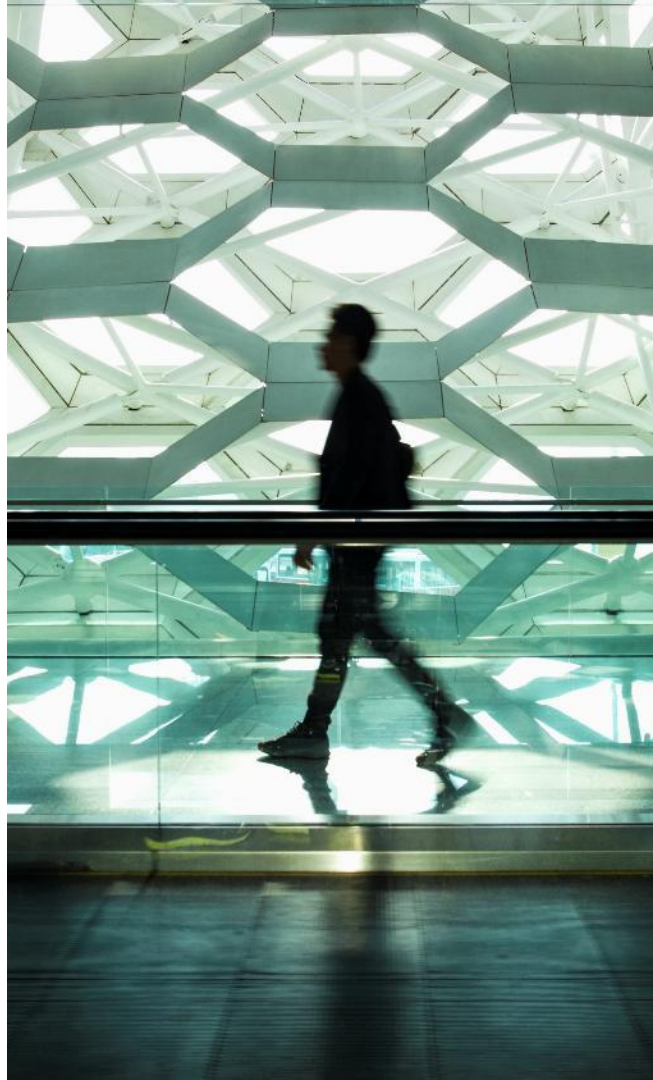


ELSEVIER



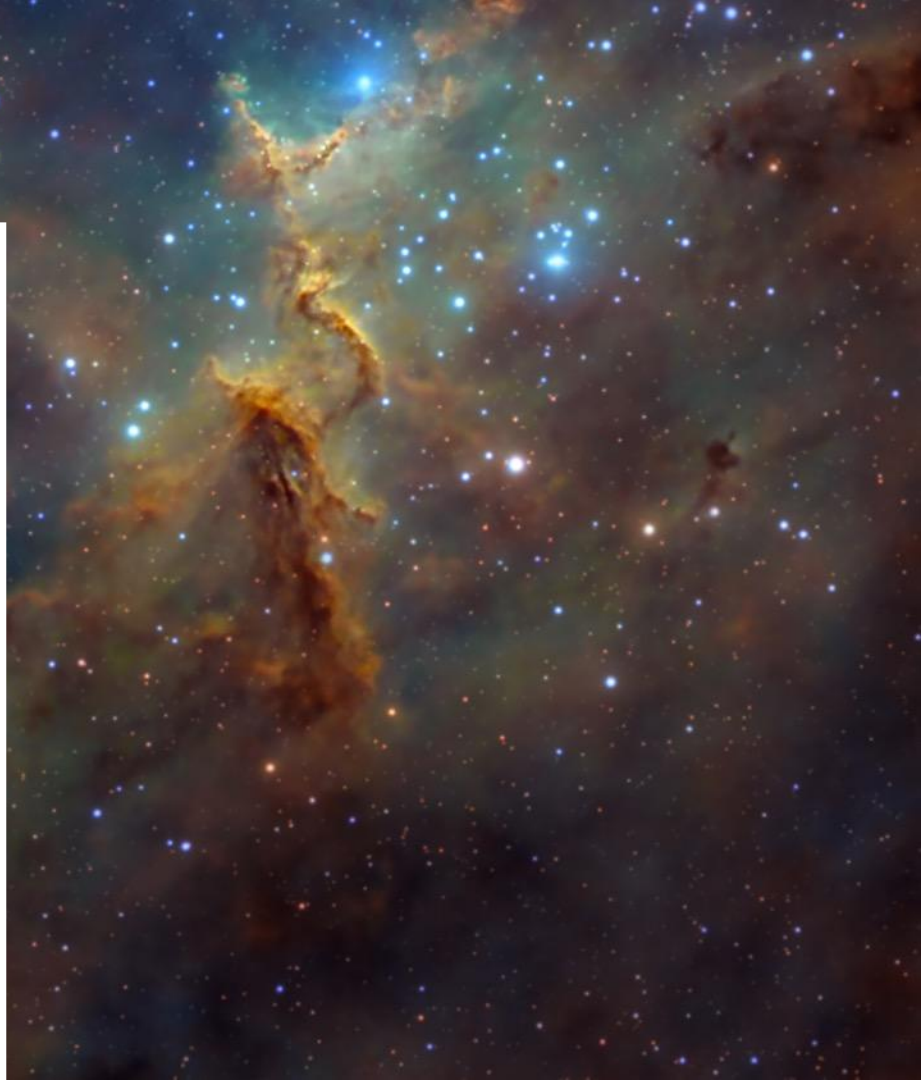
內容

- 1 AI 在學術界的潛力與陷阱
- 2 Scopus AI 簡介
- 3 Scopus AI 特性和功能
- 4 Deep Research
- 5 未來發展及用戶資源



AI 在學術界的 潛力與陷阱

ELSEVIER



AI 已成為數位轉型的基石

2022/11

ChatGPT將 **生成式AI** 和大型語言模型的創造能力帶到了公眾的視野中。

2023 /24

人工智慧的使用持續成長，同時強大的新人工智慧技術——**代理人工智慧**也越來越受歡迎。

今天

問題不再是“我會使用人工智能嗎？”而是“我的機構如何利用它來**推進卓越的研究**？”

儘管研究人員迅速採用AI，但仍有必要獲得更多支持。

58% of researchers now use AI tools in their work, up from 37% in 2024

27% believe they have adequate training in using AI

32% say their institution provides good AI governance

Most (**58%**) say AI tools save them time, but are selective about where they see greatest impact. Researchers currently use AI tools to:

- Find and summarize the latest research (**61%**)
- Perform literature reviews (**51%**)
- Analyze research data (**38%**)
- Draft grant proposals (**41%**)
- Draft research papers or reports (**38%**)

ELSEVIER



[前往 Researcher of the Future 報告](#)

但人工智慧並非沒有風險——
它可能會損害學術誠信和卓越研究

Canadian Psychological Association 電子報《Mind Pad》上發表的一項研究發現，
AI 產生的 300 引用來源中有 32.3% 為幻覺。

<https://www.psypost.org/chatgpt-hallucinates-fake-but-plausible-scientific-citations-at-a-staggering-rate-study-finds/>

Home > Exclusion > Artificial Intelligence

ChatGPT hallucinates fake but plausible scientific citations at a staggering rate, study finds

by Eric W. Dolan / April 14, 2024 in Artificial Intelligence

THE BYTE.

UNMODIFIED

/ ARTIFICIAL INTELLIGENCE

**PAPER RETRACTED WHEN AUTHORS
CAUGHT USING CHATGPT TO WRITE IT**

by FRANK LANDYMORE

9:23, 6:00 AM EDT

並且存在對數據洩露的擔憂

“Companies are desperate for more data to continue training their gen-AI models. So unless it’s otherwise stated in policy, or you have proactively opted out, whatever you’re inputting into a gen-AI tool is fair game for training its model.”

- Adapting to AI: How to understand, prepare for, and innovate in a changing landscape. *The Chronicle of Higher Education*.

<https://store.chronicle.com/products/adapting-to-ai>

機構擔心這些潛在的陷阱

71%

期望 GenAI 工具提供的答案僅基於高品質、可信賴的來源

83%

相信 GenAI 應該始終與人類專業知識配對

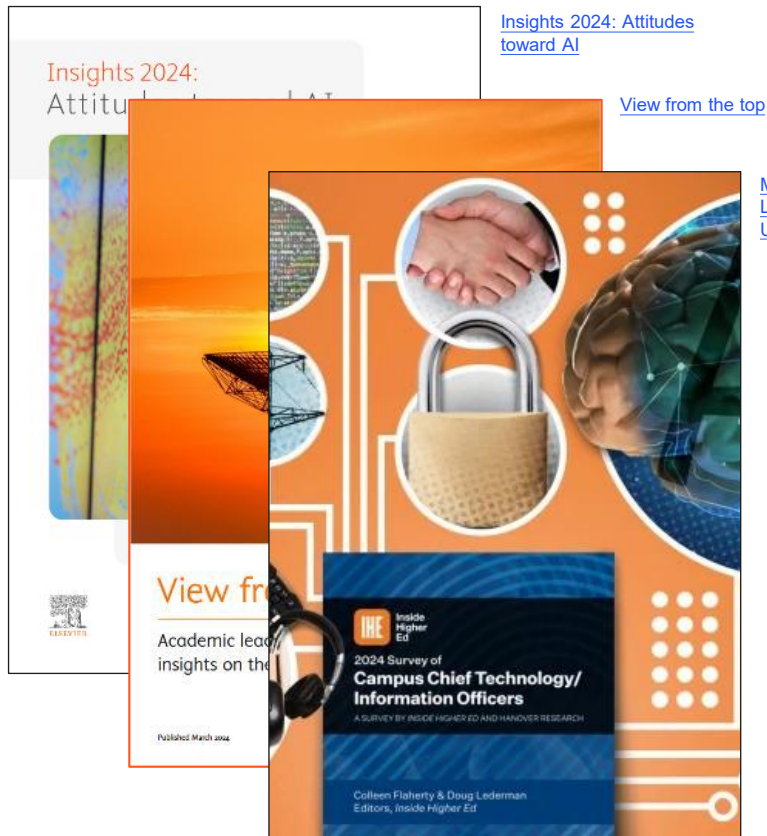
64%

的學術領袖將 AI 治理列為首要任務，但只有...

9%

的首席技術官認為高等教育已準備好應對新技術的興起

ELSEVIER



15 年至今， Elsevier 一直使用 AI 為學術界提供數據和見解

我們正在以新的 AI 技術引領潮流

我們使用 AI 來
簡化學術工作流程

我們支持
行業標準和政策

我們在工具中僅使
用可信任的數據

我們詳細說明解
決方案如何運作

我們不斷
測試和學習

我們優先考慮
資料隱私和治理

我們堅持負責任的
人工智慧原則

我們與學術界合作

我們開發開創性
的人工智能技術

我們培養人工智
慧素養

我們的開發基於 五大負責任 AI 原則

1. 我們考量解決方案對人們的現實影響
2. 我們採取行動，防止不公平偏見的產生或強化
3. 我們能夠解釋解決方案的運作方式
4. 我們透過人類監督建立問責機制
5. 我們尊重隱私，並推動健全的資料治理

<https://www.elsevier.com/about/policies-and-standards/responsible-ai-principles>



Scopus AI – 負責任 AI 的實踐

1 影響評估

深思熟慮與精心規劃的開發理念——採用漸進式功能導入策略

跨部門意見輸入

2 RefChecker

驗證每一個聲明的來源文獻以確保準確性

98% 的推論正確率

3 透明性

每個操作皆在螢幕上展示。報告結果完整引用，並標示回覆相關性的「信心水準」

人類監督參與

Scopus AI

可靠內容
超過 1 億筆紀錄
負責任 AI
貫穿每一層設計

4 社群主導

學術社群的意見引導開發的每個階段

符合實際研究需求

5 嚴謹評估

定期進行品質、偏見及有害內容的測試

量身打造的評估方式

6 隱私保護

與微軟合作，確保查詢不被儲存或用於大型語言模型訓練

合約保障措施

我們正與研究社群共同打造新一代的工具——而 AI 代理人將在其中扮演關鍵角色

找出你的價值所在



→ Scopus AI

加速原創思維



→ ScienceDirect AI /
Mendeley AI

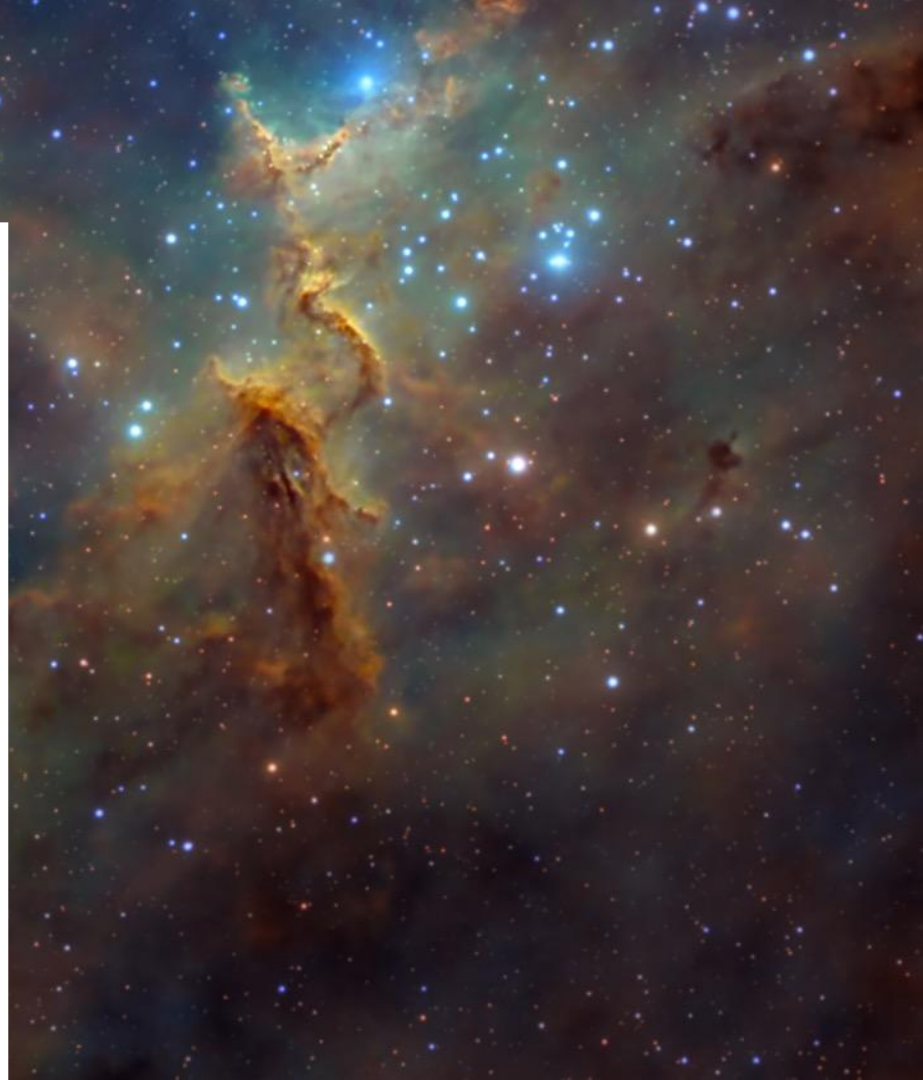
最佳化研究產出



→ Watch this space!

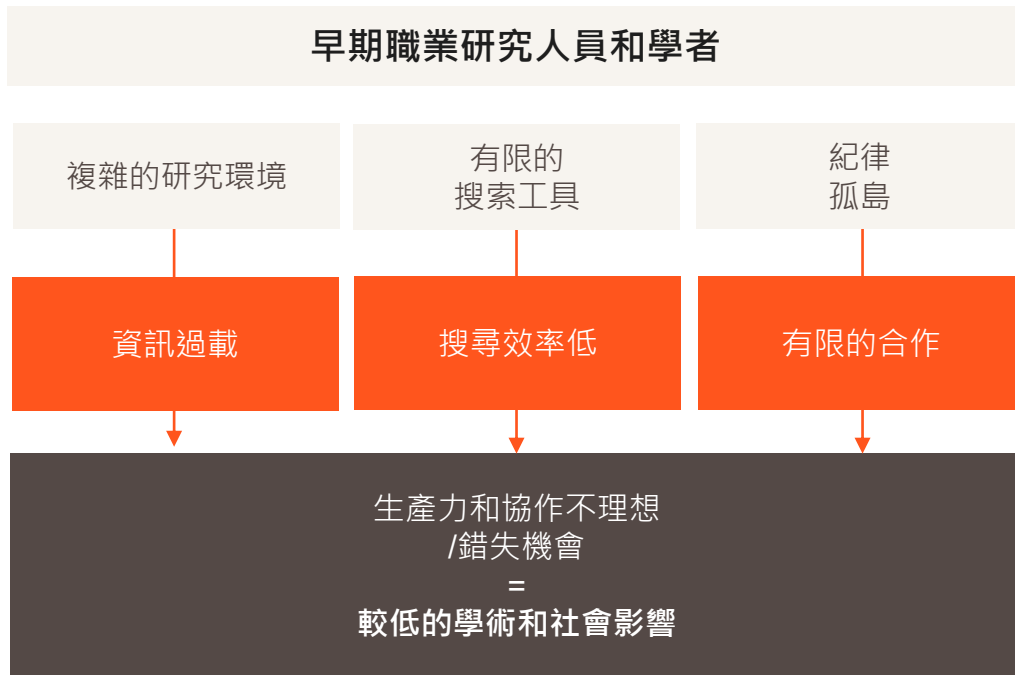
Scopus AI 簡介

ELSEVIER



當今的研究面臨許多挑戰

60% 的 **Scopus** 用戶告訴我們，他們想要一種更有效地了解新主題的方法



Scopus AI - 更好的資訊， 而不僅僅是更多資訊

Scopus AI 是一種直觀且智能的研究解決方案，專門利用 Scopus 中的精選內容。

它將值得信賴的內容與複雜的人工智慧技術相結合，幫助研究人員思考得更遠、行動更快並自信地行動。



Scopus AI 專為使用 Scopus 中的受信任內容而構建



**7+
thousand**
出版社



29.1+ thousand
期刊



426+ thousand
書籍



25.3+ million
開放取用文獻

2.6+ billion
cited references dating back to 1970



102.6+ million
紀錄



21.9+ million
作者檔案



94+ thousand
機構檔案

Explore. Focus. Advance

回答複雜或開放性的問題

激發批判性思維

鳥瞰研究環境

建立跨研究領域的關聯

確定新興研究主題和合作者

加深對某個主題的理解

為研究構思和規劃提供資訊

ELSEVIER



我們的工具如何維護品質？

重新評估政策



值得信賴的高品質內容



編輯和策展政策

先進的 Scopus AI 平台



RAG融合



結構化搜尋



提示工程



反射層

先進的 Scopus AI 平台



品質評估框架



有害評估框架



人為監督

遵守負責任的 AI 原則和數據隱私政策



負責任地開發

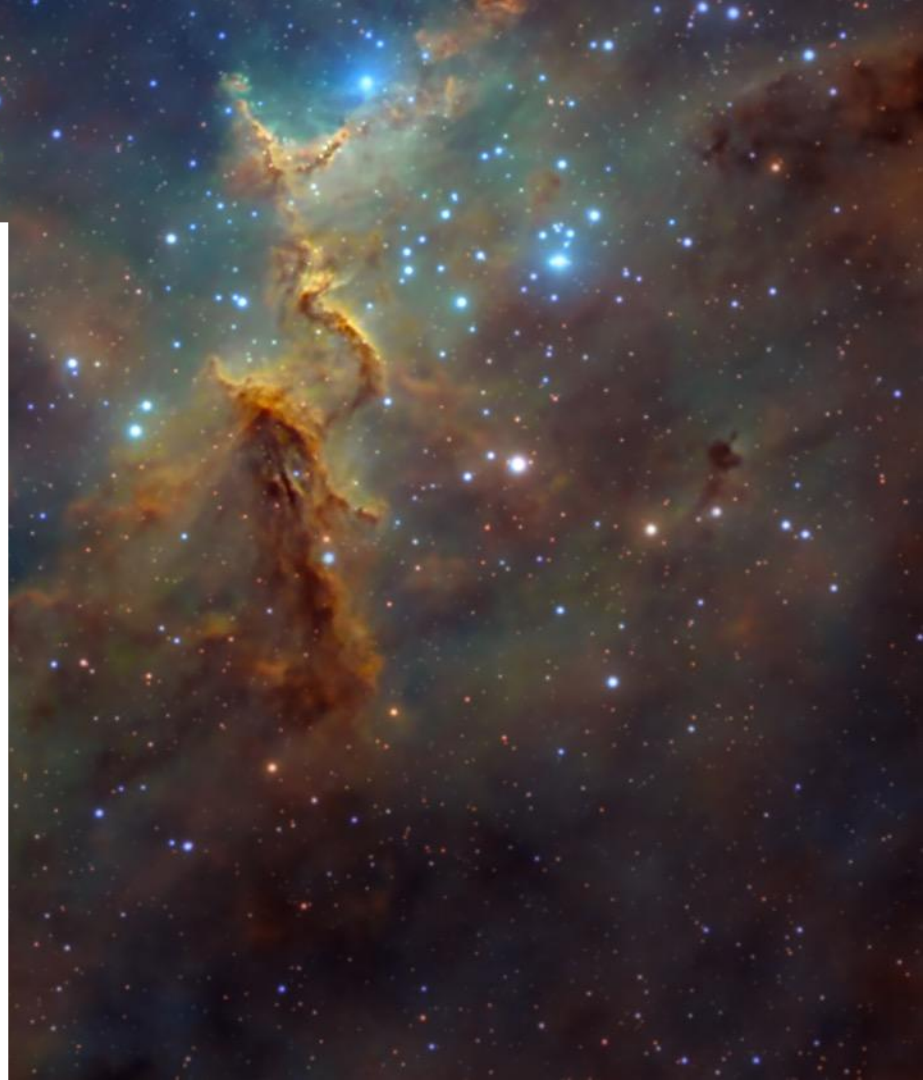


資料隱私

Scopus AI

特性和功能

ELSEVIER



Scopus AI 包含哪些回應內容？



Summary 摘要

高層次、完整引用的摘要，並包含工具對回覆信心水準的指引



Expanded Summary 擴展摘要

使用 RAG Fusion 的延伸引用摘要，從多個角度探索每個查詢



Go Deeper 深入問題

一系列提示，幫助你持續探索與學習



Concept Map 概念圖

可點擊的視覺化圖表，利用關鍵字提供議題空間的全景視角



Foundational Documents 基礎文獻

列出啟發摘要中引用文章的具影響力論文



Topic Experts 主題專家

所選領域的頂尖研究者（依相關出版量排序）



Emerging Themes 新興主題

提供議題概覽，幫助識別研究領域中的主題與潛在機會



Deep Research 深度研究報告

多頁分析報告，提供洞見與想法，助你推進研究——適合複雜或開放性問題



Conversational follow-up 對話式跟進

自由文字欄位，可輸入後續問題，深入挖掘研究



Recent Conversations 對話歷史

自動生成你所有先前查詢的列表，隨時可恢復現有搜尋

使用自然語言查詢簡化檢索流程

我們強大的 **Copilot** 搜尋工具支援自然語言和多國語言搜尋

結合**向量**和**關鍵字**搜索，為您構建複雜的布林查詢

分解和**優化查詢**以提高結果的精準度

Copilot 完全透明

— 您可以即時追蹤它所採取的每一步

What impact do microplastic pollutants have on marine biodiversity in coastal regions?

[Hide Copilot steps](#) ^

⌚ Creating a plan to answer your query

⌚ Performing natural language search:

- What is the impact of microplastic pollutants on marine biodiversity in coastal regions?

⌚ Performing keyword search:

- ("microplastic" OR "microplastics" OR "plastic pollution" OR "micro debris") AND ("pollutant" OR "contaminant" OR "toxin" OR "waste") AND ("marine" OR "ocean" OR "aquatic" OR "sea") AND ("biodiversity" OR "ecosystem" OR "species" OR "habitat") AND ("impact" OR "effect" OR "influence" OR "threat")

⌚ Generating summary

更有效率的搜尋方式

以您選擇的語言輸入您的查詢。

須更精準聚焦的回應？您現在可以用下
方式縮小**您的搜尋範圍**：

- 國家
- 時間範圍
- 文獻類型
- 引用次數

輸入查詢時新增搜尋參數，例如：

“限制審查來自歐洲機構的論文”

“專注於 2020-2024 年的研究，
引用次數為 50+”

“僅包括會議論文”

從兩份含有 Scopus 引用文獻的概述中選擇

易於理解的 **Summary** 為您的初始查詢提供簡潔的回應

Expanded Summary 使用我們的專有技術來提供更多深度和視角

* Interface and functionality subject to change

Summary

Climate change poses a significant threat to coffee production, impacting both yields and quality [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) . Here's a breakdown of the specific threats:

Direct and Indirect Impacts:

- Reduction in suitable production areas, lower yields, increased frequency of extreme climate events, and greater incidence of pests and diseases are direct impacts of climate change on coffee production [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) .
- Changes in rainfall patterns, temperature rise, and erratic weather negatively affect the volume and quality of coffee production [10](#) [11](#) [14](#) [9](#) .

Adaptation Strategies:

- Sustainable management practices, such as agroforestry and altering agrochemical inputs, can enhance the resilience of coffee production to climate change [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) .
- Relocation of coffee plantations to more climatically suitable areas, irrigation, and diversification of coffee farms with trees are potential adaptation strategies [12](#) .

Vulnerability of Smallholder Farmers:

- Smallholder coffee farmers, who represent the majority of coffee producers, are highly vulnerable to the impact of climate change due to financial insecurity and limited access to adaptation measures [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) .

In conclusion, the adverse effects of climate change on coffee production necessitate urgent implementation of adaptation strategies and policy interventions to support the resilience of coffee farmers and ensure the sustainability of coffee production [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) .

References

- 1 Opportunities for enhancing the climate resilience of coffee production through improved crop, soil and water management
Bracken P., Burgess P.J., Girkin N.J.
Agroecology and Sustainable Food Systems 71 2023
- 2 Coffee in the crosshairs of climate change: agroforestry as abatis
Rice R.A.
Agroecology and Sustainable Food Systems 71 2018
- 3 Coffee and chocolate in danger
Gross M.
Current Biology 71 2014

[Show all 14 references](#)

Foundational documents

348 citations
A bitter cup: climate change profile of global production of Arabica and Robusta coffee
C., Bunn, Christian, P.R., Lidzbarsky, Peter Bartram, O., Ovalle-Rivera, Ofiana, O., Kirschke, Dieter
Climatic Change 71 2015

Expanded summary

Based on the user's query, I will provide a summary that addresses the impact of climate change on coffee production, including its effects on yield and quality, the specific environmental factors affected, the economic implications, and sustainable agricultural practices to mitigate these impacts.

Impact of Climate Change on Coffee Production:

- Climate change poses a significant threat to coffee production, affecting both yields and quality [1](#) [2](#) [3](#) [4](#) [5](#) .
- Adverse environmental impacts include a reduction in suitable production areas, lower yields, increased intensity and frequency of extreme climate events, and a greater incidence of pests and diseases [1](#) [2](#) [3](#) .
- Changes in temperature, rainfall variability, and soil moisture are key environmental factors affected by climate change, leading to decreased coffee suitability areas, growth, yield, and increased pest and disease pressure [2](#) [4](#) [5](#) .

Economic Implications:

- The economic implications of climate change on the coffee industry are substantial, as coffee production

繼續探索更多研究面向

Scopus AI 會為每個查詢產生三個 **Go Deeper** 的問題，以協助您深入分析並拓寬您的理解。

我們新增了 **Conversational follow-up**，因此您可以輕鬆提出自己的問題——非常適合檢查細節、完善思維或重新調整查詢重點。

Go deeper

- How does gender influence preferred coping strategies for workplace stress?
- How does gender influence the way individuals perceive and cope with workplace stress?
- What role does gender play in how individuals seek help for workplace stress?

Ask a follow-up question



* Interface and functionality subject to change

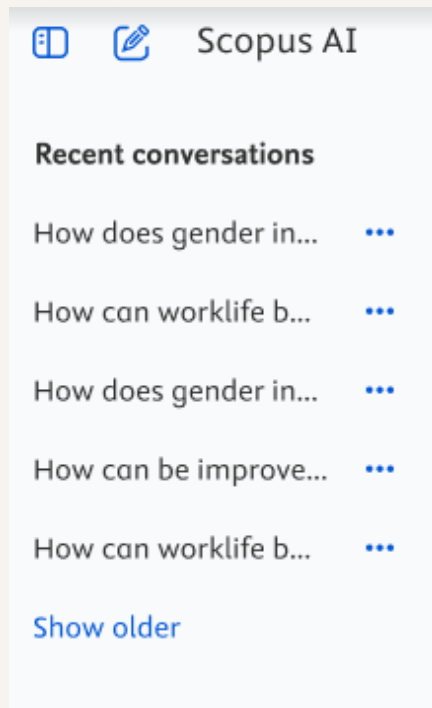
始終掌握狀況對話記錄

自動將過去的對話儲存到加密且安全的伺服器，以便您可以隨時重新查看關鍵見解

可讓您在離開後再回顧繼續查詢

提供您先前主題探索的實用概觀

不想儲存您的搜索？
沒問題——可選擇我們的 **Temporary conservation mode** (臨時對話模式)

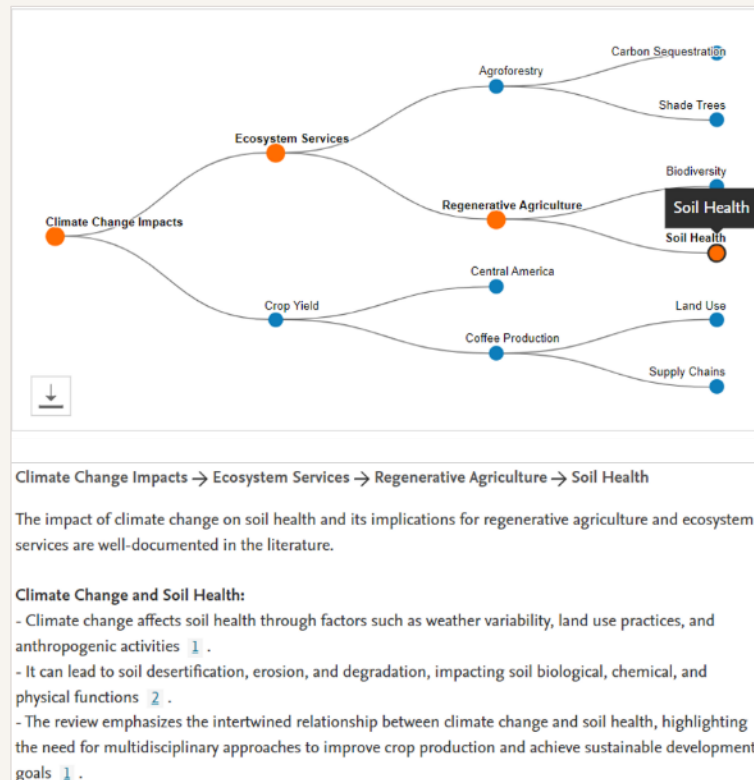


透過概念圖看到全局畫面

在您的領域中，有助於理解**連結的直觀視角**

鳥瞰主題及與其他研究領域的關係

點擊一個節點以探索它與您選擇的主題的關係



* Interface and functionality subject to change

發現開創性的發表和作者

基礎文件向您顯示用於撰寫摘要的摘要最常引用的論文。

Scopus AI 利用 Scopus 中豐富的作者檔案來找出主題專家——所選領域中最活躍的作者。

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Foundational documents

189 citations

The ribosomal basis of diamond-blackfan anemia: Mutation and database update

I., Boria, Ilenia, E., Garelli, Emanuela, H.T., Gazda, Hanna T., (...), I., Dianzani, Irma

Human Mutation ↗ 2010

336 citations

Ribosomal Protein L5 and L11 Mutations Are Associated with Cleft Palate and Abnormal Thumbs in Diamond-Blackfan Anemia Patients

H.T., Gazda, Hanna T., M.R., Sheen, Mee Rie,

Topic Experts

Ramalho, José C. J.C.

3578 citations 5 matching documents 41 h-index

José C. Ramalho is an expert in the impact of climate change on coffee production, as evidenced by their research on the biochemical and molecular responses of coffee plants to supra-optimal temperatures and elevated CO₂, as well as their investigation into the effects of drought, warming, and high CO₂ on coffee in the context of future climate change scenarios.

Van Asten, Piet J.A. P.J.

2875 citations 3 matching documents 31 h-index

Piet J.A. Van Asten is an expert in the adaptation strategies of coffee production to climate change. Their work focuses on understanding the critical thresholds for global coffee production under climate change, the influence of vapour pressure deficit on coffee ripening, and the exploration of adaptation strategies for coffee production in the face of climate change using process-based models.

* Interface and functionality subject to change

找到具有新興主題的適宜帶

即時掌握 任何研究領域的格局

發現主題之間意想不到的聯繫

在新興和新穎的主題成為主流之前發現它們

ELSEVIER

Emerging themes **Beta**



The Impact of Remote Work on Employee Well-Being and Productivity **Consistent Theme**

The consistent interest in the relationship between remote work and employee well-being and productivity highlights its significance in the evolving work landscape. This theme explores how remote work affects employee satisfaction, stress levels, and overall productivity, providing insights into optimizing remote work environments for better performance and well-being.

[Show references](#)

Potential Hypotheses:

- Remote work environments that prioritize employee well-being lead to higher productivity levels
- The implementation of remote work policies significantly reduces employee stress and enhances job satisfaction

Remote Work and Organizational Performance **Consistent Theme**

This theme consistently examines the broader implications of remote work on organizational performance. It delves into how remote work influences firm performance, innovation, and overall business growth, providing a comprehensive understanding of the strategic benefits and challenges associated with remote work.

[Show references](#)

Potential Hypotheses:

- Organizations that adopt flexible remote work policies experience higher innovation and growth rates
- Remote work arrangements positively impact organizational performance by enhancing employee engagement and reducing turnover

Remote Work Policies and Hybrid Work Models **Rising Theme**

The rising interest in remote work policies and hybrid work models indicates a growing focus on developing sustainable and effective remote work strategies. This theme explores the design and implementation of remote work policies, the challenges of hybrid work models, and their impact on employee engagement and organizational efficiency.

* Interface and functionality subject to change

鎖定可推動您領域向前發展的研究缺口

Consistent Theme：在兩個 12 個月期間的覆蓋率相似。

Rising Theme：雖然覆蓋範圍相似，但該區域似乎正在增長。

Novel Theme：覆蓋率相對較低，即這是一個新主題，或者當前文獻服務不足。

Sleep Biomarkers and Cognitive Decline Consistent Theme

The relationship between sleep biomarkers and cognitive decline has been a consistent area of research. Studies have focused on identifying reliable sleep parameters that predict cognitive decline and Alzheimer's disease. This theme is significant as it can lead to early detection and intervention strategies for neurodegenerative diseases.

[Show references](#)

Potential Hypotheses:

- Specific sleep biomarkers can predict the onset of Alzheimer's disease years before clinical symptoms appear
- Interventions targeting sleep quality can delay the progression of cognitive decline in at-risk populations

Disparities in Sleep and Cognitive Decline Rising Theme

Recent research has highlighted the disparities in sleep quality and cognitive decline among different racial and ethnic groups. This rising theme is critical for addressing health inequities and developing tailored interventions to improve sleep and cognitive health in diverse populations.

[Show references](#)

Potential Hypotheses:

- Racial and ethnic disparities in sleep quality contribute significantly to differences in cognitive decline rates
- Culturally tailored sleep interventions can reduce cognitive decline disparities among minority populations

Sleep Deprivation and Neuroelectrophysiological Changes Novel Theme

Recent studies have explored the neuroelectrophysiological changes associated with sleep deprivation, revealing its impact on cognitive flexibility and conflict monitoring processes. This novel theme is crucial for developing a deeper understanding of the neural mechanisms affected by sleep deprivation.

[Show references](#)

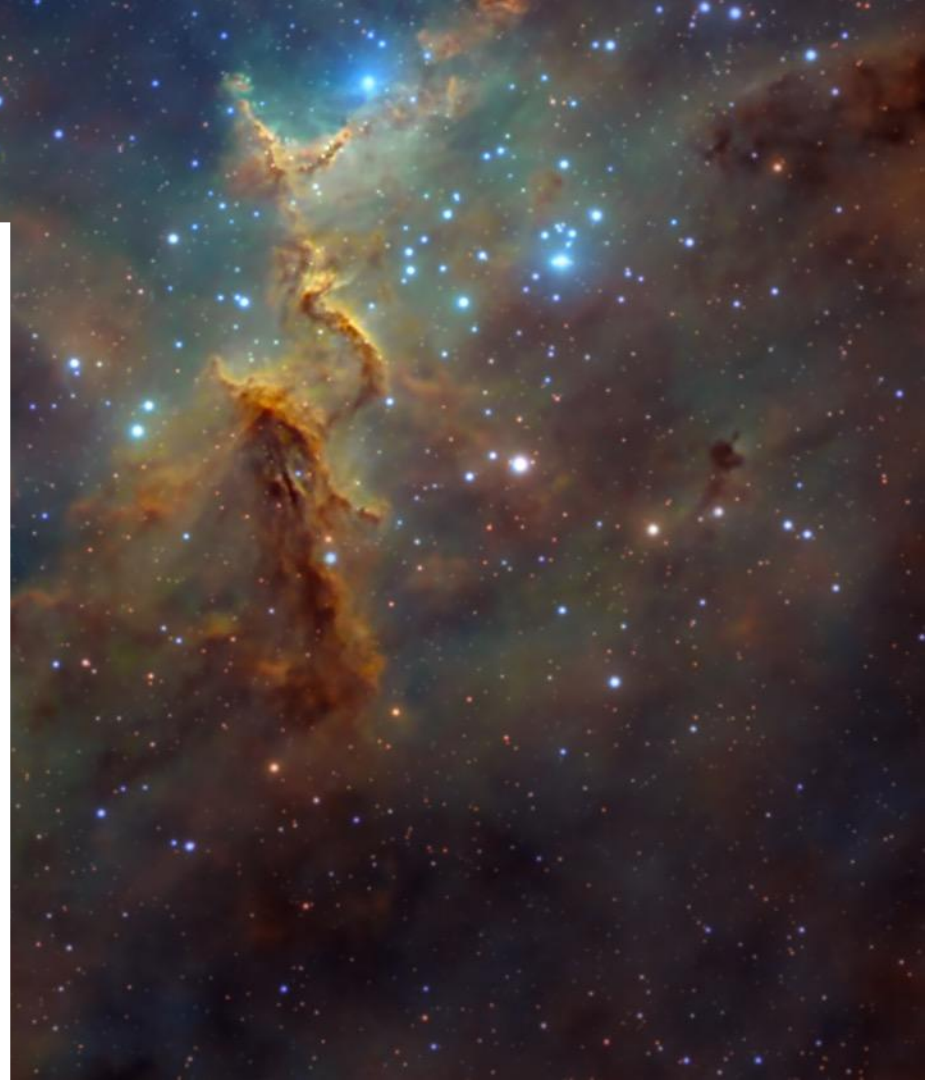
Potential Hypotheses:

- Sleep deprivation-induced neuroelectrophysiological changes are reversible with targeted cognitive therapies
- Chronic sleep deprivation leads to permanent alterations in neuroelectrophysiological patterns associated with cognitive functions

* Interface and functionality subject to change

Scopus AI Deep Research

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問題已不再是「我應該使用 AI 嗎？」而是「**哪種 AI 能幫助我完成這項任務？**」

長期的研究者需求



策略洞察



複雜問題
解決



批判性思維



創意構想

AI 如何演進以滿足這些需求



提升文獻回
顧品質



更豐富的參
考資料與細
緻的回應



發掘新穎的
想法與關聯



協助研究者
做出更明智
的決策

我們可以在 Scopus AI 上看到這種對深入洞察的渴望

憑藉其多角度的分析方法，**擴展摘要**仍然是最受好評的特色之一

根據用戶反饋，我們最近新增了對話式**跟進問題**功能。

概念地圖幫助使用者探索相關主題，並發現意想不到的聯繫

Expanded summary

Based on the user's query, I will provide a summary on the impact of chronic sleep deprivation on cognitive decline in aging populations, the neurological mechanisms underlying this impact, behavioral and cognitive markers of cognitive decline, potential interventions or treatments, and the long-term consequences of chronic sleep deprivation on cognitive decline in aging populations.

Impact of Chronic Sleep Deprivation on Cognitive Decline in Aging Populations:

- Older individuals may exhibit relative resilience to cognitive impairment when sleep deprived, possibly due to bias toward preserving performance accuracy at the cost of speed, reduced circadian rhythm amplitude, and slower buildup of sleep pressure during wakefulness [1] [2].
- However, individual differences in performance impairment due to sleep loss are stable and robust, constituting a phenotype, with baseline brain activation levels and gene polymorphisms predicting this phenotype to some extent [1] [2].

Go deeper

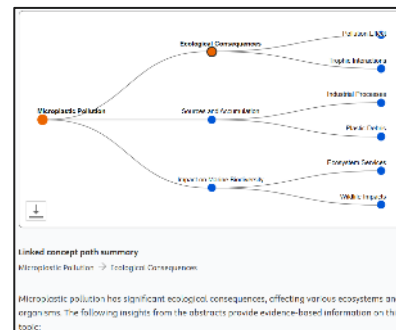
What are the long-term effects of chronic sleep deprivation on cognitive function in older adults?

How does chronic sleep deprivation impact the risk of developing neurodegenerative diseases in aging individuals?

What are the potential interventions to mitigate the cognitive decline associated with chronic sleep deprivation in aging populations?

Ask a follow-up question

Scopus AI's quality of results may vary. [How it works](#) [Share feedback](#)



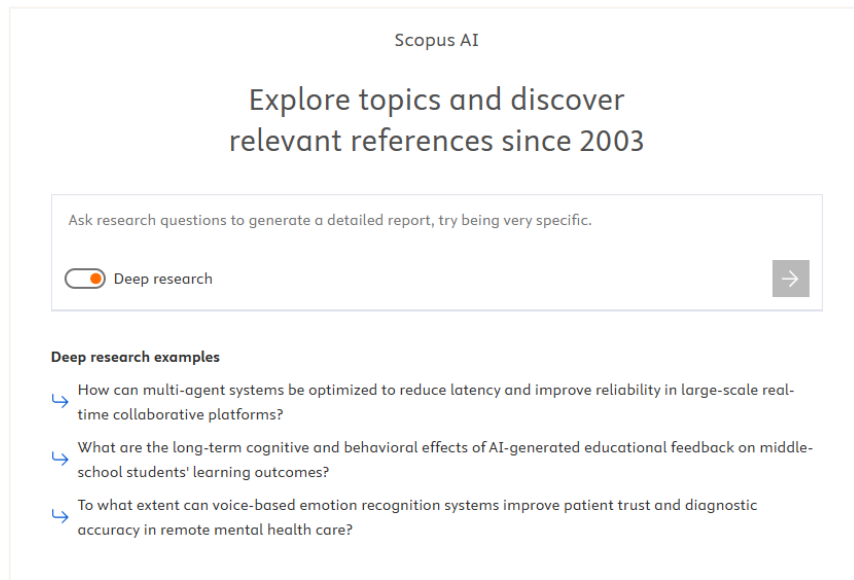
Deep Research 是一款 AI 代理人工具， 旨在模擬人類思考的部分過程

它能夠自主拆解問題，並在 **Scopus** 的同儕審查內容中挖掘答案，同時解讀結果，並依需求調整分析方式。

研究發現與由此產生的洞見，將以一份具有層次感、附帶完整參考資料的報告形式呈現。

這才只是開始

請持續關注 **Deep Research** 在 2025 年下半年帶來的更多新發展



Deep Research 可以加速並簡化研究過程

搜尋任務：

我想探索如何將自然語言處理的進展與基因組資料整合，以識別個人化醫療的新生物標記。

作為使用者，我需要...	Deep Research	大多數 GenAI 工具	非AI工具
專業領域詞彙知識	不需要	不需要	需要
建立布林搜尋字串的經驗	不需要	不需要	需要
執行多次搜尋所需的時間	不需要	需要	需要
整合研究結果的分析能力	不需要	需要	需要
從結果中提取洞見所需的時間	不需要	需要	需要

研究人員告訴我們，**Deep Research** 在幾分鐘內生成的報告，
通常需要他們花**好幾天**才能完成

Deep Research 報告的結構

關鍵發現的引用總覽

Key Findings Table

Theme	Key Insights	Supporting Citations
Real-Time Feedback Mechanisms	Adaptive feedback systems improve clinician-patient communication and diagnostic accuracy.	1 2 3 4 5
Clinician Workflow Integration	Seamless integration of AI tools enhances usability and adoption in remote diagnostics.	6 7 8 9 10
Accessibility	Universal design principles ensure inclusivity for users with sensory and motor impairments.	1 2 3
User Interface	Context-adaptive interfaces reduce cognitive load and	1 2 3

問題的直接回應

Direct Answer

Innovative Research Questions:

1. How can multimodal real-time feedback systems (audio, visual, haptic) be optimized to reduce clinician cognitive load while improving diagnostic accuracy in remote settings?
2. What role do physiological indicators (e.g., heart rate variability, fNIRS) play in adapting HCI interventions to support clinician performance and reduce diagnostic errors?
3. How can universal design principles be operationalized in XR/IoT-based remote diagnostic tools to ensure accessibility for users with combined sensory and motor impairments?
4. How does longitudinal use of human-centered decision support systems impact clinician trust, habit formation, and patient adherence in remote care?

Deep Research 報告的結構

研究範疇

Study Scope

- **Time Periods:** 2010–2025
- **Disciplines:** Human–Computer Interaction (HCI), telemedicine, accessibility design, AI integration, and implementation science.
- **Methodologies:** Mixed-methods evaluations, usability testing, heuristic analysis, physiological monitoring, and longitudinal studies.

假設與限制

Assumptions & Limitations

- **Assumptions:** Universal design principles are adaptable across XR/IoT technologies; mixed-methods frameworks are scalable for diverse healthcare contexts.
- **Limitations:** Lack of standardized metrics for accessibility in XR/IoT tools; limited longitudinal data on adaptive UI personalization impacts.

進一步研究的建議

Suggested Further Research

1. Develop standardized metrics for evaluating accessibility in XR/IoT diagnostic tools.
2. Investigate interoperability frameworks for real-time HCI performance data across heterogeneous IoT medical devices.
3. Explore longitudinal impacts of adaptive UI personalization on clinician trust and diagnostic outcomes.

Deep Research 報告的結構

正文

Introduction

Context and Significance

Remote medical diagnostics have emerged as a cornerstone of modern healthcare, driven by advancements in telemedicine, IoT, and AI technologies. Human-Computer Interaction (HCI) plays a pivotal role in enhancing diagnostic accuracy, clinician workflows, and patient engagement. However, challenges such as cognitive overload, accessibility barriers, and workflow misalignment persist, necessitating innovative research and evaluation methodologies [1](#) [2](#) [3](#)

Scope and Objectives

This report explores innovative research questions and user study methodologies to improve HCI in remote medical diagnostics. Key areas include interface design, real-time feedback mechanisms, accessibility, and clinician workflow integration.

Innovative Research Questions in Human-Computer Interaction for Remote Medical Diagnostics

Novel HCI Challenges and Opportunities in Remote Diagnostics

- **Intelligent Interaction Methods:** How can adaptive multimodal feedback systems reduce cognitive load while enhancing diagnostic precision? [14](#) [15](#) [16](#)
- **AI and IoMT Integration:** What are the best practices for embedding AI-driven decision support tools into clinician workflows? [17](#) [18](#) [19](#)
- **Emerging Technologies:** How can XR and IoT technologies be leveraged to create immersive, accessible diagnostic environments? [20](#) [21](#)

Optimizing User Interface Design for Remote Diagnostic Systems

- **Context-Adaptive Interfaces:** How can dynamic GUIs tailored to clinical contexts improve usability and reduce errors? [22](#) [23](#)
- **Heuristic Evaluations:** What role do heuristic evaluations play in identifying critical usability issues in medical interfaces? [24](#) [25](#)

綜合段落

Deep Research 報告的結構

討論與未來研究方向

Discussion and Future Directions

Bridging Research and Clinical Practice

Human-centered design and stakeholder engagement are critical for translating HCI research into clinical workflows. Iterative co-design processes ensure tools align with clinician and patient needs [47](#) [48](#)

Leveraging Emerging Technologies

AI, IoT, and XR technologies offer transformative potential for remote diagnostics. Addressing challenges in privacy, interoperability, and accessibility will unlock their full capabilities [49](#) [50](#)

Advancing Evaluation Methodologies

Developing robust, scalable, and context-aware user study frameworks is essential for continuous improvement of remote diagnostic systems [51](#) [52](#)

Conclusion

Summary of Contributions

This report identifies innovative research questions and user study methodologies to advance HCI in remote medical diagnostics. Key areas include real-time feedback, accessibility, and workflow integration.

Recommendations for Researchers and Practitioners

1. Prioritize universal design principles in emerging technologies.
2. Employ mixed-methods frameworks for comprehensive usability evaluations.
3. Conduct longitudinal studies to assess sustained impacts on clinician trust and patient outcomes.

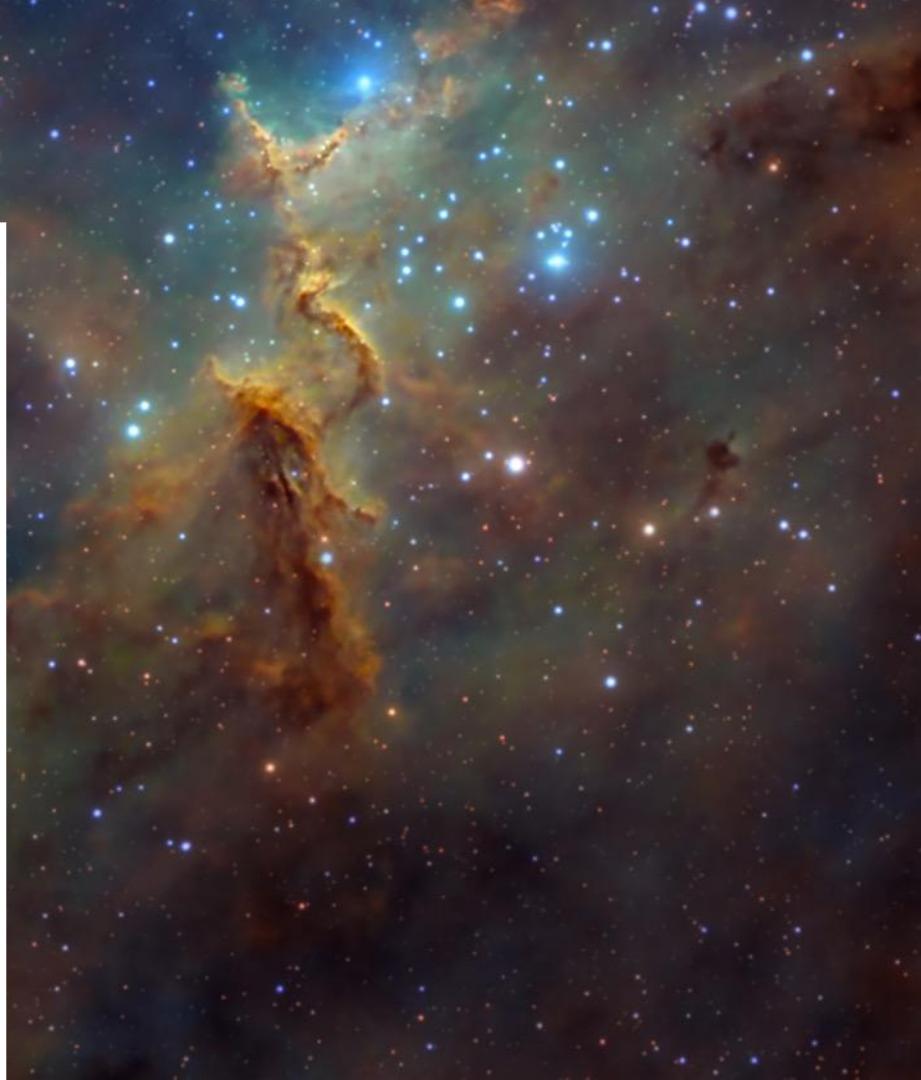
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Is this deep research report useful [Yes](#) [No](#)

結論與建議

未來發展及 用戶資源

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通用型 AI 工具

價值：

- ✓ 精密的 AI 模型
- ✓ 免費版本

潛在的危險信號：

- 通常依據一般性、非同儕審查內容
- 回答可能存在缺漏或多餘資訊
- 可能捏造引用文獻
- 不融入研究工作流程
- 訓練資料可能較舊
- 隱私不一定有保障

其他學術 AI 工具

價值：

- ✓ 部分提供免費版本
- ✓ 部分內容可引用

潛在的危險信號：

- 內容可能有限或缺乏透明度
- 可能包含重複資料
- 可能包含信任度較低的內容
- 可能不在現有研究工作流程工具中
- 通常需要額外登入或存取權限

Scopus AI & Deep Research

價值：

- ✓ 可在研究工作流程中直接使用
- ✓ 使用可靠、經同儕審查的內容
- ✓ 採用專利申請中的技術
- ✓ 與學術社群共同設計，以滿足研究需求
- ✓ 依據負責任 AI 原則開發，確保透明性與隱私
- ✓ 評估框架旨在降低捏造資訊與偏見

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行動裝置和桌上型電腦之間的即時同步意味著您始終可以從上次中斷的地方繼續

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我們根據用戶反饋不斷增強 Scopus AI

2025 年的管道中還有很多進一步的發展，包括：

- 其他 **深度研究** 功能
- **主題專家**的重大升級
- 增強的 **多語言支持**
- **更多分析**，例如，識別和可視化與研究主題相關的主要作者、機構和國家的選項。

這些將加入自 Scopus AI 推出以來已經引入的一系列改進，例如：

- 關於 Scopus AI 對其回應信心的指南
- 進階 Copilot 搜尋工具
- 新興主題功能
- 深度研究模式
- 能夠按國家/地區、時間範圍等過濾搜索。

Scopus & Scopus AI 用戶資源



Elsevier Scopus 用戶資源

您可以找到有關客戶支援、使用統計平台、教育訓練素材等資源。

[Scopus 資料庫](#)

Scopus 操作指南 | 主題講座資源 | 世界大學排名 | 使用統計

機構檔案精選 | Scopus 作者資源 | 聯絡客服

用戶資源

- Scopus 簡介
- Scopus AI 用戶資源
- 講義: 基本操作指南
- 教育訓練課程表
- 指標介紹
- 認識 CiteScore
- API 簡介
- Scopus 操作題庫
- SDG 分類方法論
- Scopus 客服中心

Scopus 操作指南

搜尋: 文獻 | 搜尋: 來源出版物 | 搜尋: 作者及研究人員

分析: 文獻結果及文獻 | 分析: 來源出版物



Scopus AI

Scopus AI 用戶資源

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Scopus AI 操作影片

- Copilot
- Summary
- Expanded Summary
- Topic Experts
- Emerging Themes
- Go Deeper

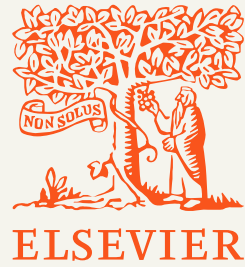
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