



# Scopus AI: Trusted content. Powered by responsible AI

2025년 12월 3일



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# 현재 활용되고 있는 검색 툴의 한계

- 현재의 툴은 새로운 분야에 집중된, 명확한 요약 제공하지 못함. 중요한 아이디어를 빠르게 이해하고 잠재적인 협력자를 탐색하기 어려움
- 생성형 AI (Generative AI) 기반의 Scopus AI는 연구 주제에 대한 간략하고 신뢰할 수 있는 요약 제공을 목표로 전통적인 툴의 한계에 도전
- Scopus AI는 효율적으로 연구를 수행하고 관련 정보를 찾고, 다양한 분야에서 연구협력이 가능하도록 지원

The screenshot shows a Google Scholar search for 'lk-99'. The search results are displayed in a list format. The first result is 'Synthesis of possible room temperature superconductor LK-99: Pb<sub>9</sub>Cu(F...)' by K. Kumar, N.K. Karn, and V.P.S. Awana, published in arXiv preprint arXiv:2307.16402, 2023. The second result is 'Theoretical insight on the LK-99 material' by J. Cabezas-Escases, N.F. Barrera, and C. Cardenas, published in arXiv preprint arXiv:..., 2023. The third result is '[PDF] Consideration for the development of room-temperature ambient-pr superconductor (LK-99)'. The search interface includes a search bar with 'lk-99', a search button, and a search history section. The search results are filtered by 'All' and sorted by 'Date (newest)'. The search results table has columns for 'Document title', 'Authors', 'Source', and 'Year'. The first result is 'Incommensurate charge-stripe correlations in the kagome superconductor CsV<sub>3</sub>Sb<sub>5-x</sub>Sn<sub>x</sub>' by Kautzsch, L., Oey, Y.M., Li, H., ...Zeljko, I., Wilson, S.D., published in npj Quantum Materials, 2023, 8(1), 37. The second result is 'Excitonic insulator to superconductor phase transition in ultra-compressed helium' by Liu, C., Errica, I., Ding, C., ... Boronat, J., Cazorla, C., published in Nature Communications, 2023, 14(1), 4158. The third result is 'Unusual crossover from Bardeen-Cooper-Schrieffer to Bose-Einstein-condensate superconductivity in iron chalcogenides' by Mizukami, Y., Haze, M., Tanaka, O., ...Matsuda, Y., Shibauchi, T., published in Communications Physics, 2023, 6(1), 183.

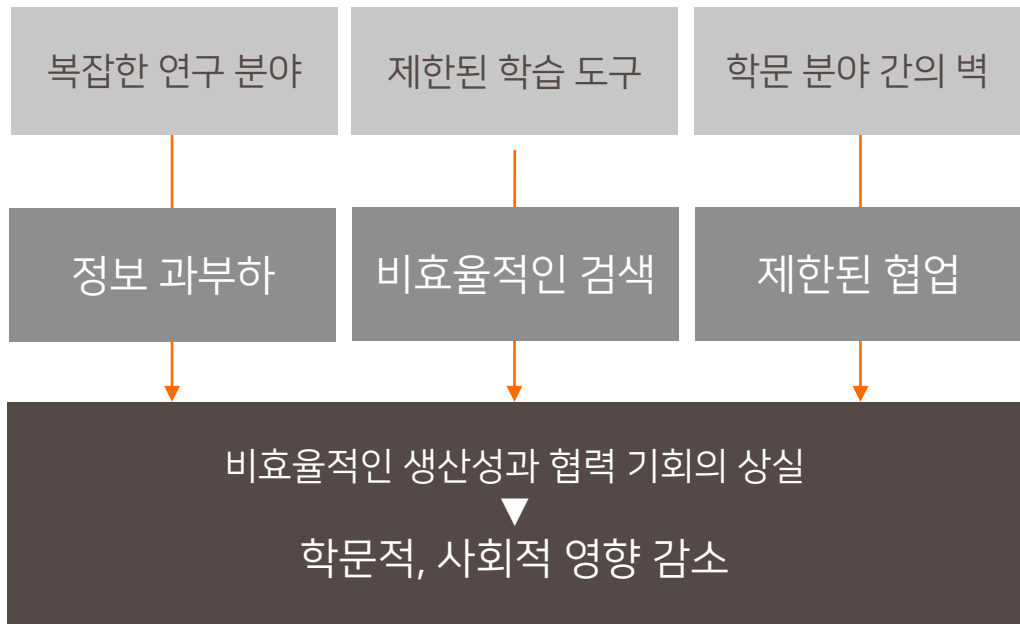
# 오늘날 연구자들이 마주하는 어려움

새로운 주제를 효과적으로  
학습할 수 있는 방법?



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## 연구원 및 학자 (Early career)

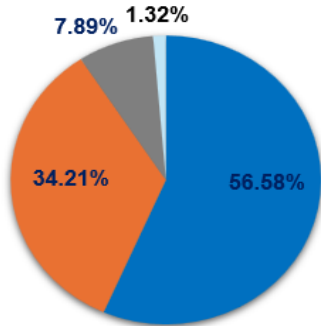


# Scopus AI 활용 목적

- 연구 주제에 대한 간략하고 신뢰할 수 있는 요약 및 참고문헌 제공
- 연구 주제에 대한 통찰력 확보
- 연구 아이디어를 더 명확하게 구성 및 가설개발
- 비전문가에게 복잡한 주제를 설명하기 위한 참고자료
- 다른 연구자들과의 공동연구

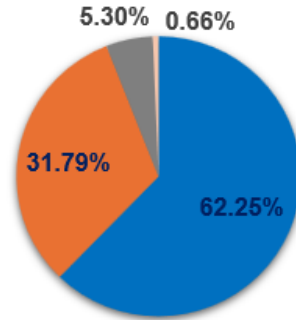
<2024년, A국가 연구자 1,205명을 대상으로 한 설문조사 결과>

응답자의 90.8%는 신뢰할 수 있는 콘텐츠가 중요하다고 답변



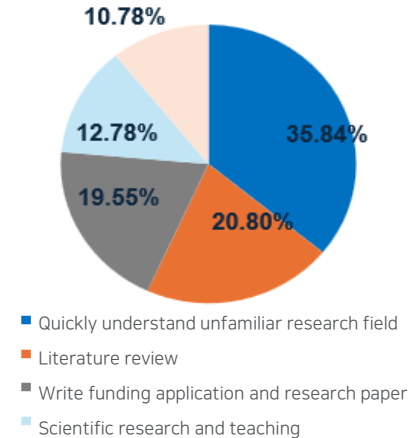
■ Very important ■ Important ■ Neutral ■ Unimportant

응답자의 94%가 Scopus AI를 다른 사람에게 추천한다고 답변



■ Strongly Agree ■ Agree ■ Neutral ■ Disagree

Scopus AI는 다양한 연구관련 업무에 활용



■ Quickly understand unfamiliar research field  
 ■ Literature review  
 ■ Write funding application and research paper  
 ■ Scientific research and teaching



# Introducing Scopus AI

Your dynamic GenAI-informed  
research companion

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# 자연어 질의로 연구를 간소화

코파일럿(Copilot)은 모든 단계를 실시간으로 투명하게 확인할 수 있음

강력한 코파일럿 검색 도구가 자연어 검색을 지원

벡터 검색과 키워드 검색을 모두 결합하여 복잡한 불리언(Boolean) 쿼리를 자동으로 생성

쿼리를 세분화하고 최적화하여 결과의 정확성을 향상

Explore topics and discover relevant references since 2003 [How it works](#)

How can game theory be applied to corporate compliance programs?



How can game theory be applied to corporate compliance programs?

Hide Copilot steps ^

- ① Creating plan to answer your query
- ② Performing natural language search:
  - Application of game theory in corporate compliance programs
- ③ Performing keyword search:
  - ("game theory" OR "strategic interaction" OR "decision theory" OR "interactive decision making") AND ("corporate compliance" OR "business compliance" OR "regulatory compliance" OR "corporate governance") AND ("programs" OR "initiatives" OR "strategies" OR "policies")
- ④ Generating summary

# 당신만의 방식으로 검색

원하는 언어로 질문을 입력하세요.

더 세분화된 검색을 원하시면, 다음과 같은 조건으로 검색을 필터링할 수 있습니다.

- 국가
- 기간
- 문서유형
- 피인용 수

질문을 입력할 때 검색 조건을 함께 추가하세요. 예시:

"유럽 기관의 리뷰 논문으로 제한해 줘"

"50회 이상 인용된 2020-2024년 연구에 집중해 줘"

"컨퍼런스 페이퍼만 포함해 줘"

# Scopus 레퍼런스가 포함된 두 가지 요약

이해하기 쉬운 요약 (Summary)  
초기 질문에 대해 간결한 답변을 제공

확장된 요약 (Expanded Summary)  
Elsevier의 자체 기술을 사용하여 더 깊이 있고  
다양한 관점을 제공

### 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 PJ, Girkin NT.  
*Agroecology and Sustainable Food Systems* 2023
- 2 Coffee in the crosshairs of climate change: agroforestry as abatis  
Rice RA.  
*Agroecology and Sustainable Food Systems* 2018
- 3 Coffee and chocolate in danger  
Gross M.  
*Current Biology* 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., Lidzarsch, Peter Roman, O., Ovalle-Rivera, Oriana, D., Kirschke, Dieter  
*Climatic Change* 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

# 계속해서 깊이 탐색하세요

Scopus AI는 각 질문에 대해 세 가지 심층 질문(Go deeper questions)을 생성하여 사용자가 더 깊이 파고들고 이해를 넓힐 수 있도록 돕습니다.

또한, 대화형 후속 질문(Conversational follow-up) 기능을 도입하여 세부 사항을 확인하거나, 생각을 다듬거나, 질문의 초점을 다시 맞추는 등 자신만의 질문을 쉽게 할 수 있습니다.

## 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

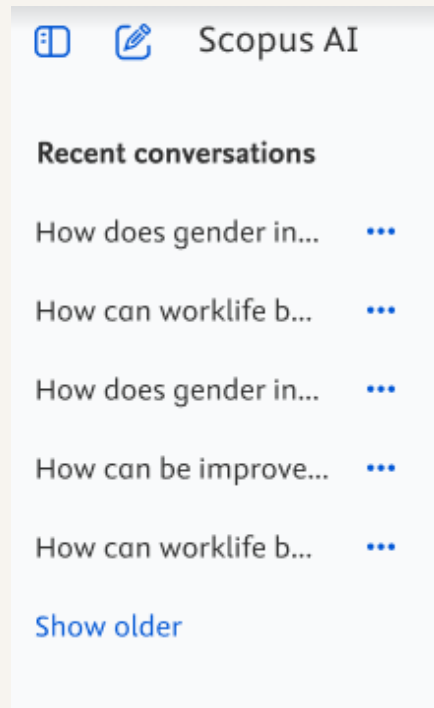


# 대화 기록(Conversational history)으로 검색 과정을 놓치지 마세요

과거 대화 내용을 암호화된 보안 서버에 자동 저장하여 언제든지  
핵심 인사이트를 다시 확인할 수 있음

중단했던 지점부터 질의를 다시 시작

이전의 주제 탐색 기록에 대한 유용한 개요를 제공



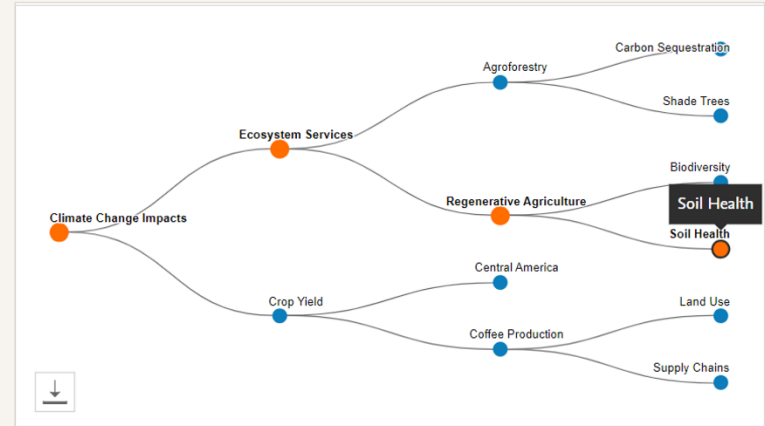
검색 기록을 저장하지 않는  
임시 대화 모드  
(Temporary conversation mode)  
선택할 수 있음

# Concept map으로 더 큰 그림을 보세요

연구 분야 내의 연결 관계를 시각적으로 파악하는 데  
유용

주제 공간과 다른 연구 분야와의 관계를 한눈에 조망

노드를 클릭하여 선택한 주제와 어떻게 관련되는지 발견



Climate Change Impacts → Ecosystem Services → Regenerative Agriculture → Soil Health

The impact of climate change on soil health and its implications for regenerative agriculture and ecosystem services are well-documented in the literature.

#### Climate Change and Soil Health:

- Climate change affects soil health through factors such as weather variability, land use practices, and anthropogenic activities [1](#) .
- It can lead to soil desertification, erosion, and degradation, impacting soil biological, chemical, and physical functions [2](#) .
- The review emphasizes the intertwined relationship between climate change and soil health, highlighting the need for multidisciplinary approaches to improve crop production and achieve sustainable development goals [1](#) .

# 중요한 연구 문헌과 저자 발견

Foundational documents : 요약본 작성에 사용된  
초록들에서 가장 자주 인용된 논문들

또한 Scopus AI는 Scopus의 풍부한 저자 프로필을  
활용하여, 선택한 분야에서 가장 활발하게 활동하는  
저자인 Topic experts를 강조하여 보여줍니다.

## 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,  
A., Vlachos, Adrianna, (...), A.H., Beggs, Alan H.  
*American Journal of Human Genetics* ↗ 2008

[Show more documents](#)

## 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 CO<sub>2</sub>, as well as their investigation into the effects of drought, warming, and high CO<sub>2</sub> 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.

# Emerging themes 기능으로 ‘Goldilocks zone’ 발견

모든 연구 분야의 지형을 즉시 파악

주제 간의 예상치 못한 연결고리를 발견

주류가 되기 전에 떠오르는 새로운 주제를 포착

Emerging themes Beta

**Traditional and Non-Pharmacological Remedies for the Common Cold** Consistent Theme

The consistent interest in traditional and non-pharmacological remedies for the common cold highlights a significant area of research. This theme encompasses a variety of approaches, including herbal treatments, traditional Chinese medicine, and other natural products. The consistent presence of this theme suggests a sustained interest in exploring alternative and complementary therapies for managing and potentially curing the common cold.

[Show references](#)

Potential Hypotheses:

- Traditional herbal remedies can provide effective symptom relief and reduce the duration of the common cold
- Non-pharmacological treatments, such as dietary supplements and lifestyle changes, can enhance immune response and prevent common cold infections

# 연구 분야를 발전시킬 수 있는 Whitespace를 발견

**Consistent theme:** 지난 2년간(각 12개월) 유사한 수준의 연구가 꾸준히 진행된 분야

**Rising theme:** 연구의 양은 비슷하지만, 점차 주목받으며 성장하고 있는 것으로 보이는 분야

**Novel theme:** 연구의 양이 상대적으로 적거나, 기존 문헌에서 거의 다루어지지 않은 새로운 분야

## 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

# Deep Research는 인간의 사고 과정을 모방하는 것을 목표로 하는 에이전트 AI 도구

Deep Research는 질문을 각 부분으로 나누어 독립적으로 분석, Scopus에서 답변을 찾아 필요에 따라 **응답을 해석하고 접근 방식을 조정함**

검색 결과와 그로부터 얻은 인사이트는 **출처가 명시된 심층적인 보고서 형태로 제공**



[Deep Research 사용가이드 보기](#)

# Deep Research 보고서의 구조

출처가 명시된  
주요 결과 요약

## Key Findings Table

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

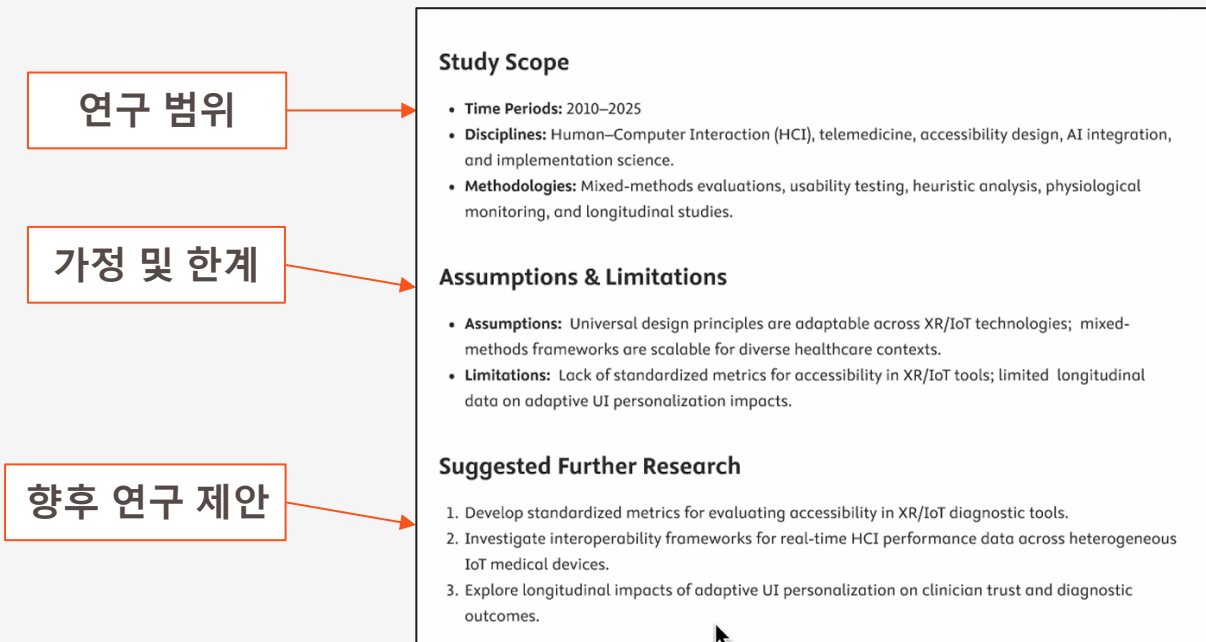
질문에 대한  
직접적인 답변

## 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 보고서의 구조



# Deep Research 보고서의 구조

본문

## 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](#)

종합 문단

# Deep Research 보고서의 구조

토론 및  
향후 연구 방향

## 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.

[Show all 52 references](#) [Download report](#)

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

결론 및 권장 사항

# Summary / Expanded Summary / Deep Research 비교

구분	Basic Summary	Expanded Summary	Deep Research
목적	빠른 개요 및 팩트 확인	내용 보강 및 다각도 분석	심층 조사 및 종합 보고서 작성
작동 방식	상위 문헌 검색 후 즉시 요약	더 많은 문헌을 참고하여 뉘앙스/관점 추가	AI가 스스로 계획 수립 → 반복 검색 → 종합 (Agentic)
결과물 형태	짧은 요약문 + 참고문헌 리스트	더 긴 텍스트 + 이론적 배경/반대 의견	구조화된 긴 호흡의 리포트 (서론-본론-결론-제언)
추천 상황	<ul style="list-style-type: none"> <li>• 낯선 용어/개념 정의 확인</li> <li>• 단순 사실 관계 체크</li> <li>• 키워드 관련성 탐색</li> </ul>	<ul style="list-style-type: none"> <li>• 주제의 장단점/한계 비교</li> <li>• 이론적 배경 심화 학습</li> <li>• 디테일 파악</li> </ul>	<ul style="list-style-type: none"> <li>• 선행 연구 조사</li> <li>• 연구의 공백(Gap) 발견</li> <li>• 전체 지형 파악</li> </ul>

# Scopus

- Scopus는 Elsevier 출판사에서 구축한 서지/초록/인용데이터베이스
- 전세계 105개국 7,000여개 이상의 출판사에서 제공되는 방대한 콘텐츠 포함
  - ✓ 논문 투고를 위한 학술지 검증
  - ✓ 연구자의 연구성과 추적 분석
  - ✓ 연구협력을 위한 기획
  - ✓ 연구논문의 영향력 및 글로벌 연구동향 탐색
  - ✓ 선행연구 탐색
  - ✓ 연구주제의 차별화

Number of journals by subject area**	Journals	Conferences	Books	Preprints
Physical sciences 15,877	29,132** active peer-reviewed journals 171 trade journals 8,543 OA Journals (DOAJ/ROAD) 26M fully-indexed funding acknowledgements <ul style="list-style-type: none"><li>• Full metadata, abstracts and cited references (refs post-1970 only)</li><li>• Citations back to 1970</li></ul>	171K conference events 13.2M conference papers  Mainly Engineering and Computer Sciences	441K stand-alone books 4.06M total book items  Focus on Social Sciences and A&H	2.9M preprints  7 major patent offices: <ul style="list-style-type: none"><li>• arXiv</li><li>• ChemRxiv</li><li>• bioRxiv</li><li>• medRxiv</li><li>• SSRN</li><li>• TechRxiv</li><li>• Research Square</li></ul>

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\*Journals may be classified in multiple subject areas: this count includes current actively indexed titles only

\*\*Total number of Scopus journals in database including inactive titles is 47,301

<2025년 9월 기준>

# 국제 학술지 색인 데이터베이스

## 서지데이터베이스

PubMed

논문 제목

저자정보

초록

키워드

원문

참고문헌/인용정보

## 초록, 인용 데이터베이스

Scopus, Google Scholar

논문 제목

저자정보

초록

키워드

원문

참고문헌/인용정보

## 원문데이터베이스

ScienceDirect

논문 제목

저자정보

초록

키워드

원문

참고문헌/인용정보

# Scopus AI: 콘텐츠 질과 신뢰성을 보장하는 통합적 접근

우수 학술저널을 선별하여 색인하는 Scopus



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Reflection layer

Scopus AI 테스트



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Harmful evaluation framework



Human oversight

책임있는 AI 원칙과 데이터  
개인정보 정책 준수



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Data privacy

# Scopus AI: 답변에 활용되는 Scopus 연구성과

## Summary

포함되는 문서: 2003년 이후~

- Articles
- Books
- Book chapters
- Conference papers
- Data papers
- Reports
- Reviews
- Short surveys

## Foundational Documents

포함되는 문서: Scopus 전체

## Emerging Themes

포함되는 문서: 24개월 이내  
연관 문서 초록

## Concept Map

2003년 이후 연관 문서 초록

## Topic Experts

Scopus 연구자 프로필

# Scopus AI: 콘텐츠 질과 신뢰성을 보장하는 통합적 접근

## Without Scopus AI

읽어야 하는 450 개의 논문

✗ 한 논문 초록당 2분 소요

= 15 시간 (~2일) 후  
가장 연관성 높은 논문 확인

## With Scopus AI

연구 과정에서 30분 소요

절약한 시간 = 14.5 시간  
(~2 일)

### Emerging Theme를 통한 인사이트 발견

- Consistent Theme: 지난 2년 동안 유사한 수준의 연구가 이루어진 테마
- Rising Theme: 최근 12개월간 연구 수준이 증가한 테마
- Novel Theme: 연구가 부족하거나 새롭게 떠오르는 테마로, 연구, 자금, 협업 등에서 활용가능성이 높은 영역

# Difference of Scopus AI

## 일반적인 GenAI

### 장점:

- ✓ 정교한 LLMs
- ✓ 무료 버전

### 잠재적 위험:

- 동료의 검토를 거치지 않은 일반 콘텐츠를 자주 사용
- 답변이 없거나 불필요한 내용이 포함될 수 있음
- 참고문헌의 조작 가능성
- 연구과정의 일부가 되지 않음
- 오래된 데이터로 학습
- 개인정보가 항상 보장되지 않음

## Scopus AI

### 장점:

- ✓ Scopus에서 이용 가능하며, 연구 과정의 일부임
- ✓ 신뢰할 수 있고 엄선된 동료 검토 콘텐츠를 사용
- ✓ 특허 출원 중인 기술을 활용
- ✓ 학계 구성원의 요구에 맞게 설계됨
- ✓ 투명성, 개인정보 보호 및 신뢰를 위해 책임감 있는 AI 원칙을 사용하여 개발
- ✓ 평가 및 품질 프레임워크로 Hallucinations 최소화

## 기타 학술 GenAI

### 장점:

- ✓ 일부 무료 버전 존재
- ✓ 일부 인용 가능한 출처 확인

### 잠재적 위험:

- 콘텐츠가 제한되거나 불투명
- 중복 데이터가 포함될 수 있음
- 신뢰도가 낮은 콘텐츠 포함
- 현재 연구과정에 포함되지 않은 도구

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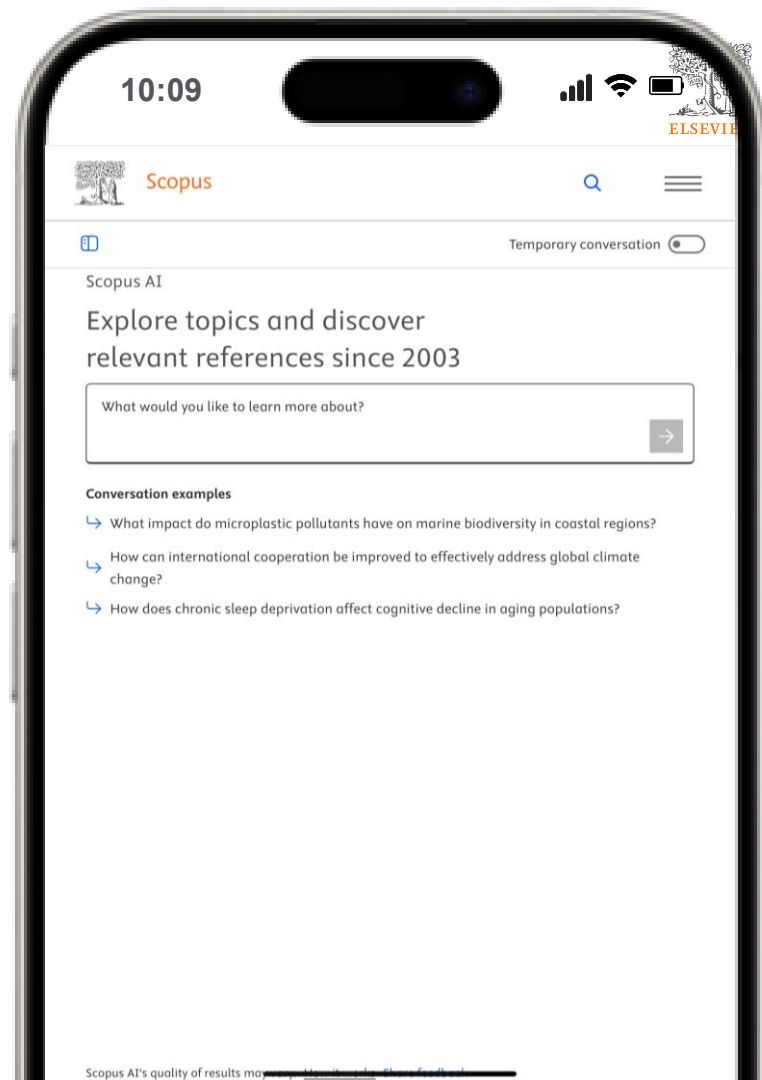
...for actionable insights

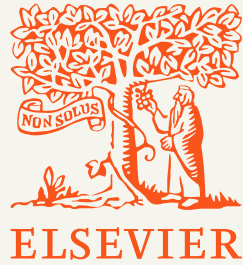
# 업데이트 예정 기능

## 모바일 최적화

- 모바일과 데스크탑의 실시간 동기화

## 지속적인 업그레이드





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