

Ako funguje nástroj *Scopus with AI?*

Čo zahrňa odpoveď z nástroja *Scopus with AI*?



Summary

Komplexná odpoveď na vašu otázku s kompletnými odkazmi na zdroje



Expanded summary

Rozšírená verzia odpovede na vašu otázku



Go deeper questions

Zoznam navrhovaných dotazov, ktoré vám pomôžu pokračovať v objavovaní



Concept map

Vizuálna mapa, ktorá poskytuje celkový pohľad na danú tematickú oblasť



Foundational documents

Zoznam kľúčových článkov vo vami zvolenej oblasti



Topic experts

Špičkoví výskumníci vo vami zvolenej oblasti (na základe počtu súvisiacich publikácií)



Deep Research report

Podrobnejšia analýza zložitých alebo otvorených otázok



Conversational Follow-Up

Voľné textové pole, ktoré umožňuje zadať doplňujúce otázky



Conversational history

Zoznam všetkých vašich predchádzajúcich konverzácií na pokračovanie vo vyhľadávaní



Emerging themes

Prehľad, ktorý vám pomôže nájsť potenciálne nové témy a možnosti

Vaše vyhľadávanie, váš spôsob

Copilot je plne transparentný – každý jeho krok môžete sledovať v reálnom čase

Zadajte svoj **dotaz v jazyku podľa vlastného výberu**.

Hľadáte väčšiu mieru granularity? Nástroju *Scopus with AI* môžete zadať príkaz, aby výsledky vyhľadávania **filtroval** podľa:

- Krajiny
- Časového obdobia
- Typu dokumentu
- Počtu citácií

(napr. "Zameraj sa na štúdie z rokov 2020 – 2024 s viac ako 50 citáciami")

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 ^

☑ Creating plan to answer your query

☑ Performing natural language search:

- Application of game theory in corporate compliance programs

☑ 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")

☑ Generating summary

Vyberte si z dvoch zhrnutí s odkazmi na databázu *Scopus*

L'ahko zrozumiteľné **Summary** poskytuje stručnú odpoveď na vašu pôvodnú otázku.

Expanded summary využíva našu vlastnú technológiu a ponúka väčšiu hĺbku i širší pohľad na vec.

* Rozhranie a funkčnosť podliehajú zmenám

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.T.
Agroecology and Sustainable Food Systems 2023
- 2 Coffee in the crosshairs of climate change: agroforestry as abatis
Rice R.A.
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., Läderach, 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

Prehlbujte svoje bádanie

Nástroj *Scopus with AI* ku každému vyhľadávaciemu dotazu vygeneruje tri otázky typu **Go deeper**, ktoré vám pomôžu preniknúť hlbšie do témy a rozšíriť si obzory.

Vďaka funkcii **Conversational Follow-Up** môžete jednoducho klásť vlastné otázky – čo je skvelé na overenie detailov, spresnenie úvah alebo preformulovanie požiadavky.

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



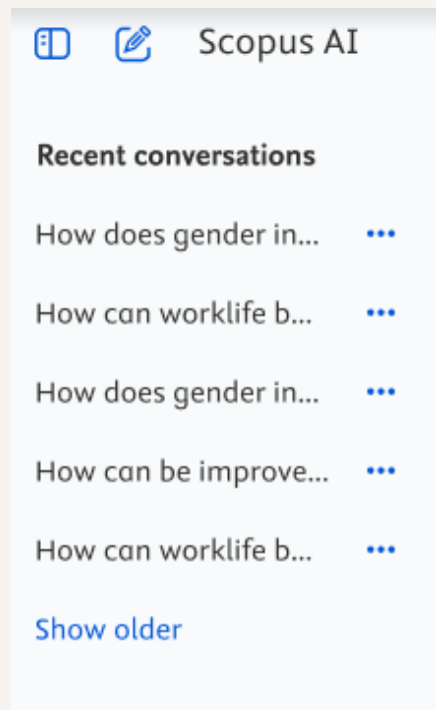
* Rozhranie a funkčnosť podliehajú zmenám

Nestraťte prehľad vďaka *Conversational history*

Automaticky ukladá minulé konverzácie na šifrovaný a zabezpečený server, aby ste sa ku kľúčovým informáciám mohli kedykoľvek vrátiť.

Umožňuje vám obnoviť dotaz v bode, kde ste ho prerušili.

Nechcete si ukladať vyhľadávania?
Žiadny problém – stačí zvoliť náš
režim dočasnej konverzácie

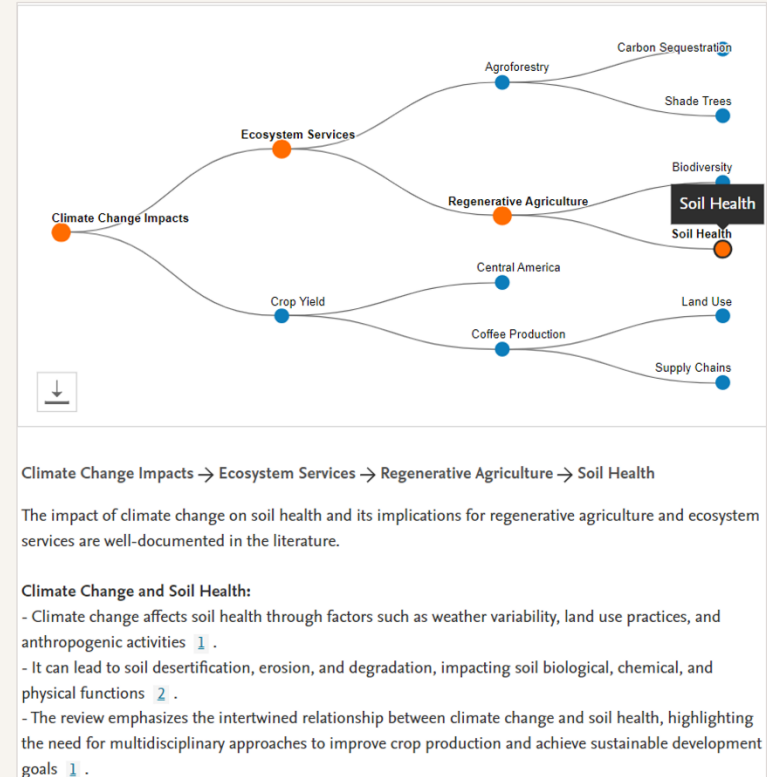


Pozrite sa na celkový obraz pomocou *Concept map*

Užitočný vizuálny pohľad na súvislosti vo vašom odbore.

Získajte celkový pohľad na tematickú oblasť a jej vzťah k iným výskumným oblastiam.

Kliknite na uzol a zistíte, ako súvisí s témou, ktorú ste si zvolili.



* Rozhranie a funkčnosť podliehajú zmenám

Objavte prelomové diela a autorov

Foundational documents vám zobrazuje články, ktoré sú najčastejšie citované v abstraktoch použitých na písanie vašich súhrnov.

Scopus with AI využíva rozsiahlych profilov autorov v databáze Scopus a zvýrazňuje **Topic experts**, odborníkov na danú tému – najaktívnejších autorov v odbore, ktorý ste vybrali.

* Rozhranie a funkčnosť podliehajú zmenám

ELSEVIER

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 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.

Identifikujte "prázdny priestor", ktorý môže posunúť váš odbor vpred

Emerging themes identifikuje zavedené, vynárajúce sa a nové témy na základe svojho dotazu, čo vám umožňuje preskúmať „prázdny priestor/white space“, na ktorý sa môžete zamerať pri publikovaní, spolupráci a možnostiach financovania.

- **Consistent theme:** Podobná úroveň pokrytia v priebehu dvoch 12-mesačných období.
- **Rising theme:** Hoci je rozsah pokrytia podobný, zdá sa, že daná oblasť sa rozširuje.
- **Novel theme:** Miera pokrytia je pomerne nízka; môže ísť o novú tému alebo oblasť, ktorej sa súčasná literatúra venuje nedostatočne.

Emerging themes

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

Hľadáte viac a hlbšie poznatky? Vyskúšajte *Deep Research*

Stačí kliknúť na možnosť Deep Research v odpovedi nástroja *Scopus with AI*.

Systém, založený na mechanizme na spracovanie a vyhodnocovanie informácií, ponúka mnohé z rovnakých výhod ako Copilot – dokáže sa však počas vyhľadávania prispôbovať novým informáciám a meniť postup tak, aby našiel čo najlepšiu odpoveď na vašu otázku.

Zistenia sú spolu s poznatkami, ktoré z nich vyplývajú, prezentované v správe s uvedenými zdrojmi.



Pozrite si našu
[Deep Research user guide](#)

Anatómia správy typu *Deep Research*

Prehľad
kľúčových
zistení s
odkazmi

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
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?		

Priama
odpoveď na
otázku

Rozsah výskumu

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.

Predpoklady a
obmedzenia

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.

Návrh na ďalší
výskum

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.

Anatómia správy typu *Deep Research*

Hlavná časť

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](#)

Diskusia a smery
budúceho
výskumu

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](#)

Syntetizujúci
odsek

Záver a
odporúčania