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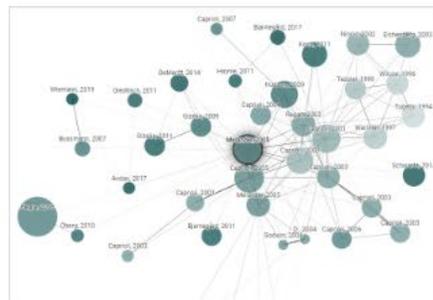
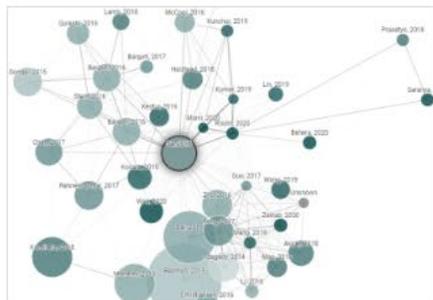
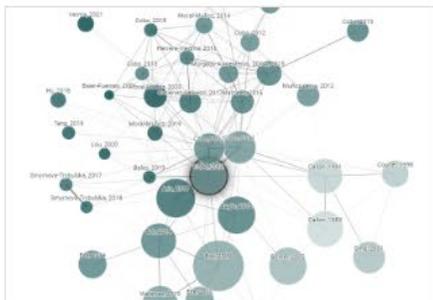
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To use or not to use ChatGPT in higher education?

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Interactive Learning Environments

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**To use or not to use ChatGPT in higher education? A study of students' acceptance and use of technology**

Artur Strzelecki

To cite this article: Artur Strzelecki (08 May 2023): To use or not to use ChatGPT in higher education? A study of students' acceptance and use of technology, Interactive Learning Environments, DOI: [10.1080/10494820.2023.2209881](https://doi.org/10.1080/10494820.2023.2209881)

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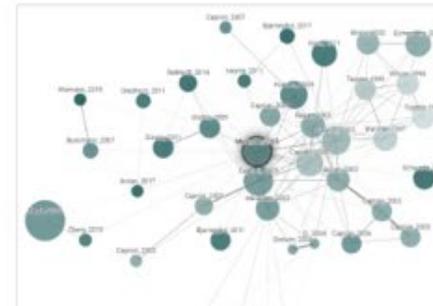
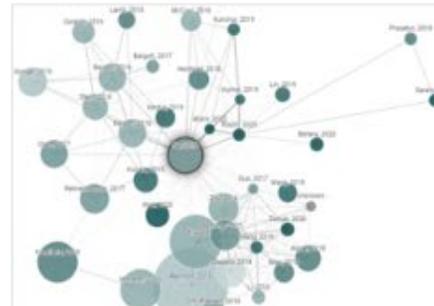
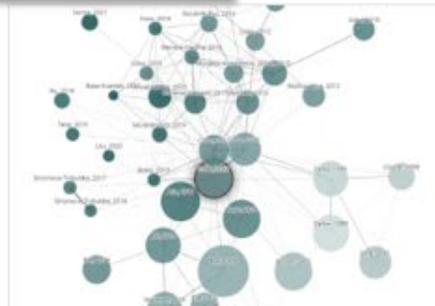
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To use or not to use ChatGPT in higher education? A study of students' acceptance and use of technology

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Khalida Parveen, Tran Quang Bao Phuc, Abdulela... 2024

Understanding University Students' Acceptance of ChatGPT: Insights from the UTAUT2 Model

Simone Grassini, Maren Linnea Aasen, Anja... 2024

Students' Acceptance of ChatGPT in Higher Education: An Extended Unified Theory of...

Artur Strzelecki 2023

Determinants of Intention to Use ChatGPT for Educational Purposes: Findings from PLS-SEM...

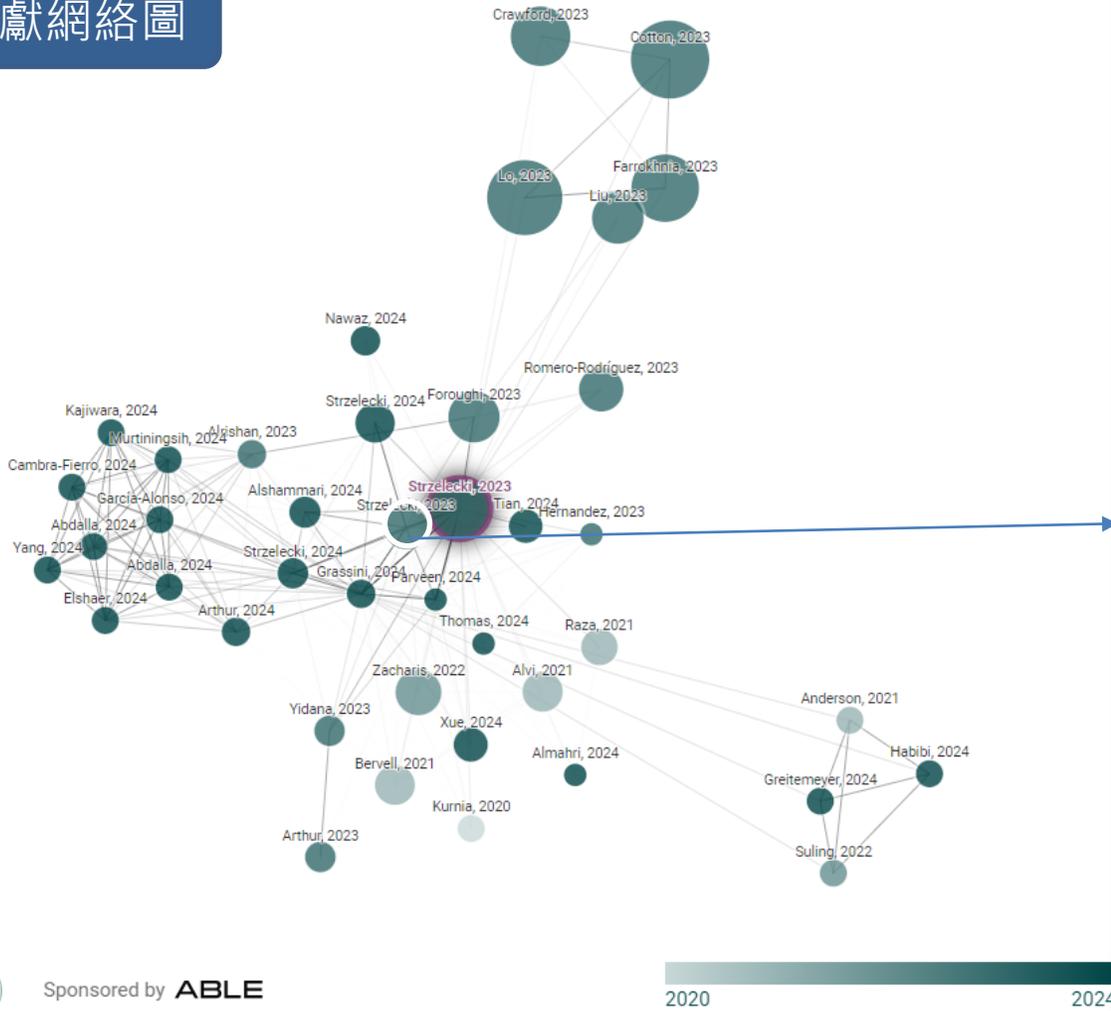
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Students' Acceptance of ChatGPT in Higher Education: An Extended Unified Theory of Acceptance and Use of Technology

Artur Strzelecki

2023, Innovative Higher Education

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S2 TL;DR: The study employs the unified theory of acceptance and use of technology (UTAUT2) theoretical model, with an extension of Personal innovativeness, to verify the Behavioral intention and Use behavior of ChatGPT by students.

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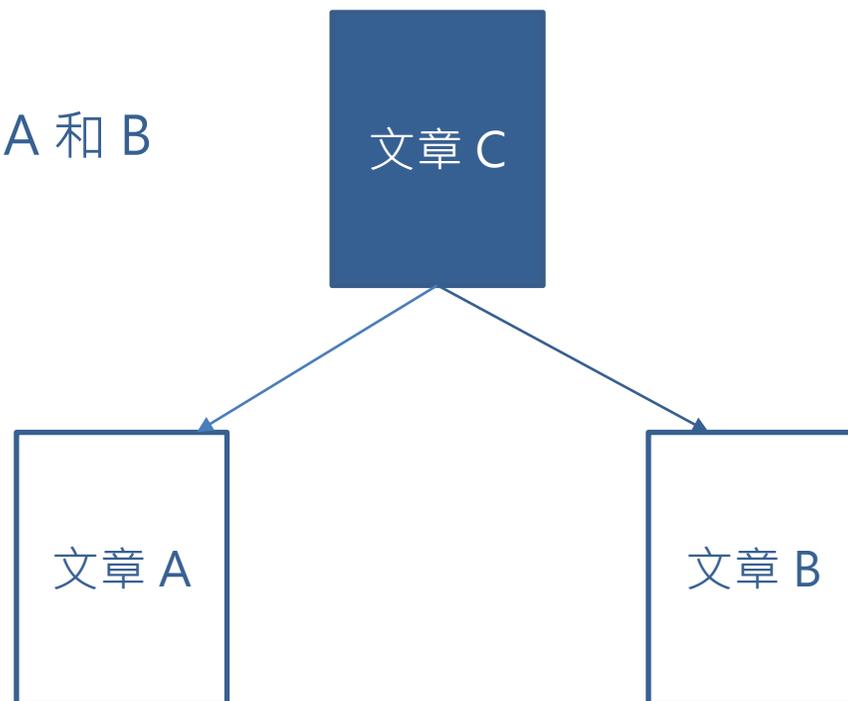


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當 A 和 B 被更多文獻同時引用時，它們的主題相似性就越高

# 書目耦合 Bibliographic Coupling

文章 A

參考書目

文章1  
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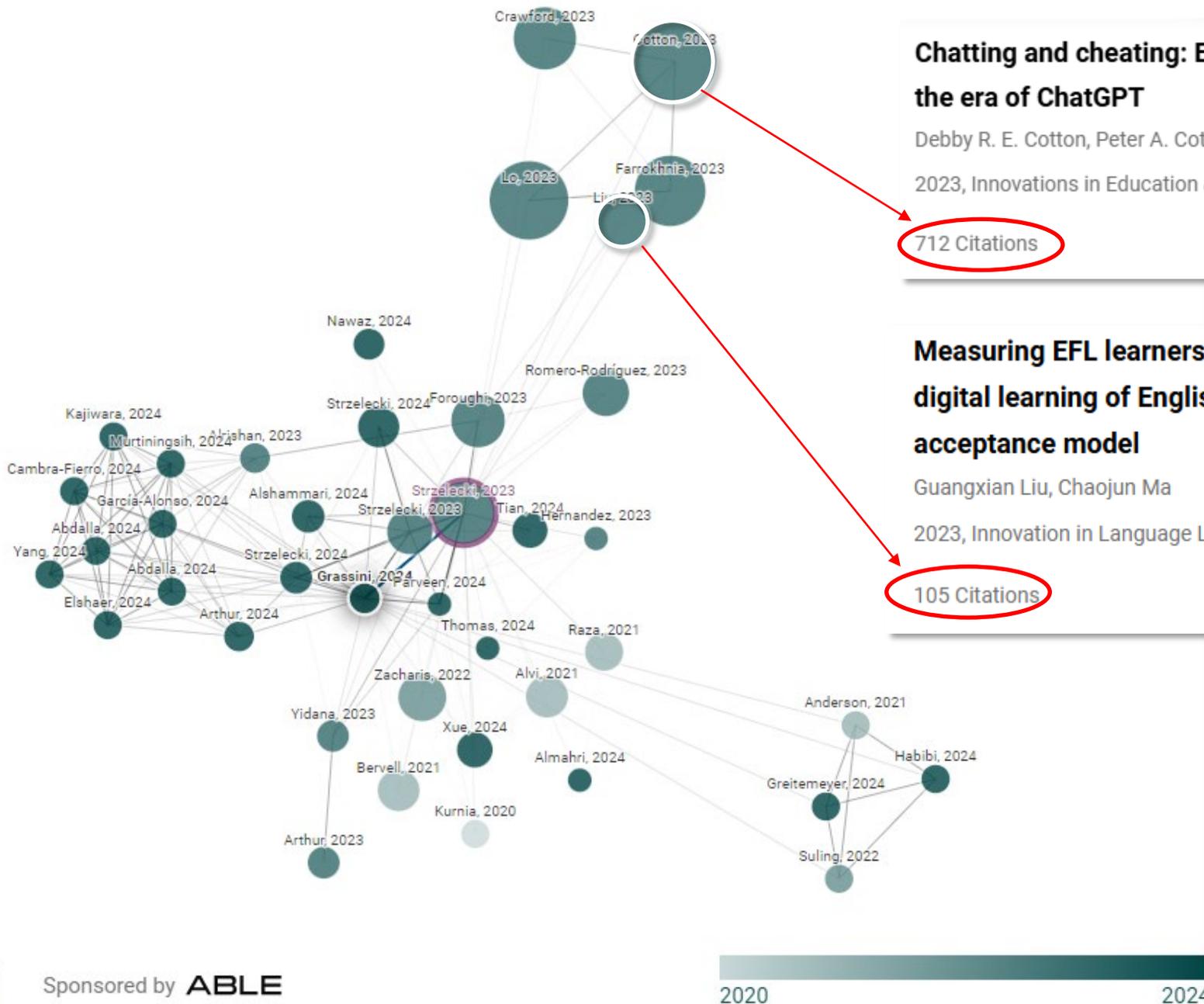
文章 B

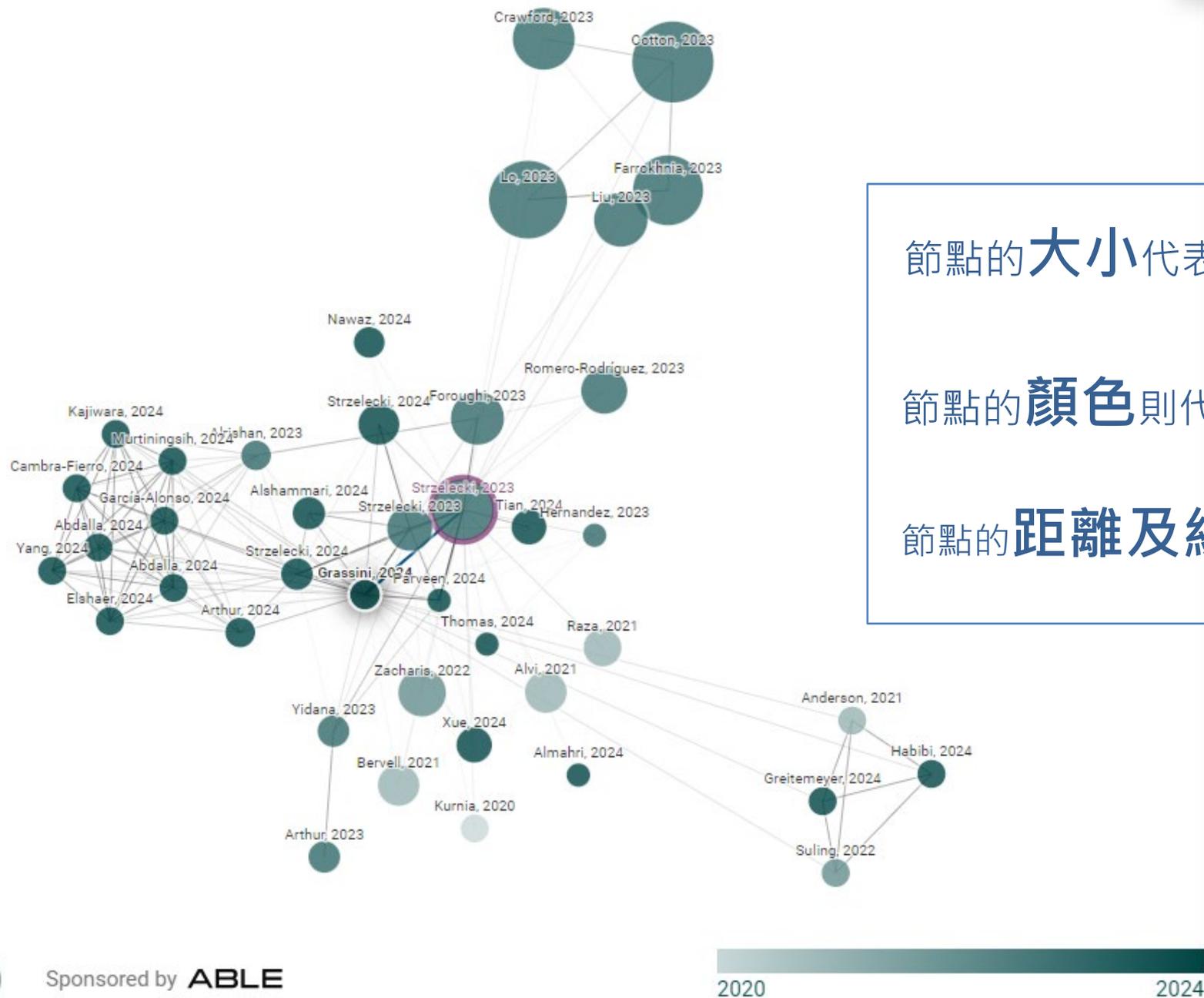
參考書目

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A和B兩篇文獻引用了相同的參考文獻  
它們之間便存在著耦合關係





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節點的顏色則代表論文的出版年份

節點的距離及線條粗細呈現論文的相似性

To use or not to use ChatGPT in higher education? A study of students' acceptance and use of technology

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**Origin paper**  
To use or not to use ChatGPT in higher education? A study of students' acceptance and use of technology  
Artur Strzelecki 2023

Unraveling the dynamics of ChatGPT adoption and utilization through Structural Equation Modeling  
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Investigation of the moderation effect of gender and study level on the acceptance and use of ChatGPT in higher education

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These are papers that were most commonly cited by the papers in the graph.

This usually means that they are **important seminal works** for this field and it could be a good idea to get familiar with them.

Selecting a prior work will highlight all graph papers referencing it, and selecting a graph paper will highlight all referenced prior work.

Title	Last author	Year	Citations	Graph citations
Perceived Usefulness, Perceived Ease of Use, and User Acceptance of ChatGPT in Higher Education: An Extended Unified Theory of Acceptance and Use of Technology	Fred D. Davis	1989	53603	16
User Acceptance of Information Technology: Toward a Unified View	Fred D. Davis	2003	34184	27
A new criterion for assessing discriminant validity in variance-based structural equation models	M. Sarstedt	2015	19166	14
Consumer Acceptance and Use of Information Technology: Extending the Unified Theory of Acceptance and Use of Technology	Xin Xu	2012	10311	22
Factors affecting the adoption of e-learning systems in Qatar and the United Arab Emirates	A. Tarhini	2017	338	14
The influence of learning value on learning management system use	M. Waheed	2016	264	16

## To use or not to use ChatGPT in higher education? A study of students' acceptance and use of technology

Artur Strzelecki  
2023, Interactive Learning Environments  
201 Citations

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ChatGPT is an AI tool that assisted in writing, learning, solving assessments and could do so in a conversational way. The purpose of the study was to develop a model that examined the predictors of adoption and use of ChatGPT among higher education students. The proposed model was based on a previous theory of technology adoption. Seven predictors were selected to build a model that predicted the behavioral intention and use behavior of ChatGPT. The partial-least squares method of structural equation modeling was used for data analysis. The model was found to be reliable and valid, and the results were based on a self-reported data of 534 students from a Polish state university. Nine out of ten

# Derivative Work



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Artur Strzelecki, Sara ElArabawy 2024

AI Chatbots in Chinese higher education: adoption, perception, and influence among graduate students—an...  
Weiqi Tian, Jingshen Ge, Yu Zhao, Xu Zheng 2024

Factors Affecting the Adoption and Use of ChatGPT in Higher Education  
Sultan Hammad Alshammari, Mohammed Habib Alshammari 2024

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These are papers that cited many of the papers in the graph.

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Title	Last author	Year	Citations	Graph references
Prioritizing Ethical Conundrums in the Utilization of ChatGPT in Education through an Analytical...	Radhwan Sneesi	2024	1	16
ChatGPT acceptance and use through UTAUT and TPB: A big survey in five Indonesian Universities	Y. Wibowo	2024	0	8
Examining ChatGPT adoption among educators in higher educational institutions using extended UTAUT...	S. Khan	2024	0	7
A Structural Equation Modeling Analysis of Generative AI Chatbots Adoption Among Students and Educators...	Rami Aşad	2024	1	6
Transformative learning with ChatGPT: analyzing adoption trends and implications for business...	Rashi Taggar	2024	0	6
A Systematic Review of the Potential Influencing Factors for ChatGPT-Assisted Education	Chuhan Xu	2024	0	6
Economics students' behavioural intention and usage of ChatGPT in higher education: a hybrid structural...	Richard Solomon Osei-Yaw	2024	9	6
From Uncertainty to Tenacity: Investigating User Strategies and Continuance Intentions in AI-Powered...	Kuan-Yin Lee	2024	0	5
ChatGPT in the higher education: A systematic literature review and research challenges	E. Yadegaridehkordi	2024	1	5
The influence of ChatGPT on student engagement: A	M. Jona	2024	5	5

## Prioritizing Ethical Conundrums in the Utilization of ChatGPT in Education through an Analytical Hierarchical Approach

U. Bukar + 3 authors Radhwan Sneesi

2024, Education sciences

1 Citations

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The transformative integration of artificial intelligence (AI) into educational settings, exemplified by ChatGPT, presents a myriad of ethical considerations that extend beyond conventional risk assessments. This study employs a pioneering framework encapsulating risk, reward, and resilience (RRR) dynamics to explore the ethical landscape of ChatGPT utilization in education. Drawing on an extensive literature review and a robust conceptual framework, the research identifies and categorizes ethical concerns associated with ChatGPT, offering decision-makers a structured approach to navigate this intricate terrain. Through the Analytic Hierarchy Process (AHP), the study prioritizes ethical themes based on global weights. The findings underscore the paramount importance of resilience elements such as solidifying ethical values, higher-level reasoning skills, and transforming educative systems. Privacy and confidentiality emerge as critical risk concerns, along with safety and security concerns. This work also highlights reward elements, including increasing productivity, personalized learning, and streamlining workflows. This study not only addresses immediate practical implications but also establishes a theoretical foundation for future AI ethics research in education.

# List view



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Unraveling the dynamics of ChatGPT adoption and utilization through Structural Equation Modeling	Khalida Parveen, Tran Quang Bao Phuc, Abdulelah A. Alghamdi, Fahima Hajje, Waeal J. Obidallah, Yousef A...	2024	0	72	45
Understanding University Students' Acceptance of ChatGPT: Insights from the UTAUT2 Model	Simone Grassini, Maren Linnea Aasen, Anja Møgelvang	2024	2	62	43.7
Students' Acceptance of ChatGPT in Higher Education: An Extended Unified Theory of Acceptance and Use of Technology	Artur Strzelecki	2023	44	55	38.8
Determinants of Intention to Use ChatGPT for Educational Purposes: Findings from PLS-SEM and fsQCA	B. Foroughi, Madugoda Gunaratnege Senali, M. Iranmanesh, Ahmad A. Khanfar, Morteza Ghobakhloo, Nagaletchimee...	2023	102	100	29.4
Acceptance and use of ChatGPT in the academic community	Artur Strzelecki, K. Cicha, Mariia Rizun, Paulina Rutecka	2024	4	63	27.9
Investigation of the moderation effect of gender and study level on the acceptance and use of generative AI by higher education...	Artur Strzelecki, Sara ElArabawy	2024	26	23	21.3
AI Chatbots in Chinese higher education: adoption, perception, and influence among graduate students—an integrated analysis utilizin...	WeiQi Tian, Jingshen Ge, Yu Zhao, Xu Zheng	2024	9	94	21.1
Factors Affecting the Adoption and Use of ChatGPT in Higher Education	Sultan Hammad Alshammari, Mohammed Habib Alshammari	2024	5	46	20
Predictors of Economics Students' Behavioural Intention to Use Tablets: A Two-Stage Structural Equation Modelling–Artificial...	Mumuni Baba Yidana, F. Arthur, Dominic Winston Kaku, Peter Anti Partey	2023	4	118	19.4
Predictors of higher education students' behavioural intention and usage of ChatGPT: the moderating roles of age, gender and...	Francis Arthur, Iddrisu Salifu, Sharon Abam Nortey	2024	2	49	15.4
E-learning in higher education during COVID-19: evidence from blackboard learning system	S. Raza, Zubaida Qazi, Wasim Qazi, Maiyra Ahmed	2021	16	68	15

## To use or not to use ChatGPT in higher education? A study of students' acceptance and use of technology

Artur Strzelecki

2023, Interactive Learning Environments

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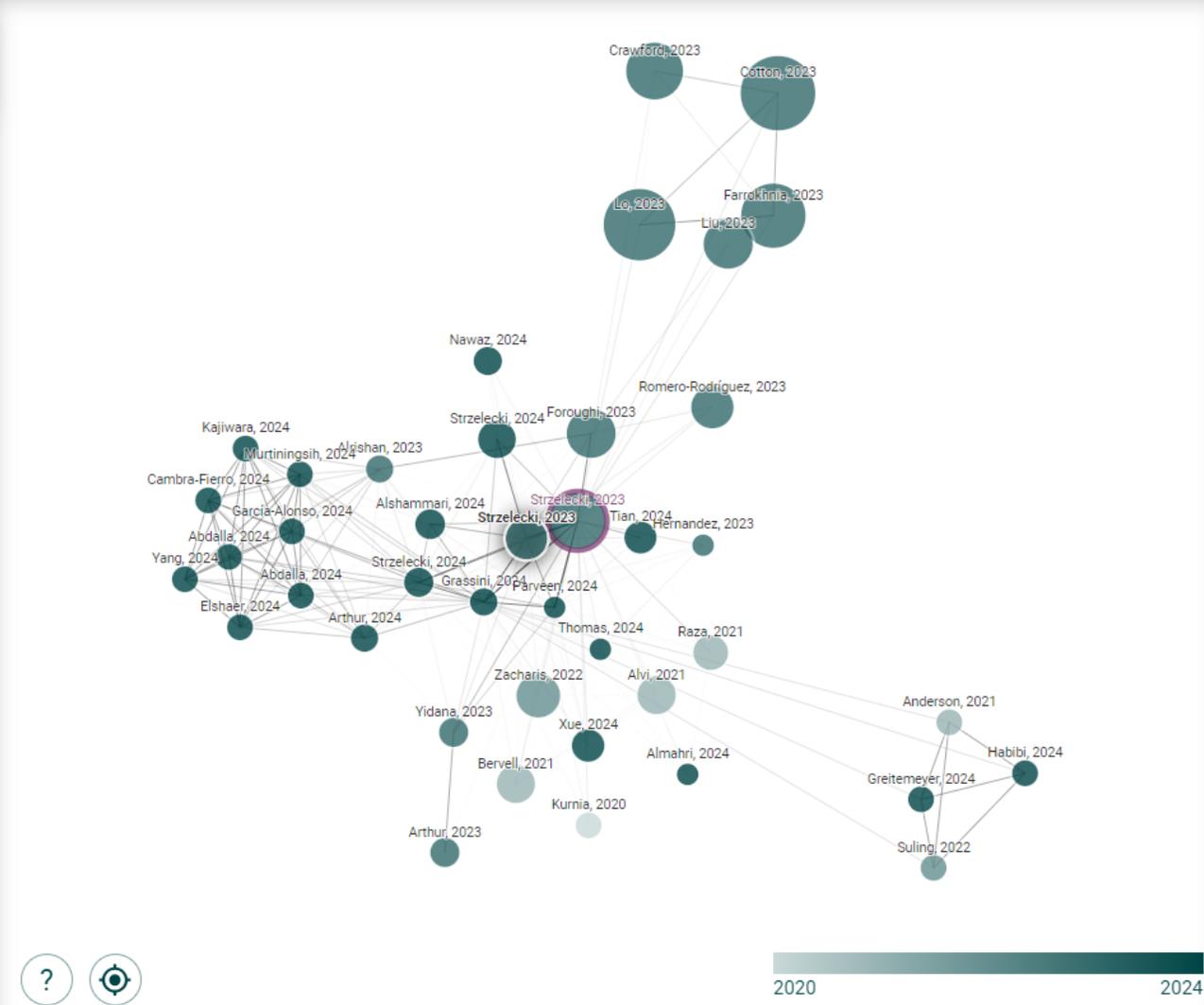
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