

Appendix

List of Peer-Reviewed Published Articles.

No	Year	Authors	Title	Methodology	Scholarly highlights	Cites
1	2023	Dwivedi, <i>et al.</i>	So what if ChatGPT wrote it?" Multidisciplinary perspectives on opportunities, challenges, and implications of generative conversational AI for research, practice, and policy	The article presents a multidisciplinary perspective on generative conversational AI, drawing on the expertise of scholars from various fields	It explores the opportunities, challenges, and implications of generative conversational AI for research, practice, and policy	43
2	2023	Biswas, S.S.	Potential Use of Chat GPT in Global Warming	The article presents a brief review of the literature on global warming and discusses the potential use of Chat GPT in addressing the issue.	It discusses the potential use of Chat GPT in addressing global warming.	7
3	2023	Biswas, S.S.	Role of Chat GPT in Public Health	The article presents a brief review of the literature on public health and discusses the potential role of Chat GPT in addressing public health issues.	It discusses the potential role of Chat GPT in public health.	20
4	2023	Pavlik, J.	Collaborating With ChatGPT: Considering the Implications of Generative Artificial Intelligence for Journalism and Media Education	The article presents a conceptual analysis of the potential implications of generative AI for journalism and media education, drawing on existing literature and theoretical framework	It discusses the implications of generative artificial intelligence for journalism and media education, specifically in relation to ChatGPT.	26
5	2023	Chavez, H., Chavez-Arias, B., Contreras-Rosas, S., Alvarez-Rodríguez, J. M., & Raymundo, C.	Artificial neural network model to predict student performance using non-personal information	The study uses an artificial neural network model to predict student performance based on non-personal information such as age, gender, and socioeconomic status.	It proposes an artificial neural network model to predict student performance using non-personal information.	0
6	2022	Kasepalu, R., Prieto, L. P., Ley, T., & Chejara, P.	Teacher artificial intelligence-supported pedagogical actions in collaborative learning coregulation: A Wizard-of-Oz study	The study uses a Wizard-of-Oz approach to simulate the use of teacher artificial intelligence-supported pedagogical actions in collaborative learning coregulation, with the aim of exploring the potential benefits and challenges of such an approach.	It presents a Wizard-of-Oz study that explores the use of teacher artificial intelligence-supported pedagogical actions in collaborative learning coregulation.	0
7	2023	Patel, S. B., & Lam, K.	ChatGPT: the future of discharge summaries?	The article presents a conceptual analysis of the potential benefits and challenges of using ChatGPT to generate discharge summaries, drawing on existing	It discusses the potential use of ChatGPT in generating discharge summaries in healthcare.	36

				literature and theoretical frameworks.		
8	2022	Alerskans, E., Nyborg, J., Birk, M., & Kaas, E.	A transformer neural network for predicting near-surface temperature	The study uses a transformer neural network to predict near-surface temperature based on meteorological data.	It proposes a transformer neural network for predicting near-surface temperature in meteorology.	1
9	2021	Ramos-Pérez, E., Alonso-González, P., & Núñez-Velázquez, J.	Multi-Transformer: A New Neural Network-Based Architecture for Forecasting S&P Volatility	The study utilizes a Multi-Transformer neural network architecture to forecast S&P volatility based on relevant data.	It presents a new neural network-based architecture called Multi-Transformer for forecasting S&P volatility.	9
10	2022	Reza, S., Campos, M., Machado, J., & Tavares, J.	A multi-head attention-based transformer model for traffic flow forecasting with a comparative analysis of recurrent neural networks	The study uses a multi-head attention-based transformer model and recurrent neural networks to forecast traffic flow based on relevant data, and compares the performance of the two methods.	It proposes a multi-head attention-based transformer model for traffic flow forecasting, and compares its performance with recurrent neural networks.	17
11	2023	Castangia, M., Medina, L., Aliberti, A., Rossi, C., Macii, A., Macii, E., & Patti, E.	Transformer neural networks for interpretable flood forecasting	The study uses a transformer neural network to forecast floods based on relevant data, with the aim of improving interpretability and transparency of the forecasting process.	It proposes a transformer neural network for interpretable flood forecasting.	4
12	2022	L'Heureux, A., Grolinger, K., & Capretz, M. A. M.	Transformer-Based Model for Electrical Load Forecasting	The study uses a transformer-based model to forecast electrical load based on relevant data.	It proposes a transformer-based model for electrical load forecasting.	9
13	2022	Vallés-Pérez, I., Soria-Olivas, E., Martínez-Sober, M., Serrano-López, A., Gómez-Sanchís, J., & Mateo, F.	Approaching sales forecasting using recurrent neural networks and transformers	The study uses a recurrent neural network and transformer-based model to forecast sales based on relevant data, and compares the performance of the two methods.	It proposes a recurrent neural network and transformer-based model for sales forecasting and compares their performance.	6
14	2021	Okonkwo, C. W., & Ade-Ibijola, A.	Chatbots applications in education: A systematic review	The study uses a systematic review methodology to analyze and synthesize existing literature on chatbot applications in education.	It presents a systematic review of chatbot applications in education.	57
15	2022	Rahim, N. I. M., Iahad, N. A., Yusof, A. F., & Al-Sharafi, M. A.	AI chatbots Adoption Model for Higher-Education Institutions: A Hybrid PLS-SEM-Neural Network Modelling Approach	The study uses a hybrid PLS-SEM-neural network modeling approach to develop an AI chatbots adoption model for higher-education institutions.	It proposes an AI chatbots adoption model for higher-education institutions using a hybrid PLS-SEM-neural network modeling approach.	4
16	2019	O'Donovan MA et al.	A narrative synthesis	The study uses a narrative synthesis scoping review	It presents a narrative synthesis scoping review	4

			scoping review of life course domains within health service utilisation frameworks	methodology to analyze and synthesize existing literature on life course domains within health service utilization frameworks.	of life course domains within health service utilization frameworks.	
17	2020	Peters, M. D. J., Marnie, C., Tricco, A. C., Pollock, D., Munn, Z., Alexander, L., McInerney, P., Godfrey, C. M., & Khalil, H.	Updated methodological guidance for the conduct of scoping reviews	The study uses a scoping review methodology to provide updated methodological guidance for conducting scoping reviews.	It provides updated methodological guidance for the conduct of scoping reviews.	1,136
18	2021	Murtarellia, G., Gregory, A., and Romentia, S.	A conversation-based perspective for shaping ethical human-machine interactions: The particular challenge of chatbots	The study uses a narrative synthesis scoping review methodology to analyze and synthesize existing literature on ethical human-machine interactions, with a focus on chatbots.	It presents a conversation-based perspective for shaping ethical human-machine interactions, focusing on the particular challenge of chatbots.	N/A
19	2020	Felix, C.	The Role of the Teacher and AI in Education	The study uses a narrative synthesis approach to analyze and synthesize existing literature on the role of teachers and AI in education, with a focus on chatbots.	It discusses the role of teachers and AI in education, with a focus on chatbots.	N/A
20	2019	Trezise, K., Ryan, T., Barba, P., & Kennedy, G.	Detecting Contract Cheating Using Learning Analytics	The study uses a learning analytics approach to detect contract cheating in higher education.	It proposes the use of learning analytics to detect contract cheating in higher education.	N/A
21	2021	Kamalov, F., Sulieman, H., & Calonge, D.	Machine learning-based approach to exam cheating detection	The study uses a machine learning-based approach to detect exam cheating.	It proposes a machine learning-based approach to exam cheating detection.	25
22	2017	Ruipérez-Valiente, J., Muñoz-Merino, P., Alexandron, G., & Pritchard, D.	Using Machine Learning to Detect 'Multiple-Account' Cheating and Analyze the Influence of Student and Problem Features	The study uses a machine learning-based approach to detect multiple-account cheating and analyzes the influence of student and problem features.	It proposes a machine learning-based approach to detect multiple-account cheating and analyzes the influence of student and problem features.	28
23	2021	Reis-Marques, C.; Figueiredo, R.; & Neto, M.	Applications of Blockchain Technology to Higher Education Arena: A Bibliometric Analysis	The study uses a bibliometric analysis approach to analyze the applications of blockchain technology to the higher education arena.	It presents a bibliometric analysis of the applications of blockchain technology to the higher education arena.	8
24	2022	Tsai, C. & Wu, J.	A Blockchain-Based Fair and	The article uses a blockchain-based approach to develop a fair	It proposes a blockchain-based fair and	N/A

			Transparent Homework Grading System for Online Education	and transparent homework grading system for online education.	transparent homework grading system for online education.	
25	2022	Akgun, S., & Greenhow, C.	Artificial intelligence in education: Addressing ethical challenges in K-12 settings	The study uses a literature review approach to analyze the ethical challenges of using artificial intelligence in K-12 education and proposes solutions to address them.	It discusses the ethical challenges of using artificial intelligence in K-12 education and proposes solutions to address them.	27
26	2017	Fryer, L., Ainley, M., Thompson, A., Gibson, A., & Sherlock, Z.	Stimulating and sustaining interest in a language course: An experimental comparison of chatbot and human task partners	The study uses an experimental approach to compare the effectiveness of chatbot and human task partners in stimulating and sustaining interest in a language course.	It presents an experimental comparison of chatbot and human task partners in stimulating and sustaining interest in a language course.	N/A
27	2022	Bastiansen, M., Kroon, A., & Araujo, T	Female chatbots are helpful, male chatbots are competent?	The study uses an experimental approach to compare the perceptions of students towards female and male chatbots in terms of their helpfulness and competence in education.	It examines the gender stereotypes associated with chatbots in education and their impact on students' perceptions of their helpfulness and competence.	N/A
28	2017	Page, L., & Gehlbach, H.	How an Artificially Intelligent Virtual Assistant Helps Students Navigate the Road to College	The study uses an experimental approach to evaluate the effectiveness of an AI virtual assistant in helping students navigate the road to college.	It presents an AI virtual assistant that helps students navigate the road to college and discusses its effectiveness.	40
29	2022	Essel, H., Vlachopoulos, D., Tachie-Menson, A., Johnson, E., & Baah, P.	The impact of a virtual teaching assistant (chatbot) on students' learning in Ghanaian higher education	The study uses an experimental approach to evaluate the impact of a virtual teaching assistant (chatbot) on students' learning in Ghanaian higher education.	It examines the impact of a virtual teaching assistant (chatbot) on students' learning in Ghanaian higher education.	12
30	2017	Wang, Y., Petrina, S., & Feng, F.	VILLAGE—virtual immersive language learning and gaming environment: Immersion and presence	The study uses an experimental approach to evaluate the impact of VILLAGE, a virtual immersive language learning and gaming environment, on immersion and presence in language learning.	It presents VILLAGE, a virtual immersive language learning and gaming environment, and examines its impact on immersion and presence in language learning.	43
31	2016	Kerly, A., & Bull, S.	The potential for chatbots in negotiated learner modeling: A wizard-of-oz study	The study uses a wizard-of-oz approach to explore the potential of chatbots in negotiated learner modeling.	It presents a wizard-of-oz study that explores the potential of chatbots in negotiated learner modeling.	N/A
32	2015	Tegos, S., Demetriadis,	Promoting academically	The study uses an experimental approach to evaluate the	It examines the use of conversational agent	N/A

		S., & Karakostas, A.	productive talk with conversational agent interventions in collaborative learning settings.	effectiveness of conversational agent interventions in promoting academically productive talk in collaborative learning settings.	interventions in collaborative learning settings to promote academically productive talk.	
33	2019	Shorey, S., Ang, E., Yap, J., Ng, E., Lau, S., & Chui, C.	A virtual counseling application using artificial intelligence for communication skills training in nursing education: Development study.	The study uses a development approach to create a virtual counseling application using artificial intelligence for communication skills training in nursing education.	It presents the development of a virtual counseling application using artificial intelligence for communication skills training in nursing education.	48
34	2021	Klos, M., Escoredo, M., Joerin, A., Lemos, V., Rauws, M., & Bunge, E.	Artificial Intelligence–Based Chatbot for Anxiety and Depression in University Students: Pilot Randomized Controlled Trial	The study uses a pilot randomized controlled trial approach to evaluate the effectiveness of an AI-based chatbot for anxiety and depression in university students.	It presents a pilot randomized controlled trial of an AI-based chatbot for anxiety and depression in university students.	16
35	2017	Fitzpatrick, K., Darcy, A., & Vierhile, M.	Delivering cognitive behavior therapy to young adults with symptoms of depression and anxiety using a fully automated conversational agent (Woebot): a randomized controlled trial	The study uses a randomized controlled trial approach to evaluate the effectiveness of a fully automated conversational agent (Woebot) for delivering cognitive behavior therapy to young adults with symptoms of depression and anxiety.	It presents a randomized controlled trial of a fully automated conversational agent (Woebot) for delivering cognitive behavior therapy to young adults with symptoms of depression and anxiety.	709
36	2018	Fulmer, R., Joerin, A., Gentile, B., Lakerink, L., & Rauws M.	Using psychological artificial intelligence (Tess) to relieve symptoms of depression and anxiety: a randomized controlled trial.	The study uses a randomized controlled trial approach to evaluate the effectiveness of an AI conversational agent (Tess) for relieving symptoms of depression and anxiety.	It presents a randomized controlled trial of an AI conversational agent (Tess) for relieving symptoms of depression and anxiety.	N/A
37	2019	Bendig, E., Erb, B., Schulze-Thuesing, L., & Baumeister, H.	The next generation: Chatbots in clinical psychology and psychotherapy to foster mental health—a scoping review.	The study uses a scoping review approach to examine the use of chatbots in clinical psychology and psychotherapy to foster mental health.	It presents a scoping review of the use of chatbots in clinical psychology and psychotherapy to foster mental health.	18
38	2011	Nunamaker, J., Derrick, D., Elkins, A.,	Embodied Conversational Agent-Based	The study uses a scoping review approach to examine the use of chatbots in clinical psychology	It presents a scoping review of the use of chatbots in clinical	139

		Burgoon, J., & Patton, M.	Kiosk for Automated Interviewing	and psychotherapy to foster mental health.	psychology and psychotherapy to foster mental health.	
39	2020	Xiao, Z., Zhou, M., Liao, Q., Mark, G., Chi, C., Chen, W., & Yang, H.	Tell Me About Yourself: Using an AI-Powered Chatbot to Conduct Conversational Surveys.	The study uses a development approach to create an AI-powered chatbot for conducting conversational surveys.	It presents the development of an AI-powered chatbot for conducting conversational surveys.	46
40	2022	Lee, Y.F., Hwang, G.J., & Chen, P.Y.	Impacts of an AI chatbot on college students' after-class review, academic performance, self-efficacy, learning attitude, and motivation.	The study uses a randomized controlled trial approach to evaluate the effectiveness of an AI chatbot for improving college students' after-class review, academic performance, self-efficacy, learning attitude, and motivation.	It presents a randomized controlled trial of an AI chatbot for improving college students' after-class review, academic performance, self-efficacy, learning attitude, and motivation.	9
41	2020	Sinha, S., Basak, S., Dey, Y., & Mondal, A.	An Educational Chatbot for Answering Queries.	The study uses a development approach to create an educational chatbot for answering queries.	It presents the development of an educational chatbot for answering queries.	23
42	2018	Clarizia, F., Colace, F., Lombardi, M., Pascale, F., & Santaniello, D.	Chatbot: An Education Support System for Students.	The study uses a development approach to create an educational chatbot for answering queries.	It presents the development of an educational chatbot for answering queries.	61
43	2018	Benotti, L., Martnez, M., & Schapachnik, F.	A tool for introducing computer science with automatic formative assessment.	The study uses a development approach to create a tool for introducing computer science with automatic formative assessment.	It presents the development of a tool for introducing computer science with automatic formative assessment.	38
44	2020	Durall, E., & Kapros, E.	Co-design for a Competency Self-assessment Chatbot and Survey in Science Education.	The study uses a co-design approach to create a chatbot and survey for competency self-assessment in science education.	It presents the co-design of a chatbot and survey for competency self-assessment in science education.	9
45	2020	Zhao, J., Song, T., & Sun, Y.	Apihelper: Helping junior Android programmers learn API usage.	The study uses a development approach to create a tool called Apihelper for helping junior Android programmers learn API usage.	It presents the development of a tool called Apihelper for helping junior Android programmers learn API usage.	N/A
46	2020	AlDhaen, F.	The Use of Artificial Intelligence in Higher Education – Systematic Review	The study uses a systematic review approach to examine the use of artificial intelligence in higher education.	It presents a systematic review of the use of artificial intelligence in higher education.	1
47	2023	King, M.R., chatGPT.	A Conversation on Artificial Intelligence, Chatbots, and Plagiarism in	The study uses a conversational approach to discuss the topics of artificial intelligence, chatbots, and plagiarism in higher education.	It presents a conversation on artificial intelligence, chatbots, and plagiarism in higher education.	58

			Higher Education.			
48	2023	Thorp, H.	ChatGPT is fun, but not an author	The study uses a conversational approach to discuss the topics of artificial intelligence, chatbots, and plagiarism in higher education.	It presents a conversation on artificial intelligence, chatbots, and plagiarism in higher education.	N/A
49	2019	Arun, K., Nagesh, S., & Ganga P.	A Multi-Model And Ai-Based Collegebot Management System (Aicms) For Professional Engineering Colleges.	The study uses an International Journal of Innovative Technology and Exploring Engineering paper approach to present a multi-model and AI-based Collegebot Management System (AICMS) for professional engineering colleges.	The article presents a multi-model and AI-based Collegebot Management System (AICMS) for professional engineering colleges.	N/A

List of Pre-Prints (Non-Published Articles, e.g. Conference Proceedings)

No	Year	Authors	Title	Methodology	Scholarly highlights	Cites
1	2017	Vaswani, A. <i>et al.</i>	Attention Is All You Need	The study proposes a new neural network architecture called "Transformer" that uses self-attention mechanisms to achieve state-of-the-art results on a wide range of natural language processing tasks.	The article presents a new neural network architecture called "Transformer" that uses self-attention mechanisms to achieve state-of-the-art results on a wide range of natural language processing tasks.	N/A
2	2023	Zhai, X.	ChatGPT for Next Generation Science Learning	The study uses a preprint approach to discuss the use of ChatGPT for next generation science learning.	The article presents the use of ChatGPT for next generation science learning.	N/A
3	2023	Lund, B., and Agbaji, D.	Information Literacy, Data Literacy, Privacy Literacy, and ChatGPT: Technology Literacies Align with Perspectives on Emerging Technology Adoption within Communities	The study uses a preprint approach to discuss the alignment of technology literacies with perspectives on emerging technology adoption within communities, specifically in relation to information literacy, data literacy, privacy literacy, and ChatGPT.	The article discusses the alignment of technology literacies with perspectives on emerging technology adoption within communities, specifically in relation to information literacy, data literacy, privacy literacy, and ChatGPT.	N/A
4	2022	Susnjak, T.	ChatGPT: The End of Online Exam Integrity?	The study uses a preprint approach to discuss the potential impact of ChatGPT on online exam integrity.	The article discusses the potential impact of ChatGPT on online exam integrity.	N/A
5	2023	Sobania, D., Briesch, M., Hanna, C., & Petke, J.	An Analysis of the Automatic Bug Fixing Performance of ChatGPT	The study uses a preprint approach to analyze the automatic bug fixing performance of ChatGPT.	The article analyzes the automatic bug fixing performance of ChatGPT.	N/A
6	2022	Jeblick, K., <i>et al.</i>	ChatGPT Makes Medicine Easy to Swallow: An Exploratory Case	The study uses an exploratory case study approach to analyze the use of ChatGPT for simplified radiology reports.	The article presents an exploratory case study on simplified radiology reports using ChatGPT,	N/A

			Study on Simplified Radiology Reports		finding that ChatGPT can make medicine easy to swallow.	
7	2022	Gao, C., Howard, F., Markov, N., Dyer, E., Ramesh, S., Luo, Y., and Pearson, A.	Comparing scientific abstracts generated by ChatGPT to original abstracts using an artificial intelligence output detector, plagiarism detector, and blinded human reviewers.	The study uses a preprint approach to analyze the automatic bug fixing performance of ChatGPT and compare scientific abstracts generated by ChatGPT to original abstracts using an artificial intelligence output detector, plagiarism detector, and blinded human reviewers.	The article analyzes the automatic bug fixing performance of ChatGPT and compares scientific abstracts generated by ChatGPT to original abstracts using an artificial intelligence output detector, plagiarism detector, and blinded human reviewers.	N/A
8	2023	Qin, C., Zhang, A., Zhang, Z., Chen, J., Yasunaga, M., & Yang, D.	Is ChatGPT a General-Purpose Natural Language Processing Task Solver?	The study uses a preprint approach to analyze whether ChatGPT is a general-purpose natural language processing task solver.	The article analyzes whether ChatGPT is a general-purpose natural language processing task solver.	N/A
9	2020	Wu, N., Green, B., Ben, X., & O'Banion, S.	Deep Transformer Models for Time Series Forecasting: The Influenza Prevalence Case.	The study uses a preprint approach to analyze the use of deep transformer models for time series forecasting, specifically for the influenza prevalence case.	The article presents the use of deep transformer models for time series forecasting, specifically for the influenza prevalence case.	N/A
10	2023	Lopez-Lira, A., and Tang, Y.	Can ChatGPT Forecast Stock Price Movements? Return Predictability and Large Language Models	The study uses a preprint approach to analyze the potential of ChatGPT to forecast stock price movements, using an artificial intelligence output detector, plagiarism detector, and blinded human reviewers.	The article explores the potential of ChatGPT to forecast stock price movements, finding that ChatGPT's ability to predict the direction of the next day's returns were much better than random.	N/A
11	2019	Brito, C., Ciampi, M., Sluss, J., & Santos, H.	Trends in Engineering Education: a Disruptive View for not so far Future.	The study uses a conference paper approach to present a disruptive view of trends in engineering education for the not so far future.	The article presents a disruptive view of trends in engineering education for the not so far future.	N/A
12	2020	Sangalli, V., Martinez-Muñoz, G., & Cañabate, E.	Identifying Cheating Users in Online Courses.	The study uses an IEEE Xplore conference paper approach to present a methodology for identifying cheating users in online courses.	The article presents a methodology for identifying cheating users in online courses.	N/A
13	2018	Islam, A., Kader, F., & Shin, S.	BSSSQS: A Blockchain-Based Smart and Secured Scheme for Question Sharing in the Smart Education System.	The study uses an arXiv preprint approach to present a blockchain-based smart and secured scheme for question sharing in the smart education system.	The article presents a blockchain-based smart and secured scheme for question sharing in the smart education system.	N/A
14	2008	Agulla, E., Rifón, L., Castro, J., & Mateo, C.	Is My Student on the Other Side? Applying Biometric Web Authentication to	The study uses an IEEE Xplore conference paper approach to present a blockchain-based smart and secured scheme for question sharing in the smart education system.	The article presents a blockchain-based smart and secured scheme for question sharing in the smart education system.	20

			E-Learning Environments			
15	2022	Agarwal, N., Danielsen, N., Gravdal, P. & Bours, P.	Contract Cheat Detection using Biometric Keystroke Dynamics	The study uses an IEEE Xplore conference paper approach to present a biometric keystroke dynamics-based contract cheat detection system for e-learning environments.	The article presents a biometric keystroke dynamics-based contract cheat detection system for e-learning environments.	N/A
16	2023	Baidoo-Anu, D., and Ansah, L.	Education in the Era of Generative Artificial Intelligence (AI): Understanding the Potential Benefits of ChatGPT in Promoting Teaching and Learning	The study uses an SSRN preprint approach to explore the potential benefits of ChatGPT in promoting teaching and learning in the era of generative artificial intelligence (AI).	The article explores the potential benefits of ChatGPT in promoting teaching and learning in the era of generative artificial intelligence (AI).	N/A
17	2018	Miller, F., Katz, J., & Gans, R.	The OD imperative to add inclusion to the algorithms of artificial intelligence	The study uses an OD Practitioner journal article approach to argue for the importance of adding inclusion to the algorithms of artificial intelligence, specifically in the context of the OD imperative, and proposes the formula $AI \times I = AI2$.	The article argues for the importance of adding inclusion to the algorithms of artificial intelligence, specifically in the context of the OD imperative, and proposes the formula $AI \times I = AI2$.	N/A
18	2018	Leavy, S.	Gender bias in artificial intelligence: the need for diversity and gender theory in machine learning	The study uses a workshop paper approach to argue for the need for diversity and gender theory in machine learning to address gender bias in artificial intelligence.	The article argues for the need for diversity and gender theory in machine learning to address gender bias in artificial intelligence.	N/A
19	2022	Stanley, J., Brink, R., Valiton, A., Bostic, T., & Scollan, R.	Chatbot Accessibility Guidance: A Review and Way Forward.	The study uses a conference paper approach to review the current state of chatbot accessibility guidance and proposes a way forward to improve it.	The article reviews the current state of chatbot accessibility guidance and proposes a way forward to improve it.	N/A
20	2021	Slepankova, M.	Possibilities of Artificial Intelligence in Education : An Assessment of the Role of AI Chatbots as a communication medium in higher education	The study uses a dissertation approach to assess the role of AI chatbots as a communication medium in higher education and explore the possibilities of artificial intelligence in education.	The article assesses the role of AI chatbots as a communication medium in higher education and explores the possibilities of artificial intelligence in education.	N/A
21	2018	Georgescu, A.	Chatbots for Education - Trends, Benefits, and Challenges.	The study uses a conference paper approach to review the trends, benefits, and challenges of using chatbots for education.	The article reviews the trends, benefits, and challenges of using chatbots for education.	N/A
22	2020	Xiao, Z., Zhou, M. X., Chen, W., Yang, H., & Chi, C.	If I Hear You Correctly: Building and Evaluating Interview Chatbots with Active Listening Skills.	The study uses a conference paper approach to present the development and evaluation of interview chatbots with active listening skills for education.	The article presents the development and evaluation of interview chatbots with active listening skills for education.	N/A

23	2017	Pickard, M., Schuetzler, R., Valacich, J., & Wood, D.	Next-Generation Accounting Interviewing: A Comparison of Human and Embodied Conversational Agents (ECAs) as Interviewers.	The study uses a conference paper approach to present the development and evaluation of interview chatbots with active listening skills for education.	The article presents the development and evaluation of interview chatbots with active listening skills for education.	N/A
24	2018	Tallyn, E., Fried, H., Gianni, R., Isard, A., & Speed, C.	The Ethnobot: Gathering ethnographies in the age of IoT.	The study uses a conference paper approach to present the development and evaluation of interview chatbots with active listening skills for education.	The article presents the development and evaluation of interview chatbots with active listening skills for education.	N/A
25	2019	Kim, S., Lee, J., & Gweon, G.	Comparing Data from Chatbot and Web Surveys.	The study uses a conference paper approach to compare data from chatbot and web surveys and discusses the implications for survey research.	The article compares data from chatbot and web surveys and discusses the implications for survey research.	N/A
26	2019	Cunningham-Nelson, S., Boles, W., Trouton, L., & Margerison, E.	A Review of Chatbots in Education: Practical Steps Forward.	The study uses a conference paper approach to review the practical steps forward for using chatbots in education.	The article reviews the practical steps forward for using chatbots in education.	N/A
27	2017	Ranoliya, B., Raghuvanshi, N., & Singh, S.	Chatbot for university-related faqs.	The study uses a conference paper approach to present the development and evaluation of a chatbot for university-related FAQs.	The article presents the development and evaluation of a chatbot for university-related FAQs.	N/A
28	2019	Ismail, M., and Ade-Ibijola, A.	Lecturer's apprentice: A chatbot for assisting novice programmers.	The study uses a conference paper approach to present the development and evaluation of a chatbot called "Lecturer's Apprentice" for assisting novice programmers.	The article presents the development and evaluation of a chatbot called "Lecturer's Apprentice" for assisting novice programmers.	N/A
29	2019	Mabunda, K., and Ade-Ibijola, A.	Pathbot: An intelligent chatbot for guiding visitors and locating venues	The study uses a conference paper approach to present the development and evaluation of an intelligent chatbot called "Pathbot" for guiding visitors and locating venues.	The article presents the development and evaluation of an intelligent chatbot called "Pathbot" for guiding visitors and locating venues.	N/A
30	2018	Pham, X., Pham, T., Nguyen, Q., Nguyen, T., & Cao, T.	Chatbot as an intelligent personal assistant for mobile language learning.	The study uses a conference paper approach to present the development and evaluation of an intelligent chatbot called "Pathbot" for guiding visitors and locating venues.	The article presents the development and evaluation of an intelligent chatbot called "Pathbot" for guiding visitors and locating venues.	N/A
31	2018	Hien, H., Cuong P.-N., Nam, L., Nhung, H., & Thang, L.	Intelligent assistants in higher-education environments: The fit-ebot, a chatbot for administrative and learning support.	The study uses a conference paper approach to present the development and evaluation of an intelligent chatbot called "Fit-ebot" for administrative and learning support in higher-education environments.	The article presents the development and evaluation of an intelligent chatbot called "Fit-ebot" for administrative and learning support in	N/A

					higher-education environments.	
32	2022	Sandu, N., and Gide, E.	Adoption of AI-Chatbots to Enhance Student Learning Experience in Higher Education in India.	The study uses a conference paper approach to present the development and evaluation of an intelligent chatbot called "Fit-ebot" for administrative and learning support in higher-education environments.	The article presents the development and evaluation of an intelligent chatbot called "Fit-ebot" for administrative and learning support in higher-education environments.	N/A
33	2017	Cao, Z., Wei, F., Li, W., & Li, S.	Faithful to the Original: Fact Aware Neural Abstractive Summarization.	The study uses an arXiv preprint approach to propose a fact-aware neural abstractive summarization model for generating summaries that are faithful to the original text.	The article proposes a fact-aware neural abstractive summarization model for generating summaries that are faithful to the original text.	N/A
34	2019	Falke, T., Ribeiro, L., Utama, P., Dagan, I., & Gurevych, I.	Ranking Generated Summaries by Correctness: An Interesting but Challenging Application for Natural Language Inference.	The study uses a conference paper approach to propose a method for ranking generated summaries by correctness using natural language inference.	The article proposes a method for ranking generated summaries by correctness using natural language inference.	N/A
35	2020	Maynez, J., Narayan, S., Bohnet, B., & McDonald, R.	On faithfulness and factuality in abstractive summarization.	The study uses a conference paper approach to propose a method for improving the faithfulness and factuality of abstractive summarization.	The article proposes a method for improving the faithfulness and factuality of abstractive summarization.	N/A
36	2021	Shuster, K., Poff, S., Chen, M., Kiela, D., & Weston, J.	Retrieval Augmentation Reduces Hallucination in Conversation.	The study uses an arXiv preprint approach to propose a method for reducing hallucination in conversation using retrieval augmentation.	The article proposes a method for reducing hallucination in conversation using retrieval augmentation.	N/A
37	2023	Bang, Y. <i>et al.</i>	A Multitask, Multilingual, Multimodal Evaluation of ChatGPT on Reasoning, Hallucination, and Interactivity.	The study uses an arXiv preprint approach to propose a multitask, multilingual, multimodal evaluation of ChatGPT on reasoning, hallucination, and interactivity.	The article proposes a multitask, multilingual, multimodal evaluation of ChatGPT on reasoning, hallucination, and interactivity.	N/A
38	2023	Ghosal, S.	ChatGPT on Characteristic Mode Analysis.	The study uses a TechRxiv preprint approach to propose a method for applying Characteristic Mode Analysis to ChatGPT for improving its performance.	The article proposes a method for applying Characteristic Mode Analysis to ChatGPT for improving its performance.	N/A
39	2022	Perry, N., Srivastava, M., Kumar, D., & Boneh, D.	Do Users Write More Insecure Code with AI Assistants?	The study uses an arXiv preprint approach to investigate whether AI assistants lead to the writing of more insecure code.	The article investigates whether AI assistants lead to the writing of more insecure code.	N/A
40	2023	OpenAI	GPT-4 Technical Report.	The study uses an arXiv preprint approach to present the technical report of GPT-4, an advanced language model developed by OpenAI.	The article presents the technical report of GPT-4, an advanced language model developed by OpenAI.	N/A

41	2023	Felten, E., Raj, M., & Seamans, R.	How will Language Modelers like ChatGPT Affect Occupations and Industries?	The authors find that the top occupations exposed to language modeling include telemarketers and a variety of post-secondary teachers such as English language and literature, foreign language and literature, and history teachers. They also find that the top industries exposed to advances in language modeling are legal services and securities, commodities, and investments	It presents a methodology to systematically assess the extent to which occupations, industries, and geographies are exposed to advances in AI language modeling capabilities	N/A
42	2023	Bubeck, S. <i>et al.</i>	Sparks of Artificial General Intelligence: Early experiments with GPT-4.	They demonstrate that, beyond its mastery of language, GPT-4 can solve novel and difficult tasks that span mathematics, coding, vision, medicine, law, psychology and more, without needing any special prompting	It reports on an investigation of an early version of GPT-4, when it was still in active development by OpenAI. The authors contend that this early version of GPT-4 is part of a new cohort of large language models that exhibit more general intelligence than previous AI models	N/A
43	2023	Eloundou, T., Manning, S., Mishkin, P., & Rock, D.	GPTs are GPTs: An Early Look at the Labor Market Impact Potential of Large Language Models.	The authors find that around 80% of the U.S. workforce could have at least 10% of their work tasks affected by the introduction of LLMs, while approximately 19% of workers may see at least 50% of their tasks impacted	It investigates the potential implications of large language models (LLMs), such as Generative Pre-trained Transformers (GPTs), on the U.S. labor market, focusing on the increased capabilities arising from LLM-powered software compared to LLMs on their own	N/A