Alexa vs. Siri vs. Cortana vs. Google Assistant: A Compar Interfaces

Advances in Intelligent Systems and Computing , 241-250

DOI: 10.1007/978-3-319-60366-7\_23

Citation Report

#	Article	IF	Citations
1	The Brave New World of Digital Personal Assistants: Benefits and Challenges from an Economic Perspec-tive. SSRN Electronic Journal, 2018, , .	0.4	6
2	Multimedia Retrieval that Works. , 2018, , .		5
3	Once a Kind Friend is Now a Thing. , 2019, , .		58
4	Research on Human-Computer Interaction Mode of Speech Recognition Based on Environment Elements of Command and Control System. , 2019, , .		3
5	ProxiTalk. , 2019, 3, 1-25.		10
6	Automated bioacoustics: methods in ecology and conservation and their potential for animal welfare monitoring. Journal of the Royal Society Interface, 2019, 16, 20190225.	1.5	76
7	A Study of Usage and Usability of Intelligent Personal Assistants in Denmark. Lecture Notes in Computer Science, 2019, , 79-90.	1.0	11
8	CESIS: Cost-Effective and Self-Regulating Irrigation System. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 167-181.	0.5	O
9	Conversation Frames: Yet Another Contextual Dimension for IPAs. , 2019, , .		0
10	Development of an Intelligent Dialogue Agent for Older Adults : Evaluation of Functions to Control Spontaneous Talk and Coordinate Speech Content. , 2019, , .		3
11	Do What I Mean, Not What I Say! Design Considerations for Supporting Intent and Context in Analytical Conversation., 2019,,.		21
12	Natural Language Understanding in Smartdialog. , 2019, , .		1
13	User Experience with Smart Voice Assistants: The Accent Perspective., 2019,,.		31
14	Interaction Guidelines for Personal Voice Assistants in Smart Homes. , 2019, , .		7
15	Using the Virtual Assistant Alexa as a Communication Channel for Road Traffic Situation. Lecture Notes in Computer Science, 2019, , 35-44.	1.0	2
16	Survey on Virtual Assistant: Google Assistant, Siri, Cortana, Alexa. Communications in Computer and Information Science, 2019, , 190-201.	0.4	53
17	Harnessing the Power of Machine Learning in Dementia Informatics Research: Issues, Opportunities, and Challenges. IEEE Reviews in Biomedical Engineering, 2020, 13, 113-129.	13.1	33
18	Hey Alexa! A Magic Spell of Social Glue?: Sharing a Smart Voice Assistant Speaker and Its Impact on Users' Perception of Group Harmony. Information Systems Frontiers, 2020, 22, 563-583.	4.1	44

#	ARTICLE	IF	CITATIONS
19	Perceiving a Mind in a Chatbot: Effect of Mind Perception and Social Cues on Co-presence, Closeness, and Intention to Use. International Journal of Human-Computer Interaction, 2020, 36, 930-940.	3.3	84
20	Implementation of a Natural User Interface to Command a Drone. , 2020, , .		4
21	Making Educational Technology Invisible. , 2020, , .		0
22	Design Considerations for Hypothesis Rejection Modules in Spoken Language Understanding Systems. , 2020, , .		0
23	Towards Active Learning Interfaces for Multi-Inhabitant Activity Recognition. , 2020, , .		1
24	Analyzing the adoption and diffusion of voice-enabled smart-home systems: empirical evidence from Thailand. Universal Access in the Information Society, 2021, 20, 797-815.	2.1	21
25	Design Lessons From Al's Two Grand Goals: Human Emulation and Useful Applications. IEEE Transactions on Technology and Society, 2020, 1, 73-82.	2.4	53
26	Reducing Task Load with an Embodied Intelligent Virtual Assistant for Improved Performance in Collaborative Decision Making. , 2020, , .		8
27	Studies on the Outcome and Relevance of Research in Artificial Intelligence Domain in South Asian Subcontinent. Procedia Computer Science, 2020, 172, 616-622.	1.2	0
28	Intelligent personal assistants: A systematic literature review. Expert Systems With Applications, 2020, 147, 113193.	4.4	129
29	Hybrid collective intelligence in a human–Al society. Al and Society, 2021, 36, 217-238.	3.1	49
31	Usability Evaluation of Artificial Intelligence-Based Voice Assistants: The Case of Amazon Alexa. SN Computer Science, 2021, 2, 28.	2.3	33
32	Acceptance and Practicality of Voice Assistance Systems in the Everyday Life of Seniors: A Study Design. Advances in Intelligent Systems and Computing, 2021, , 254-261.	0.5	0
33	The Framework of the MDATA Computing Model. Lecture Notes in Computer Science, 2021, , 19-31.	1.0	0
34	Comparison of Speech Recognition and Natural Language Understanding Frameworks for Detection of Dangers with Smart Wearables. Lecture Notes in Computer Science, 2021, , 471-484.	1.0	0
35	Developing a Concept for a Digital Restaurant System to Minimize Risk of Infection for Customers and Personnel. SpringerBriefs in Information Systems, 2021, , 133-143.	0.4	0
36	A Conceptual Model for Assistant Platforms. , 0, , .		5
37	Planning Habit: Daily Planning Prompts with Alexa. Lecture Notes in Computer Science, 2021, , 73-87.	1.0	2

#	Article	IF	CITATIONS
38	Machine Learning: Algorithms, Real-World Applications and Research Directions. SN Computer Science, 2021, 2, 160.	2.3	1,336
39	A Model for the Application of Automatic Speech Recognition for Generating Lesson Summaries. Advances in Science, Technology and Engineering Systems, 2021, 6, 526-540.	0.4	0
40	Acceptability of Speech and Silent Speech Input Methods in Private and Public., 2021,,.		15
41	A Novel Marker Detection System for People with Visual Impairment Using the Improved Tiny-YOLOv3 Model. Computer Methods and Programs in Biomedicine, 2021, 205, 106112.	2.6	15
42	Federated Automatic Speech Recognition in Federated Ecology. , 2021, , .		0
43	AKIRA—A Voice Based Virtual Assistant with Authentication. Smart Innovation, Systems and Technologies, 2022, , 177-191.	0.5	3
44	Investigating EFL learners' humorous interactions with an intelligent personal assistant. Interactive Learning Environments, 2023, 31, 4521-4534.	4.4	6
45	Persistent rule-based interactive reinforcement learning. Neural Computing and Applications, 2023, 35, 23411-23428.	3.2	13
46	Chatbot to Map Medical Prognosis and Symptoms Using Machine Learning. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 75-85.	0.5	2
47	Design and Implementation of a Chatbot for Kurdish Language Speakers Using Chatfuel Platform. Kurdistan Journal of Applied Research, 0, , 117-135.	0.4	1
48	Effects of Age-Related Cognitive Decline on Elderly User Interactions with Voice-Based Dialogue Systems. Lecture Notes in Computer Science, 2019, , 53-74.	1.0	25
49	Conversational Interface for Managing Non-trivial Internet-of-Things Systems. Lecture Notes in Computer Science, 2020, , 384-397.	1.0	5
50	Supporting Home Quarantine with Smart Speakers. , 2020, , .		3
51	Browsing with Alexa: Interrogating the impact of voice assistants as web interfaces. Media, Culture and Society, 2021, 43, 1000-1016.	1.9	23
52	Voice Assistants and Smart Speakers in Everyday Life and in Education. Informatics in Education, 0, , 473-490.	1.8	59
53	Privacy-Preserving Adversarial Representation Learning in ASR: Reality or Illusion?. , 0, , .		19
56	Facial Expression Analysis in Brazilian Sign Language for Sign Recognition. , 0, , .		1
57	The Advent of Speech Based NLP QA Systems: A Refined Usability Testing Model. Lecture Notes in Computer Science, 2019, , 152-163.	1.0	0

#	Article	IF	Citations
58	Can I Help You? – The Acceptance of Intelligent Personal Assistants. Lecture Notes in Business Information Processing, 2019, , 204-218.	0.8	1
59	Design and Implementation of Intelligent Voice Service for New Generation of Power Grid Dispatch and Control System. Lecture Notes in Electrical Engineering, 2020, , 723-733.	0.3	0
60	The Effects of Continuous Conversation and Task Complexity on Usability of an Al-Based Conversational Agent in Smart Home Environments. Lecture Notes in Electrical Engineering, 2020, , 695-703.	0.3	4
61	Alexa, Open Analyst Assistant― Evaluating a Voice User Interface for Financial Analysis. , 0, , .		1
62	Human–machine metacommunication towards development of a human-like agent: A short review. Acoustical Science and Technology, 2020, 41, 166-169.	0.3	0
64	CHAT-BOT: Una alternativa de comunicaci $\tilde{A}^3$ n automatizada en la externalizaci $\tilde{A}^3$ n de procesos de negocios (BPO). , 0, , 46-64.		1
65	Principles of Linguistic Information System Design. FilologiÄeskie Nauki Voprosy Teorii I Praktiki, 2020, 13, 313-316.	0.0	0
66	Evaluating Smart Assistant Responses for Accuracy and Misinformation Regarding Human Papillomavirus Vaccination: Content Analysis Study. Journal of Medical Internet Research, 2020, 22, e19018.	2.1	21
67	Named Entity Recognition in Semi Structured Documents Using Neural Tensor Networks. Lecture Notes in Computer Science, 2020, , 398-409.	1.0	1
68	Infrequent Use of AI-Enabled Personal Assistants Through the Lens of Cognitive Dissonance Theory. Communications in Computer and Information Science, 2020, , 342-350.	0.4	1
69	"Love Is as Complex as Math― Metaphor Generation System for Social Chatbot. Lecture Notes in Computer Science, 2020, , 337-347.	1.0	2
70	Real Estate Data Marketplace. SSRN Electronic Journal, 0, , .	0.4	1
71	Speech Signal Analysis for Language Identification Using Tensors. Communications in Computer and Information Science, 2020, , 296-309.	0.4	0
72	Smart Assistants in IT Security – An Approach to Addressing the Challenge by Leveraging Assistants' Specific Features. Lecture Notes in Computer Science, 2020, , 575-587.	1.0	0
73	Product Sentiment Analysis Using Natural Language Understanding. Lecture Notes in Networks and Systems, 2020, , 123-135.	0.5	0
74	Revisiting Principles and Challenges inÂNatural Language Programming. Learning and Analytics in Intelligent Systems, 2020, , 7-19.	0.5	1
77	Personalized privacy assistant for digital voice assistants: Case study on Amazon Alexa. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2021, 25, 291-297.	0.7	1
78	A Quantitative Study on Awareness, Usage and Reservations of Voice Control Interfaces by Elderly People. Lecture Notes in Computer Science, 2021, , 237-257.	1.0	4

#	Article	IF	CITATIONS
79	EmoNet: A Transfer Learning Framework for Multi-Corpus Speech Emotion Recognition. IEEE Transactions on Affective Computing, 2023, 14, 1472-1487.	5.7	25
80	Understanding Non-native English Speakers' Perceptions of Voice User Interfaces with and without a Visual Display: A Usability Study., 2020,,.		0
82	Al in human teams: effects on technology use, members' interactions, and creative performance under time scarcity. Al and Society, 2023, 38, 1587-1600.	3.1	3
83	Localized Text-Free User Interfaces. IEEE Access, 2022, 10, 2357-2371.	2.6	5
84	Visual Chatbot for Knowledge Transfer. International Journal of Knowledge-Based Organizations, 2022, 12, 1-13.	0.3	0
85	An in-the-wild study to find type of questions people ask to a social robot providing question-answering service. Intelligent Service Robotics, 0, , 1.	1.6	0
87	Voice User Interface: Literature review, challenges and future directions. System Theory, Control and Computing Journal, 2021, 1, 65-89.	0.3	5
88	Artificially Intelligent, Interactive, and Assistive Machines: A Definitional Framework for Intelligent Assistants. International Journal of Human-Computer Interaction, 2023, 39, 776-789.	3.3	5
89	Preferences for Single-Turn vs. Multiturn Voice Dialogs in Automotive Use Cases—Results of an Interactive User Survey in Germany. IEEE Access, 2022, 10, 55020-55033.	2.6	1
90	Automatic detection of cognitive impairment in elderly people using an entertainment chatbot with Natural Language Processing capabilities. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 16283-16298.	3.3	11
91	Voice Activated IoT Devices for Healthcare: Design Challenges and Emerging Applications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3101-3107.	2.2	6
92	Building aÂKnowledge-Intensive, Intent-Lean, Question Answering Chatbot inÂtheÂTelecom Industry - Challenges andÂSolutions. IFIP Advances in Information and Communication Technology, 2022, , 87-97.	0.5	4
93	The Use of Voice Recognition in the Interface of Physical Rehabilitation Applications. Lecture Notes in Networks and Systems, 2023, , 655-668.	0.5	0
94	Improvement in Automatic Speech Recognition of South Asian Accent Using Transfer Learning of DeepSpeech2. Mathematical Problems in Engineering, 2022, 2022, 1-12.	0.6	3
95	Long-Term Interaction with Relational SIAs. , 2022, , 195-260.		4
96	XIVA: An Intelligent Voice Assistant with Scalable Capabilities for Educational Metaverse. Lecture Notes in Computer Science, 2022, , 559-563.	1.0	1
97	The Augmented Reality Internet of Things: Opportunities of Embodied Interactions in Transreality. Springer Handbooks, 2023, , 797-829.	0.3	1
98	Evolving Journey of Chatbots: Insights into Business Decisions. , 2022, , .		0

#	Article	IF	CITATIONS
99	The Unit and Size of Information Supporting Auditory Feedback for Voice User Interface. International Journal of Human-Computer Interaction, $0$ , , $1$ - $10$ .	3.3	1
100	Voice Recognition System for Desktop Assistant. Advances in Intelligent Systems and Computing, 2023, , 675-690.	0.5	0
101	Automatic Content Searching Model During Blended Learning Class Sessions. , 2023, , .		0
103	Speech Emotion Recognition using Supervised Deep Recurrent System for Mental Health Monitoring. , 2022, , .		4
107	Inbuilt Chat GPT Feature in Smartwatches. , 2023, , .		0
109	Voice Assistant with Emotion Recognition. , 2023, , .		0
110	Use of Generative Als in the Digital Communication and Marketing Sector in Spain. Management and Industrial Engineering, 2024, , 101-121.	0.3	0
113	Design and Implementation of a Voice Assistant to be used in an IoT Home Automation Environment. , 2023, , .		0
114	Generalized Zero-Shot Audio-to-Intent Classification. , 2023, , .		0
115	Virtual voice assistants: Far-reaching, importance line-of-life. AIP Conference Proceedings, 2024, , .	0.3	0
116	Human-Al Interaction for Semantic Knowledge Enrichment of Al Model Output., 2024,, 43-54.		0