

Wolfgang Minker

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

853
citations

623734

14
h-index

677142

22
g-index

84
all docs

84
docs citations

84
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation and usability of multimodal spoken language dialogue systems. <i>Speech Communication</i> , 2004, 43, 33-54.	2.8	84
2	Endowing Spoken Language Dialogue Systems with Emotional Intelligence. <i>Lecture Notes in Computer Science</i> , 2004, , 178-187.	1.3	54
3	Emotion recognition and adaptation in spoken dialogue systems. <i>International Journal of Speech Technology</i> , 2010, 13, 49-60.	2.2	44
4	Small Talk with a Robot? The Impact of Dialog Content, Talk Initiative, and Gaze Behavior of a Social Robot on Trust, Acceptance, and Proximity. <i>International Journal of Social Robotics</i> , 2021, 13, 1485-1498.	4.6	37
5	Fusion paradigms in cognitive technical systems for human-computer interaction. <i>Neurocomputing</i> , 2015, 161, 17-37.	5.9	31
6	Human After All. , 2016, , .		29
7	Effects of Proactive Dialogue Strategies on Human-Computer Trust. , 2020, , .		26
8	Probabilistic Human-Computer Trust Handling. , 2014, , .		24
9	EmoTour: Estimating Emotion and Satisfaction of Users Based on Behavioral Cues and Audiovisual Data. <i>Sensors</i> , 2018, 18, 3978.	3.8	23
10	The Role of Trust in Proactive Conversational Assistants. <i>IEEE Access</i> , 2021, 9, 112821-112836.	4.2	22
11	Natural language understanding for argumentative dialogue systems in the opinion building domain. <i>Knowledge-Based Systems</i> , 2022, 242, 108318.	7.1	22
12	The role of spoken language dialogue interaction in intelligent environments. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2009, 1, 31-36.	1.4	21
13	Stochastic versus rule-based speech understanding for information retrieval. <i>Speech Communication</i> , 1998, 25, 223-247.	2.8	20
14	Companion-Technology: Towards User- and Situation-Adaptive Functionality of Technical Systems. , 2014, , .		20
15	Multimodal speech recognition: increasing accuracy using high speed video data. <i>Journal on Multimodal User Interfaces</i> , 2018, 12, 319-328.	2.9	20
16	The SENECA spoken language dialogue system. <i>Speech Communication</i> , 2004, 43, 89-102.	2.8	18
17	Context Models for Adaptive Dialogs and Multimodal Interaction. , 2013, , .		18
18	Ensembling End-to-End Deep Models for Computational Paralinguistics Tasks: ComParE 2020 Mask and Breathing Sub-Challenges. , 0, , .		16

#	ARTICLE	IF	CITATIONS
19	Challenges in speech-based human-computer interfaces. International Journal of Speech Technology, 2007, 10, 109-119.	2.2	15
20	Self-learning speaker identification for enhanced speech recognition. Computer Speech and Language, 2012, 26, 210-227.	4.3	15
21	Managing adaptive spoken dialogue for Intelligent Environments. Journal of Ambient Intelligence and Smart Environments, 2014, 6, 523-539.	1.4	14
22	The next step: intelligent digital assistance for clinical operating rooms. Innovative Surgical Sciences, 2017, 2, 159-161.	0.7	13
23	End-to-End Modeling and Transfer Learning for Audiovisual Emotion Recognition in-the-Wild. Multimodal Technologies and Interaction, 2022, 6, 11.	2.5	13
24	GEEDI - Guards for Emotional and Explanatory Dialogues. , 2010, , .		12
25	Design considerations for knowledge source representations of a stochastically-based natural language understanding component. Speech Communication, 1999, 28, 141-154.	2.8	11
26	Alice in DIY wonderland or: Instructing novice users on how to use tools in DIY projects. AI Communications, 2019, 32, 31-57.	1.2	11
27	"Was that successful?" On Integrating Proactive Meta-Dialogue in a DIY-Assistant using Multimodal Cues. , 2020, , .		11
28	Fast Adaptation of Speech and Speaker Characteristics for Enhanced Speech Recognition in Adverse Intelligent Environments. , 2010, , .		10
29	Safety and operating issues for mobile human-machine interfaces. , 2003, , .		9
30	Speech and Text Analysis for Multimodal Addressee Detection in Human-Human-Computer Interaction. , 0, , .		9
31	Intelligent dialog overcomes speech technology limitations. , 2003, , .		8
32	Adaptive Explanation Architecture for Maintaining Human-Computer Trust. , 2012, , .		8
33	Instructing Novice Users on How to Use Tools in DIY Projects. , 2018, , .		7
34	"What Do You Want to Do Next?" Providing the User with More Freedom in Adaptive Spoken Dialogue Systems. , 2012, , .		6
35	Survey of Automated Speaker Identification Methods. , 2013, , .		6
36	Design of a Knowledge-Based Agent as a Social Companion. Procedia Computer Science, 2017, 121, 920-926.	2.0	6

#	ARTICLE	IF	CITATIONS
37	EVA. , 2018, , .		6
38	Design and Implementation of Adaptive Dialogue Strategies for Speech-Based Interfaces. Journal of Ubiquitous Computing and Intelligence, 2007, 1, 145-152.	0.5	6
39	Dialogue Management for User-Centered Adaptive Dialogue. Signals and Communication Technology, 2016, , 51-61.	0.5	6
40	Exploring the Applicability of Elaborateness and Indirectness in Dialogue Management. Lecture Notes in Electrical Engineering, 2019, , 189-198.	0.4	6
41	Application of Verbal Intelligence in Dialog Systems for Multimodal Interaction. , 2014, , .		5
42	A paradigm for coupling procedural and conceptual knowledge in companion systems. , 2017, , .		5
43	Towards Estimating Emotions and Satisfaction Level of Tourist Based on Eye Gaze and Head Movement. , 2018, , .		5
44	Emotion Recognition Based Preference Modelling in Argumentative Dialogue Systems. , 2019, , .		5
45	Using Complexity-Identical Human- and Machine-Directed Utterances to Investigate Addressee Detection for Spoken Dialogue Systems. Sensors, 2020, 20, 2740.	3.8	5
46	Do It Yourself, but Not Alone: Companion-Technology for Home Improvementâ€”Bringing a Planning-Based Interactive DIY Assistant to Life. KI - Kunstliche Intelligenz, 2021, 35, 367-375.	3.2	5
47	Evaluation of Two Approaches for Speaker Specific Speech Recognition. Lecture Notes in Computer Science, 2010, , 36-47.	1.3	5
48	Including Social Expectations for Trustworthy Proactive Human-Robot Dialogue. , 2022, , .		5
49	Simultaneous speech recognition and speaker identification. , 2010, , .		4
50	How to Win Arguments. Datenbank-Spektrum, 2020, 20, 161-169.	1.3	4
51	Detection of Unknown Speakers in an Unsupervised Speech Controlled System. Lecture Notes in Computer Science, 2010, , 25-35.	1.3	4
52	Adaptive systems for unsupervised speaker tracking and speech recognition. Evolving Systems, 2011, 2, 199-214.	3.9	3
53	ON CLUSTER VALIDATION FOR DETECTING THE NUMBER OF CLUSTERS IN A DATA SET. International Journal on Artificial Intelligence Tools, 2011, 20, 941-953.	1.0	3
54	JaCHMM: A Java-based conditioned Hidden Markov Model library. , 2013, , .		3

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55	Handling Knowledge Sources in Human-Machine Interaction. International Journal of Speech Technology, 2002, 5, 171-188.	2.2	2
56	Towards a Multimedia Knowledge-Based Agent with Social Competence and Human Interaction Capabilities. , 2016, , .		2
57	Sloth â€” The interactive workout planner. , 2017, , .		2
58	Advanced User Assistance for Setting Up a Home Theater. Cognitive Technologies, 2017, , 485-491.	0.8	2
59	Overview of Evaluation and Usability. Text, Speech and Language Technology, 2005, , 221-246.	0.2	2
60	On the Applicability of a User Satisfaction-Based Reward for Dialogue Policy Learning. Lecture Notes in Electrical Engineering, 2019, , 211-217.	0.4	2
61	Hidden Markov Modeling for Semantic Analysisâ€”On the Combination of Different Decoding Strategies. International Journal of Speech Technology, 2005, 8, 295-305.	2.2	1
62	Speech and Humanâ€”Machine Dialog. Computational Linguistics, 2005, 31, 157-158.	3.3	1
63	Evolution of an adaptive unsupervised speech controlled system. , 2011, , .		1
64	How to Address Humans: System Barge-In in Multi-user HRI. Lecture Notes in Electrical Engineering, 2021, , 147-152.	0.4	1
65	Exploring the Impacts of Elaborateness and Indirectness in a Behavior Change Support System. IEEE Access, 2021, 9, 74778-74788.	4.2	1
66	Design, Implementation and Evaluation of the SENECA Spoken Language Dialogue System. Text, Speech and Language Technology, 2005, , 287-310.	0.2	1
67	A Multitasking Approach to Adaptive Spoken Dialogue Management. Lecture Notes in Computer Science, 2011, , 42-51.	1.3	1
68	The OwlSpeak Adaptive Spoken Dialogue Manager. , 2013, , 65-111.		1
69	Introducing Syntax Information in a Stochastically-Based Semantic Case Grammar Parser. International Journal of Speech Technology, 2004, 7, 45-54.	2.2	0
70	Mobile Multimodalityâ€”Design and Development of the SmartKom Companion. International Journal of Speech Technology, 2005, 8, 193-202.	2.2	0
71	HIS-OwlSpeak: A Model-Driven Dialogue Manager with Multiple Control Modes. , 2013, , .		0
72	Probabilistic Explanation Dialog Augmentation. , 2014, , .		0

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73	Estimating Subjective Argument Quality Aspects From Social Signals in Argumentative Dialogue Systems. IEEE Access, 2021, 9, 11610-11621.	4.2	0
74	EVA 2.0: Emotional and rational multimodal argumentation between virtual agents. IT - Information Technology, 2021, 63, 17-30.	0.9	0
75	Experiments and Evaluation. , 2013, , 113-170.		0
76	Novel Approach to Spoken Dialogue Management in Intelligent Environments. , 2013, , 33-64.		0
77	User-Centred Spoken Dialogue Management. , 2016, , 265-294.		0