Wolfgang Minker

List of Publications by Year
in descending order

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	End-to-End Modeling and Transfer Learning for Audiovisual Emotion Recognition in-the-Wild. Multimodal Technologies and Interaction, 2022, 6, 11.	2.5	13
2	Natural language understanding for argumentative dialogue systems in the opinion building domain. Knowledge-Based Systems, 2022, 242, 108318.	7.1	22
3	Including Social Expectations for Trustworthy Proactive Human-Robot Dialogue. , 2022, , .		5
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. International Journal of Social Robotics, 2021, 13, 1485-1498.	4.6	37
5	How to Address Humans: System Barge-In in Multi-user HRI. Lecture Notes in Electrical Engineering, 2021, , 147-152.	0.4	1
6	The Role of Trust in Proactive Conversational Assistants. IEEE Access, 2021, 9, 112821-112836.	4.2	22
7	Estimating Subjective Argument Quality Aspects From Social Signals in Argumentative Dialogue Systems. IEEE Access, 2021, 9, 11610-11621.	4.2	0
8	Exploring the Impacts of Elaborateness and Indirectness in a Behavior Change Support System. IEEE Access, 2021, 9, 74778-74788.	4.2	1
9	EVA 2.0: Emotional and rational multimodal argumentation between virtual agents. IT - Information Technology, 2021, 63, 17-30.	0.9	0
10	Do It Yourself, but Not Alone: Companion-Technology for Home Improvement—Bringing a Planning-Based Interactive DIY Assistant to Life. KI - Kunstliche Intelligenz, 2021, 35, 367-375.	3.2	5
11	Using Complexity-Identical Human- and Machine-Directed Utterances to Investigate Addressee Detection for Spoken Dialogue Systems. Sensors, 2020, 20, 2740.	3.8	5
12	How to Win Arguments. Datenbank-Spektrum, 2020, 20, 161-169.	1.3	4
13	Effects of Proactive Dialogue Strategies on Human-Computer Trust. , 2020, , .		26
14	"Was that successful?" On Integrating Proactive Meta-Dialogue in a DIY-Assistant using Multimodal Cues. , 2020, , .		11
15	Emotion Recognition Based Preference Modelling in Argumentative Dialogue Systems. , 2019, , .		5
16	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
17	Exploring the Applicability of Elaborateness and Indirectness in Dialogue Management. Lecture Notes in Electrical Engineering, 2019, , 189-198.	0.4	6
18	On the Applicability of a User Satisfaction-Based Reward for Dialogue Policy Learning. Lecture Notes in Electrical Engineering, 2019, , 211-217.	0.4	2

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19	EmoTour: Estimating Emotion and Satisfaction of Users Based on Behavioral Cues and Audiovisual Data. Sensors, 2018, 18, 3978.	3.8	23
20	Towards Estimating Emotions and Satisfaction Level of Tourist Based on Eye Gaze and Head Movement. , 2018, , .		5
21	Multimodal speech recognition: increasing accuracy using high speed video data. Journal on Multimodal User Interfaces, 2018, 12, 319-328.	2.9	20
22	EVA. , 2018, , .		6
23	Instructing Novice Users on How to Use Tools in DIY Projects. , 2018, , .		7
24	Design of a Knowledge-Based Agent as a Social Companion. Procedia Computer Science, 2017, 121, 920-926.	2.0	6
25	A paradigm for coupling procedural and conceptual knowledge in companion systems. , 2017, , .		5
26	Sloth â€" The interactive workout planner. , 2017, , .		2
27	The next step: intelligent digital assistance for clinical operating rooms. Innovative Surgical Sciences, 2017, 2, 159-161.	0.7	13
28	Advanced User Assistance for Setting Up a Home Theater. Cognitive Technologies, 2017, , 485-491.	0.8	2
29	Towards a Multimedia Knowledge-Based Agent with Social Competence and Human Interaction Capabilities. , 2016, , .		2
30	Human After All. , 2016, , .		29
31	User-Centred Spoken Dialogue Management. , 2016, , 265-294.		0
32	Dialogue Management for User-Centered Adaptive Dialogue. Signals and Communication Technology, 2016, , 51-61.	0.5	6
33	Fusion paradigms in cognitive technical systems for humanâ€"computer interaction. Neurocomputing, 2015, 161, 17-37.	5.9	31
34	Application of Verbal Intelligence in Dialog Systems for Multimodal Interaction. , 2014, , .		5
35	Probabilistic Explanation Dialog Augmentation. , 2014, , .		0
36	Companion-Technology: Towards User- and Situation-Adaptive Functionality of Technical Systems. , 2014, , .		20

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37	Managing adaptive spoken dialogue for Intelligent Environments. Journal of Ambient Intelligence and Smart Environments, 2014, 6, 523-539.	1.4	14
38	Probabilistic Human-Computer Trust Handling. , 2014, , .		24
39	Context Models for Adaptive Dialogs and Multimodal Interaction. , 2013, , .		18
40	HIS-OwlSpeak: A Model-Driven Dialogue Manager with Multiple Control Modes. , 2013, , .		0
41	JaCHMM: A Java-based conditioned Hidden Markov Model library. , 2013, , .		3
42	Survey of Automated Speaker Identification Methods. , 2013, , .		6
43	Experiments and Evaluation. , 2013, , 113-170.		0
44	The OwlSpeak Adaptive Spoken Dialogue Manager. , 2013, , 65-111.		1
45	Novel Approach to Spoken Dialogue Management in Intelligent Environments. , 2013, , 33-64.		0
46	&#x0022;What Do You Want to Do Next?&#x0022; Providing the User with More Freedom in Adaptive Spoken Dialogue Systems. , 2012, , .		6
47	Adaptive Explanation Architecture for Maintaining Human-Computer Trust. , 2012, , .		8
48	Self-learning speaker identification for enhanced speech recognition. Computer Speech and Language, 2012, 26, 210-227.	4.3	15
49	Adaptive systems for unsupervised speaker tracking and speech recognition. Evolving Systems, 2011, 2, 199-214.	3.9	3
50	Evolution of an adaptive unsupervised speech controlled system. , 2011, , .		1
51	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
52	A Multitasking Approach to Adaptive Spoken Dialogue Management. Lecture Notes in Computer Science, 2011, , 42-51.	1.3	1
53	Emotion recognition and adaptation in spoken dialogue systems. International Journal of Speech Technology, 2010, 13, 49-60.	2.2	44
54	Fast Adaptation of Speech and Speaker Characteristics for Enhanced Speech Recognition in Adverse Intelligent Environments. , 2010, , .		10

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55	Simultaneous speech recognition and speaker identification. , 2010, , .		4
56	GEEDI - Guards for Emotional and Explanatory DIalogues. , 2010, , .		12
57	Detection of Unknown Speakers in an Unsupervised Speech Controlled System. Lecture Notes in Computer Science, 2010, , 25-35.	1.3	4
58	Evaluation of Two Approaches for Speaker Specific Speech Recognition. Lecture Notes in Computer Science, 2010, , 36-47.	1.3	5
59	The role of spoken language dialogue interaction in intelligent environments. Journal of Ambient Intelligence and Smart Environments, 2009, 1, 31-36.	1.4	21
60	Challenges in speech-based human–computer interfaces. International Journal of Speech Technology, 2007, 10, 109-119.	2.2	15
61	Design and Implementation of Adaptive Dialogue Strategies for Speech-Based Interfaces. Journal of Ubiquitous Computing and Intelligence, 2007, 1, 145-152.	0.5	6
62	Mobile Multimodality—Design and Development of the SmartKom Companion. International Journal of Speech Technology, 2005, 8, 193-202.	2.2	0
63	Hidden Markov Modeling for Semantic Analysis—On the Combination of Different Decoding Strategies. International Journal of Speech Technology, 2005, 8, 295-305.	2.2	1
64	Speech and Human—Machine Dialog. Computational Linguistics, 2005, 31, 157-158.	3.3	1
65	Overview of Evaluation and Usability. Text, Speech and Language Technology, 2005, , 221-246.	0.2	2
66	Design, Implementation and Evaluation of the SENECA Spoken Language Dialogue System. Text, Speech and Language Technology, 2005, , 287-310.	0.2	1
67	Endowing Spoken Language Dialogue Systems with Emotional Intelligence. Lecture Notes in Computer Science, 2004, , 178-187.	1.3	54
68	Introducing Syntax Information in a Stochastically-Based Semantic Case Grammar Parser. International Journal of Speech Technology, 2004, 7, 45-54.	2.2	0
69	The SENECA spoken language dialogue system. Speech Communication, 2004, 43, 89-102.	2.8	18
70	Evaluation and usability of multimodal spoken language dialogue systems. Speech Communication, 2004, 43, 33-54.	2.8	84
71	Intelligent dialog overcomes speech technology limitations. , 2003, , .		8
72	Safety and operating issues for mobile human-machine interfaces. , 2003, , .		9

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73	Handling Knowledge Sources in Human-Machine Interaction. International Journal of Speech Technology, 2002, 5, 171-188.	2.2	2
74	Design considerations for knowledge source representations of a stochastically-based natural language understanding component. Speech Communication, 1999, 28, 141-154.	2.8	11
75	Stochastic versus rule-based speech understanding for information retrieval. Speech Communication, 1998, 25, 223-247.	2.8	20
76	Speech and Text Analysis for Multimodal Addressee Detection in Human-Human-Computer Interaction. , 0, , .		9
77	Ensembling End-to-End Deep Models for Computational Paralinguistics Tasks: ComParE 2020 Mask and Breathing Sub-Challenges. , 0, , .		16