FranÃ§ois Portet

List of Publications by Year
in descending order

34 papers	1,109 citations	759233 12 h-index	642732 23 g-index
34 all docs	34 docs citations	34 times ranked	989 citing authors

#	Article	IF	Citations
1	End-to-End Spoken Language Understanding: Performance analyses of a voice command task in a low resource setting. Computer Speech and Language, 2022, 75, 101369.	4.3	5
2	A Federated Learning Aggregation Algorithm for Pervasive Computing: Evaluation and Comparison. , 2021, , .		26
3	Text classification based on the word subspace representation. Pattern Analysis and Applications, 2021, 24, 1075-1093.	4.6	4
4	Making Emergency Calls More Accessible to Older Adults Through a Hands-free Speech Interface in the House. ACM Transactions on Accessible Computing, 2019, 12, 1-25.	2.4	7
5	Learning Natural Language Understanding Systems from Unaligned Labels for Voice Command in Smart Homes. , 2019, , .		8
6	Towards End-to-End spoken intent recognition in smart home. , 2019, , .		8
7	Arcades: A deep model for adaptive decision making in voice controlled smart-home. Pervasive and Mobile Computing, 2018, 49, 92-110.	3.3	20
8	Distant speech processing for smart home: comparison of ASR approaches in scattered microphone network for voice command. International Journal of Speech Technology, 2018, 21, 601-618.	2.2	9
9	Towards a French Smart-Home Voice Command Corpus: Design and NLU Experiments. Lecture Notes in Computer Science, 2018, , 509-517.	1.3	8
10	Context-aware decision making under uncertainty for voice-based control of smart home. Expert Systems With Applications, 2017, 75, 63-79.	7.6	50
11	Natural language generation to support the understanding of task models. , 2017, , .		0
12	On-line human activity recognition from audio and home automation sensors: Comparison of sequential and non-sequential models in realistic Smart Homes1. Journal of Ambient Intelligence and Smart Environments, 2016, 8, 399-422.	1.4	46
13	Preliminary Study of Adaptive Decision-Making System for Vocal Command in Smart Home. , 2016, , .		5
14	Multilingual generation of uncertain temporal expressions from data: A study of a possibilistic formalism and its consistency with human subjective evaluations. Fuzzy Sets and Systems, 2016, 285, 73-93.	2.7	9
15	Detection of Computer-Generated Papers in Scientific Literature. Lecture Notes in Morphogenesis, 2016, , 123-141.	0.2	1
16	Speech and speaker recognition for home automation: Preliminary results. , 2015, , .		17
17	Evaluation of a Context-Aware Voice Interface for Ambient Assisted Living. ACM Transactions on Accessible Computing, 2015, 7, 1-36.	2.4	51
18	On Distant Speech Recognition for Home Automation. Lecture Notes in Computer Science, 2015, , 161-188.	1.3	4

#	Article	IF	Citations
19	Development of Automatic Speech Recognition Techniques for Elderly Home Support: Applications and Challenges. Lecture Notes in Computer Science, 2015, , 341-353.	1.3	8
20	A french corpus of audio and multimodal interactions in a health smart home. Journal on Multimodal User Interfaces, 2013, 7, 93-109.	2.9	15
21	Speech recognition of aged voice in the AAL context: Detection of distress sentences. , 2013, , .		13
22	Design and evaluation of a smart home voice interface for the elderly: acceptability and objection aspects. Personal and Ubiquitous Computing, 2013, 17, 127-144.	2.8	313
23	The Sweet-Home project: Audio processing and decision making in smart home to improve well-being and reliance. , 2013, 2013, 7298-301.		5
24	Making Context Aware Decision from Uncertain Information in a Smart Home: A Markov Logic Network Approach. Lecture Notes in Computer Science, 2013, , 78-93.	1.3	19
25	Logic-based event recognition. Knowledge Engineering Review, 2012, 27, 469-506.	2.6	55
26	The sweet-home project: Audio technology in smart homes to improve well-being and reliance. , 2011, 2011, 5291-4.		44
27	Location of an Inhabitant for Domotic Assistance Through Fusion of Audio and Non-Visual Data. , 2011, , .		5
28	Development of Audio Sensing Technology for Ambient Assisted Living. International Journal of E-Health and Medical Communications, 2011, 2, 35-54.	1.6	44
29	From data to text in the Neonatal Intensive Care Unit: Using NLG technology for decision support and information management. AI Communications, 2009, 22, 153-186.	1.2	53
30	Automatic generation of textual summaries from neonatal intensive care data. Artificial Intelligence, 2009, 173, 789-816.	5.8	169
31	Using Temporal Constraints to Integrate Signal Analysis and Domain Knowledge in Medical Event Detection. Lecture Notes in Computer Science, 2009, , 46-55.	1.3	5
32	P wave detector with PP rhythm tracking: evaluation in different arrhythmia contexts. Physiological Measurement, 2008, 29, 141-155.	2.1	35
33	Evaluation of On-Line Bradycardia Boundary Detectors from Neonatal Clinical Data. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3288-91.	0.5	9
34	Complete Sound and Speech Recognition System for Health Smart Homes: Application to the Recognition of Activities of Daily Living. , 0, , .		39