

François Portet

List of Publications by Year in descending order

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Version: 2024-02-01

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	Design and evaluation of a smart home voice interface for the elderly: acceptability and objection aspects. <i>Personal and Ubiquitous Computing</i> , 2013, 17, 127-144.	2.8	313
2	Automatic generation of textual summaries from neonatal intensive care data. <i>Artificial Intelligence</i> , 2009, 173, 789-816.	5.8	169
3	Logic-based event recognition. <i>Knowledge Engineering Review</i> , 2012, 27, 469-506.	2.6	55
4	From data to text in the Neonatal Intensive Care Unit: Using NLG technology for decision support and information management. <i>AI Communications</i> , 2009, 22, 153-186.	1.2	53
5	Evaluation of a Context-Aware Voice Interface for Ambient Assisted Living. <i>ACM Transactions on Accessible Computing</i> , 2015, 7, 1-36.	2.4	51
6	Context-aware decision making under uncertainty for voice-based control of smart home. <i>Expert Systems With Applications</i> , 2017, 75, 63-79.	7.6	50
7	On-line human activity recognition from audio and home automation sensors: Comparison of sequential and non-sequential models in realistic Smart Homes ¹ . <i>Journal of Ambient Intelligence and Smart Environments</i> , 2016, 8, 399-422.	1.4	46
8	The sweet-home project: Audio technology in smart homes to improve well-being and reliance. , 2011, 2011, 5291-4.		44
9	Development of Audio Sensing Technology for Ambient Assisted Living. <i>International Journal of E-Health and Medical Communications</i> , 2011, 2, 35-54.	1.6	44
10	Complete Sound and Speech Recognition System for Health Smart Homes: Application to the Recognition of Activities of Daily Living. , 0, , .		39
11	P wave detector with PP rhythm tracking: evaluation in different arrhythmia contexts. <i>Physiological Measurement</i> , 2008, 29, 141-155.	2.1	35
12	A Federated Learning Aggregation Algorithm for Pervasive Computing: Evaluation and Comparison. , 2021, , .		26
13	Arcades: A deep model for adaptive decision making in voice controlled smart-home. <i>Pervasive and Mobile Computing</i> , 2018, 49, 92-110.	3.3	20
14	Making Context Aware Decision from Uncertain Information in a Smart Home: A Markov Logic Network Approach. <i>Lecture Notes in Computer Science</i> , 2013, , 78-93.	1.3	19
15	Speech and speaker recognition for home automation: Preliminary results. , 2015, , .		17
16	A french corpus of audio and multimodal interactions in a health smart home. <i>Journal on Multimodal User Interfaces</i> , 2013, 7, 93-109.	2.9	15
17	Speech recognition of aged voice in the AAL context: Detection of distress sentences. , 2013, , .		13
18	Evaluation of On-Line Bradycardia Boundary Detectors from Neonatal Clinical Data. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 3288-91.	0.5	9

#	ARTICLE	IF	CITATIONS
19	Multilingual generation of uncertain temporal expressions from data: A study of a possibilistic formalism and its consistency with human subjective evaluations. <i>Fuzzy Sets and Systems</i> , 2016, 285, 73-93.	2.7	9
20	Distant speech processing for smart home: comparison of ASR approaches in scattered microphone network for voice command. <i>International Journal of Speech Technology</i> , 2018, 21, 601-618.	2.2	9
21	Learning Natural Language Understanding Systems from Unaligned Labels for Voice Command in Smart Homes. , 2019, , .		8
22	Towards End-to-End spoken intent recognition in smart home. , 2019, , .		8
23	Towards a French Smart-Home Voice Command Corpus: Design and NLU Experiments. <i>Lecture Notes in Computer Science</i> , 2018, , 509-517.	1.3	8
24	Development of Automatic Speech Recognition Techniques for Elderly Home Support: Applications and Challenges. <i>Lecture Notes in Computer Science</i> , 2015, , 341-353.	1.3	8
25	Making Emergency Calls More Accessible to Older Adults Through a Hands-free Speech Interface in the House. <i>ACM Transactions on Accessible Computing</i> , 2019, 12, 1-25.	2.4	7
26	Location of an Inhabitant for Domotic Assistance Through Fusion of Audio and Non-Visual Data. , 2011, , .		5
27	The Sweet-Home project: Audio processing and decision making in smart home to improve well-being and reliance. , 2013, 2013, 7298-301.		5
28	Preliminary Study of Adaptive Decision-Making System for Vocal Command in Smart Home. , 2016, , .		5
29	Using Temporal Constraints to Integrate Signal Analysis and Domain Knowledge in Medical Event Detection. <i>Lecture Notes in Computer Science</i> , 2009, , 46-55.	1.3	5
30	End-to-End Spoken Language Understanding: Performance analyses of a voice command task in a low resource setting. <i>Computer Speech and Language</i> , 2022, 75, 101369.	4.3	5
31	Text classification based on the word subspace representation. <i>Pattern Analysis and Applications</i> , 2021, 24, 1075-1093.	4.6	4
32	On Distant Speech Recognition for Home Automation. <i>Lecture Notes in Computer Science</i> , 2015, , 161-188.	1.3	4
33	Detection of Computer-Generated Papers in Scientific Literature. <i>Lecture Notes in Morphogenesis</i> , 2016, , 123-141.	0.2	1
34	Natural language generation to support the understanding of task models. , 2017, , .		0