

Antu00f3nio J S Teixeira

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

921
citations

623734

14
h-index

610901

24
g-index

114
all docs

114
docs citations

114
times ranked

759
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Analysis of Age and Gender Effects in European Portuguese Oral Vowels. <i>Journal of Voice</i> , 2023, 37, 143.e13-143.e29.	1.5	14
2	A critical analysis on remote collaboration mediated by Augmented Reality: Making a case for improved characterization and evaluation of the collaborative process. <i>Computers and Graphics</i> , 2022, 102, 619-633.	2.5	28
3	A vision for contextualized evaluation of remote collaboration supported by AR. <i>Computers and Graphics</i> , 2022, 102, 413-425.	2.5	23
4	Exploring the Age Effects on European Portuguese Vowel Production: An Ultrasound Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1396.	2.5	1
5	Exploring Silent Speech Interfaces Based on Frequency-Modulated Continuous-Wave Radar. <i>Sensors</i> , 2022, 22, 649.	3.8	11
6	Named Entity Extractors for New Domains by Transfer Learning with Automatically Annotated Data. <i>Lecture Notes in Computer Science</i> , 2022, , 288-298.	1.3	0
7	Data-Driven Analysis of European Portuguese Nasal Vowel Dynamics in Bilabial Contexts. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4601.	2.5	0
8	Eppur si muove: Formant Dynamics is Relevant for The Study of Speech Aging Effects. , 2021, , .		2
9	Promoting Social Skills in Technology-Mediated Communication Contexts: First Results on Adopting the Social Compass Curriculum. <i>Lecture Notes in Networks and Systems</i> , 2021, , 469-476.	0.7	0
10	Designing and Deploying an Interaction Modality for Articulatory-Based Audiovisual Speech Synthesis. <i>Lecture Notes in Computer Science</i> , 2021, , 36-49.	1.3	2
11	Association between acoustic speech features and non-severe levels of anxiety and depression symptoms across lifespan. <i>PLoS ONE</i> , 2021, 16, e0248842.	2.5	22
12	An Accessible Smart Home Based on Integrated Multimodal Interaction. <i>Sensors</i> , 2021, 21, 5464.	3.8	3
13	Auditory Processing Disorder Test Battery in European Portuguese – Development and Normative Data for Pediatric Population. <i>Audiology Research</i> , 2021, 11, 474-490.	1.8	4
14	Prosodic Changes with Age: A Longitudinal Study on a Famous European Portuguese Native Speaker. <i>Lecture Notes in Computer Science</i> , 2021, , 726-736.	1.3	0
15	Assessing Velar Gestures Timing in European Portuguese Nasal Vowels with RT-MRI Data. <i>Lecture Notes in Computer Science</i> , 2021, , 26-35.	1.3	0
16	Data-Driven Critical Tract Variable Determination for European Portuguese. <i>Information (Switzerland)</i> , 2020, 11, 491.	2.9	2
17	Editorial for Special Issue – IberSPEECH2018: Speech and Language Technologies for Iberian Languages – <i>Applied Sciences (Switzerland)</i> , 2020, 10, 384.	2.5	0
18	Effective natural interaction with our sensorized smart homes. , 2020, , 185-222.		3

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19	A Conceptual Model for Data Collection and Analysis for AR-based Remote Collaboration Evaluation. , 2020, , .		8
20	Towards Automatic Determination of Critical Gestures for European Portuguese Sounds. Lecture Notes in Computer Science, 2020, , 3-12.	1.3	2
21	A Smart Home For All Supported By User And Context Adaptation. , 2020, , .		0
22	Contributions to a Quantitative Unsupervised Processing and Analysis of Tongue in Ultrasound Images. Lecture Notes in Computer Science, 2020, , 170-181.	1.3	1
23	Enabling Multimodal Emotionally-Aware Ecosystems Through a W3C-Aligned Generic Interaction Modality. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 140-152.	0.3	1
24	Contribute for an Ontology for Smart Homes and their Conversational Assistants. , 2019, , .		2
25	The AM4I Architecture and Framework for Multimodal Interaction and Its Application to Smart Environments. Sensors, 2019, 19, 2587.	3.8	14
26	Design and Development for Individuals with ASD: Fostering Multidisciplinary Approaches Through Personas. Journal of Autism and Developmental Disorders, 2019, 49, 2156-2172.	2.7	9
27	Emotionally-Aware Multimodal Interfaces. , 2018, , .		2
28	Multimodal Interaction for Accessible Smart Homes. , 2018, , .		5
29	Conversational Assistant for an Accessible Smart Home. , 2018, , .		9
30	Inner Speech in Portuguese: Acquisition Methods, Database and First Results. Lecture Notes in Computer Science, 2018, , 438-447.	1.3	2
31	Functional Mapping of Inner Speech Areas: A Preliminary Study with Portuguese Speakers. Lecture Notes in Computer Science, 2018, , 166-176.	1.3	1
32	Design and development of Medication Assistant: older adults centred design to go beyond simple medication reminders. Universal Access in the Information Society, 2017, 16, 545-560.	3.0	32
33	SSI Modalities II: Articulation and Its Consequences. Springer Briefs in Electrical and Computer Engineering, 2017, , 31-50.	0.5	0
34	SSI Modalities I: Behind the Scenes – From the Brain to the Muscles. Springer Briefs in Electrical and Computer Engineering, 2017, , 15-30.	0.5	0
35	Applications of the Multimodal Interaction Architecture in Ambient Assisted Living. , 2017, , 271-291.		5
36	Multi-Device Applications Using the Multimodal Architecture. , 2017, , 367-383.		2

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37	“Tell Your Day” Developing Multimodal Interaction Applications for Children with ASD. Lecture Notes in Computer Science, 2017, , 525-544.	1.3	3
38	An Anthropomorphic Perspective for Audiovisual Speech Synthesis. , 2017, , .		5
39	Combining Modalities: Multimodal SSI. Springer Briefs in Electrical and Computer Engineering, 2017, , 51-71.	0.5	0
40	Silent Speech Interaction for Ambient Assisted Living Scenarios. Lecture Notes in Computer Science, 2017, , 369-387.	1.3	1
41	On the Creation of a Persona to Support the Development of Technologies for Children with Autism Spectrum Disorder. Lecture Notes in Computer Science, 2016, , 213-223.	1.3	4
42	Services & Products Gamified Design (SPGD). , 2016, , .		1
43	Effects of language experience on the discrimination of the Portuguese palatal lateral by nonnative listeners. Clinical Linguistics and Phonetics, 2016, 30, 1-15.	0.9	1
44	Quantitative systematic analysis of vocal tract data. Computer Speech and Language, 2016, 36, 307-329.	4.3	9
45	Technology-Based Innovations to Foster Personalized Healthy Lifestyles and Well-Being: A Targeted Review. Journal of Medical Internet Research, 2016, 18, e128.	4.3	58
46	Interactive, Multi-device Visualization Supported by a Multimodal Interaction Framework: Proof of Concept. Lecture Notes in Computer Science, 2016, , 279-289.	1.3	1
47	Multilingual Speech Recognition for the Elderly: The AALFred Personal Life Assistant. Procedia Computer Science, 2015, 67, 283-292.	2.0	16
48	Trip 4 All: A Gamified App to Provide a New Way to Elderly People to Travel. Procedia Computer Science, 2015, 67, 301-311.	2.0	14
49	Desenvolvimento da linguagem em crianas com implante coclear: tera o gnero alguma influncia?. Revista CEFAC: Atualizao Cientfica Em Fonoaudiologia, 2015, 17, 535-541.	0.1	7
50	Towards a hybrid NLG system for Data2Text in Portuguese. , 2015, , .		4
51	Unsupervised segmentation of the vocal tract from real-time MRI sequences. Computer Speech and Language, 2015, 33, 25-46.	4.3	30
52	Usability, accessibility and ambient-assisted living: a systematic literature review. Universal Access in the Information Society, 2015, 14, 57-66.	3.0	104
53	Design and Development of Multimodal Applications: A Vision on Key Issues and Methods. Lecture Notes in Computer Science, 2015, , 109-120.	1.3	8
54	Evaluation of Complex Distributed Multimodal Applications: Evaluating a TeleRehabilitation System When It Really Matters. Lecture Notes in Computer Science, 2015, , 146-157.	1.3	8

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55	"Read That Article". , 2015, , .		8
56	Detecting Nasal Vowels in Speech Interfaces Based on Surface Electromyography. PLoS ONE, 2015, 10, e0127040.	2.5	9
57	Giving Voices to Multimodal Applications. Lecture Notes in Computer Science, 2015, , 273-283.	1.3	1
58	Live evaluation within ambient assisted living scenarios. , 2014, , .		5
59	ICF Inspired Personas to Improve Development for Usability and Accessibility in Ambient Assisted Living. Procedia Computer Science, 2014, 27, 409-418.	2.0	23
60	Elderly Centered Design for Interaction â€™ The Case of the S4S Medication Assistant. Procedia Computer Science, 2014, 27, 398-408.	2.0	66
61	AgeCl: HCI and Age Diversity. Lecture Notes in Computer Science, 2014, , 179-190.	1.3	7
62	Speech-centric Multimodal Interaction for Easy-to-access Online Services â€™ A Personal Life Assistant for the Elderly. Procedia Computer Science, 2014, 27, 389-397.	2.0	24
63	An Ontology for Human-Machine Computation Workflow Specification. Lecture Notes in Computer Science, 2014, , 49-60.	1.3	4
64	Automatic Annotation of an Ultrasound Corpus for Studying Tongue Movement. Lecture Notes in Computer Science, 2014, , 469-476.	1.3	3
65	Assessing the Applicability of Surface EMG to Tongue Gesture Detection. Lecture Notes in Computer Science, 2014, , 189-198.	1.3	3
66	Towards E-Government Information Platforms for Enterprise 2.0. , 2014, , 906-925.		0
67	Quantitative Analysis of // Production from RT-MRI: First Results. Lecture Notes in Computer Science, 2014, , 30-39.	1.3	3
68	Towards E-Government Information Platforms for Enterprise 2.0. Advances in Business Information Systems and Analytics Book Series, 2014, , 644-664.	0.4	1
69	Evaluation of a dialogue manager for a mobile robot. , 2013, , .		1
70	A framework for analysis of the upper airway from real-time MRI sequences. Proceedings of SPIE, 2013, , .	0.8	1
71	A Conceptual Framework for the Design and Development of AAL Services. , 2013, , 568-586.		6
72	New Telerehabilitation Services for the Elderly. , 2013, , 109-132.		12

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73	Medical Information Extraction in European Portuguese. , 2013, , 607-626.		2
74	Segmentation and Analysis of Vocal Tract from MidSagittal Real-Time MRI. Lecture Notes in Computer Science, 2013, , 459-466.	1.3	2
75	Cloud Computing Enhanced Service Development Architecture for the Living Usability Lab. , 2013, , 33-53.		0
76	Automatic Speech Recognition Based on Ultrasonic Doppler Sensing for European Portuguese. Communications in Computer and Information Science, 2012, , 227-236.	0.5	10
77	The International Classification of Functioning, Disability and Health as a Conceptual Model for the Evaluation of Environmental Factors. Procedia Computer Science, 2012, 14, 293-300.	2.0	26
78	Real-Time MRI for Portuguese. Lecture Notes in Computer Science, 2012, , 306-317.	1.3	21
79	Production and Modeling of the European Portuguese Palatal Lateral. Lecture Notes in Computer Science, 2012, , 318-328.	1.3	3
80	Morphosyntactic Analysis of Language in Children with Autism Spectrum Disorder. Lecture Notes in Computer Science, 2012, , 35-45.	1.3	6
81	Acoustic Analysis of European Portuguese Oral Vowels Produced by Children. Communications in Computer and Information Science, 2012, , 129-138.	0.5	1
82	Segmentation and Analysis of the Oral and Nasal Cavities from MR Time Sequences. Lecture Notes in Computer Science, 2012, , 214-221.	1.3	7
83	Polygonal Mesh Comparison Applied to the Study of European Portuguese Sounds. International Journal of Creative Interfaces and Computer Graphics, 2012, 3, 28-44.	0.1	1
84	Parametric Asynchronous Eye Diagram for Optical Performance Monitoring. , 2012, , .		1
85	Cloud Computing Enhanced Service Development Architecture for the Living Usability Lab. Communications in Computer and Information Science, 2011, , 289-296.	0.5	1
86	Dynamic language modeling for European Portuguese. Computer Speech and Language, 2010, 24, 750-773.	4.3	5
87	Voice Quality of European Portuguese Emotional Speech. Lecture Notes in Computer Science, 2010, , 142-151.	1.3	9
88	European Portuguese MRI based speech production studies. Speech Communication, 2008, 50, 925-952.	2.8	46
89	Voice quality of psychological origin. Clinical Linguistics and Phonetics, 2008, 22, 906-916.	0.9	1
90	European Portuguese Articulatory Based Text-to-Speech: First Results. Lecture Notes in Computer Science, 2008, , 101-111.	1.3	5

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91	Dynamic language modeling for a daily broadcast news transcription system. , 2007, , .		21
92	On the Use of Machine Learning and Syllable Information in European Portuguese Grapheme-Phone Conversion. Lecture Notes in Computer Science, 2006, , 212-215.	1.3	7
93	Simulation of Human Speech Production Applied to the Study and Synthesis of European Portuguese. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.7	12
94	Para a melhoria da sÃntese articulataÃria das vogais nasais do portuguÃs europeu: estudo da duraÃÃo e de caracterÃsticas relacionadas com a fonte glotal. Revista De Estudos Da Linguagem, 2004, 12, .	0.1	0
95	SAPWindows - towards a versatile modular articulatory synthesizer. , 0, , .		5
96	A robot with natural interaction capabilities. , 0, , .		1
97	Towards a Multimodal Silent Speech Interface for European Portuguese. , 0, , .		8
98	The age effects on EP vowel production: an ultrasound pilot study. , 0, , .		4
99	Age-Related Changes in European Portuguese Vowel Acoustics. , 0, , .		5
100	On the Role of Oral Configurations in European Portuguese Nasal Vowels. , 0, , .		5
101	On european Portuguese automatic syllabification. , 0, , .		9
102	Impact of age in the production of European Portuguese vowels. , 0, , .		5
103	Enhancing multimodal silent speech interfaces with feature selection. , 0, , .		9
104	Critical Articulators Identification from RT-MRI of the Vocal Tract. , 0, , .		3
105	Exploring Advances in Real-time MRI for Speech Production Studies of European Portuguese. , 0, , .		0
106	Exploring Critical Articulator Identification from 50Hz RT-MRI Data of the Vocal Tract. , 0, , .		2