Zoraida Callejas Carrion

List of Publications by Year
in descending order

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Version: 2024-02-01

83 papers	1,171 citations	535685 17 h-index	591227 27 g-index
90 all docs	90 docs citations	90 times ranked	908 citing authors

#	Article	IF	Citations
1	Architecting dietary intake monitoring as a service combining NLP and IoT. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 5377-5389.	3.3	3
2	A Comparison of Learning Approaches to Dialogue Management in Conversational Systems. Advances in Intelligent Systems and Computing, 2022, , 68-77.	0.5	0
3	Fine-Tuning BERT Models for Intent Recognition Using a Frequency Cut-Off Strategy for Domain-Specific Vocabulary Extension. Applied Sciences (Switzerland), 2022, 12, 1610.	1.3	4
4	A Proposal for Multimodal Emotion Recognition Using Aural Transformers and Action Units on RAVDESS Dataset. Applied Sciences (Switzerland), 2022, 12, 327.	1.3	26
5	Adaptive dialogue management using intent clustering and fuzzy rules. Expert Systems, 2021, 38, .	2.9	0
6	Managing Multi-task Dialogs by Means of a Statistical Dialog Management Technique. Lecture Notes in Electrical Engineering, 2021, , 67-78.	0.3	0
7	The Role of Trust in Proactive Conversational Assistants. IEEE Access, 2021, 9, 112821-112836.	2.6	22
8	Discriminative Power of EEG-Based Biomarkers in Major Depressive Disorder: A Systematic Review. IEEE Access, 2021, 9, 112850-112870.	2.6	19
9	Conversational Agents for Mental Health and Wellbeing. Logic, Argumentation & Reasoning, 2021, , 219-244.	0.1	10
10	A Modular Architecture for Multi-Purpose Conversational System Development. Ambient Intelligence and Smart Environments, 2021, , .	0.2	0
11	An empirical assessment of deep learning approaches to task-oriented dialog management. Neurocomputing, 2021, 439, 327-339.	3.5	6
12	Towards versatile conversations with data-driven dialog management and its integration in commercial platforms. Journal of Computational Science, 2021, 55, 101443.	1.5	1
13	Adaptive Systems for Multicultural and Ageing Societies. , 2021, , 1-20.		0
14	Multimodal Emotion Recognition on RAVDESS Dataset Using Transfer Learning. Sensors, 2021, 21, 7665.	2.1	41
15	Predicting Computer Engineering students' dropout in Cuban Higher Education with pre-enrollment and early performance data. Journal of Technology and Science Education, 2020, 10, 241.	0.5	14
16	Longitudinal patterns in Spanish doctoral theses on scientific medical information: a tertiary study. Scientometrics, 2020, 124, 1241-1260.	1.6	2
17	Factores que inciden en la desercIÃ³n estudiantil en carreras de perfil IngenierÃa InformÃ¡tica.. Revista Fuentes, 2020, 1, 105-126.	0.1	4
18	Mobile Conversational Agents for Stroke Rehabilitation Therapy. , 2019, , .		5

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19	Developing enhanced conversational agents for social virtual worlds. Neurocomputing, 2019, 354, 27-40.	3.5	19
20	General Architecture for Development of Virtual Coaches for Healthy Habits Monitoring and Encouragement. Sensors, 2019, 19, 108.	2.1	8
21	Inferring hot topics and emerging educational research fronts. On the Horizon, 2019, 27, 125-134.	1.0	5
22	Data Science and Conversational Interfaces: A New Revolution in Digital Business. , 2019, , 41-56.		1
23	Combining speech-based and linguistic classifiers to recognize emotion in user spoken utterances. Neurocomputing, 2019, 326-327, 132-140.	3.5	16
24	USING EVALUATIVE INDICATORS OF SCIENTIFIC JOURNALS TO IDENTIFY EMERGENT RESEARCH FRONTS IN SPECIAL EDUCATION. EDULEARN Proceedings, 2019, , .	0.0	1
25	Increasing the Role of Data Analytics in m-Learning Conversational Applications. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 93-113.	0.5	1
26	Introducing Computational Semantics for Natural Language Understanding in Conversational Nutrition Coaches for Healthy Eating. Proceedings (mdpi), 2018, 2, 506.	0.2	1
27	Incorporating android conversational agents in mâ€learning apps. Expert Systems, 2017, 34, e12156.	2.9	13
28	Teaching and Learning Abstract Concepts by Means of Social Virtual Worlds. International Journal of Virtual and Augmented Reality, 2017, 1, 29-42.	0.4	1
29	Big Data for Conversational Interfaces: Current Opportunities and Prospects. , 2017, , 103-121.		0
30	Developing Educative Multimodal Conversational Applications for Mobile Devices. Advances in Educational Marketing, Administration, and Leadership Book Series, 2017, , 354-372.	0.1	0
31	An Affective Utility Model of User Motivation for Counselling Dialogue Systems. Lecture Notes in Computer Science, 2017, , 86-97.	1.0	1
32	A Neural Network Approach to Intention Modeling for User-Adapted Conversational Agents. Computational Intelligence and Neuroscience, 2016, 2016, 1-11.	1.1	6
33	Dialog Management. , 2016, , 209-233.		0
34	Emotion, Affect, and Personality. , 2016, , 309-327.		2
35	Affective Conversational Interfaces. , 2016, , 329-357.		5
36	Evaluating the Conversational Interface. , 2016, , 379-402.		7

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37	Toward a Technology of Conversation. , 2016, , 25-50.		0
38	The Conversational Interface. , 2016, , .		247
39	Mobile Conversational Agents for Context-Aware Care Applications. Cognitive Computation, 2016, 8, 336-356.	3.6	29
40	Sentiment Analysis: From Opinion Mining to Human-Agent Interaction. IEEE Transactions on Affective Computing, 2016, 7, 74-93.	5.7	109
41	User Progress Modelling in Counselling Systems: An Application to an Adaptive Virtual Coach. Lecture Notes in Computer Science, 2016, , 479-487.	1.0	0
42	A proposal for the development of adaptive spoken interfaces to access the Web. Neurocomputing, 2015, 163, 56-68.	3.5	7
43	Towards Emotionally Sensitive Conversational Interfaces for E-therapy. Lecture Notes in Computer Science, 2015, , 498-507.	1.0	5
44	An approach to develop intelligent learning environments by means of immersive virtual worlds. Journal of Ambient Intelligence and Smart Environments, 2014, 6, 237-255.	0.8	26
45	A cross-lingual adaptation approach for rapid development of speech recognizers for learning disabled users. Eurasip Journal on Audio, Speech, and Music Processing, 2014, 2014, .	1.3	2
46	Modeling the user state for context-aware spoken interaction in ambient assisted living. Applied Intelligence, 2014, 40, 749-771.	3.3	24
47	A framework for the assessment of synthetic personalities according to user perception. International Journal of Human Computer Studies, 2014, 72, 567-583.	3.7	18
48	A domain-independent statistical methodology for dialog management in spoken dialog systems. Computer Speech and Language, 2014, 28, 743-768.	2.9	51
49	A Virtual Coach for Active Ageing Based on Sentient Computing and m-health. Lecture Notes in Computer Science, 2014, , 59-66.	1.0	7
50	Review of spoken dialogue systems. Loquens, 2014, 1, e012.	0.1	15
51	An Architecture to Develop Multimodal Educative Applications with Chatbots. International Journal of Advanced Robotic Systems, 2013, 10, 175.	1.3	24
52	Providing personalized Internet services by means of context-aware spoken dialogue systems. Journal of Ambient Intelligence and Smart Environments, 2013, 5, 23-45.	0.8	3
53	Towards the Use of Dialog Systems to Facilitate Inclusive Education. Advances in Educational Technologies and Instructional Design Book Series, 2013, , 1-21.	0.2	0
54	On the Use of Speech Technologies to Achieve Inclusive Education for People with Intellectual Disabilities. Advances in Educational Technologies and Instructional Design Book Series, 2013, , 163-174.	0.2	0

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55	Conversational Metabots for Educational Applications in Virtual Worlds. , 2013, , 209-237.		0
56	Bringing together commercial and academic perspectives for the development of intelligent AmI interfaces. Journal of Ambient Intelligence and Smart Environments, 2012, 4, 183-207.	0.8	8
57	On the Development of Adaptive and User-Centred Interactive Multimodal Interfaces. , 2012, , 262-291.		0
58	Predicting user mental states in spoken dialogue systems. Eurasip Journal on Advances in Signal Processing, 2011, 2011, .	1.0	31
59	Affective Conversational Agents. , 2011, , 203-222.		17
60	Enhancement of Conversational Agents By Means of Multimodal Interaction. , 2011, , 223-252.		6
61	Integration of Statistical Dialog Management Techniques to Implement Commercial Dialog Systems. , 2011, , 227-239.		0
62	Using knowledge of misunderstandings to increase the robustness of spoken dialogue systems. Knowledge-Based Systems, 2010, 23, 471-485.	4.0	18
63	A Multimodal Dialogue System for an Ambient Intelligent Application in Home Environments. Lecture Notes in Computer Science, 2010, , 491-498.	1.0	7
64	Multimodal Dialogue for Ambient Intelligence and Smart Environments. , 2010, , 559-579.		25
65	Using Knowledge about Misunderstandings to Increase the Robustness of Spoken Dialogue Systems. Lecture Notes in Computer Science, 2010, , 523-530.	1.0	0
66	A Methodology for Learning Optimal Dialog Strategies. Lecture Notes in Computer Science, 2010, , 507-514.	1.0	2
67	Designing smart home interfaces for the elderly. ACM SIGACCESS Accessibility and Computing, 2009, , 10-16.	0.2	30
68	A comparison between dialog corpora acquired with real and simulated users. , 2009, , .		6
69	Cost-Efficient Cross-Lingual Adaptation of a Speech Recognition System. Advances in Intelligent and Soft Computing, 2009, , 331-338.	0.2	1
70	ASR post-correction for spoken dialogue systems based on semantic, syntactic, lexical and contextual information. Speech Communication, 2008, 50, 745-766.	1.6	21
71	Relations between de-facto criteria in the evaluation of a spoken dialogue system. Speech Communication, 2008, 50, 646-665.	1.6	28
72	Influence of contextual information in emotion annotation for spoken dialogue systems. Speech Communication, 2008, 50, 416-433.	1.6	77

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73	On the Use of Kappa Coefficients to Measure the Reliability of the Annotation of Non-acted Emotions. Lecture Notes in Computer Science, 2008, , 221-232.	1.0	5
74	Two-Level Fusion to Improve Emotion Classification inÂSpokenÂDialogueÂSystems. Lecture Notes in Computer Science, 2008, , 617-624.	1.0	6
75	Decisive Factors in the Annotation of Emotions for Spoken Dialogue Systems. Advances in Intelligent and Soft Computing, 2007, , 747-754.	0.2	0
76	Combining language models in the input interface of a spoken dialogue system. Computer Speech and Language, 2006, 20, 420-440.	2.9	14
77	Two-level speech recognition to enhance the performance of spoken dialogue systems. Knowledge-Based Systems, 2006, 19, 153-163.	4.0	10
78	Testing the performance of spoken dialogue systems by means of an artificially simulated user. Artificial Intelligence Review, 2006, 26, 291-323.	9.7	34
79	Setting Up a Multimodal Dialogue System for Ubiquitous Environmen. , 2006, , 89-101.		0
80	Hispabot-Covid19: the official Spanish conversational system about Covid-19. , 0, , .		1
81	An approach to intent detection and classification based on attentive recurrent neural networks. , 0, , .		3
82	Towards the Use of Dialog Systems to Facilitate Inclusive Education. , 0, , 1292-1312.		0
83	Conversational Metabots for Educational Applications in Virtual Worlds. , 0, , 1405-1433.		0