Miguel Sales Dias

List of Publications by Year
in descending order

61 papers	422 citations	933447 10 h-index	940533 16 g-index
66 all docs	66 docs citations	66 times ranked	316 citing authors

#	Article	IF	Citations
1	Machine Learning Techniques Focusing on the Energy Performance of Buildings: A Dimensions and Methods Analysis. Buildings, 2022, 12, 28.	3.1	16
2	Understanding Spatiotemporal Station and Trip Activity Patterns in the Lisbon Bike-Sharing System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 16-34.	0.3	0
3	Machine Learning Approaches to Bike-Sharing Systems: A Systematic Literature Review. ISPRS International Journal of Geo-Information, 2021, 10, 62.	2.9	26
4	Smart Cities: Data-Driven Solutions to Understand Disruptive Problems in Transportation—The Lisbon Case Study. Energies, 2021, 14, 3044.	3.1	9
5	Calcium Identification and Scoring Based on Echocardiography. An Exploratory Study on Aortic Valve Stenosis. Journal of Personalized Medicine, 2021, 11, 598.	2.5	5
6	Mining Electric Vehicle Adoption of Users. World Electric Vehicle Journal, 2021, 12, 233.	3.0	3
7	Machine Learning Techniques in the Energy Consumption of Buildings: A Systematic Literature Review Using Text Mining and Bibliometric Analysis. Energies, 2021, 14, 7810.	3.1	13
8	Evaluating Energy Performance Certificate Data with Data Science. , 2021, , .		0
9	An Introduction to Silent Speech Interfaces. Springer Briefs in Electrical and Computer Engineering, 2017, , .	0.5	8
10	SSI Modalities II: Articulation and Its Consequences. Springer Briefs in Electrical and Computer Engineering, 2017, , 31-50.	0.5	0
11	Combining Modalities: Multimodal SSI. Springer Briefs in Electrical and Computer Engineering, 2017, , 51-71.	0.5	0
12	Automatic Human Activity Segmentation and Labeling in RGBD Videos. Smart Innovation, Systems and Technologies, 2016, , 383-394.	0.6	2
13	Design and Analysis of a Database to Evaluate Children's Reading Aloud Performance. Lecture Notes in Computer Science, 2016, , 385-395.	1.3	0
14	Multilingual Speech Recognition for the Elderly: The AALFred Personal Life Assistant. Procedia Computer Science, 2015, 67, 283-292.	2.0	16
15	A Living Labs Approach for Usability Testing of Ambient Assisted Living Technologies. Lecture Notes in Computer Science, 2015, , 167-178.	1.3	6
16	CogniWin – A Virtual Assistance System for Older Adults at Work. Lecture Notes in Computer Science, 2015, , 257-268.	1.3	4
17	Good Appearance and 3D Shape Descriptors for Object Category Recognition. International Journal on Artificial Intelligence Tools, 2015, 24, 1540017.	1.0	0
18	Elderly Speech-Gaze Interaction. Lecture Notes in Computer Science, 2015, , 3-12.	1.3	2

#	Article	IF	Citations
19	"Read That Article". , 2015, , .		8
20	Detecting Nasal Vowels in Speech Interfaces Based on Surface Electromyography. PLoS ONE, 2015, 10, e0127040.	2.5	9
21	Giving Voices to Multimodal Applications. Lecture Notes in Computer Science, 2015, , 273-283.	1.3	1
22	Applying ISO/IEC 25010 Standard to Prioritize and Solve Quality Issues of Automatic ETL Processes. , 2014, , .		5
23	Computational Processing of the Portuguese Language. Lecture Notes in Computer Science, 2014, , .	1.3	2
24	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
25	Improving Speech Recognition through Automatic Selection of Age Group â€" Specific Acoustic Models. Lecture Notes in Computer Science, 2014, , 12-23.	1.3	7
26	Assessing the Applicability of Surface EMG to Tongue Gesture Detection. Lecture Notes in Computer Science, 2014, , 189-198.	1.3	3
27	Analysis of object description methods in a video object tracking environment. Machine Vision and Applications, 2013, 24, 1149-1165.	2.7	9
28	On the development of an automatic voice pleasantness classification and intensity estimation system. Computer Speech and Language, 2013, 27, 75-88.	4.3	15
29	The CNG Corpus of European Portuguese Childrenâ€™s Speech. Lecture Notes in Computer Science, 2013, , 544-551.	1.3	6
30	Good Appearance and Shape Descriptors for Object Category Recognition. Lecture Notes in Computer Science, 2013, , 385-394.	1.3	0
31	Automatic Speech Recognition Based on Ultrasonic Doppler Sensing for European Portuguese. Communications in Computer and Information Science, 2012, , 227-236.	0.5	10
32	Impact of Age in ASR for the Elderly: Preliminary Experiments in European Portuguese. Communications in Computer and Information Science, 2012, , 139-147.	0.5	17
33	A Proposal for a Visual Speech Animation System for European Portuguese. Communications in Computer and Information Science, 2012, , 267-276.	0.5	2
34	Designing a Highly Immersive Interactive Environment: The Virtual Mine. Computer Graphics Forum, 2010, 29, 1756-1769.	3.0	9
35	Multi-projector VR Systems. , 2010, , .		0
36	Using Hand Gesture and Speech in a Multimodal Augmented Reality Environment. Lecture Notes in Computer Science, 2009, , 175-180.	1.3	8

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37	Skin Color Profile Capture for Scale and Rotation Invariant Hand Gesture Recognition. Lecture Notes in Computer Science, 2009, , 81-92.	1.3	4
38	Spoken Language Interface for Mobile Devices. Lecture Notes in Computer Science, 2009, , 24-35.	1.3	3
39	Open DRM and the Future of Media. IEEE MultiMedia, 2008, 15, 28-36.	1.7	13
40	Natural and tangible human-computer interfaces for augmented environments. , 2008, , .		0
41	Key Management in Open DRM Platforms. , 2007, , .		0
42	Protection of MP3 Music Files Using Digital Rights Management and Symmetric Ciphering. , 2006, , .		2
43	Semi-Automatic 3D Reconstruction of Urban Areas Using Epipolar Geometry and Template Matching. Computer-Aided Civil and Infrastructure Engineering, 2006, 21, 466-485.	9.8	6
44	Integration of Geo-Referenced Data for Visual Simulation in Location-Based Mobile Computing. Computer-Aided Civil and Infrastructure Engineering, 2006, 21, 514-529.	9.8	7
45	O.G.R.E. â€" Open Gestures Recognition Engine, a Platform for Gesture-Based Communication and Interaction. Lecture Notes in Computer Science, 2006, , 129-132.	1.3	3
46	From OPIMA to MPEG IPMP-X: A standard's history across R&D projects. Signal Processing: Image Communication, 2005, 20, 972-994.	3.2	11
47	Fully automated texture tracking based on natural features extraction and template matching. , 2005, , .		6
48	Developing games with Magic Playground. , 2005, , .		1
49	D4MD. , 2005, , .		4
50	JPEG 2000 coding of textured parametric surfaces. , 2004, , .		0
51	Lossless coding of floating point data with JPEG 2000 Part 10. , 2004, 5558, 276.		15
52	Variable resolution coding with JPEG 2000 Part 10. , 2004, 5558, 288.		1
53	<title>JPEG 2000 coding of image data over adaptive refinement grids</title>. , 2003, , .		0
54	A method for protecting and controlling access to JPEG2000 images. , 2003, 5203, 272.		2

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55	mWorld: A multiuser 3D virtual environment. IEEE Computer Graphics and Applications, 1997, 17, 55-65.	1.2	54
56	In your hand computing: tangible interfaces for mixed reality. , 0, , .		5
57	OGRE - open gestures recognition engine. , 0, , .		8
58	A corpus-based study of elderly and young speakers of European Portuguese: acoustic correlates and their impact on speech recognition performance. , 0, , .		13
59	Automatic word stress marking and syllabification for Catalan TTS. , 0, , .		1
60	Impact of age in the production of European Portuguese vowels. , 0, , .		5
61	Enhancing multimodal silent speech interfaces with feature selection. , 0, , .		9