

Nikos Fakotakis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

696
citations

11
h-index

25
g-index

53
ext. papers

845
ext. citations

2.2
avg, IF

3.82
L-index

#	Paper	IF	Citations
49	. <i>IEEE Access</i> , 2021 , 9, 103737-103757	3.5	9
48	SmartWork 2019 ,		4
47	Conceptual architecture of a multi-dimensional modeling framework for older office workers 2019 ,		4
46	3D Mesh Inpainting Using Matrix Completion via Augmented Lagrange Multiplier Method 2018 ,		2
45	Outliers Removal of Highly Dense and Unorganized Point Clouds Acquired by Laser Scanners in Urban Environments 2018 ,		2
44	Outliers Removal and Consolidation of DYNAMIC Point Cloud 2018 ,		3
43	Data-Driven Audio Feature Space Clustering for Automatic Sound Recognition in Radio Broadcast News. <i>International Journal on Artificial Intelligence Tools</i> , 2017 , 26, 1750005	0.9	3
42	Weighted regularized laplacian interpolation for consolidation of highly-incomplete time varying point clouds 2017 ,		3
41	Assessing Spoken Dialog Services from the End-User Perspective: Usability and Experience. <i>Lecture Notes in Computer Science</i> , 2017 , 162-170	0.9	
40	The MoveOn database: motorcycle environment speech and noise database for command and control applications. <i>Language Resources and Evaluation</i> , 2013 , 47, 539-563	1.8	
39	Two-stage phone duration modelling with feature construction and feature vector extension for the needs of speech synthesis. <i>Computer Speech and Language</i> , 2012 , 26, 274-292	2.8	4
38	Affective speech interface in serious games for supporting therapy of mental disorders. <i>Expert Systems With Applications</i> , 2012 , 39, 11072-11079	7.8	29
37	Modeling the Temporal Evolution of Acoustic Parameters for Speech Emotion Recognition. <i>IEEE Transactions on Affective Computing</i> , 2012 , 3, 116-125	5.7	57
36	Automated Acoustic Classification of Bird Species from Real -Field Recordings 2012 ,		5
35	. <i>IEEE Transactions on Multimedia</i> , 2011 , 13, 713-719	6.6	75
34	A PRACTICAL SYSTEM FOR ACOUSTIC SURVEILLANCE OF HAZARDOUS SITUATIONS. <i>International Journal on Artificial Intelligence Tools</i> , 2011 , 20, 119-137	0.9	2
33	Support vector regression fusion scheme in phone duration modeling 2011 ,		1

32	Context-adaptive pre-processing scheme for robust speech recognition in fast-varying noise environment. <i>Signal Processing</i> , 2011 , 91, 2101-2111	4.4	9
31	Improving phone duration modelling using support vector regression fusion. <i>Speech Communication</i> , 2011 , 53, 85-97	2.8	6
30	Dynamic selection of a speech enhancement method for robust speech recognition in moving motorcycle environment 2011 ,		3
29	PHONETIC SEGMENTATION OF EMOTIONAL SPEECH WITH HMM-BASED METHODS. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2010 , 24, 1159-1179	1.1	4
28	SPEECH ENHANCEMENT FOR ROBUST SPEECH RECOGNITION IN MOTORCYCLE ENVIRONMENT. <i>International Journal on Artificial Intelligence Tools</i> , 2010 , 19, 159-173	0.9	2
27	Sound classification based on temporal feature integration 2010 ,		2
26	Fusion of acoustic and optical sensor data for automatic fight detection in urban environments 2010 ,		15
25	Phone duration modeling: overview of techniques and performance optimization via feature selection in the context of emotional speech. <i>International Journal of Speech Technology</i> , 2010 , 13, 175-188	1.3	1
24	Robust speech interaction in motorcycle environment. <i>Expert Systems With Applications</i> , 2010 , 37, 1827-1835	1.8	7
23	Speech segmentation using regression fusion of boundary predictions. <i>Computer Speech and Language</i> , 2010 , 24, 273-288	2.8	15
22	Using Hybrid HMM-Based Speech Segmentation to Improve Synthetic Speech Quality 2009 ,		5
21	An Adaptive Framework for Acoustic Monitoring of Potential Hazards. <i>Eurasip Journal on Audio, Speech, and Music Processing</i> , 2009 , 2009, 1-15	2.3	36
20	PROMETHEUS database: A multimodal corpus for research on modeling and interpreting human behavior 2009 ,		9
19	On acoustic surveillance of hazardous situations 2009 ,		62
18	Automatic Speech Recognition System for Home Appliances Control 2009 ,		3
17	Exploiting Temporal Feature Integration for Generalized Sound Recognition. <i>Eurasip Journal on Advances in Signal Processing</i> , 2009 , 2009,	1.9	25
16	Multi-modal System Architecture for Serious Gaming. <i>IFIP Advances in Information and Communication Technology</i> , 2009 , 441-447	0.5	1
15	A hybrid architecture for automatic segmentation of speech waveforms. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , 2008 ,	1.6	7

14	Phonetic segmentation using multiple speech features. <i>International Journal of Speech Technology</i> , 2008 , 11, 73-85	1.3	5
13	The Effect of Emotional Speech on a Smart-Home Application. <i>Lecture Notes in Computer Science</i> , 2008 , 305-310	0.9	5
12	Study on Speaker-Independent Emotion Recognition from Speech on Real-World Data. <i>Lecture Notes in Computer Science</i> , 2008 , 235-242	0.9	9
11	Wavelet packet approximation of critical bands for speaker verification. <i>International Journal of Speech Technology</i> , 2007 , 10, 197-218	1.3	5
10	EVALUATING INTONATIONAL FEATURES FOR EMOTION RECOGNITION FROM SPEECH. <i>International Journal on Artificial Intelligence Tools</i> , 2007 , 16, 1001-1014	0.9	2
9	Acoustic Monitoring of Singing Insects 2007 ,		22
8	Automatic acoustic identification of crickets and cicadas 2007 ,		8
7	Detection of Negative Emotional States in Real-World Scenario 2007 ,		2
6	Automatic acquisition of verb subcategorization information by exploiting minimal linguistic resources. <i>International Journal of Corpus Linguistics</i> , 2004 , 9, 1-28	0.8	4
5	DOMAIN KNOWLEDGE ACQUISITION AND PLAN RECOGNITION BY PROBABILISTIC REASONING. <i>International Journal on Artificial Intelligence Tools</i> , 2004 , 13, 333-365	0.9	
4	A hybrid syllable recognition system based on vowel spotting. <i>Speech Communication</i> , 2002 , 38, 427-440	2.8	11
3	Large Vocabulary Search Space Reduction Employing Directed Acyclic Word Graphs and Phonological Rules. <i>International Journal of Speech Technology</i> , 2002 , 5, 355-370	1.3	
2	Automatic Text Categorization in Terms of Genre and Author. <i>Computational Linguistics</i> , 2000 , 26, 471-495	2.8	187
1	A text-independent speaker recognition system based on vowel spotting. <i>Speech Communication</i> , 1993 , 12, 57-68	2.8	17