

Silvia Orlandi

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

678
citations

687363
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38
all docs

38
docs citations

38
times ranked

669
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison and classification of oscillatory characteristics in speech perception and covert speech. Brain Research, 2022, 1781, 147778.	2.2	3
2	Does music induce interbrain synchronization between a non-speaking youth with cerebral palsy (CP), a parent, and a neurologic music therapist? A brief report. Developmental Neurorehabilitation, 2022, 25, 426-432.	1.1	7
3	Automated Movement Analysis to Predict Cerebral Palsy in Very Preterm Infants: An Ambispective Cohort Study. Children, 2022, 9, 843.	1.5	5
4	BioVoice: A multipurpose tool for voice analysis. Biomedical Signal Processing and Control, 2021, 64, 102302.	5.7	8
5	Brain-Computer Interfaces for Children With Complex Communication Needs and Limited Mobility: A Systematic Review. Frontiers in Human Neuroscience, 2021, 15, 643294.	2.0	19
6	Automated movement recognition to predict motor impairment in high-risk infants: a systematic review of diagnostic test accuracy and meta-analysis. Developmental Medicine and Child Neurology, 2021, 63, 637-648.	2.1	27
7	Customized Access Technology for Children using Head Movement Recognition. , 2020, 2020, 1783-1786.		1
8	Stress Assessment by Combining Neurophysiological Signals and Radio Communications of Air Traffic Controllers. , 2020, 2020, 851-854.		6
9	Automated movement analysis to predict motor impairment in preterm infants: a retrospective study. Journal of Perinatology, 2019, 39, 1362-1369.	2.0	11
10	Automated analysis of newborn cry: relationships between melodic shapes and native language. Biomedical Signal Processing and Control, 2019, 53, 101561.	5.7	11
11	Detection of Atypical and Typical Infant Movements using Computer-based Video Analysis. , 2018, 2018, 3598-3601.		29
12	A novel approach to automatically quantify the level of coincident activity between EMG and MMG signals. Journal of Electromyography and Kinesiology, 2018, 41, 34-40.	1.7	7
13	Automatic Detection of Amyotrophic Lateral Sclerosis (ALS) from Video-Based Analysis of Facial Movements: Speech and Non-Speech Tasks. , 2018, , .		21
14	Automated detection and classification of basic shapes of newborn cry melody. Biomedical Signal Processing and Control, 2018, 45, 174-181.	5.7	18
15	Smartphones Offer New Opportunities in Clinical Voice Research. Journal of Voice, 2017, 31, 111.e1-111.e7.	1.5	55
16	Phonetic analysis during treatment with rapid maxillary expander. Orthodontics and Craniofacial Research, 2017, 20, 21-29.	2.8	9
17	Analysis of facial expressions in parkinson's disease through video-based automatic methods. Journal of Neuroscience Methods, 2017, 281, 7-20.	2.5	84
18	Testing software tools for newborn cry analysis using synthetic signals. Biomedical Signal Processing and Control, 2017, 37, 16-22.	5.7	10

#	ARTICLE	IF	CITATIONS
19	Designing a wearable MMG-based mobile app for gait rehab. , 2017, , .		1
20	Markerless Analysis of Articulatory Movements in Patients With Parkinson's Disease. Journal of Voice, 2016, 30, 766.e1-766.e11.	1.5	31
21	Application of Pattern Recognition Techniques to the Classification of Full-Term and Preterm Infant Cry. Journal of Voice, 2016, 30, 656-663.	1.5	59
22	AVIM" A contactless system for infant data acquisition and analysis: Software architecture and first results. Biomedical Signal Processing and Control, 2015, 20, 85-99.	5.7	21
23	Classifying infant cry patterns by the Genetic Selection of a Fuzzy Model. Biomedical Signal Processing and Control, 2015, 17, 38-46.	5.7	42
24	Automated tracking of quantitative parameters from single line scanning of vocal folds: A case study of the "messa di voce"™ exercise. Logopedics Phoniatrics Vocology, 2015, 40, 44-54.	1.0	18
25	Automatic Assessment of Acoustic Parameters of the Singing Voice: Application to Professional Western Operatic and Jazz Singers. Journal of Voice, 2015, 29, 517.e1-517.e9.	1.5	25
26	Automatic identification of dysprosody in idiopathic Parkinson's disease. Biomedical Signal Processing and Control, 2015, 17, 47-54.	5.7	26
27	Testing software tools with synthesized deviant voices for medicolegal assessment of occupational dysphonia. Biomedical Signal Processing and Control, 2014, 13, 71-78.	5.7	11
28	Effective pre-processing of long term noisy audio recordings: An aid to clinical monitoring. Biomedical Signal Processing and Control, 2013, 8, 799-810.	5.7	17
29	Effect of local blood flow in thermal regulation in diabetic patient. Microvascular Research, 2013, 88, 42-47.	2.5	12
30	Modelling of Thermal Hyperemia in the Skin of Type 2 Diabetic Patients. Journal of Healthcare Engineering, 2013, 4, 541-554.	1.9	7
31	Automatic newborn cry analysis: A Non-invasive tool to help autism early diagnosis. , 2012, 2012, 2953-6.		24
32	Central blood oxygen saturation vs crying in preterm newborns. Biomedical Signal Processing and Control, 2012, 7, 88-92.	5.7	13
33	High-resolution cry analysis in preterm newborn infants. Medical Engineering and Physics, 2009, 31, 528-532.	1.7	30
34	Discrimination of Fatigue in Walking Patterns. IFMBE Proceedings, 2009, , 1275-1278.	0.3	1
35	Non-invasive distress evaluation in preterm newborn infants. , 2008, 2008, 2908-11.		2
36	Non invasive distress monitoring in children hospital intensive care unit. , 2008, , .		2