

# Silvia Orlandi

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

678  
citations

687220

13  
h-index

642610

23  
g-index

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. <i>Brain Research</i> , 2022, 1781, 147778.	1.1	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. <i>Developmental Neurorehabilitation</i> , 2022, 25, 426-432.	0.5	7
3	Automated Movement Analysis to Predict Cerebral Palsy in Very Preterm Infants: An Ambispective Cohort Study. <i>Children</i> , 2022, 9, 843.	0.6	5
4	BioVoice: A multipurpose tool for voice analysis. <i>Biomedical Signal Processing and Control</i> , 2021, 64, 102302.	3.5	8
5	Brain-Computer Interfaces for Children With Complex Communication Needs and Limited Mobility: A Systematic Review. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 643294.	1.0	19
6	Automated movement recognition to predict motor impairment in high-risk infants: a systematic review of diagnostic test accuracy and meta-analysis. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 637-648.	1.1	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. <i>Journal of Perinatology</i> , 2019, 39, 1362-1369.	0.9	11
10	Automated analysis of newborn cry: relationships between melodic shapes and native language. <i>Biomedical Signal Processing and Control</i> , 2019, 53, 101561.	3.5	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. <i>Journal of Electromyography and Kinesiology</i> , 2018, 41, 34-40.	0.7	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. <i>Biomedical Signal Processing and Control</i> , 2018, 45, 174-181.	3.5	18
15	Smartphones Offer New Opportunities in Clinical Voice Research. <i>Journal of Voice</i> , 2017, 31, 111.e1-111.e7.	0.6	55
16	Phonetic analysis during treatment with rapid maxillary expander. <i>Orthodontics and Craniofacial Research</i> , 2017, 20, 21-29.	1.2	9
17	Analysis of facial expressions in parkinson's disease through video-based automatic methods. <i>Journal of Neuroscience Methods</i> , 2017, 281, 7-20.	1.3	84
18	Testing software tools for newborn cry analysis using synthetic signals. <i>Biomedical Signal Processing and Control</i> , 2017, 37, 16-22.	3.5	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.	0.6	31
21	Application of Pattern Recognition Techniques to the Classification of Full-Term and Preterm Infant Cry. Journal of Voice, 2016, 30, 656-663.	0.6	59
22	AVIMâ€”A contactless system for infant data acquisition and analysis: Software architecture and first results. Biomedical Signal Processing and Control, 2015, 20, 85-99.	3.5	21
23	Classifying infant cry patterns by the Genetic Selection of a Fuzzy Model. Biomedical Signal Processing and Control, 2015, 17, 38-46.	3.5	42
24	Automated tracking of quantitative parameters from single line scanning of vocal folds: A case study of the â€”messa di voceâ€” exercise. Logopedics Phoniatrics Vocology, 2015, 40, 44-54.	0.5	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.	0.6	25
26	Automatic identification of dysprosody in idiopathic Parkinson's disease. Biomedical Signal Processing and Control, 2015, 17, 47-54.	3.5	26
27	Testing software tools with synthesized deviant voices for medicolegal assessment of occupational dysphonia. Biomedical Signal Processing and Control, 2014, 13, 71-78.	3.5	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.	3.5	17
29	Effect of local blood flow in thermal regulation in diabetic patient. Microvascular Research, 2013, 88, 42-47.	1.1	12
30	Modelling of Thermal Hyperemia in the Skin of Type 2 Diabetic Patients. Journal of Healthcare Engineering, 2013, 4, 541-554.	1.1	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.	3.5	13
33	High-resolution cry analysis in preterm newborn infants. Medical Engineering and Physics, 2009, 31, 528-532.	0.8	30
34	Discrimination of Fatigue in Walking Patterns. IFMBE Proceedings, 2009, , 1275-1278.	0.2	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