

# Ambra Cesareo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9256932/publications.pdf>

Version: 2024-02-01

22  
papers

283  
citations

1039406

9  
h-index

940134

16  
g-index

23  
all docs

23  
docs citations

23  
times ranked

398  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Immersive Virtual Reality Platform to Enhance Walking Ability of Children with Acquired Brain Injuries. <i>Methods of Information in Medicine</i> , 2017, 56, 119-126.	0.7	47
2	Immersive Virtual Reality to Improve Walking Abilities in Cerebral Palsy: A Pilot Study. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1376-1384.	1.3	43
3	Assessment of Breathing Parameters Using an Inertial Measurement Unit (IMU)-Based System. <i>Sensors</i> , 2019, 19, 88.	2.1	40
4	Gait Pattern and Motor Performance During Discrete Gait Perturbation in Children With Autism Spectrum Disorders. <i>Frontiers in Psychology</i> , 2018, 9, 2530.	1.1	26
5	Acute Effects of Mechanical Insufflation-Exsufflation on the Breathing Pattern in Stable Subjects With Duchenne Muscular Dystrophy. <i>Respiratory Care</i> , 2018, 63, 955-965.	0.8	20
6	A novel acquisition platform for long-term breathing frequency monitoring based on inertial measurement units. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 785-804.	1.6	18
7	Effects of a multidisciplinary body weight reduction program on static and dynamic thoraco-abdominal volumes in obese adolescents. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 649-658.	0.9	14
8	Rehabilitation of Upper Limb in Children with Acquired Brain Injury: A Preliminary Comparative Study. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-12.	1.1	14
9	Neurotypical individuals fail to understand action vitality form in children with autism spectrum disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27712-27718.	3.3	12
10	Role of the cerebellum in high stages of motor planning hierarchy. <i>Journal of Neurophysiology</i> , 2017, 117, 1474-1482.	0.9	10
11	A Wearable Device for Breathing Frequency Monitoring: A Pilot Study on Patients with Muscular Dystrophy. <i>Sensors</i> , 2020, 20, 5346.	2.1	9
12	A novel, low cost, wearable contact-based device for breathing frequency monitoring. , 2017, 2017, 2402-2405.		8
13	EMG-based vibro-tactile biofeedback training: effective learning accelerator for children and adolescents with dystonia? A pilot crossover trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 150.	2.4	6
14	EMG-based vibro-tactile biofeedback improves motor control in children with secondary dystonia: two case reports. <i>Neuropsychiatry</i> , 2016, 06, .	0.4	5
15	Immersive virtual reality platform for cerebral palsy rehabilitation. , 2016, , .		4
16	Learning Probabilistic Features from EMG Data for Predicting Knee Abnormalities. <i>IFMBE Proceedings</i> , 2016, , 668-672.	0.2	3
17	A Comparative Study Among Constraint, Robot-Aided and Standard Therapies in Upper Limb Rehabilitation of Children with Acquired Brain Injury. <i>IFMBE Proceedings</i> , 2016, , 673-678.	0.2	2
18	Improving walking ability of children with acquired brain injuries by means of an immersive virtual reality platform. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	SynCare: An Innovative Remote Patient Monitoring System Secured by Cryptography and Blockchain. IFIP Advances in Information and Communication Technology, 2022, , 73-89.	0.5	1
20	Non-invasive Trisomy 21 Diagnosis Using Fuzzy Cognitive Maps. IFMBE Proceedings, 2016, , 731-736.	0.2	0
21	A tapping device for recording and quantitative characterization of rhythmic/auditory sequences. , 2017, 2017, 1250-1253.		0
22	Effects of Mechanical Insufflation-Exsufflation on the Breathing Pattern in Stable Subjects With Duchenne Muscular Dystrophy: "A Step Into New Knowledge". Respiratory Care, 2019, 64, 236-238.	0.8	0