Ambra Cesareo

List of Publications by Year
in descending order

22	283	9	16
papers	citations	h-index	g-index
23	23	23	398
all docs	docs citations	times ranked	citing authors

1039406

940134

#	Article	IF	Citations
1	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
2	Neurotypical individuals fail to understand action vitality form in children with autism spectrum disorder. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27712-27718.	3.3	12
3	A Wearable Device for Breathing Frequency Monitoring: A Pilot Study on Patients with Muscular Dystrophy. Sensors, 2020, 20, 5346.	2.1	9
4	A novel acquisition platform for long-term breathing frequency monitoring based on inertial measurement units. Medical and Biological Engineering and Computing, 2020, 58, 785-804.	1.6	18
5	Effects of Mechanical Insufflation-Exsufflation on the Breathing Pattern in Stable Subjects With Duchenne Muscular Dystrophy: â€œA Step Into New Knowledgeâ€. Respiratory Care, 2019, 64, 236-238.	0.8	0
6	EMG-based vibro-tactile biofeedback training: effective learning accelerator for children and adolescents with dystonia? A pilot crossover trial. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 150.	2.4	6
7	Assessment of Breathing Parameters Using an Inertial Measurement Unit (IMU)-Based System. Sensors, 2019, 19, 88.	2.1	40
8	Immersive Virtual Reality to Improve Walking Abilities in Cerebral Palsy: A Pilot Study. Annals of Biomedical Engineering, 2018, 46, 1376-1384.	1.3	43
9	Gait Pattern and Motor Performance During Discrete Gait Perturbation in Children With Autism Spectrum Disorders. Frontiers in Psychology, 2018, 9, 2530.	1.1	26
10	Acute Effects of Mechanical Insufflation-Exsufflation on the Breathing Pattern in Stable Subjects With Duchenne Muscular Dystrophy. Respiratory Care, 2018, 63, 955-965.	0.8	20
11	Rehabilitation of Upper Limb in Children with Acquired Brain Injury: A Preliminary Comparative Study. Journal of Healthcare Engineering, 2018, 2018, 1-12.	1.1	14
12	Role of the cerebellum in high stages of motor planning hierarchy. Journal of Neurophysiology, 2017, 117, 1474-1482.	0.9	10
13	A tapping device for recording and quantitative characterization of rhythmic/auditory sequences. , 2017, 2017, 1250-1253.		0
14	A novel, low cost, wearable contact-based device for breathing frequency monitoring. , 2017, 2017, 2402-2405.		8
15	An Immersive Virtual Reality Platform to Enhance Walking Ability of Children with Acquired Brain Injuries. Methods of Information in Medicine, 2017, 56, 119-126.	0.7	47
16	Learning Probabilistic Features from EMG Data for Predicting Knee Abnormalities. IFMBE Proceedings, 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. IFMBE Proceedings, 2016, , 673-678.	0.2	2
18	Non-invasive Trisomy 21 Diagnosis Using Fuzzy Cognitive Maps. IFMBE Proceedings, 2016, , 731-736.	0.2	0

#	Article	IF	Citations
19	Effects of a multidisciplinary body weight reduction program on static and dynamic thoraco-abdominal volumes in obese adolescents. Applied Physiology, Nutrition and Metabolism, 2016, 41, 649-658.	0.9	14
20	Immersive virtual reality platform for cerebral palsy rehabilitation. , 2016, , .		4
21	EMG-based vibro-tactile biofeedback improves motor control in children with secondary dystonia: two case reports. Neuropsychiatry, 2016, 06, .	0.4	5
22	Improving walking ability of children with acquired brain injuries by means of an immersive virtual reality platform. , 2015, , .		1