Marco Ghislieri

List of Publications by Year
in descending order

26 papers	387 citations	9 h-index	17 g-index
27 all docs	27 docs citations	27 times ranked	509 citing authors

#	Article	IF	Citations
1	Changes in the distribution of muscle activity when using a passive trunk exoskeleton depend on the type of working task: A high-density surface EMG study. Journal of Biomechanics, 2022, 130, 110846.	2.1	4
2	Design and Validation of a Wireless Body Sensor Network for Integrated EEG and HD-sEMG Acquisitions. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 61-71.	4.9	17
3	Statistical Gait Analysis Based on Surface Electromyography. Lecture Notes in Bioengineering, 2022, , 23-35.	0.4	0
4	A Clinical Prognostic Model Based on Machine Learning from the Fondazione Italiana Linfomi (FIL) MCL0208 Phase III Trial. Cancers, 2022, 14, 188.	3.7	6
5	Punctual and kinetic MRD analysis from the Fondazione Italiana Linfomi MCL0208 phase 3 trial in mantle cell lymphoma. Blood, 2022, 140, 1378-1389.	1.4	14
6	An Algorithm for Choosing the Optimal Number of Muscle Synergies during Walking. Sensors, 2021, 21, 3311.	3.8	8
7	Influence of Gait Cycle Normalization on Principal Activations. , 2021, , .		0
8	Atypical Gait Cycles in Parkinson's Disease. Sensors, 2021, 21, 5079.	3.8	6
9	Muscle activations during functional tasks in individuals with chronic ankle instability: a systematic review of electromyographical studies. Gait and Posture, 2021, 90, 340-373.	1.4	21
10	Long short-term memory (LSTM) recurrent neural network for muscle activity detection. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 153.	4.6	20
11	Evaluation of Muscle Function by Means of a Muscle-Specific and a Global Index. Sensors, 2021, 21, 7186.	3.8	1
12	The Effect of Number of Gait Cycles on Principal Activation Extraction. , 2021, 2021, 985-988.		0
13	Muscle synergies for the control of single-limb stance with and without visual information in young individuals. BMC Sports Science, Medicine and Rehabilitation, 2021, 13, 163.	1.7	8
14	Muscle Synergy Assessment During Single-Leg Stance. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2914-2922.	4.9	12
15	Surface Electromyography Applied to Gait Analysis: How to Improve Its Impact in Clinics?. Frontiers in Neurology, 2020, 11, 994.	2.4	36
16	Methodological issues in the assessment of motor control during single-leg stance. , 2020, , .		1
17	Muscle Synergies Extracted Using Principal Activations: Improvement of Robustness and Interpretability. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 453-460.	4.9	24
18	Pharmacogenomics Drives Lenalidomide Efficacy and MRD Kinetics in Mantle Cell Lymphoma after Autologous Transplantation: Results from the MCL0208 Multicenter, Phase III, Randomized Clinical Trial from the Fondazione Italiana Linfomi (FIL). Blood, 2020, 136, 16-17.	1.4	2

#	Article	IF	Citations
19	Wearable Inertial Sensors to Assess Standing Balance: A Systematic Review. Sensors, 2019, 19, 4075.	3.8	115
20	PS1248 COMPREHENSIVE ANALYSIS OF BASELINE OUTCOME BIOPREDICTORS IN YOUNGER PATIENTS WITH MANTLE CELL LYMPHOMA: THE ANCILLARY BIOLOGICAL STUDIES OF FONDAZIONE ITALIANA LINFOMI (FIL) MCL0208 CLINICAL TRIAL. HemaSphere, 2019, 3, 569-570.	2.7	0
21	Applying Data Warehousing to a Phase III Clinical Trial From the Fondazione Italiana Linfomi Ensures Superior Data Quality and Improved Assessment of Clinical Outcomes. JCO Clinical Cancer Informatics, 2019, 3, 1-15.	2.1	7
22	How to Improve Robustness in Muscle Synergy Extraction. , 2019, 2019, 1525-1528.		10
23	The Effect of Signal-to-Noise Ratio on Muscle Synergy Extraction. , 2018, , .		1
24	Feasibility of Muscle Synergy Outcomes in Clinics, Robotics, and Sports: A Systematic Review. Applied Bionics and Biomechanics, 2018, 2018, 1-19.	1.1	70
25	Muscle synergies in patients with low back pain : A statistical gait analysis study pre- and post-rehabilitation. , 2018, , .		3
26	The Engineered MIPI (e-MIPI), a Candidate Data-Mining Based Mantle Cell Lymphoma Prognostic Index Developed from the Dataset of the Fondazione Italiana Linfomi (FIL) MCL0208 Phase III Trial. Blood, 2018, 132, 2890-2890.	1.4	0