

Maria Grazia Benedetti

List of Publications by Year in descending order

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26
papers

1,860
citations

516215

16
h-index

642321

23
g-index

26
all docs

26
docs citations

26
times ranked

2027
citing authors

#	ARTICLE	IF	CITATIONS
1	A new anatomically based protocol for gait analysis in children. <i>Gait and Posture</i> , 2007, 26, 560-571.	0.6	358
2	Data management in gait analysis for clinical applications. <i>Clinical Biomechanics</i> , 1998, 13, 204-215.	0.5	274
3	An anatomically based protocol for the description of foot segment kinematics during gait. <i>Clinical Biomechanics</i> , 1999, 14, 528-536.	0.5	228
4	The Effectiveness of Physical Exercise on Bone Density in Osteoporotic Patients. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	210
5	Muscle activation pattern and gait biomechanics after total knee replacement. <i>Clinical Biomechanics</i> , 2003, 18, 871-876.	0.5	177
6	Fluoroscopic and gait analysis of the functional performance in stair ascent of two total knee replacement designs. <i>Gait and Posture</i> , 2003, 17, 225-234.	0.6	75
7	Quantitative comparison of current models for trunk motion in human movement analysis. <i>Clinical Biomechanics</i> , 2009, 24, 542-550.	0.5	66
8	Myoelectric activation pattern during gait in total knee replacement: relationship with kinematics, kinetics, and clinical outcome. <i>IEEE Transactions on Rehabilitation Engineering: A Publication of the IEEE Engineering in Medicine and Biology Society</i> , 1999, 7, 140-149.	1.4	64
9	Comparison of allograft-prosthetic composite reconstruction and modular prosthetic replacement in proximal femur bone tumors. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 84, 218-223.	1.2	57
10	Effects of an adapted physical activity program in a group of elderly subjects with flexed posture: clinical and instrumental assessment. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2008, 5, 32.	2.4	56
11	Does robot-assisted gait training ameliorate gait abnormalities in multiple sclerosis? A pilot randomized-control trial. <i>NeuroRehabilitation</i> , 2013, 33, 555-563.	0.5	52
12	A task-oriented circuit training in multiple sclerosis: a feasibility study. <i>BMC Neurology</i> , 2014, 14, 124.	0.8	49
13	Self-reported gait unsteadiness in mildly impaired neurological patients: an objective assessment through statistical gait analysis. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012, 9, 64.	2.4	36
14	Physical activity monitoring in obese people in the real life environment. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2009, 6, 47.	2.4	33
15	Functional Outcome of Meniscal-Bearing Total Ankle Replacement. <i>Journal of the American Podiatric Medical Association</i> , 2008, 98, 19-26.	0.2	21
16	Effectiveness of ultrasound-guided injections combined with shoulder exercises in the treatment of subacromial adhesive bursitis. <i>Musculoskeletal Surgery</i> , 2012, 96, 57-61.	0.7	17
17	Application of stereophotogrammetry to total body three-dimensional analysis of human tremor. <i>IEEE Transactions on Rehabilitation Engineering: A Publication of the IEEE Engineering in Medicine and Biology Society</i> , 1997, 5, 388-393.	1.4	15
18	Robotic Gait Training in an Adult With Cerebral Palsy: A Case Report. <i>PM and R</i> , 2010, 2, 71-75.	0.9	14

#	ARTICLE	IF	CITATIONS
19	Muscle Synergy Assessment During Single-Leg Stance. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2914-2922.	2.7	12
20	The role of augmented feedback in pediatric robotic-assisted gait training: A case series. Technology and Disability, 2010, 22, 215-227.	0.3	11
21	Effects of High-Frequency Proprioceptive Training on Single Stance Stability in Older Adults: Implications for Fall Prevention. BioMed Research International, 2019, 2019, 1-11.	0.9	10
22	Enhancing robotic gait training via augmented feedback. , 2010, 2010, 2271-4.		7
23	A new protocol for multi-segment trunk kinematics. , 2011, , .		5
24	Gait measures in patients with and without AFO for equinus varus/drop foot. , 2011, , .		5
25	Monitoring Step Activity During Task-Oriented Circuit Training in High-Functioning Chronic Stroke Survivors: A Proof-of-Concept Feasibility Study. Annals of Rehabilitation Medicine, 2016, 40, 989.	0.6	5
26	Postural Stability and Proprioception Abnormalities in Patients with Knee Osteoarthritis. Applied Sciences (Switzerland), 2021, 11, 1469.	1.3	3