Alicia Cuesta GÃ³mez

List of Publications by Year
in descending order

34 papers	732 citations	567281 15 h-index	580821 25 g-index
44 all docs	44 docs citations	44 times ranked	800 citing authors

#	Article	IF	Citations
1	Hybrid robotic systems for upper limb rehabilitation after stroke: A review. Medical Engineering and Physics, 2016, 38, 1279-1288.	1.7	69
2	Reliability of Kinovea® Software and Agreement with a Three-Dimensional Motion System for Gait Analysis in Healthy Subjects. Sensors, 2020, 20, 3154.	3.8	69
3	Leap motion controlled video game-based therapy for upper limb rehabilitation in patients with Parkinson's disease: a feasibility study. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 133.	4.6	65
4	Virtual reality and video games in cardiac rehabilitation programs. A systematic review. Disability and Rehabilitation, 2021, 43, 448-457.	1.8	65
5	Scales to Assess Gross Motor Function in Stroke Patients: A Systematic Review. Archives of Physical Medicine and Rehabilitation, 2014, 95, 1174-1183.	0.9	48
6	Effects of virtual reality associated with serious games for upper limb rehabilitation in patients with multiple sclerosis: randomized controlled trial. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 90.	4.6	44
7	Validity of a Fully-Immersive VR-Based Version of the Box and Blocks Test for Upper Limb Function Assessment in Parkinson's Disease. Sensors, 2020, 20, 2773.	3.8	39
8	The Impact of a Novel Immersive Virtual Reality Technology Associated with Serious Games in Parkinson's Disease Patients on Upper Limb Rehabilitation: A Mixed Methods Intervention Study. Sensors, 2020, 20, 2168.	3.8	36
9	Effects of Virtual Reality on Cardiac Rehabilitation Programs for Ischemic Heart Disease: A Randomized Pilot Clinical Trial. International Journal of Environmental Research and Public Health, 2020, 17, 8472.	2.6	29
10	Upper Limb Posture Estimation in Robotic and Virtual Reality-Based Rehabilitation. BioMed Research International, 2014, 2014, 1-18.	1.9	26
11	Low Latency Estimation of Motor Intentions to Assist Reaching Movements along Multiple Sessions in Chronic Stroke Patients: A Feasibility Study. Frontiers in Neuroscience, 2017, 11, 126.	2.8	23
12	Use of the Leap Motion Controller® System in the Rehabilitation of the Upper Limb in Stroke. A Systematic Review. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106174.	1.6	22
13	Thorax, pelvis and hip pattern in the frontal plane during walking in unilateral transtibial amputees: biomechanical analysis. Brazilian Journal of Physical Therapy, 2014, 18, 252-258.	2.5	21
14	Feasibility and Efficacy of a Virtual Reality Game-Based Upper Extremity Motor Function Rehabilitation Therapy in Patients with Chronic Stroke: A Pilot Study. International Journal of Environmental Research and Public Health, 2022, 19, 3381.	2.6	21
15	Gait Pattern in People with Multiple Sclerosis: A Systematic Review. Diagnostics, 2021, 11, 584.	2.6	20
16	The Use of Functional Electrical Stimulation on the Upper Limb and Interscapular Muscles of Patients with Stroke for the Improvement of Reaching Movements: A Feasibility Study. Frontiers in Neurology, 2017, 8, 186.	2.4	15
17	Neuroplasticity Modifications Following a Lower‐Limb Amputation: A Systematic Review. PM and R, 2019, 11, 1326-1334.	1.6	12
18	Weight Symmetry and Latency Scores for Unexpected Surface Perturbations in Subjects With Traumatic and Vascular Unilateral Transtibial Amputation. PM and R, 2016, 8, 235-240.	1.6	11

#	Article	IF	Citations
19	Automatic Outcome in Manual Dexterity Assessment Using Colour Segmentation and Nearest Neighbour Classifier. Sensors, 2018, 18, 2876.	3.8	10
20	Limits of stability in patients with vascular (due to diabetes) and nonvascular unilateral transtibial amputation: a cross-sectional study. International Journal of Rehabilitation Research, 2017, 40, 227-231.	1.3	7
21	Functional electrical stimulation improves reaching movement in the shoulder and elbow muscles of stroke patients: A three-dimensional motion analysis. Restorative Neurology and Neuroscience, 2019, 37, 231-238.	0.7	7
22	The Long-Term Maintenance of Upper Limb Motor Improvements Following Transcranial Direct Current Stimulation Combined with Rehabilitation in People with Stroke: A Systematic Review of Randomized Sham-Controlled Trials. Sensors, 2021, 21, 5216.	3.8	6
23	Reflex Locomotion Therapy for Balance, Gait, and Fatigue Rehabilitation in Subjects with Multiple Sclerosis. Journal of Clinical Medicine, 2022, 11, 567.	2.4	6
24	Nintendo Switch Joy-Consâ€™ Infrared Motion Camera Sensor for Training Manual Dexterity in People with Multiple Sclerosis: A Randomized Controlled Trial. Journal of Clinical Medicine, 2022, 11, 3261.	2.4	6
25	Evaluating A VR-based Box and Blocks Test for Automatic Assessment of Manual Dexterity: A Preliminary Study in Parkinsonâ€™s Disease. , 2019, , .		5
26	Testâ€"Retest Reliability of a Conventional Gait Model for Registering Joint Angles during Initial Contact and Toe-Off in Healthy Subjects. International Journal of Environmental Research and Public Health, 2021, 18, 1343.	2.6	5
27	Training With Wii Balance Board for Dynamic Balance in Older Adults. Topics in Geriatric Rehabilitation, 2020, 36, 79-85.	0.4	4
28	Validation of a Hybrid Exoskeleton for Upper Limb Rehabilitation. A Preliminary Study. Sensors, 2021, 21, 7342.	3.8	4
29	Reliability and agreement of the Nine Hole Peg Test in patients with unilateral spastic cerebral palsy. European Journal of Pediatrics, 2022, 181, 2283-2290.	2.7	4
30	Ankle muscle activation during the limits of stability test in subjects with chronic ankle instability. Physical Therapy in Sport, 2021, 47, 134-139.	1.9	3
31	Lower limb muscle activation during outdoor running: differences between sprinters, middle-distance and long-distance runners. Sports Biomechanics, 2021, , 1-12.	1.6	3
32	Examination of the reliability of Gait Assessment and Intervention Tool in patients with a stroke. International Journal of Rehabilitation Research, 2018, 41, 84-86.	1.3	2
33	Valoraciã³n de la efectividad de un protocolo de estimulaciã³n sensorial de la mano hemiparã©sica para la rehabilitaciã³n del control postural en pacientes con ictus crã³nico. Estudio piloto. Revista Colombiana De Mã©dicina Fãsica Y Rehabilitaciã³n, 2021, 30, 123-137.	0.0	0
34	Prediction of Communicative Disorders Linked to Autistic Spectrum Disorder Based on Early Psychomotor Analysis. Children, 2022, 9, 397.	1.5	0