

Roberto Cano-de-la-Cuerda

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,053
citations

218677

26
h-index

289244

40
g-index

110
all docs

110
docs citations

110
times ranked

2575
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinect Xbox 360 as a therapeutic modality for children with cerebral palsy in a school environment: A preliminary study. <i>NeuroRehabilitation</i> , 2013, 33, 513-521.	1.3	129
2	Pain in Parkinson disease: A review of the literature. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 285-294.	2.2	122
3	Is There Muscular Weakness in Parkinson's Disease?. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010, 89, 70-76.	1.4	91
4	A telerehabilitation program by virtual reality-video games improves balance and postural control in multiple sclerosis patients. <i>NeuroRehabilitation</i> , 2013, 33, 545-554.	1.3	86
5	Observational Gait Assessments in People With Neurological Disorders: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 131-140.	0.9	77
6	A Telerehabilitation Program Improves Postural Control in Multiple Sclerosis Patients: A Spanish Preliminary Study. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 5697-5710.	2.6	76
7	Hybrid robotic systems for upper limb rehabilitation after stroke: A review. <i>Medical Engineering and Physics</i> , 2016, 38, 1279-1288.	1.7	69
8	Virtual reality and video games in cardiac rehabilitation programs. A systematic review. <i>Disability and Rehabilitation</i> , 2021, 43, 448-457.	1.8	65
9	Combining muscle synergies and biomechanical analysis to assess gait in stroke patients. <i>Journal of Biomechanics</i> , 2017, 63, 98-103.	2.1	57
10	Effects of Virtual Reality versus Exercise on Pain, Functional, Somatosensory and Psychosocial Outcomes in Patients with Non-specific Chronic Neck Pain: A Randomized Clinical Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5950.	2.6	57
11	Teorías y modelos de control y aprendizaje motor. <i>Aplicaciones clínicas en neurorrehabilitación</i> . <i>Neurología</i> , 2015, 30, 32-41.	0.7	55
12	A Review of Robotics in Neurorehabilitation: Towards an Automated Process for Upper Limb. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-19.	1.9	53
13	Detecting intention to walk in stroke patients from pre-movement EEG correlates. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 113.	4.6	49
14	Effects of virtual reality associated with serious games for upper limb rehabilitation in patients with multiple sclerosis: randomized controlled trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 90.	4.6	44
15	Mobile phone applications in Parkinson's disease: a systematic review. <i>Neurología (English Edition)</i> , 2019, 34, 38-54.	0.4	42
16	Effectiveness of Serious Games for Leap Motion on the Functionality of the Upper Limb in Parkinson's Disease: A Feasibility Study. <i>Computational Intelligence and Neuroscience</i> , 2018, 2018, 1-17.	1.7	41
17	Axial rigidity and quality of life in patients with Parkinson's disease: a preliminary study. <i>Quality of Life Research</i> , 2011, 20, 817-823.	3.1	40
18	Aplicaciones móviles en la enfermedad de Parkinson: una revisión sistemática. <i>Neurología</i> , 2019, 34, 38-54.	0.7	39

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19	Validity of a Fully-Immersive VR-Based Version of the Box and Blocks Test for Upper Limb Function Assessment in Parkinson's Disease. <i>Sensors</i> , 2020, 20, 2773.	3.8	39
20	Empleo de sistemas de realidad virtual como método de propiocepción en parálisis cerebral: guía de práctica clínica. <i>Neurología</i> , 2014, 29, 550-559.	0.7	38
21	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. <i>Sensors</i> , 2020, 20, 2168.	3.8	36
22	Effects of a Game-Based Virtual Reality Video Capture Training Program Plus Occupational Therapy on Manual Dexterity in Patients with Multiple Sclerosis: A Randomized Controlled Trial. <i>Journal of Healthcare Engineering</i> , 2019, 2019, 1-7.	1.9	35
23	Quantitative Measurement of Rigidity in Parkinson's Disease: A Systematic Review. <i>Sensors</i> , 2020, 20, 880.	3.8	34
24	Programas de rehabilitación cardíaca y calidad de vida relacionada con la salud. Situación actual. <i>Revista Española De Cardiología</i> , 2012, 65, 72-79.	1.2	33
25	Effectiveness of the Bobath concept in the treatment of stroke: a systematic review. <i>Disability and Rehabilitation</i> , 2020, 42, 1636-1649.	1.8	32
26	Effects of Virtual Reality on Cardiac Rehabilitation Programs for Ischemic Heart Disease: A Randomized Pilot Clinical Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8472.	2.6	29
27	Apps en neurorrehabilitación. Una revisión sistemática de aplicaciones móviles. <i>Neurología</i> , 2018, 33, 313-326.	0.7	26
28	Low Latency Estimation of Motor Intentions to Assist Reaching Movements along Multiple Sessions in Chronic Stroke Patients: A Feasibility Study. <i>Frontiers in Neuroscience</i> , 2017, 11, 126.	2.8	23
29	Effects of Video-Game Based Therapy on Balance, Postural Control, Functionality, and Quality of Life of Patients with Subacute Stroke: A Randomized Controlled Trial. <i>Journal of Healthcare Engineering</i> , 2020, 2020, 1-11.	1.9	22
30	Thermal and mechanical pain thresholds in patients with fluctuating Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2012, 18, 953-957.	2.2	21
31	Use of a Single Wireless IMU for the Segmentation and Automatic Analysis of Activities Performed in the 3-m Timed Up & Go Test. <i>Sensors</i> , 2019, 19, 1647.	3.8	20
32	Trunk Range of Motion Is Related to Axial Rigidity, Functional Mobility and Quality of Life in Parkinson's Disease: An Exploratory Study. <i>Sensors</i> , 2020, 20, 2482.	3.8	18
33	Deep Tissue Hypersensitivity to Pressure Pain in Individuals with Unilateral Acute Inversion Ankle Sprain. <i>Pain Medicine</i> , 2012, 13, 361-367.	1.9	17
34	Comparison of Stability Limits in Men With Traumatic Transtibial Amputation and a Nonamputee Control Group. <i>PM and R</i> , 2015, 7, 123-129.	1.6	17
35	Prediction models of health-related quality of life in different neck pain conditions: a cross-sectional study. <i>Patient Preference and Adherence</i> , 2018, Volume 12, 657-666.	1.8	15
36	Construct validity of the Wisconsin Gait Scale in acute, subacute and chronic stroke. <i>Gait and Posture</i> , 2019, 68, 363-368.	1.4	15

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37	Analgesic effects of a capacitive-resistive monopolar radiofrequency in patients with myofascial chronic neck pain: a pilot randomized controlled trial. <i>Revista Da Associação Médica Brasileira</i> , 2019, 65, 156-164.	0.7	14
38	Construct validity and test-retest reliability of a free mobile application for spatio-temporal gait analysis in Parkinson's disease patients. <i>Gait and Posture</i> , 2020, 79, 86-91.	1.4	14
39	Emerging Perspectives in Stroke Rehabilitation. <i>Biosystems and Birobotics</i> , 2014, , 3-21.	0.3	14
40	Axial rigidity is related to the risk of falls in patients with Parkinson's disease. <i>NeuroRehabilitation</i> , 2017, 40, 569-577.	1.3	13
41	Multiple sclerosis patients' experiences in relation to the impact of the kinect virtual home-exercise programme: a qualitative study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2016, 52, 347-55.	2.2	13
42	Effects of vibrotherapy on postural control, functionality and fatigue in multiple sclerosis patients: A randomised clinical trial. <i>Neurologia (English Edition)</i> , 2012, 27, 143-153.	0.4	11
43	Empleo de un video juego como herramienta terapéutica en adultos con parálisis cerebral tipo tetraparesia espástica. Estudio piloto. <i>Fisioterapia</i> , 2012, 34, 23-30.	0.2	11
44	Psychometric Properties of a Mobile Application to Measure the Craniovertebral Angle a Validation and Reliability Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6521.	2.6	11
45	Cortical activity during sensorial tactile stimulation in healthy adults through Vojta therapy. A randomized pilot controlled trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 13.	4.6	11
46	Postural Assessment Scale for Stroke Patients in Acute, Subacute and Chronic Stage: A Construct Validity Study. <i>Diagnostics</i> , 2021, 11, 365.	2.6	9
47	Wearable Robotic Gait Training in Persons with Multiple Sclerosis: A Satisfaction Study. <i>Sensors</i> , 2021, 21, 4940.	3.8	9
48	Walking Ability Outcome Measures in Individuals with Spinal Cord Injury: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9517.	2.6	9
49	Isokinetic dynamometry as a technologic assessment tool for trunk rigidity in Parkinson's disease patients. <i>NeuroRehabilitation</i> , 2014, 35, 493-501.	1.3	8
50	Reliability and Minimal Detectable Change in the Gait Assessment and Intervention Tool in Patients With Multiple Sclerosis. <i>PM and R</i> , 2020, 12, 685-691.	1.6	8
51	Spanish Cross-cultural Adaptation of the Gait Assessment and Intervention Tool. <i>PM and R</i> , 2019, 11, 954-962.	1.6	7
52	Video Game-Based Therapy on Balance and Gait of Patients with Stroke: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6426.	2.5	7
53	Comparative study of observed actions, motor imagery and control therapeutic exercise on the conditioned pain modulation in the cervical spine: a randomized controlled trial. <i>Somatosensory & Motor Research</i> , 2020, 37, 138-148.	0.9	7
54	Droling, Swallowing Difficulties and Health Related Quality of Life in Parkinson's Disease Patients. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8138.	2.6	7

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55	Nintendo Switch Joy-Cons™ Infrared Motion Camera Sensor for Training Manual Dexterity in People with Multiple Sclerosis: A Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 3261.	2.4	6
56	The impact of pharmacological treatment on patients with multiple sclerosis. <i>Disability and Health Journal</i> , 2019, 12, 615-621.	2.8	5
57	Efectos de los estímulos auditivos en la fase de iniciación de la marcha y de giro en pacientes con enfermedad de Parkinson. <i>Neurología</i> , 2019, 34, 396-407.	0.7	5
58	Aplicaciones móviles en la parálisis cerebral infantil. <i>Neurología</i> , 2021, 36, 135-148.	0.7	5
59	Citation Network Study on the Use of New Technologies in Neurorehabilitation. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 26.	2.6	5
60	Effects of Intensive Vibratory Treatment with a Robotic System on the Recovery of Sensation and Function in Patients with Subacute and Chronic Stroke: A Non-Randomized Clinical Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 3572.	2.4	5
61	Efectividad de los estímulos sensoriales sobre los trastornos de la marcha en pacientes con enfermedad de Parkinson. Estudio piloto. <i>Fisioterapia</i> , 2012, 34, 4-10.	0.2	4
62	Nuevas tecnologías en la reeducación de la marcha en pacientes con lesión medular incompleta. Una revisión sistemática. <i>Rehabilitacion</i> , 2015, 49, 90-101.	0.4	4
63	Eficacia del sistema robótico de entrenamiento de la marcha tipo Lokomat en la rehabilitación de pacientes con lesión medular incompleta. Una revisión sistemática. <i>Rehabilitacion</i> , 2017, 51, 182-190.	0.4	4
64	Construct Validity of the Gait Assessment and Intervention Tool (<sc>GAIT</sc>) in People With Multiple Sclerosis. <i>PM and R</i> , 2021, 13, 307-313.	1.6	4
65	Mobile applications in children with cerebral palsy. <i>Neurología (English Edition)</i> , 2021, 36, 135-148.	0.4	4
66	An sEMG-Controlled Forearm Bracelet for Assessing and Training Manual Dexterity in Rehabilitation: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2022, 11, 3119.	2.4	4
67	Effectiveness of Therapeutic Education and Respiratory Rehabilitation Programs for the Patient with Asthma. <i>Archivos De Bronconeumología</i> , 2010, 46, 600-606.	0.8	3
68	Modular control of mediolateral postural sway. , 2012, 2012, 3632-5.		3
69	Widespread Pressure Pain Hyperalgesia Is Not Related to Pain in Patients with Parkinson's Disease. <i>Pain Medicine</i> , 2020, 21, 232-238.	1.9	3
70	Proverbs and Aphorisms in Neurorehabilitation: A Literature Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9240.	2.6	3
71	Innate Muscle Patterns Reproduction During Afferent Somatosensory Input With Vojta Therapy in Healthy Adults. A Randomized Controlled Trial. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 2232-2241.	4.9	3
72	Application of the Gait Deviation Index to Study Gait Impairment in Adult Population With Spinal Cord Injury: Comparison With the Walking Index for Spinal Cord Injury Levels. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 826333.	2.0	3

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73	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
74	Influential Women in the Field of Neurological Rehabilitation: A Literature Review. International Journal of Environmental Research and Public Health, 2022, 19, 1112.	2.6	2
75	Fuerza de las extremidades inferiores, parámetros y ayudas para la marcha en pacientes con secuelas de la poliomielitis. Rehabilitacion, 2005, 39, 159-166.	0.4	1
76	Valoración manual de la fuerza muscular frente a dinamometría instrumental. Rehabilitacion, 2008, 42, 260-261.	0.4	1
77	Effects of auditory cues on gait initiation and turning in patients with Parkinson's disease. Neurología (English Edition), 2019, 34, 396-407.	0.4	1
78	Spanish Cross-Cultural Adaptation of the Wisconsin Gait Scale. International Journal of Environmental Research and Public Health, 2021, 18, 6903.	2.6	1
79	Exoesqueletos portables en personas con lesión medular. Revisión sistemática. Revista De Investigación Y Educación En Ciencias De La Salud (RIECS), 2020, 5, 86-105.	0.0	1
80	Effects of EMG-Controlled Video Games on the Upper Limb Functionality in Patients with Multiple Sclerosis: A Feasibility Study and Development Description. Computational Intelligence and Neuroscience, 2022, 2022, 1-16.	1.7	1
81	Predictive Validity of the Postural Assessment Scale for Stroke (PASS) to Classify the Functionality in Stroke Patients: A Retrospective Study. Journal of Clinical Medicine, 2022, 11, 3771.	2.4	1
82	Muscle Synergies Underlying Voluntary Anteroposterior Sway Movements. IFMBE Proceedings, 2014, , 738-741.	0.3	0