

# Alejandro GalÃ¡n-Mercant

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

740  
citations

840776

11  
h-index

552781

26  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1178  
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of inertial sensors system for human motion analysis. <i>Physical Therapy Reviews</i> , 2010, 15, 462-473.	0.8	268
2	Functional Capacity and Levels of Physical Activity in Aging: A 3-Year Follow-up. <i>Frontiers in Medicine</i> , 2017, 4, 244.	2.6	58
3	Reliability and criterion-related validity with a smartphone used in timed-up-and-go test. <i>BioMedical Engineering OnLine</i> , 2014, 13, 156.	2.7	56
4	Differences in trunk accelerometry between frail and non-frail elderly persons in functional tasks. <i>BMC Research Notes</i> , 2014, 7, 100.	1.4	51
5	Differences in Trunk Accelerometry Between Frail and Nonfrail Elderly Persons in Sit-to-Stand and Stand-to-Sit Transitions Based on a Mobile Inertial Sensor. <i>JMIR MHealth and UHealth</i> , 2013, 1, e21.	3.7	42
6	Clinical frailty syndrome assessment using inertial sensors embedded in smartphones. <i>Physiological Measurement</i> , 2015, 36, 1929-1942.	2.1	39
7	Mobile Romberg test assessment (mRomberg). <i>BMC Research Notes</i> , 2014, 7, 640.	1.4	37
8	Anthropometric, Cardiopulmonary and Metabolic Benefits of the High-Intensity Interval Training Versus Moderate, Low-Intensity or Control for Type 2 Diabetes: Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4524.	2.6	28
9	Differences in Trunk Kinematic between Frail and Nonfrail Elderly Persons during Turn Transition Based on a Smartphone Inertial Sensor. <i>BioMed Research International</i> , 2013, 2013, 1-6.	1.9	17
10	Ultrasound Muscle Assessment and Nutritional Status in Institutionalized Older Adults: A Pilot Study. <i>Nutrients</i> , 2019, 11, 1247.	4.1	16
11	Muscle thickness contribution to sit-to-stand ability in institutionalized older adults. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 1477-1483.	2.9	16
12	Systematic Review of Therapeutic Physical Exercise in Patients with Amyotrophic Lateral Sclerosis over Time. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1074.	2.6	15
13	Effectiveness of Stretching in Post-Stroke Spasticity and Range of Motion: Systematic Review and Meta-Analysis. <i>Journal of Personalized Medicine</i> , 2021, 11, 1074.	2.5	14
14	Continuous Positive Airway Pressure Treatment in Patients with Alzheimer's Disease: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 181.	2.4	10
15	Assessing physical activity and functional fitness level using convolutional neural networks. <i>Knowledge-Based Systems</i> , 2019, 185, 104939.	7.1	9
16	Muscle Thickness and Echo Intensity by Ultrasonography and Cognitive and Physical Dimensions in Older Adults. <i>Diagnostics</i> , 2021, 11, 1471.	2.6	7
17	Spanish cross-cultural adaptation and validation of the Australian Pelvic Floor Questionnaire in running women. <i>Scientific Reports</i> , 2022, 12, 8325.	3.3	7
18	Inter-rater and intra-rater reliability of the extended TUG test in elderly participants. <i>BMC Geriatrics</i> , 2020, 20, 56.	2.7	6

#	ARTICLE	IF	CITATIONS
19	Mobile Jump Assessment (mJump): A Descriptive and Inferential Study. JMIR Rehabilitation and Assistive Technologies, 2015, 2, e7.	2.2	6
20	Effectiveness of Global Postural Reeducation in Ankylosing Spondylitis: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2020, 9, 2696.	2.4	5
21	Effects of High-Intensity Interval Training on Inflammatory Biomarkers in Patients with Type 2 Diabetes. A Systematic Review. International Journal of Environmental Research and Public Health, 2021, 18, 12644.	2.6	5
22	Effectiveness of Global Postural Re-Education in Chronic Non-Specific Low Back Pain: Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 5327.	2.4	3
23	Physical Activity Promotion Programmes in Childhood Cancer Patients and Their Impact on Fatigue and Pain: A Systematic Review. Children, 2021, 8, 1119.	1.5	3
24	Effect of Blood Flow Restriction on Functional, Physiological and Structural Variables of Muscle in Patients with Chronic Pathologies: A Systematic Review. International Journal of Environmental Research and Public Health, 2022, 19, 1160.	2.6	3
25	Analysis of Structural Characteristics and Psychometric Properties of the SarQoL® Questionnaire in Different Languages: A Systematic Review. International Journal of Environmental Research and Public Health, 2022, 19, 4561.	2.6	3
26	Criterion-Related Validity of the Foot Health Status Questionnaire Regarding Strength and Plantar Pressure Measurements in Elderly People. Foot and Ankle Specialist, 2012, 5, 366-373.	1.0	2
27	KINEMATIC ANALYSIS BY GENDER IN DIFFERENT JUMP TESTS BASED ON A SMARTPHONE INERTIAL SENSOR. Revista Brasileira De Medicina Do Esporte, 2018, 24, 263-267.	0.2	2
28	Spanish Questionnaires for the Assessment of Pelvic Floor Dysfunctions in Women: A Systematic Review of the Structural Characteristics and Psychometric Properties. International Journal of Environmental Research and Public Health, 2021, 18, 12858.	2.6	2
29	Contribution of Physical Fitness Component to Health Status in Elderly Males and Females over 60 years – Short Report. South African Journal of Physiotherapy, 2012, 68, .	0.7	1
30	Detección precoz de la fragilidad, tecnología aplicada al movimiento humano para la prevención de la discapacidad. Fisioterapia, 2017, 39, 135-136.	0.2	1
31	Effectiveness of a multicomponent workout program integrated in an evidence based multimodal program in hyperfrail elderly patients: POWERAGING randomized clinical trial protocol. BMC Geriatrics, 2019, 19, 171.	2.7	1
32	A FORMATIVE EXPERIENCE IN REALITY AUGMENTED WITH PHYSIOTHERAPY DEGREE STUDENTS. EDULEARN Proceedings, 2019, , .	0.0	1
33	Kinematic Mobile Drop Jump Analysis at Different Heights Based on a Smartphone Inertial Sensor. Journal of Human Kinetics, 2020, 73, 57-65.	1.5	1
34	Kinematic analysis of ambulation comparing obese and normal-weight people. Physiotherapy, 2016, 102, e17.	0.4	0
35	Analysis between frail and non frail elderly persons in gait parameters based on a mobile inertial sensor. Physiotherapy, 2016, 102, e151.	0.4	0
36	REDUCTION OF THE GRADE OF UNCERTAINTY OF NURSING AND PHYSIOTHERAPY STUDENTS IN THE DEVELOPMENT OF THE FINAL PROJECT DEGREE AND MASTER'S THESIS. EDULEARN Proceedings, 2019, , .	0.0	0

#	ARTICLE	IF	CITATIONS
37	AUDIOVISUAL INSTRUCTIONAL RESOURCES TO OPTIMIZE LEARNING IN THE SUBJECT «SPECIFIC METHODS OF INTERVENTION IN PHYSIOTHERAPY II». INTED Proceedings, 2020, , .	0.0	0