Jm Cancela

List of Publications by Year in descending order

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304743 276875 2,231 148 22 41 citations h-index g-index papers 167 167 167 3049 times ranked docs citations citing authors all docs

#	Article	IF	CITATIONS
1	Transformation of local Ca2+ spikes to global Ca2+ transients: the combinatorial roles of multiple Ca2+ releasing messengers. EMBO Journal, 2002, 21, 909-919.	7.8	166
2	Population-based multicase-control study in common tumors in Spain (MCC-Spain): rationale and study design. Gaceta Sanitaria, 2015, 29, 308-315.	1.5	158
3	Physical Exercise in MCI Elderly Promotes Reduction of Pro-Inflammatory Cytokines and Improvements on Cognition and BDNF Peripheral Levels. Current Alzheimer Research, 2014, 11, 799-805.	1.4	150
4	Lifestyle and Health among Spanish University Students: Differences by Gender and Academic Discipline. International Journal of Environmental Research and Public Health, 2012, 9, 2728-2741.	2.6	92
5	Effects of two different intensities of aerobic exercise on elderly people with mild cognitive impairment: a randomized pilot study. Clinical Rehabilitation, 2012, 26, 442-450.	2.2	83
6	Uso problemático de internet en estudiantes universitarios: factores asociados y diferencias de género. Revista De Psicologia De La Salud, 2015, 27, 265.	0.5	74
7	New Ca2+-releasing messengers: are they important in the nervous system?. Trends in Neurosciences, 1999, 22, 488-495.	8.6	73
8	Effect of a multimodal exercise program on sleep disturbances and instrumental activities of daily living performance on <scp>P</scp> arkinson's and <scp>A</scp> lzheimer's disease patients. Geriatrics and Gerontology International, 2014, 14, 259-266.	1.5	71
9	Effects of a long-term aerobic exercise intervention on institutionalized patients with dementia. Journal of Science and Medicine in Sport, 2016, 19, 293-298.	1.3	66
10	Feasibility of 2 Different Water-Based Exercise Training Programs in Patients With Parkinson's Disease: A Pilot Study. Archives of Physical Medicine and Rehabilitation, 2012, 93, 1709-1714.	0.9	50
11	Effects of High-Intensity Combined Training on Women over 65. Gerontology, 2007, 53, 340-346.	2.8	42
12	Intracellular glucose switches between cyclic ADP-ribose and inositol trisphosphate triggering of cytosolic Ca2+ spiking. Current Biology, 1998, 8, 865-868.	3.9	34
13	The effects of different types of physical exercise on physical and cognitive function in frail institutionalized older adults with mild to moderate cognitive impairment. A randomized controlled trial. Archives of Gerontology and Geriatrics, 2019, 83, 223-230.	3.0	33
14	Psychological Distress, Family Support and Employment Status in First-Year University Students in Spain. International Journal of Environmental Research and Public Health, 2019, 16, 1209.	2.6	32
15	Immersive virtual reality as physical therapy in older adults: present or future (systematicÂreview). Virtual Reality, 2021, 25, 801-817.	6.1	32
16	Effects of Pilates method in physical fitness on older adults. A systematic review. European Review of Aging and Physical Activity, 2014, 11, 81-94.	2.9	31
17	Effects of two different exercise programs on gait parameters in individuals with Parkinson's disease: A pilot study. Gait and Posture, 2014, 39, 648-651.	1.4	30
18	Differences in the Contractile Properties of the Knee Extensor and Flexor Muscles in Professional Road Cyclists During the Season. Journal of Strength and Conditioning Research, 2013, 27, 2760-2767.	2.1	29

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19	Co-ordination of Ca2+ signalling in mammalian cells by the new Ca2+-releasing messenger NAADP. Pflugers Archiv European Journal of Physiology, 2003, 446, 322-327.	2.8	27
20	Benefits of Physical Exercise for Older Adults With Alzheimer's Disease. Geriatric Nursing, 2008, 29, 384-391.	1.9	27
21	Drug use, family support and related factors in university students. A cross-sectional study based on the uniHcos Project data. Gaceta Sanitaria, 2019, 33, 141-147.	1.5	26
22	Problematic Internet Use in University Students: associated factors and differences of gender. Revista De Psicologia De La Salud, 2015, 27, 265-75.	0.5	26
23	Efficacy of Brain Gym Training on the Cognitive Performance and Fitness Level of Active Older Adults: A Preliminary Study. Journal of Aging and Physical Activity, 2015, 23, 653-658.	1.0	23
24	Neuromuscular Profile of Top-Level Women Kayakers Assessed Through Tensiomyography. Journal of Strength and Conditioning Research, 2015, 29, 844-853.	2.1	23
25	Reliability of Two Field-Based Tests for Measuring Cardiorespiratory Fitness in Preschool Children. Journal of Strength and Conditioning Research, 2015, 29, 2874-2880.	2.1	23
26	Effect of a Mat Pilates Program with TheraBand on Dynamic Balance in Patients with Parkinson's Disease: Feasibility Study and Randomized Controlled Trial. Rejuvenation Research, 2018, 21, 423-430.	1.8	23
27	Relationships Between Body Mass Index and Static and Dynamic Balance in Active and Inactive Older Adults. Journal of Geriatric Physical Therapy, 2019, 42, E85-E90.	1.1	21
28	Hábitos no saludables y práctica de actividad fÃsica en estudiantes universitarios españoles: papel del género, perfil académico y convivencia. Revista De Psicologia De La Salud, 2012, 24, 319.	0.5	21
29	The Senior Fitness Test as a functional measure in Parkinson's disease: A pilot study. Parkinsonism and Related Disorders, 2012, 18, 170-173.	2.2	20
30	Influence of cognitive impairment on fall risk among elderly nursing home residents. International Psychogeriatrics, 2016, 28, 1975-1987.	1.0	20
31	Immersive Virtual Reality Exergame Promotes the Practice of Physical Activity in Older People: An Opportunity during COVID-19. Multimodal Technologies and Interaction, 2021, 5, 52.	2.5	20
32	Evaluation of the psychometric properties and clinical applications of the Timed Up and Go test in Parkinson disease: a systematic review. Journal of Exercise Rehabilitation, 2020, 16, 302-312.	1.0	20
33	Batteries assessing health related fitness in the elderly: a brief review. European Review of Aging and Physical Activity, 2008, 5, 97-105.	2.9	19
34	Effects of Three Different Chair-Based Exercise Programs on People Older Than 80 Years. Rejuvenation Research, 2017, 20, 411-419.	1.8	19
35	Reliability of Sargent Jump Test in 4- to 5-Year-Old Children. Perceptual and Motor Skills, 2017, 124, 39-57.	1.3	19
36	Influence of the cognitive impairment level on the performance of the Timed "Up & Go―Test (TUG) in elderly institutionalized people. Archives of Gerontology and Geriatrics, 2013, 56, 44-49.	3.0	18

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37	Effects of aquatic exercise on persons with Parkinson's disease: A preliminary study. Science and Sports, 2012, 27, 300-304.	0.5	17
38	Involvement of cAMP in the Regulation of High Affinity Choline Uptake by Rat Brain Synaptosomes. Biochemical and Biophysical Research Communications, 1995, 213, 944-949.	2.1	16
39	Correlation between the Yale Physical Activity Survey (YPAS) and a submaximal performance-based test: A study in a population of elderly Spanish women. Archives of Gerontology and Geriatrics, 2012, 55, 31-34.	3.0	16
40	Relationships between Fitness Status and Match Running Performance in Adult Women Soccer Players: A Cohort Study. Medicina (Lithuania), 2021, 57, 617.	2.0	16
41	Effectiveness of water-based exercise in people living with Parkinson's disease: a systematic review. European Review of Aging and Physical Activity, 2014, 11, 107-118.	2.9	15
42	Effects of physical activity on the <scp>P</scp> 300 component in elderly people: a systematic review. Psychogeriatrics, 2017, 17, 479-487.	1.2	14
43	Wearable Immersive Virtual Reality Device for Promoting Physical Activity in Parkinson's Disease Patients. Sensors, 2022, 22, 3302.	3.8	13
44	Feasibility and Efficacy of Mat Pilates on People with Mild-to-Moderate Parkinson's Disease: A Preliminary Study. Rejuvenation Research, 2018, 21, 109-116.	1.8	12
45	Pressure biofeedback unit to assess and train lumbopelvic stability in supine individuals with chronic low back pain. Journal of Physical Therapy Science, 2019, 31, 755-759.	0.6	12
46	Effects of a High-Intensity Progressive-Cycle Program on Quality of Life and Motor Symptomatology in a Parkinson's Disease Population: A Pilot Randomized Controlled Trial. Rejuvenation Research, 2020, 23, 508-515.	1.8	12
47	Association between motor competence and Functional Movement Screen scores. PeerJ, 2019, 7, e7270.	2.0	12
48	Effects of Water-Based Exercise Training on the Cognitive Function and Quality of Life of Healthy Adult Women. Journal of Physical Activity and Health, 2017, 14, 899-904.	2.0	11
49	Self-Paced Cycling Improves Cognition on Institutionalized Older Adults Without Known Cognitive Impairment: A 15-Month Randomized Controlled Trial. Journal of Aging and Physical Activity, 2018, 26, 614-623.	1.0	11
50	Exploring the Determinants of Repeated-Sprint Ability in Adult Women Soccer Players. International Journal of Environmental Research and Public Health, 2021, 18, 4595.	2.6	11
51	Analysis of Gait for Disease Stage in Patients with Parkinson's Disease. International Journal of Environmental Research and Public Health, 2021, 18, 720.	2.6	11
52	Unhealthy habits and practice of physical activity in Spanish college students: the role of gender, academic profile and living situation. Revista De Psicologia De La Salud, 2012, 24, 319-27.	0.5	10
53	T-Pattern Detection in Judo Combat: An Approach to Training Male Judokas with Visual Impairments According to Their Weight Category. International Journal of Sports Science and Coaching, 2013, 8, 385-394.	1.4	9
54	Reliability and convergent validity of the 6-min run test in young adults with Down syndrome. Disability and Health Journal, 2017, 10, 105-113.	2.8	9

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55	Immersive Virtual Reality as a Novel Physical Therapy Approach for Nonagenarians: Usability and Effects on Balance Outcomes of a Game-Based Exercise Program. Journal of Clinical Medicine, 2022, 11, 3911.	2.4	9
56	Are Male Judokas with Visual Impairments Training Properly? Findings from an Observational Study. Journal of Visual Impairment and Blindness, 2012, 106, 224-234.	0.7	8
57	Changes in Wheelchair Basketball Performance Indicators throughout a Regular Season: a pilot study. International Journal of Performance Analysis in Sport, 2014, 14, 852-865.	1.1	8
58	Effects of Physical Exercise on the P300 of Elderly With Alzheimer's Disease. Journal of Physical Activity and Health, 2018, 15, 403-410.	2.0	8
59	Effects of Functional-Task Training on Older Adults With Alzheimer's Disease. Journal of Aging and Physical Activity, 2018, 26, 97-105.	1.0	8
60	Muscle strength training program in nonagenarians – a randomized controlled trial. Revista Da Associação Médica Brasileira, 2019, 65, 851-856.	0.7	8
61	Can Immersive Virtual Reality Videogames Help Parkinson's Disease Patients? A Case Study. Sensors, 2021, 21, 4825.	3.8	8
62	Potential Benefits of Non-Pharmacological Therapies in Fibromyalgia. Open Rheumatology Journal, 2008, 2, 1-6.	0.2	8
63	SELECTION OF TALENTS IN HANDBALL: ANTHROPOMETRIC AND PERFORMANCE ANALYSIS. Revista Brasileira De Medicina Do Esporte, 2017, 23, 361-365.	0.2	7
64	Water-based exercise for adults with Down syndrome: Findings from a preliminary study. International Journal of Therapy and Rehabilitation, 2018, 25, 20-28.	0.3	7
65	Physical fitness and executive functions in adolescents: cross-sectional associations with academic achievement. Journal of Physical Therapy Science, 2019, 31, 556-562.	0.6	7
66	Variations of Workload Indices Prior to Injuries: A Study in Trail Runners. International Journal of Environmental Research and Public Health, 2020, 17, 4037.	2.6	7
67	Effect of physical exercise on cognitive function in older adults' carriers versus noncarriers of apolipoprotein E4: systematic review and meta-analysis. Journal of Exercise Rehabilitation, 2021, 17, 69-80.	1.0	7
68	Reliability and Validity of Physical Fitness Fieldâ€Based Tests in Down Syndrome: A Systematic Review. Journal of Policy and Practice in Intellectual Disabilities, 2016, 13, 142-156.	2.7	6
69	Treadmill training combined with water and land-based exercise programs: Effects on Parkinson's disease patients. NeuroRehabilitation, 2016, 39, 295-299.	1.3	6
70	Performance and Training Load Profiles in Recreational Male Trail Runners: Analyzing Their Interactions during Competitions. International Journal of Environmental Research and Public Health, 2020, 17, 8902.	2.6	6
71	Traducci \tilde{A}^3 n y adaptaci \tilde{A}^3 n transcultural al espa $\tilde{A}\pm$ ol del Simulator Sickness Questionnaire (Translation) Tj ETQq1 503-509.	1 0.7843 0.3	14 rgBT /Ove
72	Most Frequent Errors in Judo Uki Goshi Technique and the Existing Relations among Them Analysed through T-Patterns. Journal of Sports Science and Medicine, 2009, 8, 36-46.	1.6	6

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73	Validity of a combined fibromyalgia (FM) questionnaires to asses physical activity levels in Spanish elderly women: An experimental approach. Archives of Gerontology and Geriatrics, 2011, 52, e56-e59.	3.0	5
74	An evaluation of questionnaires assessing physical activity levels in youth populations. Journal of Child Health Care, 2013, 17, 274-293.	1.4	5
75	Academic Performance of Young Competitive Swimmers is Associated With Physical Activity Intensity and Its Predominant Metabolic Pathway: A Pilot Study. Journal of Physical Activity and Health, 2014, 11, 1415-1419.	2.0	5
76	Validity and Reliability of 2 Upper-Body Strength Tests for Preschool Children. Journal of Strength and Conditioning Research, 2014, 28, 3224-3233.	2.1	5
77	Abdominal muscle activity and pelvic motion according to active straight leg raising test results in adults with and without chronic low back pain. Musculoskeletal Science and Practice, 2020, 50, 102245.	1.3	5
78	Menstrual Problems and Lifestyle among Spanish University Women. International Journal of Environmental Research and Public Health, 2020, 17, 7425.	2.6	5
79	Reasons Why Older Adults Engage in Physical Exercise. Comparative Study Eastern Europe Versus Southern Europe. Journal of Aging and Physical Activity, 2021, 29, 43-50.	1.0	5
80	Benefits of STRENOLD Program on Health-Related Quality of Life in Adults Aged 60 Years or Older. In Common Sport Study. International Journal of Environmental Research and Public Health, 2021, 18, 3253.	2.6	5
81	The Relationship between Health Perception and Health Predictors among the Elderly across European Countries. International Journal of Environmental Research and Public Health, 2021, 18, 4053.	2.6	5
82	Therapeutic Aquatic Exercise in Pregnancy: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2022, 11, 501.	2.4	5
83	Effects of Cycling Dual-Task on Cognitive and Physical Function in Parkinson's Disease: A Randomized Double-Blind Pilot Study. International Journal of Environmental Research and Public Health, 2022, 19, 7847.	2.6	5
84	Profile and working expectations of Spanish physical education university students. Procedia, Social and Behavioral Sciences, 2010, 2, 2487-2491.	0.5	4
85	ExercÃcios fÃsicos generalizados capacidade funcional e sintomas depressivos em idosos. Revista Brasileira De Cineantropometria E Desempenho Humano, 2013, 15, .	0.5	4
86	Construct Validity of the Spanish Version of the CHAMPS Questionnaire for institutionalized patients over 65 years old. Motriz Revista De Educacao Fisica, 2017, 23, 81-87.	0.2	4
87	Factors Associated with Meat Consumption in Students of Spanish Universities: UniHcos Project. International Journal of Environmental Research and Public Health, 2019, 16, 3924.	2.6	4
88	The Long-Term Benefits of a Multicomponent Physical Activity Program to Body Composition, Muscle Strength, Cardiorespiratory Capacity, and Bone Mineral Density in a Group of Nonagenarians. Rejuvenation Research, 2020, 23, 217-223.	1.8	4
89	Effect of Instability and Bodyweight Neuromuscular Training on Dynamic Balance Control in Active Young Adults. International Journal of Environmental Research and Public Health, 2020, 17, 8879.	2.6	4
90	Functional Training in Portuguese Firefighters. Journal of Occupational and Environmental Medicine, 2021, 63, e169-e176.	1.7	4

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91	Physical fitness in Spanish naval cadets. A four-year study. International Maritime Health, 2021, 72, 10-17.	0.7	4
92	The relationship between physical fitness and academic performance in Spanish secondary education students: A longitudinal study. Cultura, Ciencia Y Deporte, 2016, 11, 7-16.	0.2	4
93	Effects of Water-Based and Callisthenic Exercise on Freezing of Gait, Postural Control, and Functional Independence in Patients With Mild to Moderate Parkinson Disease. Topics in Geriatric Rehabilitation, 2015, 31, 152-158.	0.4	3
94	Anthropometric analysis and performance characteristics to predict selection in young male and female handball players. Motriz Revista De Educacao Fisica, 2016, 22, 283-289.	0.2	3
95	The influence of winter and summer seasons on physical fitness in aged population. Archives of Gerontology and Geriatrics, 2018, 76, 80-84.	3.0	3
96	Association Between Somatotype Profile and Health-Related Physical Fitness in Special Police Unit. Journal of Occupational and Environmental Medicine, 2019, 61, e51-e55.	1.7	3
97	Combining a Cognitive Concurrent Task with a Motor or Motor-Cognitive Task: Which Is Better to Differentiate Levels of Affectation in Parkinson's Disease?. Parkinson's Disease, 2020, 2020, 1-10.	1.1	3
98	Associations between Physical Status and Training Load in Women Soccer Players. International Journal of Environmental Research and Public Health, 2021, 18, 10015.	2.6	3
99	Validez de Constructo del Cuestionario Internacional de Actividad FÃsica en Universitarios Españoles. Revista Iberoamericana De Diagnostico Y Evaluacion Psicologica, 2019, 52, .	0.1	3
100	Symbol Digit Modalities Test: normative values for Spanish home care residents: a pilot study. Actas Espanolas De Psiquiatria, 2012, 40, 299-303.	0.1	3
101	Health-Related Functional Fitness within the Elderly Communities of Five European Countries: The in Common Sports Study. International Journal of Environmental Research and Public Health, 2021, 18, 12810.	2.6	3
102	Effects of High Intensity Training on Elderly Women: A Pilot Study. Physical and Occupational Therapy in Geriatrics, 2008, 27, 160-169.	0.4	2
103	Methodological issues when analysing the role of physical activity in gastric cancer prevention: a critical review. European Review of Aging and Physical Activity, 2013, 10, 7-13.	2.9	2
104	Efectos del ejercicio fÃsico y pautas básicas para su prescripción en la enfermedad de Alzheimer. Revista Andaluza De Medicina Del Deporte, 2016, 9, 32-40.	0.1	2
105	Motor Competence and Body Composition in young adults: An exploratory study. Obesity Medicine, 2019, 14, 100087.	0.9	2
106	Aplicación de un programa de ejercicios con atención focalizada en 2 pacientes afectados por sÃndrome de Parkinson-plus. Fisioterapia, 2020, 42, 51-55.	0.2	2
107	Fiabilidad y Validez de la BaterÃa TGMD-2 en Población Española. Revista Iberoamericana De Diagnostico Y Evaluacion Psicologica, 2019, 50, .	0.1	2

Realidad Virtual Inmersiva en personas mayores: estudio de casos (Immersive Virtual Reality in older) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5

#	Article	IF	CITATIONS
109	The use of adapted boxing as a rehabilitation strategy in people with diverse health conditions: a systematic review. European Journal of Adapted Physical Activity, 2020, 13, 6-6.	0.5	2
110	Quality Management of Olympic, Non-Olympic and Paralympic Sport Federations. Journal of Sports Research, 2015, 2, 141-151.	0.3	2
111	Efectos de la ingesta de naringina en combinaci $ ilde{A}^3$ n con el ejercicio sobre respuestas cl $ ilde{A}$ nicas: una revisi $ ilde{A}^3$ n sistem $ ilde{A}_1$ tica. Revista Espanola De Nutricion Humana Y Dietetica, 2018, 22, 21.	0.3	2
112	Mejora de la coordinaci \tilde{A}^3 n en ni $\tilde{A}\pm$ os mediante el entrenamiento propioceptivo. Apunts Educacion Fisica Y Deportes, 2019, , 22-35.	0.2	2
113	Age-related influences on somatic and physical fitness of elite police agents (Influencias de la edad en) Tj $ETQq1\ 1$	0.784314	f rgBT /Overl
114	Upper versus lower body resistance exercise with elastic bands: effects on cognitive and physical function of institutionalized older adults. European Geriatric Medicine, 2022, 13, 907-916.	2.8	2
115	Physical activity and sitting time measured in Spanish university students. Journal of Science and Medicine in Sport, 2012, 15, S20.	1.3	1
116	Pilates method guidelines for physical therapy in patients with Parkinson's disease. Parkinsonism and Related Disorders, 2016, 22, e65-e66.	2.2	1
117	Relationship between tobacco consumption and sport practice among health and education science university students. EnfermerÃa ClÃnica (English Edition), 2017, 27, 21-27.	0.3	1
118	APLICACIÓN DE EJERCICIOS DE BRAIN GYM® EN PERSONAS INSTITUCIONALIZADAS CON DETERIORO COGNITIVO. Revista Internacional De Medicina Y Ciencias De La Actividad Fisica Y Del Deporte, 2018, 18, 753.	0.2	1
119	Validity, Reliability, and Responsiveness of the Spanish Version of the OPTIMAL Instrument. PM and R, 2019, 11, 258-269.	1.6	1
120	Association between sex differences on foot health related to the quality of life in a sample of sedentary people. Revista Da Associa§ão Médica Brasileira, 2019, 65, 149-155.	0.7	1
121	Effects of bodyweight neuromuscular training with and without instability on balance control in active universitarians. Research in Sports Medicine, 2022, 30, 128-144.	1.3	1
122	Evolución de hábitos saludables en estudiantes universitarios en ciencias del deporte (Evolution of) Tj ETQq0 0 (ე ჯ <mark>g</mark> gT /Ov	erlock 10 Tf
123	Variations of Trail Runner's Fitness Measures across a Season and Relationships with Workload. Healthcare (Switzerland), 2021, 9, 318.	2.0	1
124	AplicaciÃ ³ n de un programa de ejercicio fÃsico coordinativo a través del sistema MOTOmed® en personas mayores diagnosticadas de Enfermedad de Parkinson moderado-severo. Estudio de casos		

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127	Is Stretching Exercise An Adequate Control Group in Clinical Trials Aimed at Improving Physical Fitness and Function of Older Adults? A Systematic Review and Meta-Analysis. Journal of Aging and Physical Activity, 2020, 28, 889-910.	1.0	1
128	Validation of Two Instruments for the Correct Allocation of School Furniture in Secondary Schools to Prevent Back Pain. International Journal of Environmental Research and Public Health, 2022, 19, 20.	2.6	1
129	Efecto de un programa de pilates sobre la capacidad funcional y cognitiva de un colectivo de		

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145	La socializaciÃ ³ n mejora la adherencia, pero no la fuerza, en programas de ejercicio fÃsico con componente de fuerza en personas mayores. Revista Andaluza De Medicina Del Deporte, 2021, 14, 103-107.	0.1	0
146	The 2-Minute Step Test. Topics in Geriatric Rehabilitation, 2022, 38, 42-48.	0.4	0
147	Pilates as physiotherapy in patients with Parkinson disease: a pilot study. , 2021, 16, 73-81.		0
148	Patterns of Alcohol Consumption and Use of Health Services in Spanish University Students: UniHcos Project. International Journal of Environmental Research and Public Health, 2022, 19, 6158.	2.6	0