

Nicolas Martinez-Velilla

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,360
citations

279798

23
h-index

243625

44
g-index

144
all docs

144
docs citations

144
times ranked

2897
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Exercise Intervention on Functional Decline in Very Elderly Patients During Acute Hospitalization. <i>JAMA Internal Medicine</i> , 2019, 179, 28.	5.1	288
2	The relationship between frailty and polypharmacy in older people: A systematic review. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 1432-1444.	2.4	257
3	Role of physical exercise on cognitive function in healthy older adults: A systematic review of randomized clinical trials. <i>Ageing Research Reviews</i> , 2017, 37, 117-134.	10.9	142
4	Safety and Effectiveness of Long-Term Exercise Interventions in Older Adults: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Sports Medicine</i> , 2020, 50, 1095-1106.	6.5	91
5	Systematic Review and Meta-Analysis of Randomized, Controlled Trials on Preoperative Physical Exercise Interventions in Patients with Non-Small-Cell Lung Cancer. <i>Cancers</i> , 2019, 11, 944.	3.7	88
6	Multimorbidity Patterns in Hospitalized Older Patients: Associations among Chronic Diseases and Geriatric Syndromes. <i>PLoS ONE</i> , 2015, 10, e0132909.	2.5	70
7	Assessing the impact of physical exercise on cognitive function in older medical patients during acute hospitalization: Secondary analysis of a randomized trial. <i>PLoS Medicine</i> , 2019, 16, e1002852.	8.4	64
8	Effect of a multicomponent exercise programme (VIVIFRAIL) on functional capacity in frail community elders with cognitive decline: study protocol for a randomized multicentre control trial. <i>Trials</i> , 2019, 20, 362.	1.6	63
9	Physical activity and early rehabilitation in hospitalized elderly medical patients: Systematic review of randomized clinical trials. <i>Journal of Nutrition, Health and Aging</i> , 2016, 20, 738-751.	3.3	59
10	Effects of Vivifrail multicomponent intervention on functional capacity: a multicentre, randomized controlled trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 884-893.	7.3	53
11	Inter-individual variability in response to exercise intervention or usual care in hospitalized older adults. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 1266-1275.	7.3	51
12	Is It Ethical Not to Prescribe Physical Activity for the Elderly Frail?. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 779-781.	2.5	47
13	Impact of hospitalization in an acute geriatric unit on polypharmacy and potentially inappropriate prescriptions: A retrospective study. <i>Geriatrics and Gerontology International</i> , 2017, 17, 2354-2360.	1.5	43
14	Physical Function and All-Cause Mortality in Older Adults Diagnosed With Cancer: A Systematic Review and Meta-Analysis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1447-1453.	3.6	40
15	Adipose tissue compartments, muscle mass, muscle fat infiltration, and coronary calcium in institutionalized frail nonagenarians. <i>European Radiology</i> , 2015, 25, 2163-2175.	4.5	36
16	Changes in muscle power after usual care or early structured exercise intervention in acutely hospitalized older adults. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 997-1006.	7.3	36
17	Prevalencia de polifarmacia y factores asociados en adultos mayores en España: datos de la Encuesta Nacional de Salud 2017. <i>Medicina Clínica</i> , 2019, 153, 141-150.	0.6	35
18	Comorbidity and prognostic indices do not improve the 5-year mortality prediction of components of comprehensive geriatric assessment in hospitalized older patients. <i>BMC Geriatrics</i> , 2014, 14, 64.	2.7	34

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19	Functional and cognitive impairment prevention through early physical activity for geriatric hospitalized patients: study protocol for a randomized controlled trial. <i>BMC Geriatrics</i> , 2015, 15, 112.	2.7	29
20	Red blood cell distribution width, multimorbidity, and the risk of death in hospitalized older patients. <i>Age</i> , 2012, 34, 717-723.	3.0	28
21	Iatrogenic Nosocomial Disability Diagnosis and Prevention. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 762-764.	2.5	26
22	Relationship between frailty, polypharmacy, and underprescription in older adults living in nursing homes. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 961-970.	1.9	25
23	Heterogeneity of Different Tools for Detecting the Prevalence of Frailty in Nursing Homes: Feasibility and Meaning of Different Approaches. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 898.e1-898.e8.	2.5	24
24	Physical Exercise Improves Function in Acutely Hospitalized Older Patients: Secondary Analysis of a Randomized Clinical Trial. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 866-873.	2.5	24
25	Different Functional Outcomes in Patients with Delirium and Subsyndromal Delirium One Month after Hospital Discharge. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012, 34, 332-336.	1.5	21
26	Anticholinergic burden and health outcomes among older adults discharged from hospital: results from the CRIME study. <i>European Journal of Clinical Pharmacology</i> , 2017, 73, 1467-1474.	1.9	21
27	New horizons in geriatric medicine education and training: The need for pan-European education and training standards. <i>European Geriatric Medicine</i> , 2017, 8, 467-473.	2.8	20
28	Recovery of the Decline in Activities of Daily Living After Hospitalization Through an Individualized Exercise Program: Secondary Analysis of a Randomized Clinical Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1519-1523.	3.6	19
29	Is Comprehensive Geriatric Assessment a Better 1-Year Mortality Predictor Than Comorbidity and Prognostic Indices in Hospitalized Older Adults?. <i>Journal of the American Geriatrics Society</i> , 2013, 61, 1821-1823.	2.6	17
30	A Multi-Domain Group-Based Intervention to Promote Physical Activity, Healthy Nutrition, and Psychological Wellbeing in Older People with Losses in Intrinsic Capacity: AMICOPE Development Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5979.	2.6	17
31	Cognitive Function Improvements Mediate Exercise Intervention Effects on Physical Performance in Acutely Hospitalized Older Adults. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 787-791.	2.5	16
32	Effectiveness of occupational therapy interventions in acute geriatric wards: A systematic review. <i>Maturitas</i> , 2019, 127, 43-50.	2.4	15
33	European Academy for medicine of ageing session participants' report on malnutrition assessment and diagnostic methods; an international survey. <i>Clinical Nutrition ESPEN</i> , 2020, 35, 75-80.	1.2	15
34	Effects of a Tailored Exercise Intervention in Acutely Hospitalized Oldest Old Diabetic Adults: An Ancillary Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e899-e906.	3.6	14
35	Cardiorespiratory fitness and all-cause mortality in adults diagnosed with cancer systematic review and meta-analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1745-1752.	2.9	14
36	Polypharmacy in older people: time to take action. <i>European Geriatric Medicine</i> , 2019, 10, 1-3.	2.8	13

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37	Handgrip Strength as a Complementary Test for Mobility Limitations Assessment in Acutely Hospitalized Oldest Old. <i>Rejuvenation Research</i> , 2021, 24, 213-219.	1.8	13
38	The impact of an exercise intervention on frailty levels in hospitalised older adults: secondary analysis of a randomised controlled trial. <i>Age and Ageing</i> , 2022, 51, .	1.6	13
39	Noncoronary Vascular Calcification, Bone Mineral Density, and Muscle Mass in Institutionalized Frail Nonagenarians. <i>Rejuvenation Research</i> , 2017, 20, 298-308.	1.8	12
40	Impact of Game-Based Interventions on Health-Related Outcomes in Hospitalized Older Patients: A Systematic Review. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 364-371.e1.	2.5	12
41	Network Physiology in Aging and Frailty: The Grand Challenge of Physiological Reserve in Older Adults. <i>Frontiers in Network Physiology</i> , 2021, 1, .	1.8	12
42	Prevalence of polypharmacy and associated factors in older adults in Spain: Data from the National Health Survey 2017. <i>Medicina Clínica (English Edition)</i> , 2019, 153, 141-150.	0.2	11
43	Medicine optimization strategy in an acute geriatric unit: The pharmacist in the geriatric team. <i>Geriatrics and Gerontology International</i> , 2019, 19, 530-536.	1.5	11
44	Tailored exercise is safe and beneficial for acutely hospitalised older adults with chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2020, 56, 2001048.	6.7	11
45	Effect of an Exercise Intervention on Functional Decline in Very Old Patients During Acute Hospitalizations. <i>JAMA Internal Medicine</i> , 2022, 182, 345.	5.1	11
46	Outcomes in complex patients with delirium and subsyndromal delirium one year after hospital discharge. <i>International Psychogeriatrics</i> , 2013, 25, 2087-2088.	1.0	10
47	An exercise program with patient's involvement and family support can modify the cognitive and affective trajectory of acutely hospitalized older medical patients: a pilot study. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 483-490.	2.9	9
48	Relative Handgrip Strength Diminishes the Negative Effects of Excess Adiposity on Dependence in Older Adults: A Moderation Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 1152.	2.4	8
49	VitaminD supplementation for the prevention and treatment of COVID-19: a position statement from the Spanish Society of Geriatrics and Gerontology. <i>Revista Espanola De Geriatria Y Gerontologia</i> , 2021, 56, 177-182.	0.7	8
50	Role of muscle power output as a mediator between gait variability and gait velocity in hospitalized older adults. <i>Experimental Gerontology</i> , 2019, 124, 110631.	2.8	7
51	Effects of a Multicomponent Exercise Program in Older Adults with Non-Small-Cell Lung Cancer during Adjuvant/Palliative Treatment: An Intervention Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 862.	2.4	7
52	Change in red blood cell distribution width during the last years of life in geriatric patients. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 590-594.	3.3	6
53	Influence of short-term training on functional capacity and (anti-)inflammatory immune signalling in acute hospitalization. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1154-1157.	7.3	6
54	Effects of Physical Exercise on the Incidence of Delirium and Cognitive Function in Acutely Hospitalized Older Adults: A Systematic Review with Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 503-517.	2.6	6

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55	Guía GesEPOC y pacientes ancianos. Archivos De Bronconeumología, 2013, 49, 367-368.	0.8	5
56	Impact of probiotics and prebiotics in the modulation of the major events of the aging process: A systematic review of randomized controlled trials. Experimental Gerontology, 2022, 164, 111809.	2.8	5
57	GesEPOC Guidelines and Elderly Patients. Archivos De Bronconeumología, 2013, 49, 367-368.	0.8	4
58	Charlson Comorbidity Index in Acutely Hospitalized Elderly Adults. Journal of the American Geriatrics Society, 2014, 62, 1614-1615.	2.6	4
59	Setting competencies and standards for a European Leadership Program in Geriatric Medicine: "The European Academy for Medicine of Ageing (EAMA) reloaded". European Geriatric Medicine, 2018, 9, 399-406.	2.8	4
60	Circulating Cytokines and Lower Body Muscle Performance in Older Adults at Hospital Admission. Journal of Nutrition, Health and Aging, 2020, 24, 1131-1139.	3.3	4
61	A Feasibility Study for Implementation "Health Arcade": A Study Protocol for Prototype of Multidomain Intervention Based on Gamification Technologies in Acutely Hospitalized Older Patients. International Journal of Environmental Research and Public Health, 2020, 17, 8058.	2.6	4
62	Effects of Exercise Interventions on Inflammatory Parameters in Acutely Hospitalized Older Patients: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Journal of Clinical Medicine, 2021, 10, 290.	2.4	4
63	Exercise Effects on Brain and Muscle Function in Acutely Hospitalized Older Patients Assessed by Functional Near-Infrared Spectroscopy. Journal of the American Medical Directors Association, 2021, 22, 875-876.	2.5	4
64	Infecciones respiratorias. Revista Espanola De Geriatria Y Gerontologia, 2007, 42, 51-59.	0.7	3
65	Red Blood Cell Distribution Width Trajectory During a Multicomponent Exercise in Hospitalized Older Adults: A Secondary Analysis of a Randomized Clinical Trial. Rejuvenation Research, 2021, 24, 294-296.	1.8	3
66	Effects of game-based interventions on functional capacity in acutely hospitalised older adults: results of an open-label non-randomised clinical trial. Age and Ageing, 2022, 51, .	1.6	3
67	Frailty in the older person: Implications for pharmacists. American Journal of Health-System Pharmacy, 2019, 76, 1980-1987.	1.0	2
68	Quantifying physical functional trajectory in hospitalized older adults using body worn inertial sensors. Journal of Biomechanics, 2019, 92, 105-111.	2.1	2
69	Diferencias en la capacidad predictiva para declive funcional, cognitivo y mortalidad para distintas escalas de fragilidad: un estudio de cohortes longitudinal. Medicina Clínica, 2020, 155, 18-22.	0.6	2
70	Geriatric frailty applied to fibromyalgia patients. Rheumatology International, 2015, 35, 193-194.	3.0	1
71	Evolución, manejo diagnóstico y terapéutico en ancianos diagnosticados de sarcoidosis con afectación torácica: a propósito de 6 casos. Archivos De Bronconeumología, 2016, 52, 491-492.	0.8	1
72	Differences in the predictive capability of functional impairment, cognitive decline and mortality of different frailty tools: A longitudinal cohort study. Medicina Clínica (English Edition), 2020, 155, 18-22.	0.2	1

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73	Reversibility of nosocomial disability in hospitalized elderly patients through an individualized multicomponent exercise program: a randomized controlled trial. <i>International Journal of Integrated Care</i> , 2018, 18, 105.	0.2	1
74	Safety of in-hospital early rehabilitation in chronic obstructive pulmonary disease exacerbations: A systematic review and meta-analysis. <i>Annals of Physical and Rehabilitation Medicine</i> , 2022, 65, 101528.	2.3	1
75	Reply to Inzitari et al. Comment on "Blancafort Alias et al. A Multi-Domain Group-Based Intervention to Promote Physical Activity, Healthy Nutrition, and Psychological Wellbeing in Older People with Losses in Intrinsic Capacity: AMICOPE Development Study. <i>Int. J. Environ. Res. Public Health</i> 2021, 18, 5979". <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 889.	2.6	1
76	Hodgkin's Lymphoma in a 96-Year-Old Woman: A Diagnostic, Therapeutic, and Prognostic Dilemma. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 1204-1206.	2.6	0
77	Evolution, Diagnosis and Treatment of Elderly Subjects with Thoracic Sarcoidosis: Report of 6 Cases. <i>Archivos De Bronconeumologia</i> , 2016, 52, 491-492.	0.8	0
78	Applicability of fixed-dose combination therapy in complex patients. <i>Medicina Clínica (English Edition)</i> , 2017, 149, 367.	0.2	0
79	Aplicabilidad de los tratamientos en combinaci3n fija en pacientes complejos. <i>Medicina Cl3nica</i> , 2017, 149, 367.	0.6	0
80	Gu3as GesEPOC en ancianos: todav3a camino por recorrer. <i>Archivos De Bronconeumologia</i> , 2018, 54, 298-299.	0.8	0
81	Talleres integrados de medicina cl3nica: un enfoque innovador para fomentar la adquisici3n de competencias cl3nicas transversales en el grado de medicina. <i>Educacion Medica</i> , 2018, 19, 64-65.	0.3	0
82	Cuantificaci3n de la determinaci3n del ant3geno prost3tico espec3fico en la pr3ctica cl3nica habitual. <i>Actas Urol3gicas Espa3olas</i> , 2018, 42, 282-283.	0.7	0
83	Multicomponent Exercise Program Effects On Functional Capacity And Cognition In Frail Hospitalized Patients. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 239.	0.4	0
84	GesEPOC Guidelines in the Elderly: Still a Long Way to Go. <i>Archivos De Bronconeumologia</i> , 2018, 54, 298-299.	0.8	0
85	Changes In Muscle Power After Usual Care Or Early Structured Exercise Intervention In Acutely Hospitalized Older Adults: A Secondary Analysis Of A Randomized Controlled Trial.. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 143-143.	0.4	0
86	Atypical presentation of Tako-tsubo Syndrome in an 89-year-old patient: A case report. <i>Revista Espanola De Geriatria Y Gerontologia</i> , 2021, 56, 378-379.	0.7	0
87	Cognition Influences the Effects of Physical Exercise on Pain in Acute Hospitalized Older Adults. <i>Journal of the American Medical Directors Association</i> , 2021, , .	2.5	0
88	Evaluation of the Navarra Strategy for Integrated Care for Chronic and Pluripathologic Patients. <i>International Journal of Integrated Care</i> , 2018, 18, 124.	0.2	0
89	Effect Af A Multicomponent Exercise Program On Functional Capacity And Cognitive Function In Frail Community Elders With Cognitive Decline. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 606-606.	0.4	0
90	Changes in the clinical profile of acutely hospitalized older patients after the COVID-19 pandemic. <i>Revista Espanola De Geriatria Y Gerontologia</i> , 2022, 57, 195-195.	0.7	0