

Leocadio Rodríguez-Mañas

List of Publications by Year in descending order

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Version: 2024-02-01

176
papers

12,731
citations

29994

54
h-index

28224

105
g-index

187
all docs

187
docs citations

187
times ranked

15679
citing authors

#	ARTICLE	IF	CITATIONS
1	Searching for an Operational Definition of Frailty: A Delphi Method Based Consensus Statement. The Frailty Operative Definition-Consensus Conference Project. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 62-67.	1.7	890
2	Effects of Different Exercise Interventions on Risk of Falls, Gait Ability, and Balance in Physically Frail Older Adults: A Systematic Review. <i>Rejuvenation Research</i> , 2013, 16, 105-114.	0.9	673
3	Impact of Social Isolation Due to COVID-19 on Health in Older People: Mental and Physical Effects and Recommendations. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 938-947.	1.5	485
4	Oxidative stress and vascular inflammation in aging. <i>Free Radical Biology and Medicine</i> , 2013, 65, 380-401.	1.3	452
5	The Asia-Pacific Clinical Practice Guidelines for the Management of Frailty. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 564-575.	1.2	408
6	A Multicomponent Exercise Intervention that Reverses Frailty and Improves Cognition, Emotion, and Social Networking in the Community-Dwelling Frail Elderly: A Randomized Clinical Trial. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 426-433.	1.2	362
7	Multicomponent exercises including muscle power training enhance muscle mass, power output, and functional outcomes in institutionalized frail nonagenarians. <i>Age</i> , 2014, 36, 773-785.	3.0	356
8	Frailty and Multimorbidity: A Systematic Review and Meta-analysis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 659-666.	1.7	354
9	Use of renin-angiotensin-aldosterone system inhibitors and risk of COVID-19 requiring admission to hospital: a case-population study. <i>Lancet</i> , 2020, 395, 1705-1714.	6.3	347
10	Skeletal Muscle Regulates Metabolism via Interorgan Crosstalk: Roles in Health and Disease. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 789-796.	1.2	317
11	Effectiveness of acute geriatric units on functional decline, living at home, and case fatality among older patients admitted to hospital for acute medical disorders: meta-analysis. <i>BMJ: British Medical Journal</i> , 2009, 338, b50-b50.	2.4	302
12	Effect of Exercise Intervention on Functional Decline in Very Elderly Patients During Acute Hospitalization. <i>JAMA Internal Medicine</i> , 2019, 179, 28.	2.6	288
13	Impact of Social Isolation Due to COVID-19 on Health in Older People: Mental and Physical Effects and Recommendations. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 938.	1.5	267
14	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , 2017, 13, 94-162.	3.9	242
15	Physical activity and exercise: Strategies to manage frailty. <i>Redox Biology</i> , 2020, 35, 101513.	3.9	235
16	Frailty, Sarcopenia and Diabetes. <i>Journal of the American Medical Directors Association</i> , 2014, 15, 853-859.	1.2	234
17	Diabetes in older people: new insights and remaining challenges. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 275-285.	5.5	217
18	Hypoglycemia in Older People - A Less Well Recognized Risk Factor for Frailty. , 2015, 6, 156.		213

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19	Frailty in the clinical scenario. <i>Lancet</i> , The, 2015, 385, e7-e9.	6.3	206
20	Endothelial dysfunction in aged humans is related with oxidative stress and vascular inflammation. <i>Aging Cell</i> , 2009, 8, 226-238.	3.0	188
21	Recommendations on Physical Activity and Exercise for Older Adults Living in Long-Term Care Facilities: A Taskforce Report. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 381-392.	1.2	174
22	Mechanisms Involved in the Aging-Induced Vascular Dysfunction. <i>Frontiers in Physiology</i> , 2012, 3, 132.	1.3	163
23	The sit-to-stand muscle power test: An easy, inexpensive and portable procedure to assess muscle power in older people. <i>Experimental Gerontology</i> , 2018, 112, 38-43.	1.2	161
24	Frailty and sarcopenia - newly emerging and high impact complications of diabetes. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1465-1473.	1.2	160
25	The "Sarcopenia and Physical Frailty IN older people: multi-component Treatment strategies" (SPRINTT) randomized controlled trial: design and methods. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 89-100.	1.4	131
26	Oxidative Stress Is Related to Frailty, Not to Age or Sex, in a Geriatric Population: Lipid and Protein Oxidation as Biomarkers of Frailty. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 1324-1328.	1.3	123
27	Frailty and sarcopenia as the basis for the phenotypic manifestation of chronic diseases in older adults. <i>Molecular Aspects of Medicine</i> , 2016, 50, 1-32.	2.7	120
28	Diabetes and Risk of Frailty and Its Potential Mechanisms: A Prospective Cohort Study of Older Adults. <i>Journal of the American Medical Directors Association</i> , 2015, 16, 748-754.	1.2	118
29	Costs of Malnutrition in Institutionalized and Community-Dwelling Older Adults: A Systematic Review. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 17-23.	1.2	112
30	A New Operational Definition of Frailty: The Frailty Trait Scale. <i>Journal of the American Medical Directors Association</i> , 2014, 15, 371.e7-371.e13.	1.2	111
31	Positive effects of resistance training in frail elderly patients with dementia after long-term physical restraint. <i>Age</i> , 2014, 36, 801-811.	3.0	101
32	Frailty, Polypharmacy, and Health Outcomes in Older Adults: The Frailty and Dependence in Albacete Study. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 46-52.	1.2	98
33	Effectiveness of a multimodal intervention in functionally impaired older people with type 2 diabetes mellitus. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 721-733.	2.9	98
34	Frailty as a Major Factor in the Increased Risk of Death and Disability in Older People With Diabetes. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 949-955.	1.2	92
35	Functional Capacity, Muscle Fat Infiltration, Power Output, and Cognitive Impairment in Institutionalized Frail Oldest Old. <i>Rejuvenation Research</i> , 2013, 16, 396-403.	0.9	91
36	Diabetes and ageing-induced vascular inflammation. <i>Journal of Physiology</i> , 2016, 594, 2125-2146.	1.3	90

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37	Centenarians, but not octogenarians, up-regulate the expression of microRNAs. <i>Scientific Reports</i> , 2012, 2, 961.	1.6	84
38	Diabetes and Frailty: Two Converging Conditions?. <i>Canadian Journal of Diabetes</i> , 2016, 40, 77-83.	0.4	82
39	Obesity, fat distribution, and risk of frailty in two population-based cohorts of older adults in Spain. <i>Obesity</i> , 2015, 23, 847-855.	1.5	81
40	Sedentary behaviour, physical activity, and sarcopenia among older adults in the TSHA: isothermal substitution model. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 188-198.	2.9	77
41	Frailty is associated with objectively assessed sedentary behaviour patterns in older adults: Evidence from the Toledo Study for Healthy Aging (TSHA). <i>PLoS ONE</i> , 2017, 12, e0183911.	1.1	77
42	Endothelial dysfunction through genetic deletion or inhibition of the G protein-coupled receptor Mas: a new target to improve endothelial function. <i>Journal of Hypertension</i> , 2007, 25, 2421-2425.	0.3	74
43	High glucose induces cell death of cultured human aortic smooth muscle cells through the formation of hydrogen peroxide. <i>British Journal of Pharmacology</i> , 2001, 133, 967-974.	2.7	73
44	In Search of 'Omics'-Based Biomarkers to Predict Risk of Frailty and Its Consequences in Older Individuals: The FRAILOMIC Initiative. <i>Gerontology</i> , 2016, 62, 182-190.	1.4	69
45	Association between endothelial dysfunction and frailty: the Toledo Study for Healthy Aging. <i>Age</i> , 2014, 36, 495-505.	3.0	67
46	Exercise: the lifelong supplement for healthy ageing and slowing down the onset of frailty. <i>Journal of Physiology</i> , 2016, 594, 1989-1999.	1.3	67
47	Sex Differences in the Association between Serum Levels of Testosterone and Frailty in an Elderly Population: The Toledo Study for Healthy Aging. <i>PLoS ONE</i> , 2012, 7, e32401.	1.1	66
48	An evaluation of the effectiveness of a multi-modal intervention in frail and pre-frail older people with type 2 diabetes - the MID-Frail study: study protocol for a randomised controlled trial. <i>Trials</i> , 2014, 15, 34.	0.7	65
49	A New Frailty Score for Experimental Animals Based on the Clinical Phenotype: Inactivity as a Model of Frailty. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 885-891.	1.7	65
50	Relationship Between Sarcopenia and Frailty in the Toledo Study of Healthy Aging: A Population Based Cross-Sectional Study. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 282-286.	1.2	64
51	Endothelial dysfunction and metabolic control in streptozotocin-induced diabetic rats. <i>British Journal of Pharmacology</i> , 1998, 123, 1495-1502.	2.7	63
52	Reallocating Accelerometer-Assessed Sedentary Time to Light or Moderate- to Vigorous-Intensity Physical Activity Reduces Frailty Levels in Older Adults: An Isothermal Substitution Approach in the TSHA Study. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 185.e1-185.e6.	1.2	63
53	Association of regional muscle strength with mortality and hospitalisation in older people. <i>Age and Ageing</i> , 2015, 44, 790-795.	0.7	62
54	Frailty as a phenotypic manifestation of underlying oxidative stress. <i>Free Radical Biology and Medicine</i> , 2020, 149, 72-77.	1.3	58

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55	Inflammation Determines the Pro-Adhesive Properties of High Extracellular D-Glucose in Human Endothelial Cells In Vitro and Rat Microvessels In Vivo. PLoS ONE, 2010, 5, e10091.	1.1	58
56	Asymmetric dimethylarginine (ADMA) elevation and arginase upâ€regulation contribute to endothelial dysfunction related to insulin resistance in rats and morbidly obese humans. Journal of Physiology, 2016, 594, 3045-3060.	1.3	53
57	A Comparison of Frailty Assessment Instruments in Different Clinical and Social Care Settings: The Frailtools Project. Journal of the American Medical Directors Association, 2021, 22, 607.e7-607.e12.	1.2	53
58	Changes in Health Behaviors, Mental and Physical Health among Older Adults under Severe Lockdown Restrictions during the COVID-19 Pandemic in Spain. International Journal of Environmental Research and Public Health, 2021, 18, 7067.	1.2	53
59	Is It Ethical Not to Prescribe Physical Activity for the Elderly Frail?. Journal of the American Medical Directors Association, 2016, 17, 779-781.	1.2	47
60	The Third Transition: The Clinical Evolution Oriented to the Contemporary Older Patient. Journal of the American Medical Directors Association, 2017, 18, 8-9.	1.2	43
61	Importance of medical data preprocessing in predictive modeling and risk factor discovery for the frailty syndrome. BMC Medical Informatics and Decision Making, 2019, 19, 33.	1.5	43
62	Frailty assessment based on trunk kinematic parameters during walking. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 48.	2.4	42
63	Effects of different doses of high-speed resistance training on physical performance and quality of life in older women: a randomized controlled trial. Clinical Interventions in Aging, 2016, Volume 11, 1797-1804.	1.3	40
64	Cognitive Performance across 3 Frailty Phenotypes: Toledo Study for Healthy Aging. Journal of the American Medical Directors Association, 2017, 18, 785-790.	1.2	40
65	Human exceptional longevity: transcriptome from centenarians is distinct from septuagenarians and reveals a role of Bcl-xL in successful aging. Aging, 2016, 8, 3185-3208.	1.4	39
66	Management of Cancer in the Older Age Person: An Approach to Complex Medical Decisions. Oncologist, 2017, 22, 335-342.	1.9	39
67	Amadori adducts activate nuclear factor-Î² B-related proinflammatory genes in cultured human peritoneal mesothelial cells. British Journal of Pharmacology, 2005, 146, 268-279.	2.7	38
68	The frailty syndrome in the public health agenda. Journal of Epidemiology and Community Health, 2014, 68, 703-704.	2.0	38
69	Age and gender, two key factors in the associations between physical activity and strength during the ageing process. Maturitas, 2014, 78, 106-112.	1.0	38
70	Short-term pharmacological activation of Nrf2 ameliorates vascular dysfunction in aged rats and in pathological human vasculature. A potential target for therapeutic intervention. Redox Biology, 2019, 26, 101271.	3.9	38
71	A New Functional Classification Based on Frailty and Disability Stratifies the Risk for Mortality Among Older Adults: The FRADEA Study. Journal of the American Medical Directors Association, 2019, 20, 1105-1110.	1.2	37
72	Impairment of nitric oxide-mediated relaxations in anaesthetized autoperfused streptozotocin-induced diabetic rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 358, 529-537.	1.4	36

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73	Evidence for Sodium Azide as an Artifact Mediating the Modulation of Inducible Nitric Oxide Synthase by C-Reactive Protein. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 45, 193-196.	0.8	36
74	Preserved endothelial function in human obesity in the absence of insulin resistance. <i>Journal of Translational Medicine</i> , 2013, 11, 263.	1.8	36
75	Adipose tissue compartments, muscle mass, muscle fat infiltration, and coronary calcium in institutionalized frail nonagenarians. <i>European Radiology</i> , 2015, 25, 2163-2175.	2.3	36
76	Hyperphosphatemia induces senescence in human endothelial cells by increasing endothelin-1 production. <i>Aging Cell</i> , 2017, 16, 1300-1312.	3.0	36
77	FRAILTOOLS study protocol: a comprehensive validation of frailty assessment tools to screen and diagnose frailty in different clinical and social settings and to provide instruments for integrated care in older adults. <i>BMC Geriatrics</i> , 2019, 19, 86.	1.1	36
78	Low calcium intake and inadequate vitamin D status in postmenopausal osteoporotic women. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 136, 175-177.	1.2	35
79	The Standardization of Frailty Phenotype Criteria Improves Its Predictive Ability: The Toledo Study for Healthy Aging. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 402-408.	1.2	35
80	Diabetes Mellitus as a Risk Factor for Functional and Cognitive Decline in Very Old People: The Octabaix Study. <i>Journal of the American Medical Directors Association</i> , 2014, 15, 924-928.	1.2	34
81	Frailty Is Associated With Lower Expression of Genes Involved in Cellular Response to Stress: Results From the Toledo Study for Healthy Aging. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 734.e1-734.e7.	1.2	33
82	Engaging clinicians and patients to assess and improve frailty measurement in adults with end stage renal disease. <i>BMC Nephrology</i> , 2018, 19, 8.	0.8	33
83	A robust machine learning framework to identify signatures for frailty: a nested case-control study in four aging European cohorts. <i>GeroScience</i> , 2021, 43, 1317-1329.	2.1	31
84	Physical activity trajectories, mortality, hospitalization, and disability in the Toledo Study of Healthy Aging. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1007-1017.	2.9	30
85	Impact of frailty in older patients with diabetes mellitus: An overview. <i>Endocrinología Y Nutrición: Organo De La Sociedad Española De Endocrinología Y Nutrición</i> , 2016, 63, 291-303.	0.8	29
86	Frequency, intensity and localization of pain as risk factors for frailty in older adults. <i>Age and Ageing</i> , 2019, 48, 74-80.	0.7	29
87	Pharmaceutical Interventions for Frailty and Sarcopenia. <i>Current Pharmaceutical Design</i> , 2014, 20, 3068-3082.	0.9	29
88	Complete blockade of the vasorelaxant effects of angiotensin(1-7) and bradykinin in murine microvessels by antagonists of the receptor Mas. <i>Journal of Physiology</i> , 2013, 591, 2275-2285.	1.3	28
89	Can Physical Activity Offset the Detrimental Consequences of Sedentary Time on Frailty? A Moderation Analysis in 749 Older Adults Measured With Accelerometers. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 634-638.e1.	1.2	28
90	Effect of glycaemic control on the vascular nitric oxide system in patients with type 1 diabetes. <i>Journal of Hypertension</i> , 2003, 21, 1137-1143.	0.3	27

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91	Automatic Evaluation of the 30-s Chair Stand Test Using Inertial/Magnetic-Based Technology in an Older Prefrail Population. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013, 17, 820-827.	3.9	27
92	Seasonal Variance in Serum Levels of Vitamin D Determines a Compensatory Response by Parathyroid Hormone: Study in an Ambulatory Elderly Population in Quebec. <i>Gerontology</i> , 2006, 52, 33-39.	1.4	26
93	The deleterious effect of high concentrations of D-glucose requires pro-inflammatory preconditioning. <i>Journal of Hypertension</i> , 2008, 26, 478-485.	0.3	26
94	Low relative mechanical power in older adults: An operational definition and algorithm for its application in the clinical setting. <i>Experimental Gerontology</i> , 2020, 142, 111141.	1.2	26
95	Xanthine oxidase-derived extracellular superoxide anions stimulate activator protein 1 activity and hypertrophy in human vascular smooth muscle via c-Jun N-terminal kinase and p38 mitogen-activated protein kinases. <i>Journal of Hypertension</i> , 2007, 25, 609-618.	0.3	25
96	Exercise training as a drug to treat age associated frailty. <i>Free Radical Biology and Medicine</i> , 2016, 98, 159-164.	1.3	25
97	Dose-response association between physical activity and sedentary time categories on ageing biomarkers. <i>BMC Geriatrics</i> , 2019, 19, 270.	1.1	25
98	Glycosylated human oxyhaemoglobin activates nuclear factor- κ B and activator protein-1 in cultured human aortic smooth muscle. <i>British Journal of Pharmacology</i> , 2003, 140, 681-690.	2.7	24
99	Age-related differences in the effects of α and β peroxisome proliferator-activated receptor subtype agonists on endothelial vasodilation in human microvessels. <i>Experimental Gerontology</i> , 2012, 47, 734-740.	1.2	24
100	Associations between frailty and serum N-terminal propeptide of type I procollagen and 25-hydroxyvitamin D in older Spanish women: The Toledo Study for Healthy Aging. <i>Experimental Gerontology</i> , 2015, 69, 79-84.	1.2	24
101	Older adults with frailty syndrome present an altered platelet function and an increased level of circulating oxidative stress and mitochondrial dysfunction biomarker GDF-15. <i>Free Radical Biology and Medicine</i> , 2020, 149, 64-71.	1.3	24
102	Role of oestrogens on oxidative stress and inflammation in ageing. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2013, 16, 65-72.	0.3	23
103	Rapid Assessment at Hospital Admission of Mortality Risk From COVID-19: The Role of Functional Status. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 1798-1802.e2.	1.2	23
104	Impact of Relative Muscle Power on Hospitalization and All-Cause Mortality in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 781-789.	1.7	23
105	Scoping Review of Neuroimaging Studies Investigating Frailty and Frailty Components. <i>Frontiers in Medicine</i> , 2018, 5, 284.	1.2	22
106	Associations of fat-soluble micronutrients and redox biomarkers with frailty status in the FRAILOMIC initiative. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 1339-1346.	2.9	22
107	Increased levels of soluble Receptor for Advanced Glycation End-products (RAGE) are associated with a higher risk of mortality in frail older adults. <i>Age and Ageing</i> , 2019, 48, 696-702.	0.7	22
108	The ability of eight frailty instruments to identify adverse outcomes across different settings: the FRAILTOOLS project. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1487-1501.	2.9	22

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109	Frailty Trait Scale—Short Form: A Frailty Instrument for Clinical Practice. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 1260-1266.e2.	1.2	21
110	Standardizing in vitro diagnostics tasks in clinical trials: a call for action. <i>Annals of Translational Medicine</i> , 2016, 4, 181-181.	0.7	20
111	Serum uric acid concentrations and risk of frailty in older adults. <i>Experimental Gerontology</i> , 2016, 82, 160-165.	1.2	19
112	Should we use gait speed in COPD, FEV ₁ in frailty and dyspnoea in both?. <i>European Respiratory Journal</i> , 2016, 48, 315-319.	3.1	19
113	Associations between frailty trajectories and frailty status and adverse outcomes in community-dwelling older adults. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 230-239.	2.9	19
114	Laboratory biomarkers and frailty: presentation of the FRAILOMIC initiative. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e253-5.	1.4	17
115	Factors associated with poor balance ability in older adults of nine high-altitude communities. <i>Archives of Gerontology and Geriatrics</i> , 2018, 77, 108-114.	1.4	17
116	Threshold of Relative Muscle Power Required to Rise from a Chair and Mobility Limitations and Disability in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 2217-2224.	0.2	17
117	Relative sit-to-stand power cut-off points and their association with negatives outcomes in older adults. <i>Scientific Reports</i> , 2021, 11, 19460.	1.6	17
118	Outcome of Older Critically Ill Patients: A Matched Cohort Study. <i>Gerontology</i> , 2006, 52, 169-173.	1.4	16
119	Exome sequencing of three cases of familial exceptional longevity. <i>Aging Cell</i> , 2014, 13, 1087-1090.	3.0	16
120	Frailty: The quest for new domains, clinical definitions and subtypes. Is this justified on new evidence emerging?. <i>Journal of Nutrition, Health and Aging</i> , 2014, 18, 92-94.	1.5	16
121	Function But Not Multimorbidity at The Cornerstone of Geriatric Medicine. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 2333-2334.	1.3	15
122	The Impact of Movement Behaviors on Bone Health in Elderly with Adequate Nutritional Status: Compositional Data Analysis Depending on the Frailty Status. <i>Nutrients</i> , 2019, 11, 582.	1.7	15
123	Vascular smooth muscle cell hypertrophy induced by glycosylated human oxyhaemoglobin. <i>British Journal of Pharmacology</i> , 1998, 125, 637-644.	2.7	14
124	Caídas repetidas en el medio residencial. <i>Revista Espanola De Geriatria Y Gerontologia</i> , 2006, 41, 201-206.	0.2	14
125	Which one came first: movement behavior or frailty? A cross-lagged panel model in the Toledo Study for Healthy Aging. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 415-423.	2.9	14
126	Two-Year Follow-up of a Multimodal Intervention on Functional Capacity and Muscle Power in Frail Patients With Type 2 Diabetes. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 1906-1911.	1.2	14

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127	Differential Association of Frailty and Sarcopenia With Mortality and Disability: Insight Supporting Clinical Subtypes of Frailty. <i>Journal of the American Medical Directors Association</i> , 2022, 23, 1712-1716.e3.	1.2	14
128	Thromboprophylaxis with the Low-Molecular-Weight Heparin Bemiparin Sodium in Elderly Medical Patients in Usual Clinical Practice. <i>Clinical Drug Investigation</i> , 2010, 30, 337-345.	1.1	13
129	Endocrinology of Aging From a Muscle Function Point of View: Results From the Toledo Study for Healthy Aging. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 234-239.	1.2	13
130	High Serum Retinol as a Relevant Contributor to Low Bone Mineral Density in Postmenopausal Osteoporotic Women. <i>Calcified Tissue International</i> , 2018, 102, 651-656.	1.5	13
131	Relation Between Genetic Factors and Frailty in Older Adults. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1451-1457.	1.2	13
132	Noncoronary Vascular Calcification, Bone Mineral Density, and Muscle Mass in Institutionalized Frail Nonagenarians. <i>Rejuvenation Research</i> , 2017, 20, 298-308.	0.9	12
133	Nonlinear relationship between waist to hip ratio, weight and strength in elders: is gender the key?. <i>Biogerontology</i> , 2015, 16, 685-692.	2.0	11
134	Multivessel analysis of progressive vascular aging in the rat: Asynchronous vulnerability among vascular territories. <i>Mechanisms of Ageing and Development</i> , 2018, 173, 39-49.	2.2	11
135	Association between telomere length, frailty and death in older adults. <i>GeroScience</i> , 2021, 43, 1015-1027.	2.1	11
136	Relationship between self-reported visual impairment and worsening frailty transition states in older people: a longitudinal study. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 2491-2498.	1.4	11
137	Effects of captopril, losartan, and nifedipine on cell hypertrophy of cultured vascular smooth muscle from hypertensive Ren-2 transgenic rats. <i>British Journal of Pharmacology</i> , 1997, 121, 1438-1444.	2.7	10
138	Automatic and Real-Time Computation of the 30-Seconds Chair-Stand Test without Professional Supervision for Community-Dwelling Older Adults. <i>Sensors</i> , 2020, 20, 5813.	2.1	10
139	Functional Connectivity Disruption in Frail Older Adults Without Global Cognitive Deficits. <i>Frontiers in Medicine</i> , 2020, 7, 322.	1.2	10
140	Breaking Sedentary Time Predicts Future Frailty in Inactive Older Adults: A Cross-Lagged Panel Model. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 893-900.	1.7	10
141	Amylin and Hypertension: Association of an Amylin α^{G132A} Gene Mutation and Hypertension in Humans and Amylin-Induced Endothelium Dysfunction in Rats. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1446-1450.	1.8	9
142	Better Nutritional Status Is Positively Associated with mRNA Expression of SIRT1 in Community-Dwelling Older Adults in the Toledo Study for Healthy Aging. <i>Journal of Nutrition</i> , 2018, 148, 1408-1414.	1.3	9
143	Differential effects of metformin glycinate and hydrochloride in glucose production, AMPK phosphorylation and insulin sensitivity in hepatocytes from non-diabetic and diabetic mice. <i>Food and Chemical Toxicology</i> , 2019, 123, 470-480.	1.8	9
144	Portable Ultrasound-Based Device for Detecting Older Adults's™ Sit-to-Stand Transitions in Unsupervised 30-Second Chair's™ Stand Tests. <i>Sensors</i> , 2020, 20, 1975.	2.1	9

#	ARTICLE	IF	CITATIONS
145	Differential Effect of Amylin on Endothelial-Dependent Vasodilation in Mesenteric Arteries from Control and Insulin Resistant Rats. <i>PLoS ONE</i> , 2015, 10, e0120479.	1.1	9
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