

# Rosario Ortolá;

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/934580/publications.pdf>

Version: 2024-02-01

106  
papers

2,501  
citations

186265

28  
h-index

254184

43  
g-index

107  
all docs

107  
docs citations

107  
times ranked

3935  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium Exposure and Cancer Mortality in a Prospective Cohort: The Strong Heart Study. <i>Environmental Health Perspectives</i> , 2014, 122, 363-370.	6.0	143
2	Major dietary patterns and risk of frailty in older adults: a prospective cohort study. <i>BMC Medicine</i> , 2015, 13, 11.	5.5	141
3	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.	2.5	118
4	Consumption of fruit and vegetables and risk of frailty: a dose-response analysis of 3 prospective cohorts of community-dwelling older adults. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 132-142.	4.7	97
5	Obesity, fat distribution, and risk of frailty in two population-based cohorts of older adults in Spain. <i>Obesity</i> , 2015, 23, 847-855.	3.0	81
6	Education and wealth inequalities in healthy ageing in eight harmonised cohorts in the ATHLOS consortium: a population-based study. <i>Lancet Public Health</i> , The, 2020, 5, e386-e394.	10.0	77
7	Macronutrients Intake and Incident Frailty in Older Adults: A Prospective Cohort Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1329-1334.	3.6	76
8	Toenails as biomarker of exposure to essential trace metals: A review. <i>Environmental Research</i> , 2019, 179, 108787.	7.5	62
9	Patterns of Alcohol Consumption and Risk of Frailty in Community-dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 251-258.	3.6	57
10	Association of lead and cadmium exposure with frailty in US older adults. <i>Environmental Research</i> , 2015, 137, 424-431.	7.5	55
11	Changes in Health Behaviors, Mental and Physical Health among Older Adults under Severe Lockdown Restrictions during the COVID-19 Pandemic in Spain. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7067.	2.6	53
12	Television viewing time as a risk factor for frailty and functional limitations in older adults: results from 2 European prospective cohorts. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 54.	4.6	48
13	Contribution of health behaviours and clinical factors to socioeconomic differences in frailty among older adults. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 354-360.	3.7	47
14	Sedentary behaviors, physical activity, and changes in depression and psychological distress symptoms in older adults. <i>Depression and Anxiety</i> , 2018, 35, 884-897.	4.1	45
15	Alcohol consumption and all-cause mortality in older adults in Spain: an analysis accounting for the main methodological issues. <i>Addiction</i> , 2019, 114, 59-68.	3.3	41
16	Toxic metals in toenails as biomarkers of exposure: A review. <i>Environmental Research</i> , 2021, 197, 111028.	7.5	39
17	Incidence, Clinical Characteristics and Management of Inflammatory Bowel Disease in Spain: Large-Scale Epidemiological Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2885.	2.4	38
18	Ideal Cardiovascular Health and Risk of Frailty in Older Adults. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016, 9, 239-245.	2.2	35

#	ARTICLE	IF	CITATIONS
19	The inflammatory potential of diet is related to incident frailty and slow walking in older adults. <i>Clinical Nutrition</i> , 2020, 39, 185-191.	5.0	35
20	Association between the Mediterranean lifestyle, metabolic syndrome and mortality: a whole-country cohort in Spain. <i>Cardiovascular Diabetology</i> , 2021, 20, 5.	6.8	35
21	Allergic sensitization, rhinitis, and tobacco smoke exposure in U.S. children and adolescents. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 471-476.	2.8	34
22	Physical Activity and the Effect of Multimorbidity on All-Cause Mortality in Older Adults. <i>Mayo Clinic Proceedings</i> , 2017, 92, 376-382.	3.0	34
23	Exposure to secondhand smoke in the home and mental health in children: a population-based study. <i>Tobacco Control</i> , 2016, 25, 307-312.	3.2	33
24	Prospective association between added sugars and frailty in older adults. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 772-779.	4.7	32
25	Development of a common scale for measuring healthy ageing across the world: results from the ATHLOS consortium. <i>International Journal of Epidemiology</i> , 2021, 50, 880-892.	1.9	32
26	Allergic Sensitization, Rhinitis and Tobacco Smoke Exposure in US Adults. <i>PLoS ONE</i> , 2015, 10, e0131957.	2.5	31
27	Physical activity without weight loss reduces the development of cardiovascular disease risk factors – a prospective cohort study of more than one hundred thousand adults. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 522-530.	3.1	30
28	Impact of the European and American guidelines on hypertension prevalence, treatment, and cardiometabolic goals. <i>Journal of Hypertension</i> , 2019, 37, 1393-1400.	0.5	30
29	Frequency, intensity and localization of pain as risk factors for frailty in older adults. <i>Age and Ageing</i> , 2019, 48, 74-80.	1.6	29
30	LDL Cholesterol Rises With BMI Only in Lean Individuals: Cross-sectional U.S. and Spanish Representative Data. <i>Diabetes Care</i> , 2018, 41, 2195-2201.	8.6	28
31	Moderate alcohol drinking is not associated with risk of depression in older adults. <i>Scientific Reports</i> , 2018, 8, 11512.	3.3	28
32	The Association Between Diabetes and Olfactory Function in Adults. <i>Chemical Senses</i> , 2018, 43, 59-64.	2.0	25
33	Changes in Dietary Intake of Animal and Vegetable Protein and Unhealthy Aging. <i>American Journal of Medicine</i> , 2020, 133, 231-239.e7.	1.5	25
34	Unhealthy eating behaviors and weight gain: A prospective study in young and middle-aged adults. <i>Obesity</i> , 2016, 24, 1178-1184.	3.0	24
35	Selenium and impaired physical function in US and Spanish older adults. <i>Redox Biology</i> , 2021, 38, 101819.	9.0	24
36	Frailty, Disability, and Ambulatory Blood Pressure in Older Adults. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 433-438.	2.5	23

#	ARTICLE	IF	CITATIONS
37	Blood and urine cadmium concentrations and walking speed in middle-aged and older U.S. adults. <i>Environmental Pollution</i> , 2018, 232, 97-104.	7.5	23
38	Influence of Changes in Diet Quality on Unhealthy Aging: The Seniors-ENRICA Cohort. <i>American Journal of Medicine</i> , 2019, 132, 1091-1102.e9.	1.5	23
39	The Southern European Atlantic Diet and all-cause mortality in older adults. <i>BMC Medicine</i> , 2021, 19, 36.	5.5	23
40	Patterns of alcohol consumption and health-related quality of life in older adults. <i>Drug and Alcohol Dependence</i> , 2016, 159, 166-173.	3.2	22
41	Environmental Pollutants, Limitations in Physical Functioning, and Frailty in Older Adults. <i>Current Environmental Health Reports</i> , 2017, 4, 12-20.	6.7	22
42	Trajectories of Accumulation of Health Deficits in Older Adults: Are There Variations According to Health Domains?. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 710-717.e6.	2.5	21
43	Alcohol drinking patterns and risk of functional limitations in two cohorts of older adults. <i>Clinical Nutrition</i> , 2017, 36, 831-838.	5.0	20
44	Patterns of alcohol consumption and risk of falls in older adults: a prospective cohort study. <i>Osteoporosis International</i> , 2017, 28, 3143-3152.	3.1	20
45	Dietary n-3 polyunsaturated fatty acids, fish intake and healthy ageing. <i>International Journal of Epidemiology</i> , 2019, 48, 1914-1924.	1.9	20
46	Serum uric acid concentrations and risk of frailty in older adults. <i>Experimental Gerontology</i> , 2016, 82, 160-165.	2.8	19
47	Watching TV has a distinct sociodemographic and lifestyle profile compared with other sedentary behaviors: A nationwide population-based study. <i>PLoS ONE</i> , 2017, 12, e0188836.	2.5	19
48	Cadmium exposure is associated with reduced grip strength in US adults. <i>Environmental Research</i> , 2020, 180, 108819.	7.5	19
49	EpidemIBD: rationale and design of a large-scale epidemiological study of inflammatory bowel disease in Spain. <i>Therapeutic Advances in Gastroenterology</i> , 2019, 12, 175628481984703.	3.2	18
50	Physical activity less than the recommended amount may prevent the onset of major biological risk factors for cardiovascular disease: a cohort study of 198,919 adults. <i>British Journal of Sports Medicine</i> , 2020, 54, 238-244.	6.7	18
51	The role of overweight in the association between the Mediterranean diet and the risk of type 2 diabetes mellitus: a mediation analysis among 21,585 UK biobank participants. <i>International Journal of Epidemiology</i> , 2020, 49, 1582-1590.	1.9	18
52	Physical Activity Attenuates Total and Cardiovascular Mortality Associated With Physical Disability: A National Cohort of Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 240-247.	3.6	17
53	Physical activity attenuates the impact of poor physical, mental, and social health on total and cardiovascular mortality in older adults: a population-based prospective cohort study. <i>Quality of Life Research</i> , 2018, 27, 3293-3302.	3.1	17
54	Physical Activity, Sitting Time, and Mortality From Inflammatory Diseases in Older Adults. <i>Frontiers in Physiology</i> , 2018, 9, 898.	2.8	17

#	ARTICLE	IF	CITATIONS
55	Exposure to secondhand tobacco smoke and the frailty syndrome in US older adults. <i>Age</i> , 2015, 37, 26.	3.0	16
56	Gender Differences in Pain Risk in Old Age: Magnitude and Contributors. <i>Mayo Clinic Proceedings</i> , 2019, 94, 1707-1717.	3.0	16
57	Mediterranean Diet and Changes in Frequency, Severity, and Localization of Pain in Older Adults: The Seniors-ENRICA Cohorts. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 122-130.	3.6	16
58	Housing conditions and limitations in physical function among older adults. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 954-960.	3.7	15
59	Short-term variability and nocturnal decline in ambulatory blood pressure in normotension, white-coat hypertension, masked hypertension and sustained hypertension: a population-based study of older individuals in Spain. <i>Hypertension Research</i> , 2017, 40, 613-619.	2.7	15
60	Association between serum uric acid concentrations and grip strength: Is there effect modification by age?. <i>Clinical Nutrition</i> , 2018, 37, 566-572.	5.0	15
61	Perinatal and childhood factors and risk of breast cancer subtypes in adulthood. <i>Cancer Epidemiology</i> , 2016, 40, 22-30.	1.9	13
62	Household pet exposure, allergic sensitization, and rhinitis in the U.S. population. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 645-651.	2.8	13
63	Association of Physical Activity, Sedentary Behavior, and Sleep With Unhealthy Aging: Consistent Results for Device-Measured and Self-reported Behaviors Using Isotemporal Substitution Models. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 85-94.	3.6	13
64	Metabolic syndrome and Growth Differentiation Factor 15 in older adults. <i>GeroScience</i> , 2021, , 1.	4.6	13
65	Habitual coffee consumption and risk of falls in 2 European cohorts of older adults. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1431-1438.	4.7	11
66	Prognostic models for mortality after cardiac surgery in patients with infective endocarditis: a systematic review and aggregation of prediction models. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1422-1430.	6.0	11
67	A Mediterranean Lifestyle and Frailty Incidence in Older Adults: The Seniors-ENRICA-1 Cohort. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1845-1852.	3.6	11
68	Social support and ambulatory blood pressure in older people. <i>Journal of Hypertension</i> , 2016, 34, 2045-2052.	0.5	10
69	Changes in Alcohol Consumption and Associated Variables among Older Adults in Spain: A population-based cohort study. <i>Scientific Reports</i> , 2019, 9, 10401.	3.3	10
70	Changes in health status predict changes in alcohol consumption in older adults: the Seniors-ENRICA cohort. <i>Journal of Epidemiology and Community Health</i> , 2019, 73, 123-129.	3.7	9
71	Healthy dietary patterns are associated with lower concentrations of growth differentiation factor 15 in older adults. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1619-1626.	4.7	9
72	Exposure to secondhand tobacco smoke is associated with reduced muscle strength in US adults. <i>Aging</i> , 2019, 11, 12674-12684.	3.1	9

#	ARTICLE	IF	CITATIONS
73	Perinatal and childhood factors and risk of prostate cancer in adulthood: MCC-Spain case-control study. <i>Cancer Epidemiology</i> , 2016, 43, 49-55.	1.9	8
74	Pain Characteristics, Cardiovascular Risk Factors, and Cardiovascular Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 204-213.	3.6	8
75	Prediction of cardiovascular health by non-exercise estimated cardiorespiratory fitness. <i>Heart</i> , 2020, 106, 1832-1838.	2.9	7
76	Blood cadmium and physical function limitations in older adults. <i>Environmental Pollution</i> , 2021, 276, 116748.	7.5	7
77	Cross-sectional and prospective associations of sleep, sedentary and active behaviors with mental health in older people: a compositional data analysis from the Seniors-ENRICA-2 study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 124.	4.6	7
78	Association between sleep characteristics and antihypertensive treatment in older adults. <i>Geriatrics and Gerontology International</i> , 2019, 19, 537-540.	1.5	6
79	Alcohol Drinking and Health in Ageing: A Global Scale Analysis of Older Individual Data through the Harmonised Dataset of ATHLOS. <i>Nutrients</i> , 2020, 12, 1746.	4.1	6
80	Tobacco Smoke Exposure in Indoor and Outdoor Locations in Airports Across Europe and the United States: A Cross-Sectional Study. <i>Nicotine and Tobacco Research</i> , 2017, 19, ntw238.	2.6	5
81	Causal effects of physical activity and sedentary behaviour on health deficits accumulation in older adults. <i>International Journal of Epidemiology</i> , 2021, 50, 852-865.	1.9	5
82	Longitudinal Association Between Sodium and Potassium Intake and Physical Performance in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 2379-2386.	3.6	5
83	Social Network and Risk of Poor Sleep Outcomes in Older Adults: Results from a Spanish Prospective Cohort Study. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 399-409.	2.7	5
84	Adherence to the Mediterranean Diet and Physical Resilience in Older Adults: The Seniors-ENRICA Cohort. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 505-512.	3.6	5
85	Alcohol consumption patterns and growth differentiation factor 15 among life-time drinkers aged 65+ years in Spain: a cross-sectional study. <i>Addiction</i> , 2022, 117, 1647-1657.	3.3	5
86	Prospective association between dietary magnesium intake and physical performance in older women and men. <i>European Journal of Nutrition</i> , 2022, 61, 2365-2373.	3.9	5
87	Objectively measured secondhand tobacco smoke and cognitive impairment in disability-free older adults. <i>Environmental Research</i> , 2022, 212, 113352.	7.5	5
88	Secondhand Tobacco Smoke and Functional Impairments in Older Adults Living in the Community. <i>Nicotine and Tobacco Research</i> , 2022, 24, 2026-2034.	2.6	5
89	Dairy consumption and risk of falls in 2 European cohorts of older adults. <i>Clinical Nutrition</i> , 2020, 39, 3140-3146.	5.0	4
90	The salivary proteome reflects some traits of dietary habits in diabetic and non-diabetic older adults. <i>European Journal of Nutrition</i> , 2021, 60, 4331-4344.	3.9	4

#	ARTICLE	IF	CITATIONS
91	Diet Quality and the Risk of Impaired Speech Reception Threshold in Noise: The UK Biobank cohort. <i>Ear and Hearing</i> , 2022, 43, 361-369.	2.1	4
92	Associations of device-measured sleep, sedentariness and physical activity with growth differentiation factor 15 in older adults. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, , .	7.3	4
93	A simple score to screen for isolated ambulatory hypertension in older adults. Development and validation. <i>REC: CardioClinics</i> , 2021, , .	0.1	3
94	Consumption of food fried in olive oil and unhealthy aging in a Mediterranean country. <i>Clinical Nutrition</i> , 2021, 40, 277-285.	5.0	3
95	A divisive hierarchical clustering methodology for enhancing the ensemble prediction power in large scale population studies: the ATHLOS project. <i>Health Information Science and Systems</i> , 2022, 10, 6.	5.2	3
96	Adherence to a Mediterranean Lifestyle and Changes in Frequency, Severity, and Localization of Pain in Older Adults. <i>Mayo Clinic Proceedings</i> , 2022, 97, 1282-1293.	3.0	3
97	Are legume-based recipes an appropriate source of nutrients for healthy ageing? A prospective cohort study. <i>British Journal of Nutrition</i> , 2020, 124, 943-951.	2.3	2
98	Association of prolonged nightly fasting with cardiovascular, renal, inflammation, and nutritional status biomarkers in community-dwelling older adults. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1282-1289.	4.7	2
99	Home and ambulatory blood pressure levels below target range and clinical effort to detect this condition: a population-based study in older treated hypertensives. <i>Age and Ageing</i> , 2022, 51, .	1.6	2
100	The medium-term consequences of a COVID-19 lockdown on lifestyle among Spanish older people with hypertension, pulmonary disease, cardiovascular disease, musculoskeletal disease, depression, and cancer. <i>Epidemiology and Health</i> , 2022, 44, e2022026.	1.9	2
101	Alcohol consumption patterns and unhealthy aging among older lifetime drinkers from Spain. <i>Drug and Alcohol Dependence</i> , 2022, 235, 109444.	3.2	2
102	Cadmium exposure and growth differentiation factor-15 (GDF-15) levels in non-smoking older adults. <i>Environmental Research</i> , 2021, 206, 112250.	7.5	1
103	The Inflammatory Potential of Diet and Pain Incidence: A Cohort Study in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 267-276.	3.6	1
104	Health Decline Is Associated with Reports of No Coffee Consumption Years After Reporting Coffee Consumption Among Older Adults in Spain. <i>Journal of Nutrition</i> , 2020, 150, 1916-1923.	2.9	0
105	Association of selenium exposure with insulin resistance and $\beta^2$ -cell function in middle age and older adults. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
106	Secondhand smoke and functional impairments in older adults. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0