

# Ana Maria Teixeira

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

1,852  
citations

257101

24  
h-index

301761

39  
g-index

116  
all docs

116  
docs citations

116  
times ranked

2750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical determinants of host receptor targeting by <i>Neisseria meningitidis</i> and <i>Neisseria gonorrhoeae</i> : identification of Opa adhesiotopes on the N-domain of CD66 molecules. <i>Molecular Microbiology</i> , 1999, 34, 538-551.	1.2	163
2	Homophilic adhesion of human CEACAM1 involves N-terminal domain interactions: structural analysis of the binding site. <i>Blood</i> , 2001, 98, 1469-1479.	0.6	96
3	Strength Training Decreases Inflammation and Increases Cognition and Physical Fitness in Older Women with Cognitive Impairment. <i>Frontiers in Physiology</i> , 2017, 8, 377.	1.3	77
4	The effect of aerobic versus strength-based training on high-sensitivity C-reactive protein in older adults. <i>European Journal of Applied Physiology</i> , 2010, 110, 161-169.	1.2	76
5	Effects of aerobic and strength-based training on metabolic health indicators in older adults. <i>Lipids in Health and Disease</i> , 2010, 9, 76.	1.2	75
6	Circulatory endotoxin concentration and cytokine profile in response to exertional-heat stress during a multi-stage ultra-marathon competition. <i>Exercise Immunology Review</i> , 2015, 21, 114-28.	0.4	71
7	Effect of lecturing to 200 students on heart rate variability and alpha-amylase activity. <i>European Journal of Applied Physiology</i> , 2010, 108, 1035-1043.	1.2	57
8	Cytokine production by monocytes, neutrophils, and dendritic cells is hampered by long-term intensive training in elite swimmers. <i>European Journal of Applied Physiology</i> , 2012, 112, 471-482.	1.2	56
9	Water and sodium intake habits and status of ultra-endurance runners during a multi-stage ultra-marathon conducted in a hot ambient environment: an observational field based study. <i>Nutrition Journal</i> , 2013, 12, 13.	1.5	54
10	Exercise and taurine in inflammation, cognition, and peripheral markers of blood-brain barrier integrity in older women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 733-741.	0.9	50
11	Building bridges for innovation in ageing: Synergies between action groups of the EIP on AHA. <i>Journal of Nutrition, Health and Aging</i> , 2017, 21, 92-104.	1.5	47
12	Changes in natural killer cell subpopulations over a winter training season in elite swimmers. <i>European Journal of Applied Physiology</i> , 2013, 113, 859-868.	1.2	42
13	Salivary alpha-amylase, cortisol and chromogranin A responses to a lecture: impact of sex. <i>European Journal of Applied Physiology</i> , 2009, 106, 71-77.	1.2	41
14	Concurrent validation of the OMNI-Resistance Exercise Scale of perceived exertion with elastic bands in the elderly. <i>Experimental Gerontology</i> , 2018, 103, 11-16.	1.2	37
15	The Effects of Different Warm-up Volumes on the 100-m Swimming Performance. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 3026-3036.	1.0	34
16	Lifelong training improves anti-inflammatory environment and maintains the number of regulatory T cells in masters athletes. <i>European Journal of Applied Physiology</i> , 2017, 117, 1131-1140.	1.2	34
17	Physical frailty and cognitive status over-60 age populations: A systematic review with meta-analysis. <i>Archives of Gerontology and Geriatrics</i> , 2018, 78, 240-248.	1.4	34
18	Short-time high-intensity exercise increases peripheral BDNF in a physical fitness-dependent way in healthy men. <i>European Journal of Sport Science</i> , 2020, 20, 43-50.	1.4	33

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19	High-Dose Probiotic Supplementation Containing <i>Lactobacillus casei</i> for 7 Days Does Not Enhance Salivary Antimicrobial Protein Responses to Exertional Heat Stress Compared With Placebo. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2016, 26, 150-160.	1.0	31
20	Effect of 16-weeks of resistance exercise and detraining comparing two methods of blood flow restriction in muscle strength of healthy older women: A randomized controlled trial. <i>Experimental Gerontology</i> , 2018, 114, 78-86.	1.2	30
21	Sustaining efficient immune functions with regular physical exercise in the COVID-19 era and beyond. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13485.	1.7	30
22	Effects of Aerobic Conditioning on Salivary IgA and Plasma IgA, IgG and IgM in Older Men and Women. <i>International Journal of Sports Medicine</i> , 2009, 30, 906-912.	0.8	29
23	Effects of lifelong training on senescence and mobilization of T lymphocytes in response to acute exercise. <i>Exercise Immunology Review</i> , 2018, 24, 72-84.	0.4	29
24	Effects of a chair-yoga exercises on stress hormone levels, daily life activities, falls and physical fitness in institutionalized older adults. <i>Complementary Therapies in Clinical Practice</i> , 2016, 24, 123-129.	0.7	26
25	Lifelong exercise practice and immunosenescence: Master athletes cytokine response to acute exercise. <i>Cytokine</i> , 2019, 115, 1-7.	1.4	26
26	Chair-based exercise programs in institutionalized older women: Salivary steroid hormones, disabilities and frailty changes. <i>Experimental Gerontology</i> , 2020, 130, 110790.	1.2	26
27	The Impact of a 24-h Ultra-Marathon on Salivary Antimicrobial Protein Responses. <i>International Journal of Sports Medicine</i> , 2014, 35, 966-971.	0.8	23
28	Warm-up for Sprint Swimming: Race-Pace or Aerobic Stimulation? A Randomized Study. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 2423-2431.	1.0	22
29	Exploring the potential of salivary and blood immune biomarkers to elucidate physical frailty in institutionalized older women. <i>Experimental Gerontology</i> , 2020, 129, 110759.	1.2	20
30	Objectively Measured Sedentary Behavior and Physical Fitness in Adults: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8660.	1.2	20
31	Physical fitness status modulates the inflammatory proteins in peripheral blood and circulating monocytes: role of PPAR-gamma. <i>Scientific Reports</i> , 2020, 10, 14094.	1.6	20
32	The Mediating Effect of Different Exercise Programs on the Immune Profile of Frail Older Women with Cognitive Impairment. <i>Current Pharmaceutical Design</i> , 2020, 26, 906-915.	0.9	20
33	Glycated hemoglobin and associated risk factors in older adults. <i>Cardiovascular Diabetology</i> , 2012, 11, 13.	2.7	19
34	Changes in naïve and memory T-cells in elite swimmers during a winter training season. <i>Brain, Behavior, and Immunity</i> , 2014, 39, 186-193.	2.0	19
35	Physical Fitness and Frailty Syndrome in Institutionalized Older Women. <i>Perceptual and Motor Skills</i> , 2017, 124, 754-776.	0.6	17
36	Effects of Different Chair-Based Exercises on Salivary Biomarkers and Functional Autonomy in Institutionalized Older Women. <i>Research Quarterly for Exercise and Sport</i> , 2019, 90, 36-45.	0.8	17

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37	Lecturing to 200 students and its effects on cytokine concentration and salivary markers of adrenal activation. <i>Stress and Health</i> , 2011, 27, e25-35.	1.4	16
38	Study Protocol on Hormonal Mediation of Exercise on Cognition, Stress and Immunity (PRO-HMECSI): Effects of Different Exercise Programmes in Institutionalized Elders. <i>Frontiers in Public Health</i> , 2016, 4, 133.	1.3	16
39	The Quadruple Helix-Based Innovation Model of Reference Sites for Active and Healthy Ageing in Europe: The Ageing@Coimbra Case Study. <i>Frontiers in Medicine</i> , 2018, 5, 132.	1.2	16
40	Heart rate variability, adiposity, and physical activity in prepubescent children. <i>Clinical Autonomic Research</i> , 2015, 25, 169-178.	1.4	15
41	Salivary antimicrobial protein responses during multistage ultramarathon competition conducted in hot environmental conditions. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 977-987.	0.9	14
42	Changes of Hematological Markers during a Multi-stage Ultra-marathon Competition in the Heat. <i>International Journal of Sports Medicine</i> , 2016, 37, 104-111.	0.8	14
43	Development of a Healthy Lifestyle Assessment Toolkit for the General Public. <i>Frontiers in Medicine</i> , 2019, 6, 134.	1.2	14
44	Influence of chair-based yoga on salivary anti-microbial proteins, functional fitness, perceived stress and well-being in older women: A pilot randomized controlled trial. <i>European Journal of Integrative Medicine</i> , 2017, 12, 44-52.	0.8	13
45	Effect of Training-Detraining Phases of Multicomponent Exercises and BCAA Supplementation on Inflammatory Markers and Albumin Levels in Frail Older Persons. <i>Nutrients</i> , 2021, 13, 1106.	1.7	13
46	Differences in Plasma Cytokine Levels between Elite Kayakers and Nonathletes. <i>BioMed Research International</i> , 2013, 2013, 1-5.	0.9	12
47	Emotional Well-Being and Cognitive Function Have Robust Relationship With Physical Frailty in Institutionalized Older Women. <i>Frontiers in Psychology</i> , 2020, 11, 1568.	1.1	12
48	Taurine supplementation reduces myeloperoxidase and matrix-metalloproteinase-9 levels and improves the effects of exercise in cognition and physical fitness in older women. <i>Amino Acids</i> , 2021, 53, 333-345.	1.2	12
49	Obesity Increases Gene Expression of Markers Associated With Immunosenescence in Obese Middle-Aged Individuals. <i>Frontiers in Immunology</i> , 2021, 12, 806400.	2.2	12
50	Moderate Intensity Exercise Is Associated With Decreased Angiotensin-converting Enzyme, Increased $\beta$ 2-Adrenergic Receptor Gene Expression, and Lower Blood Pressure in Middle-Aged Men. <i>Journal of Aging and Physical Activity</i> , 2015, 23, 212-220.	0.5	10
51	Combined Chair-Based Exercises Improve Functional Fitness, Mental Well-Being, Salivary Steroid Balance, and Anti-microbial Activity in Pre-frail Older Women. <i>Frontiers in Psychology</i> , 2021, 12, 564490.	1.1	10
52	Physical frailty and health outcomes of fitness, hormones, psychological and disability in institutionalized older women: an exploratory association study. <i>Women and Health</i> , 2020, 60, 140-155.	0.4	9
53	Moderate aerobic exercise increases SOD-2 gene expression and decreases leptin and malondialdehyde in middle-aged men. <i>Science and Sports</i> , 2016, 31, e55-e63.	0.2	8
54	Effect of 16-Week Blood Flow Restriction Exercise on Functional Fitness in Sarcopenic Women: A Randomized Controlled Trial. <i>International Journal of Morphology</i> , 2019, 37, 59-64.	0.1	8

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55	The advantages of physical exercise as a preventive strategy against NAFLD in postmenopausal women. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13731.	1.7	8
56	Haematological changes in elite kayakers during a training season. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 1140-1146.	0.9	7
57	Comparison of Agility and Dynamic Balance in Elderly Women with Endomorphic Mesomorph Somatotype with Presence or Absence of Metabolic Syndrome. <i>International Journal of Morphology</i> , 2012, 30, 637-642.	0.1	7
58	Effect of High-Intensity Interval Training Versus Moderate-Intensity Aerobic Continuous Training on Galectin-3 Gene Expression in Postmenopausal Women: A Randomized Controlled Trial. <i>Journal of Aging and Physical Activity</i> , 2020, 28, 987-995.	0.5	6
59	Effect of a 40-weeks multicomponent exercise program and branched chain amino acids supplementation on functional fitness and mental health in frail older persons. <i>Experimental Gerontology</i> , 2021, 155, 111592.	1.2	6
60	Analyses of Gait and Jump Tasks in Female Obese Adolescents. <i>Pediatric Exercise Science</i> , 2012, 24, 26-33.	0.5	5
61	Acute Hematological and Inflammatory Responses to High-intensity Exercise Tests: Impact of Duration and Mode of Exercise. <i>International Journal of Sports Medicine</i> , 2017, 38, 551-559.	0.8	5
62	Chronobiological Effects on Mountain Biking Performance. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6458.	1.2	5
63	Upper respiratory symptoms (URS) and salivary responses across a season in youth soccer players: A useful and non-invasive approach associated to URS susceptibility and occurrence in young athletes. <i>PLoS ONE</i> , 2020, 15, e0236669.	1.1	5
64	Impact of Different Aquatic Exercise Programs on Body Composition, Functional Fitness and Cognitive Function of Non-Institutionalized Elderly Adults: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8963.	1.2	5
65	Immune-endocrine responses and physical performance of master athletes during the sports season. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 5551-5557.	1.2	4
66	Impact of Aquatic-Based Physical Exercise Programs on Risk Markers of Cardiometabolic Diseases in Older People: A Study Protocol for Randomized-Controlled Trials. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8678.	1.2	4
67	Thermal dysregulation in patients with multiple sclerosis during SARS-CoV-2 infection. The potential therapeutic role of exercise. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 59, 103557.	0.9	4
68	The Impact of Aquatic Exercise Programs on the Intima-Media thickness of the Carotid Arteries, Hemodynamic Parameters, Lipid Profile and Chemokines of Community-Dwelling Older Persons: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3377.	1.2	4
69	Comportamento da pressão arterial em homens pré-hipertensos participantes em um programa regular de natação. <i>Revista Brasileira De Medicina Do Esporte</i> , 2015, 21, 178-181.	0.1	3
70	Variation in plasma cytokine concentration during a training season in elite kayakers. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018, 58, 1519-1524.	0.4	3
71	Unhealthy lifestyles, environment, well-being and health capability in rural neighbourhoods: a community-based cross-sectional study. <i>BMC Public Health</i> , 2021, 21, 1628.	1.2	3
72	Immunometabolism-fit: How exercise and training can modify T cell and macrophage metabolism in health and disease. <i>Exercise Immunology Review</i> , 2022, 28, 29-46.	0.4	3

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73	Meta-análise do efeito no sistema imunitário da suplementação de hidratos de carbono no exercício físico. Motricidade, 2012, 8, .	0.2	2
74	DAILY HEMATOLOGIC ASSESSMENT DURING A 230-KM MULTISTAGE ULTRAMARATHON. Revista Brasileira De Medicina Do Esporte, 2018, 24, 206-211.	0.1	2
75	Exercise-Based Interventions as a Management of Frailty Syndrome in Older Populations: Design, Strategy, and Planning. , 0, , .		2
76	I SAFS UniCatállica 2015. Motricidade, 2017, 12, 1.	0.2	2
77	Weight Gain and Oxidative Stress in Midlife Lead to Pathological Concentric Cardiac Hypertrophy in Sedentary Rats. Journal of Clinical Research in Paramedical Sciences, 2018, In Press, .	0.1	2
78	Concurrent and Construct Validation of a New Scale for Rating Perceived Exertion during Elastic Resistance Training in The Elderly. Journal of Sports Science and Medicine, 2020, 19, 175-186.	0.7	2
79	Effects of combined training on metabolic profile, lung function, stress and quality of life in sedentary adults: A study protocol for a randomized controlled trial. PLoS ONE, 2022, 17, e0263455.	1.1	2
80	Effect of exercise-conditioned human serum on the viability of cancer cell cultures: A systematic review and meta-analysis. Exercise Immunology Review, 2021, 27, 24-41.	0.4	2
81	Improvement in the anti-inflammatory profile with lifelong physical exercise is related to clock genes expression in effector-memory CD4+ T cells in master athletes. Exercise Immunology Review, 2021, 27, 67-83.	0.4	2
82	The Effect of a Resistance Training, Detraining and Retraining Cycle on Postural Stability and Estimated Fall Risk in Institutionalized Older Persons: A 40-Week Intervention. Healthcare (Switzerland), 2022, 10, 776.	1.0	2
83	Predicting frail syndrome using adverse geriatric health outcomes: Comparison of different statistical classifiers. , 2017, , .		1
84	Evaluación de las creencias hacia la atención de personas con discapacidad auditiva, en prácticas a distancia de Educación Física de estudiantes universitarios durante la pandemia por COVID-19		

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91	Health and Fall Risk Monitoring Within Common Assessments. Advances in Medical Diagnosis, Treatment, and Care, 2021, , 182-199.	0.1	0

92 Actividad física evaluada en la clase de educación física en estudiantes de secundaria con discapacidad