

Nuria Garatachea

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1616857/publications.pdf>

Version: 2024-02-01

114
papers

4,641
citations

182225

30
h-index

124990

64
g-index

115
all docs

115
docs citations

115
times ranked

8603
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Acute effects of long-distance races on heart rate variability and arterial stiffness: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2022, 40, 248-270. | 1.0 | 3 |
| 2 | Estimation of the second ventilatory threshold through ventricular repolarization profile analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 339-349. | 1.3 | 4 |
| 3 | Validity of the Polar H7 Heart Rate Sensor for Heart Rate Variability Analysis during Exercise in Different Age, Body Composition and Fitness Level Groups. <i>Sensors</i> , 2021, 21, 902. | 2.1 | 31 |
| 4 | ECG Ventricular Repolarization Dynamics during Exercise: Temporal Profile, Relation to Heart Rate Variability and Effects of Age and Physical Health. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9497. | 1.2 | 3 |
| 5 | Electrocardiogram-Derived Tidal Volume During Treadmill Stress Test. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 193-202. | 2.5 | 9 |
| 6 | Heart Rate Variability and Exceptional Longevity. <i>Frontiers in Physiology</i> , 2020, 11, 566399. | 1.3 | 21 |
| 7 | Effects of a 75-km mountain ultra-marathon on heart rate variability in amateur runners. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1401-1407. | 0.4 | 4 |
| 8 | Healthspan and lifespan extension by fecal microbiota transplantation into progeroid mice. <i>Nature Medicine</i> , 2019, 25, 1234-1242. | 15.2 | 352 |
| 9 | Physical Exercise. , 2019, , 24-24. | | 0 |
| 10 | Physical Activity and Sedentary Behavior at the End of the Human Lifespan. <i>Journal of Aging and Physical Activity</i> , 2019, 27, 899-905. | 0.5 | 6 |
| 11 | Effects of Whole Body Vibration on Tibia Strength and Structure of Competitive Adolescent Swimmers: A Randomized Controlled Trial. <i>PM and R</i> , 2018, 10, 889-897. | 0.9 | 5 |
| 12 | Validation of Heart Rate Monitor Polar RS800 for Heart Rate Variability Analysis During Exercise. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 716-725. | 1.0 | 95 |
| 13 | Methodological framework for heart rate variability analysis during exercise: application to running and cycling stress testing. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 781-794. | 1.6 | 18 |
| 14 | Inflammation and coronary artery disease: The exercise paradox. <i>Cytokine</i> , 2018, 111, 371-372. | 1.4 | 2 |
| 15 | Circulating leptin and adiponectin concentrations in healthy exceptional longevity. <i>Mechanisms of Ageing and Development</i> , 2017, 162, 129-132. | 2.2 | 12 |
| 16 | Vitamin D for Healthy Aging. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 1629-1630. | 1.3 | 0 |
| 17 | Is the SenseWear Armband accurate enough to quantify and estimate energy expenditure in healthy adults?. <i>Annals of Translational Medicine</i> , 2017, 5, 97-97. | 0.7 | 32 |
| 18 | Physical Exercise as an Effective Antiaging Intervention. <i>BioMed Research International</i> , 2017, 2017, 1-2. | 0.9 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Comparison of Heart Rate Variability Assessment During Exercise from Polar RS800 and ECG. , 2017, , . | | 0 |
| 20 | Physical and Physiological Characteristics of Judo Athletes: An Update. Sports, 2016, 4, 20. | 0.7 | 38 |
| 21 | The genetics of exceptional longevity: Insights from centenarians. Maturitas, 2016, 90, 49-57. | 1.0 | 33 |
| 22 | Physical Activity and Alzheimer Disease: A Protective Association. Mayo Clinic Proceedings, 2016, 91, 999-1020. | 1.4 | 108 |
| 23 | No evidence of adverse cardiac remodeling in former elite endurance athletes. International Journal of Cardiology, 2016, 222, 171-177. | 0.8 | 15 |
| 24 | Incidence of sudden cardiac death in professional cycling. International Journal of Cardiology, 2016, 223, 222-223. | 0.8 | 5 |
| 25 | Validity of the Physical Activity Questionnaires IPAQ-SF and GPAQ for Cancer Survivors: Insights from a Spanish Cohort. International Journal of Sports Medicine, 2016, 37, 979-985. | 0.8 | 31 |
| 26 | Response rate to the treatment of Waldenström macroglobulinemia: A meta-analysis of the results of clinical trials. Critical Reviews in Oncology/Hematology, 2016, 105, 118-126. | 2.0 | 21 |
| 27 | Exercise as an adjuvant therapy against chronic atrial fibrillation. International Journal of Cardiology, 2016, 207, 180-184. | 0.8 | 11 |
| 28 | Galectin-3, osteopontin and successful aging. Clinical Chemistry and Laboratory Medicine, 2016, 54, 873-7. | 1.4 | 10 |
| 29 | Trace elements levels in centenarian "dodgers"™. Journal of Trace Elements in Medicine and Biology, 2016, 35, 103-106. | 1.5 | 17 |
| 30 | Impact of gestational risk factors on maternal cardiovascular system. Annals of Translational Medicine, 2016, 4, 253-253. | 0.7 | 3 |
| 31 | Validation study of Polar V800 accelerometer. Annals of Translational Medicine, 2016, 4, 278-278. | 0.7 | 24 |
| 32 | Aging's Effects on Marathon Performance: Insights From the New York City Race. International Journal of Sports Physiology and Performance, 2015, 10, 840-847. | 1.1 | 7 |
| 33 | Exceptional longevity and muscle and fitness related genotypes: a functional in vitro analysis and case-control association replication study with SNPs THRH rs7832552, IL6 rs1800795, and ACSL1 rs6552828. Frontiers in Aging Neuroscience, 2015, 07, 59. | 1.7 | 10 |
| 34 | Effects of cigarette smoking and nicotine metabolite ratio on leukocyte telomere length.. Environmental Research, 2015, 140, 488-494. | 3.7 | 38 |
| 35 | Attenuation of the influence of cardiocomotor coupling in heart rate variability interpretation during exercise test. , 2015, 2015, 1508-11. | | 3 |
| 36 | Commentaries on Viewpoint: The two-hour marathon: what's the equivalent for women?. Journal of Applied Physiology, 2015, 118, 1324-1328. | 1.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Where Are Supercentenarians Located? A Worldwide Demographic Study. <i>Rejuvenation Research</i> , 2015, 18, 14-19. | 0.9 | 10 |
| 38 | The <i>ApoE</i> Gene Is Related with Exceptional Longevity: A Systematic Review and Meta-Analysis. <i>Rejuvenation Research</i> , 2015, 18, 3-13. | 0.9 | 46 |
| 39 | Non-Steroidal Anti-Inflammatory Drugs as a Treatment for Alzheimer's Disease: A Systematic Review and Meta-Analysis of Treatment Effect. <i>Drugs and Aging</i> , 2015, 32, 139-147. | 1.3 | 140 |
| 40 | Anthropometric characteristics and neuromuscular function in young judo athletes by sex, age and weight category. <i>Sport Sciences for Health</i> , 2015, 11, 117-124. | 0.4 | 21 |
| 41 | Strenuous Exercise Worse Than Sedentarism?. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2673-2674. | 1.2 | 6 |
| 42 | My patient wants to perform strenuous endurance exercise. What's the right advice?. <i>International Journal of Cardiology</i> , 2015, 197, 248-253. | 0.8 | 14 |
| 43 | Body composition using bioelectrical impedance analysis in elite young soccer players: the effects of age and playing position. <i>Sport Sciences for Health</i> , 2015, 11, 203-210. | 0.4 | 7 |
| 44 | Exercise during pregnancy. A narrative review asking: what do we know?. <i>British Journal of Sports Medicine</i> , 2015, 49, 1377-1381. | 3.1 | 76 |
| 45 | Serum eicosapentaenoic acid to arachidonic acid ratio is associated with cardio-healthy exceptional longevity. <i>International Journal of Cardiology</i> , 2015, 184, 655-656. | 0.8 | 6 |
| 46 | Predictive value of NT-proBNP combined with exercise capacity variables in pulmonary artery disease: Insights from a Spanish cohort. <i>International Journal of Cardiology</i> , 2015, 186, 32-34. | 0.8 | 6 |
| 47 | Regular physical activity: a little is good, but is it good enough?. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 1099-1101. | 2.2 | 4 |
| 48 | A preliminary candidate approach identifies the combination of chemerin, fetuin-A, and fibroblast growth factors 19 and 21 as a potential biomarker panel of successful aging. <i>Age</i> , 2015, 37, 9776. | 3.0 | 25 |
| 49 | Long-term Strenuous Endurance Exercise and the Right Ventricle: Is It a Real Matter of Concern?. <i>Canadian Journal of Cardiology</i> , 2015, 31, 1304.e1. | 0.8 | 1 |
| 50 | Exercise as a Polypill for Chronic Diseases. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 135, 497-526. | 0.9 | 71 |
| 51 | Exercise Attenuates the Major Hallmarks of Aging. <i>Rejuvenation Research</i> , 2015, 18, 57-89. | 0.9 | 275 |
| 52 | Physical Inactivity and Low Fitness Deserve More Attention to Alter Cancer Risk and Prognosis. <i>Cancer Prevention Research</i> , 2015, 8, 105-110. | 0.7 | 67 |
| 53 | Strenuous endurance exercise and right ventricular systolic function: No evidence of long-term sequelae. <i>International Journal of Cardiology</i> , 2015, 179, 297-298. | 0.8 | 7 |
| 54 | Effects of allopurinol on exercise-induced muscle damage: new therapeutic approaches?. <i>Cell Stress and Chaperones</i> , 2015, 20, 3-13. | 1.2 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Niemann-Pick disease treatment: a systematic review of clinical trials. <i>Annals of Translational Medicine</i> , 2015, 3, 360. | 0.7 | 25 |
| 56 | Genetic variants in the PPARG-PPARGC1A-NRF-TFAM mitochondriogenesis pathway are neither associated with muscle characteristics nor physical performance in elderly. [Variaciones genéticas en la vía de la mitocondriogénesis PPARG-PPARGC1A-NRF-TFAM no están asociadas ni con características musculares ni con rendimiento físico en personas mayores]. <i>RICYDE Revista Internacional De Ciencias Del Deporte</i> , 2015, 11, 196-208. | 0.1 | 1 |
| 57 | FND5 (irisin) gene and exceptional longevity: a functional replication study with rs16835198 and rs726344 SNPs. <i>Age</i> , 2014, 36, 9733. | 3.0 | 15 |
| 58 | Exome sequencing of three cases of familial exceptional longevity. <i>Aging Cell</i> , 2014, 13, 1087-1090. | 3.0 | 16 |
| 59 | PYGM expression analysis in white blood cells: A complementary tool for diagnosing McArdle disease?. <i>Neuromuscular Disorders</i> , 2014, 24, 1079-1086. | 0.3 | 10 |
| 60 | Objectively Assessed Physical Activity Levels in Spanish Cancer Survivors. <i>Oncology Nursing Forum</i> , 2014, 41, E12-E20. | 0.5 | 16 |
| 61 | The rs1333049 polymorphism on locus 9p21.3 and extreme longevity in Spanish and Japanese cohorts. <i>Age</i> , 2014, 36, 933-943. | 3.0 | 10 |
| 62 | Elite Athletes Live Longer Than the General Population: A Meta-Analysis. <i>Mayo Clinic Proceedings</i> , 2014, 89, 1195-1200. | 1.4 | 133 |
| 63 | Can Enhanced Autophagy Be Associated with Human Longevity? Serum Levels of the Autophagy Biomarker Beclin-1 Are Increased in Healthy Centenarians. <i>Rejuvenation Research</i> , 2014, 17, 518-524. | 0.9 | 43 |
| 64 | Strenuous exercise and the heart: Are we not seeing the wood for the trees?. <i>International Journal of Cardiology</i> , 2014, 176, 1304-1305. | 0.8 | 3 |
| 65 | Whole-body vibration training increases physical fitness measures without alteration of inflammatory markers in older adults. <i>European Journal of Sport Science</i> , 2014, 14, 611-619. | 1.4 | 25 |
| 66 | Serum Irisin Levels, Precocious Myocardial Infarction, and Healthy Exceptional Longevity. <i>American Journal of Medicine</i> , 2014, 127, 888-890. | 0.6 | 72 |
| 67 | Levels of moderate-to-vigorous physical activity are low in Spanish children with cystic fibrosis: A comparison with healthy controls. <i>Journal of Cystic Fibrosis</i> , 2014, 13, 335-340. | 0.3 | 32 |
| 68 | ApoE gene and exceptional longevity: Insights from three independent cohorts. <i>Experimental Gerontology</i> , 2014, 53, 16-23. | 1.2 | 66 |
| 69 | PTK2 rs7460 and rs7843014 Polymorphisms and Exceptional Longevity: A Functional Replication Study. <i>Rejuvenation Research</i> , 2014, 17, 430-438. | 0.9 | 6 |
| 70 | Inter-trial variability of GT3X accelerometer. <i>Science and Sports</i> , 2014, 29, e7-e10. | 0.2 | 1 |
| 71 | ACTN3 R577X Polymorphism and Explosive Leg-Muscle Power in Elite Basketball Players. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 226-232. | 1.1 | 31 |
| 72 | Reduced Mortality in Former Elite Endurance Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 1046-1049. | 1.1 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Comparison Of Two Systems Designed To Measure Vertical Jump Height. [Comparaci3n de dos sistemas dise±ados para medir altura de salto vertical].. RICYDE Revista Internacional De Ciencias Del Deporte, 2014, 10, 123-130. | 0.1 | 3 |
| 74 | Influence of Running Stride Frequency in Heart Rate Variability Analysis During Treadmill Exercise Testing. IEEE Transactions on Biomedical Engineering, 2013, 60, 1796-1805. | 2.5 | 29 |
| 75 | Exercise is the Real Polypill. Physiology, 2013, 28, 330-358. | 1.6 | 486 |
| 76 | Association of the K153R polymorphism in the myostatin gene and extreme longevity. Age, 2013, 35, 2445-2454. | 3.0 | 22 |
| 77 | Mitochondriogenesis Genes and Extreme Longevity. Rejuvenation Research, 2013, 16, 67-73. | 0.9 | 4 |
| 78 | Genes and the ageing muscle: a review on genetic association studies. Age, 2013, 35, 207-233. | 3.0 | 76 |
| 79 | The ACE DD genotype and D-allele are associated with exceptional longevity: A meta-analysis. Ageing Research Reviews, 2013, 12, 1079-1087. | 5.0 | 29 |
| 80 | Genes, physical fitness and ageing. Ageing Research Reviews, 2013, 12, 90-102. | 5.0 | 45 |
| 81 | Actigraph GT3X: Validation and Determination of Physical Activity Intensity Cut Points. International Journal of Sports Medicine, 2013, 34, 975-982. | 0.8 | 269 |
| 82 | Intermonitor Variability of GT3X Accelerometer. International Journal of Sports Medicine, 2012, 33, 994-999. | 0.8 | 53 |
| 83 | Whole-body vibration as a method of recovery for soccer players. European Journal of Sport Science, 2012, 12, 2-8. | 1.4 | 16 |
| 84 | Acute Effects of Whole-Body Vibration on Neuromuscular Responses in Older Individuals: Implications for Prescription of Vibratory Stimulation. Journal of Strength and Conditioning Research, 2012, 26, 232-239. | 1.0 | 20 |
| 85 | Maximal Strength on Different Resistance Training Rowing Exercises Predicts Start Phase Performance in Elite Kayakers. Journal of Strength and Conditioning Research, 2012, 26, 941-946. | 1.0 | 29 |
| 86 | Are centenarians genetically predisposed to lower disease risk?. Age, 2012, 34, 1269-1283. | 3.0 | 15 |
| 87 | Acute effects of whole-body vibrations on balance, maximal force and perceived exertion: Vertical platform versus oscillating platform. European Journal of Sport Science, 2012, 12, 425-430. | 1.4 | 6 |
| 88 | Whole-body vibration increases upper and lower body muscle activity in older adults: Potential use of vibration accessories. Journal of Electromyography and Kinesiology, 2012, 22, 456-462. | 0.7 | 33 |
| 89 | Technical variability of the GT3X accelerometer. Medical Engineering and Physics, 2012, 34, 787-790. | 0.8 | 145 |
| 90 | Single and combined influence of ACE and ACTN3 genotypes on muscle phenotypes in octogenarians. European Journal of Applied Physiology, 2012, 112, 2409-2420. | 1.2 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Are mitochondrial haplogroups associated with extreme longevity? A study on a Spanish cohort. <i>Age</i> , 2012, 34, 227-233. | 3.0 | 22 |
| 92 | Looking for an International Consensus Exercise Guidelines in HIV. <i>Journal of AIDS & Clinical Research</i> , 2012, 03, . | 0.5 | 0 |
| 93 | Comparación entre la respuesta de la actividad muscular lumbar en plataforma vibratoria y en ejercicio clásico de squat isométrico en 30° y 60°. (A comparison of the lumbar muscle activity) <i>TJ ETQq1 1 0.784314 rgBT /Over</i> <i>Revista Internacional De Ciencias Del Deporte</i> , 2012, 8, 31-43. | 0.1 | 1 |
| 94 | Reliability and Validity of the OMNI-Vibration Exercise Scale of Perceived Exertion. <i>Journal of Sports Science and Medicine</i> , 2012, 11, 438-43. | 0.7 | 4 |
| 95 | Effects of 7-weeks competitive training period on physiological and mental condition of top level judoists. <i>Journal of Sports Medicine and Physical Fitness</i> , 2012, 52, 1-10. | 0.4 | 10 |
| 96 | An analysis of competition in young tennis players. <i>European Journal of Sport Science</i> , 2011, 11, 39-43. | 1.4 | 30 |
| 97 | A comparison of training intensity between whole-body vibration and conventional squat exercise. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 616-621. | 0.7 | 27 |
| 98 | Is the ACE I/D polymorphism associated with extreme longevity? A study on a Spanish cohort. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011, 12, 202-207. | 1.0 | 13 |
| 99 | Effects of Different Vibration Exercises on Bench Press. <i>International Journal of Sports Medicine</i> , 2011, 32, 743-748. | 0.8 | 8 |
| 100 | Are "Endurance" Alleles "Survival" Alleles? Insights from the ACTN3 R577X Polymorphism. <i>PLoS ONE</i> , 2011, 6, e17558. | 1.1 | 25 |
| 101 | Physical Activity Measurements Using Accelerometers and Pedometers in HIV-Infected People. <i>Journal of AIDS & Clinical Research</i> , 2011, 02, . | 0.5 | 8 |
| 102 | Whole-body vibration training increases muscle strength and mass in older women: a randomized-controlled trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 200-207. | 1.3 | 173 |
| 103 | Whole-body vibration alters blood flow velocity and neuromuscular activity in Friedreich's ataxia. <i>Clinical Physiology and Functional Imaging</i> , 2010, 31, no-no. | 0.5 | 19 |
| 104 | Eccentric exercise induces nitric oxide synthase expression through nuclear factor- κ B modulation in rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2010, 108, 575-583. | 1.2 | 37 |
| 105 | Monitoring biological and psychological measures throughout an entire season in male handball players. <i>European Journal of Sport Science</i> , 2010, 10, 377-384. | 1.4 | 30 |
| 106 | Feelings of well being in elderly people: Relationship to physical activity and physical function. <i>Archives of Gerontology and Geriatrics</i> , 2009, 48, 306-312. | 1.4 | 106 |
| 107 | THE EFFECTS OF MOVEMENT VELOCITY DURING SQUATTING ON ENERGY EXPENDITURE AND SUBSTRATE UTILIZATION IN WHOLE-BODY VIBRATION. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 594-598. | 1.0 | 0 |
| 108 | The Effects of Movement Velocity During Squatting on Energy Expenditure and Substrate Utilization in Whole-Body Vibration. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 594. | 1.0 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|----------|-----------|
| 109 | Determination and validity of critical swimming velocity in elite physically disabled swimmers. <i>Disability and Rehabilitation</i> , 2006, 28, 1551-1556. | 0.9 | 6 |
| 110 | Cuantificación de la actividad física en personas mayores. <i>Revista Espanola De Geriatria Y Gerontologia</i> , 2005, 40, 47-52. | 0.2 | 3 |
| 111 | Diferentes modelos de regresión para describir la relación vO ₂ -fc y para estimar el vO ₂ a diferentes intensidades de esfuerzo. (Different models of regression to describe the relation VO ₂ -Fc and to) <i>Tj ETQq1 1 0.784614 rgBT /Overlock</i> | 0.784614 | 1 |
| 112 | Anaerobic energy provision does not limit Wingate exercise performance in endurance-trained cyclists. <i>Journal of Applied Physiology</i> , 2003, 94, 668-676. | 1.2 | 155 |
| 113 | Ventilatory Efficiency during Exercise in Healthy Subjects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 1443-1448. | 2.5 | 323 |
| 114 | Variables of influence on the fluctuation of the mood profile among professional basketball players during a competitive period. <i>International Journal of Sport and Exercise Psychology</i> , 0, , 1-14. | 1.1 | 1 |