Nuria Garatachea

List of Publications by Year in descending order

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Νιίρια Οδράτας μελ

#	Article	IF	CITATIONS
1	Acute effects of long-distance races on heart rate variability and arterial stiffness: A systematic review and meta-analysis. Journal of Sports Sciences, 2022, 40, 248-270.	2.0	3
2	Estimation of the second ventilatory threshold through ventricular repolarization profile analysis. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 339-349.	2.9	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. Sensors, 2021, 21, 902.	3.8	31
4	ECG Ventricular Repolarization Dynamics during Exercise: Temporal Profile, Relation to Heart Rate Variability and Effects of Age and Physical Health. International Journal of Environmental Research and Public Health, 2021, 18, 9497.	2.6	3
5	Electrocardiogram-Derived Tidal Volume During Treadmill Stress Test. IEEE Transactions on Biomedical Engineering, 2020, 67, 193-202.	4.2	9
6	Heart Rate Variability and Exceptional Longevity. Frontiers in Physiology, 2020, 11, 566399.	2.8	21
7	Effects of a 75-km mountain ultra-marathon on heart rate variability in amateur runners. Journal of Sports Medicine and Physical Fitness, 2020, 60, 1401-1407.	0.7	4
8	Healthspan and lifespan extension by fecal microbiota transplantation into progeroid mice. Nature Medicine, 2019, 25, 1234-1242.	30.7	352
9	Physical Exercise. , 2019, , 24-24.		0
10	Physical Activity and Sedentary Behavior at the End of the Human Lifespan. Journal of Aging and Physical Activity, 2019, 27, 899-905.	1.0	6
11	Effects of Whole Body Vibration on Tibia Strength and Structure of Competitive Adolescent Swimmers: A Randomized Controlled Trial. PM and R, 2018, 10, 889-897.	1.6	5
12	Validation of Heart Rate Monitor Polar RS800 for Heart Rate Variability Analysis During Exercise. Journal of Strength and Conditioning Research, 2018, 32, 716-725.	2.1	95
13	Methodological framework for heart rate variability analysis during exercise: application to running and cycling stress testing. Medical and Biological Engineering and Computing, 2018, 56, 781-794.	2.8	18
14	Inflammation and coronary artery disease: The exercise paradox. Cytokine, 2018, 111, 371-372.	3.2	2
15	Circulating leptin and adiponectin concentrations in healthy exceptional longevity. Mechanisms of Ageing and Development, 2017, 162, 129-132.	4.6	12
16	Vitamin D for Healthy Aging. Journal of the American Geriatrics Society, 2017, 65, 1629-1630.	2.6	0
17	Is the SenseWear Armband accurate enough to quantify and estimate energy expenditure in healthy adults?. Annals of Translational Medicine, 2017, 5, 97-97.	1.7	32
18	Physical Exercise as an Effective Antiaging Intervention. BioMed Research International, 2017, 2017, 1-2.	1.9	4

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19	Comparison of Heart Rate Variability Assessment During Exercise from Polar RS800 and ECG. , 2017, , .		Ο
20	Physical and Physiological Characteristics of Judo Athletes: An Update. Sports, 2016, 4, 20.	1.7	38
21	The genetics of exceptional longevity: Insights from centenarians. Maturitas, 2016, 90, 49-57.	2.4	33
22	Physical Activity and Alzheimer Disease: A Protective Association. Mayo Clinic Proceedings, 2016, 91, 999-1020.	3.0	108
23	No evidence of adverse cardiac remodeling in former elite endurance athletes. International Journal of Cardiology, 2016, 222, 171-177.	1.7	15
24	Incidence of sudden cardiac death in professional cycling. International Journal of Cardiology, 2016, 223, 222-223.	1.7	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.	1.7	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.	4.4	21
27	Exercise as an adjuvant therapy against chronic atrial fibrillation. International Journal of Cardiology, 2016, 207, 180-184.	1.7	11
28	Galectin-3, osteopontin and successful aging. Clinical Chemistry and Laboratory Medicine, 2016, 54, 873-7.	2.3	10
29	Trace elements levels in centenarian â€~dodgers'. Journal of Trace Elements in Medicine and Biology, 2016, 35, 103-106.	3.0	17
30	Impact of gestational risk factors on maternal cardiovascular system. Annals of Translational Medicine, 2016, 4, 253-253.	1.7	3
31	Validation study of Polar V800 accelerometer. Annals of Translational Medicine, 2016, 4, 278-278.	1.7	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.	2.3	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.	3.4	10
34	Effects of cigarette smoking and nicotine metabolite ratio on leukocyte telomere length Environmental Research, 2015, 140, 488-494.	7.5	38
35	Attenuation of the influence of cardiolocomotor 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.	2.5	3

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37	Where Are Supercentenarians Located? A Worldwide Demographic Study. Rejuvenation Research, 2015, 18, 14-19.	1.8	10
38	The <i>ApoE</i> Gene Is Related with Exceptional Longevity: A Systematic Review and Meta-Analysis. Rejuvenation Research, 2015, 18, 3-13.	1.8	46
39	Non-Steroidal Anti-Inflammatory Drugs as a Treatment for Alzheimer's Disease: A Systematic Review and Meta-Analysis of Treatment Effect. Drugs and Aging, 2015, 32, 139-147.	2.7	140
40	Anthropometric characteristics and neuromuscular function in young judo athletes by sex, age and weight category. Sport Sciences for Health, 2015, 11, 117-124.	1.3	21
41	Strenuous Exercise Worse Than Sedentarism?. Journal of the American College of Cardiology, 2015, 65, 2673-2674.	2.8	6
42	My patient wants to perform strenuous endurance exercise. What's the right advice?. International Journal of Cardiology, 2015, 197, 248-253.	1.7	14
43	Body composition using bioelectrical impedance analysis in elite young soccer players: the effects of age and playing position. Sport Sciences for Health, 2015, 11, 203-210.	1.3	7
44	Exercise during pregnancy. A narrative review asking: what do we know?. British Journal of Sports Medicine, 2015, 49, 1377-1381.	6.7	76
45	Serum eicosapentaenoic acid to arachidonic acid ratio is associated with cardio-healthy exceptional longevity. International Journal of Cardiology, 2015, 184, 655-656.	1.7	6
46	Predictive value of NT-proBNP combined with exercise capacity variables in pulmonary artery disease: Insights from a Spanish cohort. International Journal of Cardiology, 2015, 186, 32-34.	1.7	6
47	Regular physical activity: a little is good, but is it good enough?. American Journal of Clinical Nutrition, 2015, 101, 1099-1101.	4.7	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. Age, 2015, 37, 9776.	3.0	25
49	Long-term Strenuous Endurance Exercise and the Right Ventricle: Is It a Real Matter of Concern?. Canadian Journal of Cardiology, 2015, 31, 1304.e1.	1.7	1
50	Exercise as a Polypill for Chronic Diseases. Progress in Molecular Biology and Translational Science, 2015, 135, 497-526.	1.7	71
51	Exercise Attenuates the Major Hallmarks of Aging. Rejuvenation Research, 2015, 18, 57-89.	1.8	275
52	Physical Inactivity and Low Fitness Deserve More Attention to Alter Cancer Risk and Prognosis. Cancer Prevention Research, 2015, 8, 105-110.	1.5	67
53	Strenuous endurance exercise and right ventricular systolic function: No evidence of long-term sequelae. International Journal of Cardiology, 2015, 179, 297-298.	1.7	7
54	Effects of allopurinol on exercise-induced muscle damage: new therapeutic approaches?. Cell Stress and Chaperones, 2015, 20, 3-13.	2.9	19

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55	Niemann-Pick disease treatment: a systematic review of clinical trials. Annals of Translational Medicine, 2015, 3, 360.	1.7	25
56	Genetic variants in the PPARD-PPARGC1A-NRF-TFAM mitochondriogenesis pathway are neither associated with muscle characteristics nor physical performance in elderly. [Variaciones genéticas en la vÃa de la mitocondriogénesis PPARD-PPARGC1A-NRF-TFAM no están asociadas ni con caracterÃsticas musculares ni con rendimiento fÃsico en personas mayores] RICYDE Revista Internacional De Ciencias Del Deporte, 2015, 11, 196-208.	0.2	1
57	FNDC5 (irisin) gene and exceptional longevity: a functional replication study with rs16835198 and rs726344 SNPs. Age, 2014, 36, 9733.	3.0	15
58	Exome sequencing of three cases of familial exceptional longevity. Aging Cell, 2014, 13, 1087-1090.	6.7	16
59	PYGM expression analysis in white blood cells: A complementary tool for diagnosing McArdle disease?. Neuromuscular Disorders, 2014, 24, 1079-1086.	0.6	10
60	Objectively Assessed Physical Activity Levels in Spanish Cancer Survivors. Oncology Nursing Forum, 2014, 41, E12-E20.	1.2	16
61	The rs1333049 polymorphism on locus 9p21.3 and extreme longevity in Spanish and Japanese cohorts. Age, 2014, 36, 933-943.	3.0	10
62	Elite Athletes Live Longer Than the General Population: A Meta-Analysis. Mayo Clinic Proceedings, 2014, 89, 1195-1200.	3.0	133
63	Can Enhanced Autophagy Be Associated with Human Longevity? Serum Levels of the Autophagy Biomarker Beclin-1 Are Increased in Healthy Centenarians. Rejuvenation Research, 2014, 17, 518-524.	1.8	43
64	Strenuous exercise and the heart: Are we not seeing the wood for the trees?. International Journal of Cardiology, 2014, 176, 1304-1305.	1.7	3
65	Wholeâ€body vibration training increases physical fitness measures without alteration of inflammatory markers in older adults. European Journal of Sport Science, 2014, 14, 611-619.	2.7	25
66	Serum Irisin Levels, Precocious Myocardial Infarction, and Healthy Exceptional Longevity. American Journal of Medicine, 2014, 127, 888-890.	1.5	72
67	Levels of moderate–vigorous physical activity are low in Spanish children with cystic fibrosis: A comparison with healthy controls. Journal of Cystic Fibrosis, 2014, 13, 335-340.	0.7	32
68	ApoE gene and exceptional longevity: Insights from three independent cohorts. Experimental Gerontology, 2014, 53, 16-23.	2.8	66
69	PTK2 rs7460 and rs7843014 Polymorphisms and Exceptional Longevity: A Functional Replication Study. Rejuvenation Research, 2014, 17, 430-438.	1.8	6
70	Inter-trial variability of GT3X accelerometer. Science and Sports, 2014, 29, e7-e10.	0.5	1
71	ACTN3 R577X Polymorphism and Explosive Leg-Muscle Power in Elite Basketball Players. International Journal of Sports Physiology and Performance, 2014, 9, 226-232.	2.3	31
72	Reduced Mortality in Former Elite Endurance Athletes. International Journal of Sports Physiology and Performance, 2014, 9, 1046-1049.	2.3	9

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73	Comparison Of Two Systems Designed To Measure Vertical Jump Height. [Comparación de dos sistemas diseA±ados para medir altura de salto vertical] RICYDE Revista Internacional De Ciencias Del Deporte, 2014, 10, 123-130.	0.2	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.	4.2	29
75	Exercise is the Real Polypill. Physiology, 2013, 28, 330-358.	3.1	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.	1.8	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.	10.9	29
80	Genes, physical fitness and ageing. Ageing Research Reviews, 2013, 12, 90-102.	10.9	45
81	Actigraph GT3X: Validation and Determination of Physical Activity Intensity Cut Points. International Journal of Sports Medicine, 2013, 34, 975-982.	1.7	269
82	Intermonitor Variability of GT3X Accelerometer. International Journal of Sports Medicine, 2012, 33, 994-999.	1.7	53
83	Wholeâ€body vibration as a method of recovery for soccer players. European Journal of Sport Science, 2012, 12, 2-8.	2.7	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.	2.1	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.	2.1	29
86	Are centenarians genetically predisposed to lower disease risk?. Age, 2012, 34, 1269-1283.	3.0	15
87	Acute effects of wholeâ€body vibrations on balance, maximal force and perceived exertion: Vertical platform versus oscillating platform. European Journal of Sport Science, 2012, 12, 425-430.	2.7	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.	1.7	33
89	Technical variability of the GT3X accelerometer. Medical Engineering and Physics, 2012, 34, 787-790.	1.7	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.	2.5	33

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91	Are mitochondrial haplogroups associated with extreme longevity? A study on a Spanish cohort. Age, 2012, 34, 227-233.	3.0	22
92	Looking for an International Consensus Exercise Guidelines in HIV. Journal of AIDS & Clinical Research, 2012, 03, .	0.5	0
93	ComparaciÃ ³ n entre la respuesta de la actividad muscular lumbar en plataforma vibratoria y en ejercicio clÃ _i sico de squat isométrico en 30º y 60º. (A comparison of the lumbar muscle activity) Tj ETQq1 1	0.784314 0.2	l rgBT /Overl
94	Revisianternacional De Clencias Der Deporte, 2012, 8, 51-45. Reliability and Validity of the OMNI-Vibration Exercise Scale of Perceived Exertion. Journal of Sports Science and Medicine, 2012, 11, 438-43.	1.6	4
95	Effects of 7-weeks competitive training period on physiological and mental condition of top level judoists. Journal of Sports Medicine and Physical Fitness, 2012, 52, 1-10.	0.7	10
96	An analysis of competition in young tennis players. European Journal of Sport Science, 2011, 11, 39-43.	2.7	30
97	A comparison of training intensity between whole-body vibration and conventional squat exercise. Journal of Electromyography and Kinesiology, 2011, 21, 616-621.	1.7	27
98	Is the <i> ACE</i> I/D polymorphism associated with extreme longevity? A study on a Spanish cohort. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2011, 12, 202-207.	1.7	13
99	Effects of Different Vibration Exercises on Bench Press. International Journal of Sports Medicine, 2011, 32, 743-748.	1.7	8
100	Are â€~Endurance' Alleles â€~Survival' Alleles? Insights from the ACTN3 R577X Polymorphism. PLoS ONE, 6, e17558.	2011, 2.5	25
101	Physical Activity Measurements Using Accelerometers and Pedometers in HIV-Infected People. Journal of AIDS & Clinical Research, 2011, 02, .	0.5	8
102	Whole-body vibration training increases muscle strength and mass in older women: a randomized-controlled trial. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 200-207.	2.9	173
103	Whole-body vibration alters blood flow velocity and neuromuscular activity in Friedreich's ataxia. Clinical Physiology and Functional Imaging, 2010, 31, no-no.	1.2	19
104	Eccentric exercise induces nitric oxide synthase expression through nuclear factor-κB modulation in rat skeletal muscle. Journal of Applied Physiology, 2010, 108, 575-583.	2.5	37
105	Monitoring biological and psychological measures throughout an entire season in male handball players. European Journal of Sport Science, 2010, 10, 377-384.	2.7	30
106	Feelings of well being in elderly people: Relationship to physical activity and physical function. Archives of Gerontology and Geriatrics, 2009, 48, 306-312.	3.0	106
107	THE EFFECTS OF MOVEMENT VELOCITY DURING SQUATTING ON ENERGY EXPENDITURE AND SUBSTRATE UTILIZATION IN WHOLE-BODY VIBRATION. Journal of Strength and Conditioning Research, 2007, 21, 594-598.	2.1	0
108	The Effects of Movement Velocity During Squatting on Energy Expenditure and Substrate Utilization in Whole-Body Vibration. Journal of Strength and Conditioning Research, 2007, 21, 594.	2.1	33

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109	Determination and validity of critical swimming velocity in elite physically disabled swimmers. Disability and Rehabilitation, 2006, 28, 1551-1556.	1.8	6
110	Cuantificación de la actividad fÃsica en personas mayores. Revista Espanola De Geriatria Y Gerontologia, 2005, 40, 47-52.	0.7	3
111	Diferentes modelos de regresión para describir la relación vO2-fc y para estimar el vO2 a diferentes intensidades de esfuerzo. (Different models of regression to describe the relation VO2-Fc and to) Tj ETQq1 1 0.78	4 0.1 24 rgB	T þOverlock
112	Anaerobic energy provision does not limit Wingate exercise performance in endurance-trained cyclists. Journal of Applied Physiology, 2003, 94, 668-676.	2.5	155
113	Ventilatory Efficiency during Exercise in Healthy Subjects. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 1443-1448.	5.6	323
114	Variables of influence on the fluctuation of the mood profile among professional basketball players during a competitive period. International Journal of Sport and Exercise Psychology, 0, , 1-14.	2.1	1