

Cecilia Dorado-García

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,733
citations

201674

27
h-index

182427

51
g-index

73
all docs

73
docs citations

73
times ranked

2866
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of velocity loss during resistance training on athletic performance, strength gains and muscle adaptations. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 724-735.	2.9	290
2	Role of muscle mass on sprint performance: gender differences?. <i>European Journal of Applied Physiology</i> , 2008, 102, 685-694.	2.5	171
3	Bone Mineral Content and Density in Professional Tennis Players. <i>Calcified Tissue International</i> , 1998, 62, 491-496.	3.1	151
4	Enhanced bone mass and physical fitness in prepubescent footballers. <i>Bone</i> , 2003, 33, 853-859.	2.9	123
5	High Femoral Bone Mineral Density Accretion in Prepubertal Soccer Players. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1789-1795.	0.4	121
6	Regular participation in sports is associated with enhanced physical fitness and lower fat mass in prepubertal boys. <i>International Journal of Obesity</i> , 2004, 28, 1585-1593.	3.4	117
7	High femoral bone mineral content and density in male football (soccer) players. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 1682-1687.	0.4	104
8	Muscular development and physical activity as major determinants of femoral bone mass acquisition during growth. <i>British Journal of Sports Medicine</i> , 2005, 39, 611-616.	6.7	101
9	Influence of extracurricular sport activities on body composition and physical fitness in boys: a 3-year longitudinal study. <i>International Journal of Obesity</i> , 2006, 30, 1062-1071.	3.4	99
10	Enhanced bone mass and physical fitness in young female handball players. <i>Bone</i> , 2004, 35, 1208-1215.	2.9	98
11	Leptin receptors in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2007, 102, 1786-1792.	2.5	79
12	The upper extremity of the professional tennis player: muscle volumes, fiber type distribution and muscle strength. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 524-534.	2.9	75
13	Associations between Screen Time and Physical Activity among Spanish Adolescents. <i>PLoS ONE</i> , 2011, 6, e24453.	2.5	71
14	Effects of Recovery Mode on Performance, O_2 Uptake, and O_2 Deficit During High-Intensity Intermittent Exercise. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2004, 29, 227-244.	1.7	70
15	Increased oxidative stress and anaerobic energy release, but blunted Thr ¹⁷² -AMPK \pm phosphorylation, in response to sprint exercise in severe acute hypoxia in humans. <i>Journal of Applied Physiology</i> , 2012, 113, 917-928.	2.5	66
16	Fractional use of anaerobic capacity during a 30- and a 45-s Wingate test. <i>European Journal of Applied Physiology</i> , 1997, 76, 308-313.	2.5	59
17	Bone and lean mass inter-arm asymmetries in young male tennis players depend on training frequency. <i>European Journal of Applied Physiology</i> , 2010, 110, 83-90.	2.5	53
18	Iliopsoas and Gluteal Muscles Are Asymmetric in Tennis Players but Not in Soccer Players. <i>PLoS ONE</i> , 2011, 6, e22858.	2.5	52

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19	Critical role for free radicals on sprint exercise-induced CaMKII and AMPK $\hat{\pm}$ phosphorylation in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2013, 114, 566-577.	2.5	48
20	Serum free testosterone, leptin and soluble leptin receptor changes in a 6-week strength-training programme. <i>British Journal of Nutrition</i> , 2006, 96, 1053-1059.	2.3	46
21	Gender Dimorphism in Skeletal Muscle Leptin Receptors, Serum Leptin and Insulin Sensitivity. <i>PLoS ONE</i> , 2008, 3, e3466.	2.5	46
22	Strength training combined with plyometric jumps in adults: sex differences in fat-bone axis adaptations. <i>Journal of Applied Physiology</i> , 2009, 106, 1100-1111.	2.5	45
23	Large Asymmetric Hypertrophy of Rectus Abdominis Muscle in Professional Tennis Players. <i>PLoS ONE</i> , 2010, 5, e15858.	2.5	44
24	Artistic Versus Rhythmic Gymnastics: Effects on Bone and Muscle Mass in Young Girls. <i>International Journal of Sports Medicine</i> , 2007, 28, 386-393.	1.7	42
25	Bone Mass in Prepubertal Tennis Players. <i>International Journal of Sports Medicine</i> , 2010, 31, 416-420.	1.7	38
26	Inter-arm asymmetry in bone mineral content and bone area in postmenopausal recreational tennis players. <i>Maturitas</i> , 2004, 48, 289-298.	2.4	36
27	Regulation of Nrf2/Keap1 signalling in human skeletal muscle during exercise to exhaustion in normoxia, severe acute hypoxia and post-exercise ischaemia: Influence of metabolite accumulation and oxygenation. <i>Redox Biology</i> , 2020, 36, 101627.	9.0	31
28	Muscle hypertrophy and increased expression of leptin receptors in the musculus triceps brachii of the dominant arm in professional tennis players. <i>European Journal of Applied Physiology</i> , 2010, 108, 749-758.	2.5	26
29	Bone mass, bone mineral density and muscle mass in professional golfers. <i>Journal of Sports Sciences</i> , 2002, 20, 591-597.	2.0	25
30	Contribution of Individual and Environmental Factors to Physical Activity Level among Spanish Adults. <i>PLoS ONE</i> , 2012, 7, e38693.	2.5	25
31	Muscle Hypertrophy in Prepubescent Tennis Players: A Segmentation MRI Study. <i>PLoS ONE</i> , 2012, 7, e33622.	2.5	24
32	Marked Effects of Pilates on the Abdominal Muscles. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1589-1594.	0.4	21
33	The hypertrophy of the lateral abdominal wall and quadratus lumborum is sport-specific: an MRI segmental study in professional tennis and soccer players. <i>Sports Biomechanics</i> , 2013, 12, 54-67.	1.6	21
34	A Single Question of Parent-Reported Physical Activity Levels Estimates Objectively Measured Physical Fitness and Body Composition in Preschool Children: The PREFIT Project. <i>Frontiers in Psychology</i> , 2019, 10, 1585.	2.1	18
35	Higher socioeconomic status is related to healthier levels of fatness and fitness already at 3 to 5 years of age: The PREFIT project. <i>Journal of Sports Sciences</i> , 2019, 37, 1327-1337.	2.0	18
36	Role of CaMKII and sarcolipin in muscle adaptations to strength training with different levels of fatigue in the set. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 91-103.	2.9	18

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37	Bone Mass and the CAG and GGN Androgen Receptor Polymorphisms in Young Men. PLoS ONE, 2010, 5, e11529.	2.5	17
38	Supplementation with a Mango Leaf Extract (Zynamite®) in Combination with Quercetin Attenuates Muscle Damage and Pain and Accelerates Recovery after Strenuous Damaging Exercise. Nutrients, 2020, 12, 614.	4.1	17
39	The relative age effect on physical fitness in preschool children. Journal of Sports Sciences, 2020, 38, 1506-1515.	2.0	17
40	Androgen receptor gene polymorphisms lean mass and performance in young men. British Journal of Sports Medicine, 2011, 45, 95-100.	6.7	16
41	Skeletal Muscle Pyruvate Dehydrogenase Phosphorylation and Lactate Accumulation During Sprint Exercise in Normoxia and Severe Acute Hypoxia: Effects of Antioxidants. Frontiers in Physiology, 2018, 9, 188.	2.8	16
42	Androgen receptor gene polymorphism influence fat accumulation: A longitudinal study from adolescence to adult age. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 1313-1320.	2.9	14
43	Skeletal muscle signaling, metabolism, and performance during sprint exercise in severe acute hypoxia after the ingestion of antioxidants. Journal of Applied Physiology, 2017, 123, 1235-1245.	2.5	14
44	Adiposity and Age Explain Most of the Association between Physical Activity and Fitness in Physically Active Men. PLoS ONE, 2010, 5, e13435.	2.5	14
45	Osteocalcin as a negative regulator of serum leptin concentration in humans: insight from triathlon competitions. European Journal of Applied Physiology, 2010, 110, 635-643.	2.5	13
46	The asymmetry of pectoralis muscles is greater in male prepubertal than in professional tennis players. European Journal of Sport Science, 2016, 16, 780-786.	2.7	12
47	Angiotensin-Converting Enzyme 2 (SARS-CoV-2 receptor) expression in human skeletal muscle. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 2249-2258.	2.9	12
48	Effects of Eccentric Exercise on Cycling Efficiency. Applied Physiology, Nutrition, and Metabolism, 2005, 30, 259-275.	1.7	11
49	Fast regulation of the NF- κ B signalling pathway in human skeletal muscle revealed by high-intensity exercise and ischaemia at exhaustion: Role of oxygenation and metabolite accumulation. Redox Biology, 2022, 55, 102398.	9.0	11
50	The core musculature in male prepubescent tennis players and untrained counterparts: a volumetric MRI study. Journal of Sports Sciences, 2017, 35, 791-797.	2.0	10
51	Androgen Receptor Gene Polymorphisms and the Fat-Bone Axis in Young Men and Women. Journal of Andrology, 2012, 33, 644-650.	2.0	9
52	Training, Leptin Receptors and SOCS3 in Human Muscle. International Journal of Sports Medicine, 2011, 32, 319-326.	1.7	8
53	Antioxidants Facilitate High-Intensity Exercise IL-15 Expression in Skeletal Muscle. International Journal of Sports Medicine, 2019, 40, 16-22.	1.7	8
54	Androgen receptor gene polymorphisms and maximal fat oxidation in men. A longitudinal study.. Nutricion Hospitalaria, 2017, 34, 1089-1098.	0.3	8

#	ARTICLE	IF	CITATIONS
55	Functional reserve and sex differences during exercise to exhaustion revealed by post-exercise ischaemia and repeated supramaximal exercise. <i>Journal of Physiology</i> , 2021, 599, 3853-3878.	2.9	7
56	Look before you leap: on the issue of muscle mass assessment by dual-energy X-ray absorptiometry (reply to Jordan Robert Moon comments). <i>European Journal of Applied Physiology</i> , 2008, 104, 587-588.	2.5	6
57	ANDROGEN RECEPTOR CAG AND GGN REPEAT POLYMORPHISMS AND BONE MASS IN BOYS AND GIRLS. <i>Nutricion Hospitalaria</i> , 2015, 32, 2633-9.	0.3	5
58	Resting Energy Expenditure and Body Composition in Overweight Men and Women Living in a Temperate Climate. <i>Journal of Clinical Medicine</i> , 2020, 9, 203.	2.4	4
59	Greater Reduction in Abdominal Than in Upper Arms Subcutaneous Fat in 10- to 12-Year-Old Tennis Players: A Volumetric MRI Study. <i>Frontiers in Pediatrics</i> , 2019, 7, 345.	1.9	3
60	Hypertrophy of Lumbopelvic Muscles in Inactive Women: A 36-Week Pilates Study. <i>Sports Health</i> , 2020, 12, 547-551.	2.7	2
61	Reply to Martyn-St. James and Carroll. <i>Journal of Applied Physiology</i> , 2009, 107, 637-637.	2.5	0
62	Body composition and muscular fitness in overweight and obese adolescents: Evasyon Study. <i>Revista Andaluza De Medicina Del Deporte</i> , 2015, 8, 28.	0.1	0
63	Androgen receptor CAG and GGN repeat polymorphisms influence performance in boys and girls. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 18-25.	0.7	0
64	Squatting Eccentric Exercise Does not Affect Serum Leptin Concentrations. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S300.	0.4	0
65	Effects Of Six-weeks Of Weight-lifting And Plyometric Exercises On Muscle Mass And Vertical Jump Performance. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S182-S183.	0.4	0
66	Reduced Serum Leptin Concentration following Strength Training Combined with Plyometric Exercises in Young Women. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S284.	0.4	0
67	Leptin receptors in human skeletal muscle. <i>FASEB Journal</i> , 2007, 21, A942.	0.5	0
68	Determination of fat tissue infiltration in human skeletal muscle biopsies. <i>FASEB Journal</i> , 2007, 21, A1357.	0.5	0
69	Effects of combined strength and endurance training on the expression of leptin receptors in human skeletal muscle. <i>FASEB Journal</i> , 2008, 22, 962.7.	0.5	0
70	Gender dymorphism in muscle leptin receptors. <i>FASEB Journal</i> , 2008, 22, 962.3.	0.5	0
71	Androgen Receptor Gene cag and ggn Length Polymorphisms Are Associated With Lean Mass in Women. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S183.	0.4	0
72	Plasma Free Testosterone, Regional Fat Mass And Plasma Leptin Concentration In Men. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 337-338.	0.4	0