

# 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	Fast regulation of the NF- $\kappa$ B signalling pathway in human skeletal muscle revealed by high-intensity exercise and ischaemia at exhaustion: Role of oxygenation and metabolite accumulation. <i>Redox Biology</i> , 2022, 55, 102398.	9.0	11
2	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
3	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
4	Angiotensin-Converting Enzyme 2 (SARS-CoV-2 receptor) expression in human skeletal muscle. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 2249-2258.	2.9	12
5	Hypertrophy of Lumbopelvic Muscles in Inactive Women: A 36-Week Pilates Study. <i>Sports Health</i> , 2020, 12, 547-551.	2.7	2
6	Supplementation with a Mango Leaf Extract (Zynamite <sup>®</sup> ) in Combination with Quercetin Attenuates Muscle Damage and Pain and Accelerates Recovery after Strenuous Damaging Exercise. <i>Nutrients</i> , 2020, 12, 614.	4.1	17
7	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
8	The relative age effect on physical fitness in preschool children. <i>Journal of Sports Sciences</i> , 2020, 38, 1506-1515.	2.0	17
9	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
10	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
11	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
12	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
13	Antioxidants Facilitate High-Intensity Exercise IL-15 Expression in Skeletal Muscle. <i>International Journal of Sports Medicine</i> , 2019, 40, 16-22.	1.7	8
14	Skeletal Muscle Pyruvate Dehydrogenase Phosphorylation and Lactate Accumulation During Sprint Exercise in Normoxia and Severe Acute Hypoxia: Effects of Antioxidants. <i>Frontiers in Physiology</i> , 2018, 9, 188.	2.8	16
15	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
16	The core musculature in male prepubescent tennis players and untrained counterparts: a volumetric MRI study. <i>Journal of Sports Sciences</i> , 2017, 35, 791-797.	2.0	10
17	Skeletal muscle signaling, metabolism, and performance during sprint exercise in severe acute hypoxia after the ingestion of antioxidants. <i>Journal of Applied Physiology</i> , 2017, 123, 1235-1245.	2.5	14
18	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

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19	Androgen receptor gene polymorphisms and maximal fat oxidation in men. A longitudinal study.. <i>Nutricion Hospitalaria</i> , 2017, 34, 1089-1098.	0.3	8
20	Androgen receptor gene polymorphism influence fat accumulation: A longitudinal study from adolescence to adult age. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 1313-1320.	2.9	14
21	The asymmetry of pectoralis muscles is greater in male prepubertal than in professional tennis players. <i>European Journal of Sport Science</i> , 2016, 16, 780-786.	2.7	12
22	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
23	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
24	Critical role for free radicals on sprint exercise-induced CaMKII and AMPK $\pm$ phosphorylation in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2013, 114, 566-577.	2.5	48
25	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
26	Marked Effects of Pilates on the Abdominal Muscles. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1589-1594.	0.4	21
27	Increased oxidative stress and anaerobic energy release, but blunted Thr <sup>172</sup> -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
28	Androgen Receptor Gene Polymorphisms and the Fat-Bone Axis in Young Men and Women. <i>Journal of Andrology</i> , 2012, 33, 644-650.	2.0	9
29	Muscle Hypertrophy in Prepubescent Tennis Players: A Segmentation MRI Study. <i>PLoS ONE</i> , 2012, 7, e33622.	2.5	24
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	Iliopsoas and Gluteal Muscles Are Asymmetric in Tennis Players but Not in Soccer Players. <i>PLoS ONE</i> , 2011, 6, e22858.	2.5	52
32	Associations between Screen Time and Physical Activity among Spanish Adolescents. <i>PLoS ONE</i> , 2011, 6, e24453.	2.5	71
33	Training, Leptin Receptors and SOCS3 in Human Muscle. <i>International Journal of Sports Medicine</i> , 2011, 32, 319-326.	1.7	8
34	Androgen receptor gene polymorphisms lean mass and performance in young men. <i>British Journal of Sports Medicine</i> , 2011, 45, 95-100.	6.7	16
35	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
36	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

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37	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
38	Osteocalcin as a negative regulator of serum leptin concentration in humans: insight from triathlon competitions. <i>European Journal of Applied Physiology</i> , 2010, 110, 635-643.	2.5	13
39	Bone Mass and the CAG and GGN Androgen Receptor Polymorphisms in Young Men. <i>PLoS ONE</i> , 2010, 5, e11529.	2.5	17
40	Large Asymmetric Hypertrophy of Rectus Abdominis Muscle in Professional Tennis Players. <i>PLoS ONE</i> , 2010, 5, e15858.	2.5	44
41	Bone Mass in Prepubertal Tennis Players. <i>International Journal of Sports Medicine</i> , 2010, 31, 416-420.	1.7	38
42	Adiposity and Age Explain Most of the Association between Physical Activity and Fitness in Physically Active Men. <i>PLoS ONE</i> , 2010, 5, e13435.	2.5	14
43	Reply to Martyn-St. James and Carroll. <i>Journal of Applied Physiology</i> , 2009, 107, 637-637.	2.5	0
44	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
45	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
46	Role of muscle mass on sprint performance: gender differences?. <i>European Journal of Applied Physiology</i> , 2008, 102, 685-694.	2.5	171
47	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
48	Gender Dimorphism in Skeletal Muscle Leptin Receptors, Serum Leptin and Insulin Sensitivity. <i>PLoS ONE</i> , 2008, 3, e3466.	2.5	46
49	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
50	Gender dymorphism in muscle leptin receptors. <i>FASEB Journal</i> , 2008, 22, 962.3.	0.5	0
51	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
52	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
53	Leptin receptors in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2007, 102, 1786-1792.	2.5	79
54	Leptin receptors in human skeletal muscle. <i>FASEB Journal</i> , 2007, 21, A942.	0.5	0

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55	Determination of fat tissue infiltration in human skeletal muscle biopsies. <i>FASEB Journal</i> , 2007, 21, A1357.	0.5	0
56	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
57	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
58	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
59	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
60	Effects of Eccentric Exercise on Cycling Efficiency. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005, 30, 259-275.	1.7	11
61	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
62	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
63	Effects of Recovery Mode on Performance, O <sub>2</sub> Uptake, and O <sub>2</sub> Deficit During High-Intensity Intermittent Exercise. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2004, 29, 227-244.	1.7	70
64	Enhanced bone mass and physical fitness in young female handball players. <i>Bone</i> , 2004, 35, 1208-1215.	2.9	98
65	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
66	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
67	Squatting Eccentric Exercise Does not Affect Serum Leptin Concentrations. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S300.	0.4	0
68	Enhanced bone mass and physical fitness in prepubescent footballers. <i>Bone</i> , 2003, 33, 853-859.	2.9	123
69	Bone mass, bone mineral density and muscle mass in professional golfers. <i>Journal of Sports Sciences</i> , 2002, 20, 591-597.	2.0	25
70	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
71	Bone Mineral Content and Density in Professional Tennis Players. <i>Calcified Tissue International</i> , 1998, 62, 491-496.	3.1	151
72	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