

Amelia Guadalupe-Grau

List of Publications by Year in descending order

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69
papers

2,054
citations

236612

25
h-index

243296

44
g-index

71
all docs

71
docs citations

71
times ranked

3154
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicomponent Home-Based Training Program for Chronic Kidney Disease Patients during Movement Restriction. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3416.	1.2	3
2	Impact of the Home Confinement Related to COVID-19 on the Device-Assessed Physical Activity and Sedentary Patterns of Spanish Older Adults. <i>BioMed Research International</i> , 2021, 2021, 1-8.	0.9	11
3	Analysis of Effectiveness of a Supplement Combining <i>Harpagophytum procumbens</i> , <i>Zingiber officinale</i> and <i>Bixa orellana</i> in Healthy Recreational Runners with Self-Reported Knee Pain: A Pilot, Randomized, Triple-Blind, Placebo-Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5538.	1.2	7
4	Effects of Power Training on Physical Activity, Sitting Time, Disability, and Quality of Life in Older Patients With Type 2 Diabetes During the COVID-19 Confinement. <i>Journal of Physical Activity and Health</i> , 2021, 18, 660-668.	1.0	7
5	Effects of myofascial release or self-myofascial release and control position exercises on lower back pain in idiopathic scoliosis: A systematic review. <i>Journal of Bodywork and Movement Therapies</i> , 2021, 27, 16-25.	0.5	10
6	Body Dissatisfaction and Its Association with Health-Related Factors in Rural and Urban Mexican Adolescents from the State of Jalisco. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12215.	1.2	0
7	Comparative Analysis of the Effects of Daily Eating Habits and Physical Activity on Anthropometric Parameters in Elementary School Children in Latvia: PACH Study. <i>Nutrients</i> , 2020, 12, 3818.	1.7	4
8	Health-Related Factors in Rural and Urban Mexican Adolescents from the State of Jalisco: The HELENA-MEX Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8959.	1.2	8
9	Home-based training strategy to maintain muscle function in older adults with diabetes during COVID-19 confinement. <i>Journal of Diabetes</i> , 2020, 12, 701-702.	0.8	12
10	Effects of concurrent exercise training on muscle dysfunction and systemic oxidative stress in older people with COPD. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1591-1603.	1.3	32
11	Reallocating Accelerometer-Assessed Sedentary Time to Light or Moderate- to Vigorous-Intensity Physical Activity Reduces Frailty Levels in Older Adults: An Isotemporal Substitution Approach in the TSHA Study. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 185.e1-185.e6.	1.2	63
12	Skeletal Muscle Power Measurement in Older People: A Systematic Review of Testing Protocols and Adverse Events. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 914-924.	1.7	45
13	Neuromuscular and Cardiovascular Adaptations in Response to High-Intensity Interval Power Training. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 130-138.	1.0	9
14	Effects of 6-month aerobic interval training on skeletal muscle metabolism in middle-aged metabolic syndrome patients. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 585-595.	1.3	17
15	Cognitive Performance across 3 Frailty Phenotypes: Toledo Study for Healthy Aging. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 785-790.	1.2	40
16	Repeated Prolonged Exercise Decreases Maximal Fat Oxidation in Older Men. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 308-316.	0.2	7
17	Role of objectively measured sedentary behaviour in physical performance, frailty and mortality among older adults: A short systematic review. <i>European Journal of Sport Science</i> , 2017, 17, 940-953.	1.4	63
18	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.	1.2	14

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19	The Force-Velocity Relationship in Older People: Reliability and Validity of a Systematic Procedure. <i>International Journal of Sports Medicine</i> , 2017, 38, 1097-1104.	0.8	56
20	Endocrinology of Aging From a Muscle Function Point of View: Results From the Toledo Study for Healthy Aging. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 234-239.	1.2	13
21	Short- and Long-Term Effects of Concurrent Strength and HIIT Training in Octogenarians with COPD. <i>Journal of Aging and Physical Activity</i> , 2017, 25, 105-115.	0.5	21
22	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.	0.4	0
23	Frailty is associated with objectively assessed sedentary behaviour patterns in older adults: Evidence from the Toledo Study for Healthy Aging (TSHA). <i>PLoS ONE</i> , 2017, 12, e0183911.	1.1	77
24	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.	1.3	14
25	Aerobic Exercise Training Increases Muscle Water Content in Obese Middle-Age Men. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 822-828.	0.2	18
26	Greater basal skeletal muscle AMPK \pm phosphorylation in men than in women: Associations with anaerobic performance. <i>European Journal of Sport Science</i> , 2016, 16, 455-464.	1.4	16
27	Limitations to oxygen transport and utilization during sprint exercise in humans: evidence for a functional reserve in muscle O ₂ diffusing capacity. <i>Journal of Physiology</i> , 2015, 593, 4649-4664.	1.3	70
28	Nonlinear relationship between waist to hip ratio, weight and strength in elders: is gender the key?. <i>Biogerontology</i> , 2015, 16, 685-692.	2.0	11
29	Association of regional muscle strength with mortality and hospitalisation in older people. <i>Age and Ageing</i> , 2015, 44, 790-795.	0.7	62
30	GAPDH and β -actin protein decreases with aging, making Stain-Free technology a superior loading control in Western blotting of human skeletal muscle. <i>Journal of Applied Physiology</i> , 2015, 118, 386-394.	1.2	104
31	Effects of an 8-weeks erythropoietin treatment on mitochondrial and whole body fat oxidation capacity during exercise in healthy males. <i>Journal of Sports Sciences</i> , 2015, 33, 570-578.	1.0	11
32	ANDROGEN RECEPTOR CAG AND GGN REPEAT POLYMORPHISMS AND BONE MASS IN BOYS AND GIRLS. <i>Nutricion Hospitalaria</i> , 2015, 32, 2633-9.	0.2	5
33	Influence of age on leptin induced skeletal muscle signalling. <i>Acta Physiologica</i> , 2014, 211, 214-228.	1.8	13
34	Leptin signaling in skeletal muscle after bed rest in healthy humans. <i>European Journal of Applied Physiology</i> , 2014, 114, 345-357.	1.2	22
35	Time-course effects of aerobic interval training and detraining in patients with metabolic syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 792-798.	1.1	62
36	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.	1.2	48

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37	Isoinertial and Isokinetic Sprints: Muscle Signalling. International Journal of Sports Medicine, 2013, 34, 285-292.	0.8	5
38	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. Journal of Applied Physiology, 2012, 113, 917-928.	1.2	66
39	Androgen Receptor Gene Polymorphisms and the Fat \rightarrow Bone Axis in Young Men and Women. Journal of Andrology, 2012, 33, 644-650.	2.0	9
40	Erythropoietin Treatment Enhances Muscle Mitochondrial Capacity in Humans. Frontiers in Physiology, 2012, 3, 50.	1.3	39
41	Skeletal muscle signaling response to sprint exercise in men and women. European Journal of Applied Physiology, 2012, 112, 1917-1927.	1.2	28
42	Men Have Greater Basal Skeletal Muscle Ampk Phosphorylation Than Women. Medicine and Science in Sports and Exercise, 2011, 43, 300.	0.2	0
43	Normal mitochondrial function and increased fat oxidation capacity in leg and arm muscles in obese humans. International Journal of Obesity, 2011, 35, 99-108.	1.6	81
44	Repeated muscle biopsies through a single skin incision do not elicit muscle signaling, but IL-6 mRNA and STAT3 phosphorylation increase in injured muscle. Journal of Applied Physiology, 2011, 110, 1708-1715.	1.2	39
45	Is sprint exercise a leptin signaling mimetic in human skeletal muscle?. Journal of Applied Physiology, 2011, 111, 715-725.	1.2	29
46	Training, Leptin Receptors and SOCS3 in Human Muscle. International Journal of Sports Medicine, 2011, 32, 319-326.	0.8	8
47	Androgen receptor gene polymorphisms lean mass and performance in young men. British Journal of Sports Medicine, 2011, 45, 95-100.	3.1	16
48	Bed rest reduces metabolic protein content and abolishes exercise-induced mRNA responses in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E649-E658.	1.8	109
49	The upper extremity of the professional tennis player: muscle volumes, fiber \rightarrow type distribution and muscle strength. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 524-534.	1.3	75
50	Is Oxidative Stress Involved In Fatigue During High Intensity Sprint Exercise In Severe Acute Hypoxia?. Medicine and Science in Sports and Exercise, 2010, 42, 468.	0.2	1
51	Influence of Hypoxia and Oxidative Stress on Plasma Leptin Responses to Sprint Exercise in Humans. Medicine and Science in Sports and Exercise, 2010, 42, 631.	0.2	0
52	AMPK Phosphorylation, Sirt1 And PGC-1 α Protein Expression After Sprint Exercise In Fed And Fasted Conditions. Medicine and Science in Sports and Exercise, 2010, 42, 147.	0.2	0
53	Muscle hypertrophy and increased expression of leptin receptors in the musculus triceps brachii of the dominant arm in professional tennis players. European Journal of Applied Physiology, 2010, 108, 749-758.	1.2	26
54	SIRT1, AMP-activated protein kinase phosphorylation and downstream kinases in response to a single bout of sprint exercise: influence of glucose ingestion. European Journal of Applied Physiology, 2010, 109, 731-743.	1.2	72

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55	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.	1.2	13
56	Leptin receptor 170 kDa (OB-R170) protein expression is reduced in obese human skeletal muscle: a potential mechanism of leptin resistance. <i>Experimental Physiology</i> , 2010, 95, 160-171.	0.9	47
57	Bone Mass and the CAG and GGN Androgen Receptor Polymorphisms in Young Men. <i>PLoS ONE</i> , 2010, 5, e11529.	1.1	17
58	Adiposity and Age Explain Most of the Association between Physical Activity and Fitness in Physically Active Men. <i>PLoS ONE</i> , 2010, 5, e13435.	1.1	14
59	Reply to Martyn-St. James and Carroll. <i>Journal of Applied Physiology</i> , 2009, 107, 637-637.	1.2	0
60	Exercise and Bone Mass in Adults. <i>Sports Medicine</i> , 2009, 39, 439-468.	3.1	290
61	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.	1.2	45
62	Gender Dimorphism in Skeletal Muscle Leptin Receptors, Serum Leptin and Insulin Sensitivity. <i>PLoS ONE</i> , 2008, 3, e3466.	1.1	46
63	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.	0.2	0
64	Gender dymorphism in muscle leptin receptors. <i>FASEB Journal</i> , 2008, 22, 962.3.	0.2	0
65	Ampk β Phosphorylation In The M. Vastus Lateralis Following Sprint Exercise In Humans. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S194.	0.2	0
66	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.	0.2	0
67	Low Osteogenic Response to Strength Training Combined with Plyometric Exercises in Young Women. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S284.	0.2	0
68	959. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S89.	0.2	0
69	Validity and Reliability of A New Low-Cost Linear Position Transducer to Measure Mean Propulsive Velocity: The ADR device. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 0, , 175433712211043.	0.4	0