

Arny A Ferrando

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,937
citations

361045

20
h-index

264894

42
g-index

62
all docs

62
docs citations

62
times ranked

2050
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous oral stable isotope ingestion to measure whole-body protein turnover. <i>Clinical Nutrition ESPEN</i> , 2022, 49, 385-389.	0.5	3
2	Perioperative assessment of muscle inflammation susceptibility in patients with end-stage osteoarthritis. <i>Journal of Applied Physiology</i> , 2022, 132, 984-994.	1.2	8
3	The contributory role of vascular health in age-related anabolic resistance. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 114-127.	2.9	13
4	International society of sports nutrition position stand: tactical athlete nutrition. <i>Journal of the International Society of Sports Nutrition</i> , 2022, 19, 267-315.	1.7	11
5	Testosterone undecanoate administration prevents declines in fat-free mass but not physical performance during simulated multi-stressor military operations. <i>Journal of Applied Physiology</i> , 2022, 133, 426-442.	1.2	6
6	Effects of high versus standard essential amino acid intakes on whole-body protein turnover and mixed muscle protein synthesis during energy deficit: A randomized, crossover study. <i>Clinical Nutrition</i> , 2021, 40, 767-777.	2.3	22
7	Introducing EL-FIT (Exercise and Liver FITness): A Smartphone App to Prehabilitate and Monitor Liver Transplant Candidates. <i>Liver Transplantation</i> , 2021, 27, 502-512.	1.3	33
8	The impact of Hayward green kiwifruit on dietary protein digestion and protein metabolism. <i>European Journal of Nutrition</i> , 2021, 60, 1141-1148.	1.8	8
9	Equivalent servings of free-range reindeer promote greater net protein balance compared to commercial beef. <i>International Journal of Circumpolar Health</i> , 2021, 80, 1897222.	0.5	0
10	Essential amino acid-enriched whey enhances post-exercise whole-body protein balance during energy deficit more than iso-nitrogenous whey or a mixed-macronutrient meal: a randomized, crossover study. <i>Journal of the International Society of Sports Nutrition</i> , 2021, 18, 4.	1.7	10
11	Daily Consumption of a Specially Formulated Essential Amino Acid-Based Dietary Supplement Improves Physical Performance in Older Adults With Low Physical Functioning. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1184-1191.	1.7	17
12	Metabolic Evaluation of the Dietary Guidelines™ Ounce Equivalents of Protein Food Sources in Young Adults: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2021, 151, 1190-1196.	1.3	14
13	Whole-body protein kinetic models to quantify the anabolic response to dietary protein consumption. <i>Clinical Nutrition Open Science</i> , 2021, 36, 78-90.	0.5	7
14	Pre- and Post-Surgical Nutrition for Preservation of Muscle Mass, Strength, and Functionality Following Orthopedic Surgery. <i>Nutrients</i> , 2021, 13, 1675.	1.7	39
15	Metabolomic profiles are reflective of hypoxia-induced insulin resistance during exercise in healthy young adult males. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R1-R11.	0.9	9
16	Metabolic effects of high-intensity interval training and essential amino acids. <i>European Journal of Applied Physiology</i> , 2021, 121, 3297-3311.	1.2	7
17	Perioperative amino acid infusion reestablishes muscle net balance during total hip arthroplasty. <i>Physiological Reports</i> , 2021, 9, e15055.	0.7	4
18	Effects of testosterone undecanoate on performance during multi-stressor military operations: A trial protocol for the Optimizing Performance for Soldiers II study. <i>Contemporary Clinical Trials Communications</i> , 2021, 23, 100819.	0.5	4

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19	Myofibril and Mitochondrial Area Changes in Type I and II Fibers Following 10 Weeks of Resistance Training in Previously Untrained Men. <i>Frontiers in Physiology</i> , 2021, 12, 728683.	1.3	16
20	High-Intensity interval training and essential amino acid supplementation: Effects on muscle characteristics and whole-body protein turnover. <i>Physiological Reports</i> , 2021, 9, e14655.	0.7	9
21	Proteasome- and Calpain-Mediated Proteolysis, but Not Autophagy, Is Required for Leucine-Induced Protein Synthesis in C2C12 Myotubes. <i>Physiologia</i> , 2021, 1, 22-33.	0.6	4
22	Home-Based Physical Activity and Diet Intervention to Improve Physical Function in Advanced Liver Disease: A Randomized Pilot Trial. <i>Digestive Diseases and Sciences</i> , 2020, 65, 3350-3359.	1.1	50
23	Acute hypoxia reduces exogenous glucose oxidation, glucose turnover, and metabolic clearance rate during steady-state aerobic exercise. <i>Metabolism: Clinical and Experimental</i> , 2020, 103, 154030.	1.5	11
24	Comparison of basal whole-body protein kinetics and muscle protein synthesis between young and older adults. <i>Physiological Reports</i> , 2020, 8, e14633.	0.7	11
25	Essential Amino Acids and Protein Synthesis: Insights into Maximizing the Muscle and Whole-Body Response to Feeding. <i>Nutrients</i> , 2020, 12, 3717.	1.7	52
26	The Anabolic Response to Dietary Protein Is Not Limited by the Maximal Stimulation of Protein Synthesis in Healthy Older Adults: A Randomized Crossover Trial. <i>Nutrients</i> , 2020, 12, 3276.	1.7	12
27	Net protein balance correlates with expression of autophagy, mitochondrial biogenesis, and fat metabolism-related genes in skeletal muscle from older adults. <i>Physiological Reports</i> , 2020, 8, e14575.	0.7	6
28	Muscle Protein Synthesis and Whole-Body Protein Turnover Responses to Ingesting Essential Amino Acids, Intact Protein, and Protein-Containing Mixed Meals with Considerations for Energy Deficit. <i>Nutrients</i> , 2020, 12, 2457.	1.7	38
29	Cadence From Physical Activity Trackers for Monitoring of Home-Based Exercise Intensity in Advanced Liver Disease. <i>Liver Transplantation</i> , 2020, 26, 718-721.	1.3	8
30	Anabolic response to essential amino acid plus whey protein composition is greater than whey protein alone in young healthy adults. <i>Journal of the International Society of Sports Nutrition</i> , 2020, 17, 9.	1.7	25
31	Exercise-Induced Hyperammonemia Does Not Precipitate Overt Hepatic Encephalopathy. <i>Hepatology</i> , 2020, 72, 778-780.	3.6	3
32	LAT1 Protein Content Increases Following 12 Weeks of Resistance Exercise Training in Human Skeletal Muscle. <i>Frontiers in Nutrition</i> , 2020, 7, 628405.	1.6	13
33	Advances in Stable Isotope Tracer Methodology Part 2: New Thoughts about an "Old" Method—Measurement of Whole Body Protein Synthesis and Breakdown in the Fed State. <i>Journal of Investigative Medicine</i> , 2020, 68, 11-15.	0.7	13
34	Expression of genes related to autophagy and protein breakdown are positively correlated with protein synthesis and protein breakdown in skeletal muscle of healthy adults after a bout of resistance exercise. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
35	Consumption of a Specially-Formulated Mixture of Essential Amino Acids Promotes Gain in Whole-Body Protein to a Greater Extent than a Complete Meal Replacement in Older Women with Heart Failure. <i>Nutrients</i> , 2019, 11, 1360.	1.7	21
36	Mitigation of Muscle Loss in Stressed Physiology: Military Relevance. <i>Nutrients</i> , 2019, 11, 1703.	1.7	24

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37	Once Equivalent Protein Ingestion Does Not Result in Equivalent Responses of Protein Kinetics (OR27-05-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz046.OR27-05-19.	0.1	0
38	Acute testosterone administration does not affect muscle anabolism. <i>Nutrition and Metabolism</i> , 2019, 16, 56.	1.3	6
39	Bovine Milk Extracellular Vesicles (EVs) Modification Elicits Skeletal Muscle Growth in Rats. <i>Frontiers in Physiology</i> , 2019, 10, 436.	1.3	24
40	Quantifying the contribution of dietary protein to whole body protein kinetics: examination of the intrinsically labeled proteins method. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E74-E84.	1.8	19
41	Age Reduces Autophagy and Mitochondria Related Gene Expression in Human Skeletal Muscle. <i>FASEB Journal</i> , 2019, 33, .	0.2	0
42	Protein intake distribution pattern does not affect anabolic response, lean body mass, muscle strength or function over 8 weeks in older adults: A randomized-controlled trial. <i>Clinical Nutrition</i> , 2018, 37, 488-493.	2.3	65
43	Severe negative energy balance during 21 d at high altitude decreases fat-free mass regardless of dietary protein intake: a randomized controlled trial. <i>FASEB Journal</i> , 2018, 32, 894-905.	0.2	43
44	Quality of meal protein determines anabolic response in older adults. <i>Clinical Nutrition</i> , 2018, 37, 2076-2083.	2.3	33
45	Exercise and physical activity for patients with end-stage liver disease: Improving functional status and sarcopenia while on the transplant waiting list. <i>Liver Transplantation</i> , 2018, 24, 122-139.	1.3	147
46	Severe energy deficit at high altitude inhibits skeletal muscle mTORC1-mediated anabolic signaling without increased ubiquitin proteasome activity. <i>FASEB Journal</i> , 2018, 32, 5955-5966.	0.2	18
47	Muscle Fn14 gene expression is associated with fat-free mass retention during energy deficit at high altitude. <i>Physiological Reports</i> , 2018, 6, e13801.	0.7	7
48	Anabolic signaling responses to exercise and recovery whey protein are suppressed at high altitude. <i>FASEB Journal</i> , 2018, 32, .	0.2	1
49	Body weight influences genes related to energy metabolism in human skeletal muscle. <i>FASEB Journal</i> , 2018, 32, 589.4.	0.2	1
50	International Society of Sports Nutrition Position Stand: protein and exercise. <i>Journal of the International Society of Sports Nutrition</i> , 2017, 14, 20.	1.7	430
51	Short term elevation in dietary protein intake does not worsen insulin resistance or lipids in older adults with metabolic syndrome: a randomized-controlled trial. <i>BMC Nutrition</i> , 2017, 3, .	0.6	8
52	Prolonged high altitude exposure exacerbates fat-free mass and fat mass loss during negative energy balance regardless of dietary protein intake. <i>FASEB Journal</i> , 2017, 31, 841.17.	0.2	0
53	Canine Detection of the Volatilome: A Review of Implications for Pathogen and Disease Detection. <i>Frontiers in Veterinary Science</i> , 2016, 3, 47.	0.9	93
54	The anabolic response to a meal containing different amounts of protein is not limited by the maximal stimulation of protein synthesis in healthy young adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E73-E80.	1.8	85

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55	Muscle inflammation susceptibility: a prognostic index of recovery potential after hip arthroplasty?. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E670-E679.	1.8	26
56	Quantity of dietary protein intake, but not pattern of intake, affects net protein balance primarily through differences in protein synthesis in older adults. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E21-E28.	1.8	137
57	Effects of a Pre-workout Supplement on Lean Mass, Muscular Performance, Subjective Workout Experience and Biomarkers of Safety. International Journal of Medical Sciences, 2014, 11, 116-126.	1.1	31
58	EAA supplementation to increase nitrogen intake improves muscle function during bed rest in the elderly. Clinical Nutrition, 2010, 29, 18-23.	2.3	208
59	Protein translation and degradation signaling in skeletal muscle following total hip arthroplasty with or without an essential amino acid supplement. FASEB Journal, 2010, 24, lb665.	0.2	0
60	Changes in skeletal muscle protein synthesis in trained adults during recovery from endurance exercise. FASEB Journal, 2008, 22, 312.8.	0.2	0
61	Restoration of hormonal action and muscle protein. Critical Care Medicine, 2007, 35, S630-S634.	0.4	24