Wim Derave

List of Publications by Year
in descending order

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145 papers	7,011 citations	61857 43 h-index	66788 78 g-index
151 all docs	151 docs citations	151 times ranked	7255 citing authors

#	Article	IF	Citations
1	Physiology and Pathophysiology of Carnosine. Physiological Reviews, 2013, 93, 1803-1845.	13.1	763
2	A Simple Exoskeleton That Assists Plantarflexion Can Reduce the Metabolic Cost of Human Walking. PLoS ONE, 2013, 8, e56137.	1.1	329
3	Î²-Alanine supplementation augments muscle carnosine content and attenuates fatigue during repeated isokinetic contraction bouts in trained sprinters. Journal of Applied Physiology, 2007, 103, 1736-1743.	1.2	256
4	Human Sarcopenia Reveals an Increase in SOCS-3 and Myostatin and a Reduced Efficiency of Akt Phosphorylation. Rejuvenation Research, 2008, 11, 163-175B.	0.9	231
5	Glucose, exercise and insulin: emerging concepts. Journal of Physiology, 2001, 535, 313-322.	1.3	198
6	Muscle Carnosine Metabolism and Î²-Alanine Supplementation in Relation to Exercise and Training. Sports Medicine, 2010, 40, 247-263.	3.1	189
7	Carnosine loading and washout in human skeletal muscles. Journal of Applied Physiology, 2009, 106, 837-842.	1.2	153
8	Dissociation of AMP-activated protein kinase activation and glucose transport in contracting slow-twitch muscle. Diabetes, 2000, 49, 1281-1287.	0.3	152
9	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. Nature Communications, 2017, 8, 16015.	5.8	149
10	Caffeine-Induced Impairment of Insulin Action but Not Insulin Signaling in Human Skeletal Muscle Is Reduced by Exercise. Diabetes, 2002, 51, 583-590.	0.3	148
11	Physical Fitness in Morbidly Obese Patients: Effect of Gastric Bypass Surgery and Exercise Training. Obesity Surgery, 2011, 21, 61-70.	1.1	136
12	Mouth rinse but not ingestion of a carbohydrate solution improves 1â€h cycle time trial performance. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 105-111.	1.3	134
13	Important role of muscle carnosine in rowing performance. Journal of Applied Physiology, 2010, 109, 1096-1101.	1.2	133
14	Human skeletal muscle atrophy in amyotrophic lateral sclerosis reveals a reduction in Akt and an increase in atroginâ€1. FASEB Journal, 2006, 20, 583-585.	0.2	127
15	Effects of carnosine supplementation on glucose metabolism: Pilot clinical trial. Obesity, 2016, 24, 1027-1034.	1.5	116
16	Glycogen synthase localization and activity in rat skeletal muscle is strongly dependent on glycogen content. Journal of Physiology, 2001, 531, 757-769.	1.3	113
17	Effect of training in the fasted state on metabolic responses during exercise with carbohydrate intake. Journal of Applied Physiology, 2008, 104, 1045-1055.	1.2	113
18	Exercise in the fasted state facilitates fibre type-specific intramyocellular lipid breakdown and stimulates glycogen resynthesis in humans. Journal of Physiology, 2005, 564, 649-660.	1.3	111

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19	Î²-Alanine supplementation reduces acidosis but not oxygen uptake response during high-intensity cycling exercise. European Journal of Applied Physiology, 2010, 108, 495-503.	1.2	107
20	Vegetarianism, female gender and increasing age, but not CNDP1 genotype, are associated with reduced muscle carnosine levels in humans. Amino Acids, 2011, 40, 1221-1229.	1.2	104
21	Skeletal muscle properties in a transgenic mouse model for amyotrophic lateral sclerosis: effects of creatine treatment. Neurobiology of Disease, 2003, 13, 264-272.	2.1	97
22	Adaptation to walking with an exoskeleton that assists ankle extension. Gait and Posture, 2013, 38, 495-499.	0.6	97
23	Oxidative stress and impaired oligodendrocyte precursor cell differentiation in neurological disorders. Cellular and Molecular Life Sciences, 2021, 78, 4615-4637.	2.4	85
24	A New Method for Non-Invasive Estimation of Human Muscle Fiber Type Composition. PLoS ONE, 2011, 6, e21956.	1.1	80
25	Effects of Histidine and Î²-alanine Supplementation on Human Muscle Carnosine Storage. Medicine and Science in Sports and Exercise, 2017, 49, 602-609.	0.2	76
26	Beta-alanine supplementation, muscle carnosine and exercise performance. Current Opinion in Clinical Nutrition and Metabolic Care, 2015, 18, 63-70.	1.3	74
27	Combined creatine and protein supplementation in conjunction with resistance training promotes muscle GLUT-4 content and glucose tolerance in humans. Journal of Applied Physiology, 2003, 94, 1910-1916.	1.2	73
28	Low plasma carnosinase activity promotes carnosinemia after carnosine ingestion in humans. American Journal of Physiology - Renal Physiology, 2012, 302, F1537-F1544.	1.3	71
29	Gene expression of carnosine-related enzymes and transporters in skeletal muscle. European Journal of Applied Physiology, 2013, 113, 1169-1179.	1.2	66
30	Treadmill Exercise Negatively Affects Visual Contribution to Static Postural Stability. International Journal of Sports Medicine, 2002, 23, 44-49.	0.8	65
31	Effects of sprint training combined with vegetarian or mixed diet on muscle carnosine content and buffering capacity. European Journal of Applied Physiology, 2011, 111, 2571-2580.	1.2	60
32	Muscle carnosine loading by beta-alanine supplementation is more pronounced in trained vs. untrained muscles. Journal of Applied Physiology, 2014, 116, 204-209.	1.2	60
33	Contraction-stimulated muscle glucose transport and GLUT-4 surface content are dependent on glycogen content. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E1103-E1110.	1.8	58
34	Soleus muscles of SAMP8 mice provide an accelerated model of skeletal muscle senescence. Experimental Gerontology, 2005, 40, 562-572.	1.2	57
35	Effect of Beta-Alanine and Carnosine Supplementation on Muscle Contractility in Mice. Medicine and Science in Sports and Exercise, 2013, 45, 43-51.	0.2	57
36	Carnosine and anserine homeostasis in skeletal muscle and heart is controlled by Î²â€alanine transamination. Journal of Physiology, 2016, 594, 4849-4863.	1.3	57

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37	Sports Foods and Dietary Supplements for Optimal Function and Performance Enhancement in Track-and-Field Athletes. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 198-209.	1.0	55
38	Bi-articular Knee-Ankle-Foot Exoskeleton Produces Higher Metabolic Cost Reduction than Weight-Matched Mono-articular Exoskeleton. Frontiers in Neuroscience, 2018, 12, 69.	1.4	54
39	Muscle fiber typology substantially influences time to recover from high-intensity exercise. Journal of Applied Physiology, 2020, 128, 648-659.	1.2	53
40	The influence of exercise and dehydration on postural stability. Ergonomics, 1998, 41, 782-789.	1.1	52
41	Changes in lower limb muscle function and muscle mass following exercise-based interventions in patients with chronic obstructive pulmonary disease: A review of the English-language literature. Chronic Respiratory Disease, 2018, 15, 182-219.	1.0	52
42	Acute Aerobic Exercise Leads to Increased Plasma Levels of R- and S-Î²-Aminoisobutyric Acid in Humans. Frontiers in Physiology, 2019, 10, 1240.	1.3	51
43	Exoskeleton plantarflexion assistance for elderly. Gait and Posture, 2017, 52, 183-188.	0.6	48
44	Hypoxia and contractions do not utilize the same signaling mechanism in stimulating skeletal muscle glucose transport. Biochimica Et Biophysica Acta - General Subjects, 1998, 1380, 396-404.	1.1	46
45	Plasma guanidino compounds are altered by oral creatine supplementation in healthy humans. Journal of Applied Physiology, 2004, 97, 852-857.	1.2	45
46	Meal and Beta-Alanine Coingestion Enhances Muscle Carnosine Loading. Medicine and Science in Sports and Exercise, 2013, 45, 1478-1485.	0.2	42
47	Effect of branched-chain amino acids (BCAA), glucose, and glucose plus BCAA on endurance performance in rats. Medicine and Science in Sports and Exercise, 1999, 31, 583-587.	0.2	42
48	Creatine Supplementation: Exploring the Role of the Creatine Kinase/Phosphocreatine System in Human Muscle. Applied Physiology, Nutrition, and Metabolism, 2001, 26, S79-S102.	1.7	40
49	Fiber type-specific muscle glycogen sparing due to carbohydrate intake before and during exercise. Journal of Applied Physiology, 2007, 102, 183-188.	1.2	40
50	The influence of sex, age and heritability on human skeletal muscle carnosine content. Amino Acids, 2012, 43, 13-20.	1.2	40
51	Reduced muscle carnosine content in type 2, but not in type 1 diabetic patients. Amino Acids, 2012, 43, 21-24.	1.2	40
52	Enhancing performance during inclined loaded walking with a powered ankleâ€“foot exoskeleton. European Journal of Applied Physiology, 2014, 114, 2341-2351.	1.2	40
53	Proton magnetic resonance spectroscopy in skeletal muscle: Experts' consensus recommendations. NMR in Biomedicine, 2021, 34, e4266.	1.6	39
54	An ER-directed gelsolin nanobody targets the first step in amyloid formation in a gelsolin amyloidosis mouse model. Human Molecular Genetics, 2015, 24, 2492-2507.	1.4	38

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55	Î²-Alanine Dose for Maintaining Moderately Elevated Muscle Carnosine Levels. Medicine and Science in Sports and Exercise, 2014, 46, 1426-1432.	0.2	37
56	Changing to a vegetarian diet reduces the body creatine pool in omnivorous women, but appears not to affect carnitine and carnosine homeostasis: a randomised trial. British Journal of Nutrition, 2018, 119, 759-770.	1.2	37
57	Dietary Arginine Supplementation Speeds Pulmonary VË™O2 Kinetics during Cycle Exercise. Medicine and Science in Sports and Exercise, 2009, 41, 1626-1632.	0.2	36
58	Effects of Postâ€absorptive and Postprandial Exercise on Glucoregulation in Metabolic Syndrome. Obesity, 2007, 15, 704-711.	1.5	34
59	Role of adenosine in regulating glucose uptake during contractions and hypoxia in rat skeletal muscle. Journal of Physiology, 1999, 515, 255-263.	1.3	33
60	Doubling of Muscle Carnosine Concentration Does Not Improve Laboratory 1-Hr Cycling Time-Trial Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 315-324.	1.0	33
61	Exercise programs for older men: mode and intensity to induce the highest possible health-related benefits. Preventive Medicine, 2004, 39, 823-833.	1.6	32
62	Changes in structural and metabolic muscle characteristics following exercise-based interventions in patients with COPD: a systematic review. Expert Review of Respiratory Medicine, 2016, 10, 521-545.	1.0	32
63	Absolute quantification of carnosine in human calf muscle by proton magnetic resonance spectroscopy. Physics in Medicine and Biology, 2007, 52, 6781-6794.	1.6	31
64	Uphill walking with a simple exoskeleton: Plantarflexion assistance leads to proximal adaptations. Gait and Posture, 2015, 41, 246-251.	0.6	30
65	No limiting role for glycogenin in determining maximal attainable glycogen levels in rat skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2000, 278, E398-E404.	1.8	29
66	Muscle Carnosine Is Associated with Cardiometabolic Risk Factors in Humans. PLoS ONE, 2015, 10, e0138707.	1.1	29
67	Chaperone Nanobodies Protect Gelsolin Against MT1-MMP Degradation and Alleviate Amyloid Burden in the Gelsolin Amyloidosis Mouse Model. Molecular Therapy, 2014, 22, 1768-1778.	3.7	28
68	Exercise alters and Î²-alanine combined with exercise augments histidyl dipeptide levels and scavenges lipid peroxidation products in human skeletal muscle. Journal of Applied Physiology, 2018, 125, 1767-1778.	1.2	27
69	Creatine supplementation in health and disease: What is the evidence for long-term efficacy?. Molecular and Cellular Biochemistry, 2003, 244, 49-55.	1.4	26
70	AAV9 delivered bispecific nanobody attenuates amyloid burden in the gelsolin amyloidosis mouse model. Human Molecular Genetics, 2017, 26, 1353-1364.	1.4	26
71	Predicting and Testing Bioavailability of Magnesium Supplements. Nutrients, 2019, 11, 1663.	1.7	26
72	Pro- and macroglycogenolysis in contracting rat skeletal muscle. Acta Physiologica Scandinavica, 2000, 169, 291-296.	2.3	24

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73	AMP kinase expression and activity in human skeletal muscle: effects of immobilization, retraining, and creatine supplementation. Journal of Applied Physiology, 2005, 98, 1228-1233.	1.2	24
74	Muscle Histidine-Containing Dipeptides Are Elevated by Glucose Intolerance in Both Rodents and Men. PLoS ONE, 2015, 10, e0121062.	1.1	24
75	An update on carnosine and anserine research. Amino Acids, 2019, 51, 1-4.	1.2	24
76	Development and validation of a sensitive LCâ€“MS/MS assay for the quantification of anserine in human plasma and urine and its application to pharmacokinetic study. Amino Acids, 2019, 51, 103-114.	1.2	24
77	Does low serum carnosinase activity favor high-intensity exercise capacity?. Journal of Applied Physiology, 2014, 116, 553-559.	1.2	23
78	Grounded Running Reduces Musculoskeletal Loading. Medicine and Science in Sports and Exercise, 2019, 51, 708-715.	0.2	22
79	Creatine Supplementation Augments Skeletal Muscle Carnosine Content in Senescence-Accelerated Mice (SAMP8). Rejuvenation Research, 2008, 11, 641-647.	0.9	21
80	Eight weeks of static apnea training increases spleen volume but not acute spleen contraction. Respiratory Physiology and Neurobiology, 2019, 266, 144-149.	0.7	21
81	Prior exercise increases basal and insulin-induced p38 mitogen-activated protein kinase phosphorylation in human skeletal muscle. Journal of Applied Physiology, 2003, 94, 2337-2341.	1.2	20
82	Muscle fiber typology is associated with the incidence of overreaching in response to overload training. Journal of Applied Physiology, 2020, 129, 823-836.	1.2	19
83	Histamine H ₁ and H ₂ receptors are essential transducers of the integrative exercise training response in humans. Science Advances, 2021, 7, .	4.7	19
84	Carnosine in exercise and disease: introduction to the International Congress held at Ghent University, Belgium, July 2011. Amino Acids, 2012, 43, 1-4.	1.2	18
85	Genetic Variations in the Androgen Receptor Are Associated with Steroid Concentrations and Anthropometrics but Not with Muscle Mass in Healthy Young Men. PLoS ONE, 2014, 9, e86235.	1.1	18
86	Plasma carnosine, but not muscle carnosine, attenuates high-fat diet-induced metabolic stress. Applied Physiology, Nutrition and Metabolism, 2015, 40, 868-876.	0.9	18
87	Carnosine Content in Skeletal Muscle Is Dependent on Vitamin B6 Status in Rats. Frontiers in Nutrition, 2015, 2, 39.	1.6	18
88	Cyclic movement frequency is associated with muscle typology in athletes. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 223-229.	1.3	18
89	Ergogenic Effects of Creatine in Sports and Rehabilitation. , 2007, , 246-259.		18
90	Muscle Typology of World-Class Cyclists across Various Disciplines and Events. Medicine and Science in Sports and Exercise, 2021, 53, 816-824.	0.2	18

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91	Androgenic and estrogenic regulation of Atrogin-1, MuRF1 and myostatin expression in different muscle types of male mice. European Journal of Applied Physiology, 2014, 114, 751-761.	1.2	17
92	Determinants of last lap speed in paced and maximal 1500-m time trials. European Journal of Applied Physiology, 2021, 121, 525-537.	1.2	17
93	Dietary Supplements for Aquatic Sports. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 437-449.	1.0	16
94	Differences in muscle histidineâ€containing dipeptides in broilers. Journal of the Science of Food and Agriculture, 2019, 99, 5680-5686.	1.7	15
95	Muscle carnosine in experimental autoimmune encephalomyelitis and multiple sclerosis. Multiple Sclerosis and Related Disorders, 2018, 21, 24-29.	0.9	13
96	Carnosine quenches the reactive carbonyl acrolein in the central nervous system and attenuates autoimmune neuroinflammation. Journal of Neuroinflammation, 2021, 18, 255.	3.1	13
97	No effects of lifelong creatine supplementation on sarcopenia in senescence-accelerated mice (SAMP8). American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E272-E277.	1.8	12
98	Beware of the pickle: health effects of nitrate intake. Journal of Applied Physiology, 2009, 107, 1677-1677.	1.2	12
99	Discriminant musculoâ€skeletal leg characteristics between sprint and endurance elite Caucasian runners. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 275-281.	1.3	12
100	Carnosinase-1 overexpression, but not aerobic exercise training, affects the development of diabetic nephropathy in BTBR ob/ob mice. American Journal of Physiology - Renal Physiology, 2020, 318, F1030-F1040.	1.3	11
101	CORP: quantification of human skeletal muscle carnosine concentration by proton magnetic resonance spectroscopy. Journal of Applied Physiology, 2021, 131, 250-264.	1.2	11
102	Wâ€² Recovery Kinetics after Exhaustion: A Two-Phase Exponential Process Influenced by Aerobic Fitness. Medicine and Science in Sports and Exercise, 2021, 53, 1911-1921.	0.2	11
103	Muscle Fibre Typology as a Novel Risk Factor for Hamstring Strain Injuries in Professional Football (Soccer): A Prospective Cohort Study. Sports Medicine, 2022, 52, 177-185.	3.1	11
104	Regulation of Muscle Glucose Transport during Exercise. International Journal of Sport Nutrition and Exercise Metabolism, 2001, 11, S71-S77.	1.0	10
105	Electrolysis stimulates creatine transport and transporter cell surface expression in incubated mouse skeletal muscle: potential role of ROS. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1250-E1257.	1.8	10
106	Exercise Training and Beta-Alanine-Induced Muscle Carnosine Loading. Frontiers in Nutrition, 2015, 2, 13.	1.6	10
107	Pharmacokinetics of Î²-Alanine Using Different Dosing Strategies. Frontiers in Nutrition, 2018, 5, 70.	1.6	10
108	A Potential Role for Fructosamine-3-Kinase in Cataract Treatment. International Journal of Molecular Sciences, 2021, 22, 3841.	1.8	10

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109	Relationship between duty factor and external forces in slow recreational runners. BMJ Open Sport and Exercise Medicine, 2021, 7, e000996.	1.4	9
110	Carnosine and skeletal muscle dysfunction in a rodent multiple sclerosis model. Amino Acids, 2021, 53, 1749-1761.	1.2	8
111	The ergogenic effect of acute carnosine and anserine supplementation: dosing, timing, and underlying mechanism. Journal of the International Society of Sports Nutrition, 2022, 19, 70-91.	1.7	8
112	Oral creatine supplementation in humans does not elevate urinary excretion of the carcinogen N-nitrososarcosine. Nutrition, 2006, 22, 332-333.	1.1	7
113	A-Z of nutritional supplements: dietary supplements, sports nutrition foods and ergogenic aids for health and performance-Part 20. British Journal of Sports Medicine, 2011, 45, 530-532.	3.1	7
114	Î²-Alanine does not act through branched-chain amino acid catabolism in carp, a species with low muscular carnosine storage. Fish Physiology and Biochemistry, 2015, 41, 281-287.	0.9	7
115	Relationships between Lower Limb Muscle Characteristics and Forceâ€“Velocity Profiles Derived during Sprinting and Jumping. Medicine and Science in Sports and Exercise, 2021, 53, 1400-1411.	0.2	7
116	Determinants of Performance in Paced and Maximal 800-m Running Time Trials. Medicine and Science in Sports and Exercise, 2021, 53, 2635-2644.	0.2	7
117	Carnosine, oxidative and carbonyl stress, antioxidants, and muscle fiber characteristics of quadriceps muscle of patients with COPD. Journal of Applied Physiology, 2021, 131, 1230-1240.	1.2	7
118	Gender Differences in Blood Ammonia Response during Exercise. Archives of Physiology and Biochemistry, 1997, 105, 203-209.	1.0	6
119	Aerobic and resistance training do not influence plasma carnosinase content or activity in type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E663-E669.	1.8	6
120	Effects of tail suspension on serum testosterone and molecular targets regulating muscle mass. Muscle and Nerve, 2015, 52, 278-288.	1.0	6
121	Possible Influences on the Interpretation of Functional Domain (FD) Near-Infrared Spectroscopy (NIRS): An Explorative Study. Applied Spectroscopy, 2016, 70, 363-371.	1.2	6
122	Muscle Fiber Typology and Its Association With Start and Turn Performance in Elite Swimmers. International Journal of Sports Physiology and Performance, 2021, 16, 834-840.	1.1	6
123	Oral anserine supplementation does not attenuate type-2 diabetes or diabetic nephropathy in BTBR ob/ob mice. Amino Acids, 2021, 53, 1269-1277.	1.2	6
124	Role of histidyl dipeptides in contractile function of fast and slow motor units in rat skeletal muscle. Journal of Applied Physiology, 2016, 121, 164-172.	1.2	5
125	Acute preexercise supplementation of combined carnosine and anserine enhances initial maximal power of Wingate tests in humans. Journal of Applied Physiology, 2021, 130, 1868-1878.	1.2	5
126	Creatine supplementation in health and disease: What is the evidence for long-term efficacy?. , 2003, , 49-55.		5

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127	Creatine supplementation in health and disease: what is the evidence for long-term efficacy?. Molecular and Cellular Biochemistry, 2003, 244, 49-55.	1.4	5
128	Fragmented Dosing of Î²-alanine Induces A Body Weight-Independent Pharmacokinetic Response. Nutrients, 2019, 11, 2869.	1.7	4
129	Beta-alanine supplementation in patients with COPD receiving non-linear periodised exercise training or neuromuscular electrical stimulation: protocol of two randomised, double-blind, placebo-controlled trials. BMJ Open, 2020, 10, e038836.	0.8	4
130	Use of ï¿½-Alanine as an Ergogenic Aid. Nestle Nutrition Institute Workshop Series, 2013, 75, 99-108.	1.5	3
131	The role of alanine glyoxylate transaminase-2 (agxt2) in Î²-alanine and carnosine metabolism of healthy mice and humans. European Journal of Applied Physiology, 2020, 120, 2749-2759.	1.2	3
132	The Influence of Muscle Fiber Typology on the Pacing Strategy of 200-m Freestyle Swimmers. International Journal of Sports Physiology and Performance, 2021, 16, 1670-1675.	1.1	3
133	Ergogenic effect of pre-exercise chicken broth ingestion on a high-intensity cycling time-trial. Journal of the International Society of Sports Nutrition, 2021, 18, 15.	1.7	3
134	The Muscle Typology of Elite and World-Class Swimmers. International Journal of Sports Physiology and Performance, 2022, 17, 1179-1186.	1.1	3
135	Editorial: Personalized Sport and Exercise Nutrition. Frontiers in Nutrition, 2019, 6, 139.	1.6	2
136	Sex-specific maturation of muscle metabolites carnosine, creatine, and carnitine over puberty: a longitudinal follow-up study. Journal of Applied Physiology, 2021, 131, 1241-1250.	1.2	2
137	Effect Of Carnosine Loading On Skeletal Muscle Contractility In Mice. Medicine and Science in Sports and Exercise, 2011, 43, 850.	0.2	1
138	Late Breaking Abstract - Muscle carnosine in patients with COPD in comparison to age- and gender matched healthy controls: a cross-sectional study. , 2019, , .		1
139	Motor Unit Fatigability following Chronic Carnosine Supplementation in Aged Rats. Nutrients, 2022, 14, 514.	1.7	1
140	Non-invasive Estimation Of Muscle Fiber Type Composition In Elite Athletes. Medicine and Science in Sports and Exercise, 2011, 43, 293.	0.2	0
141	Subsarcolemmal and Intramyofibrillar Mitochondria And Lipids In Morbidly Obese Patients: Extreme Weight Loss And Exercise. Medicine and Science in Sports and Exercise, 2011, 43, 886.	0.2	0
142	The Impact Of An Eight Week Apnea Training Program On Spleen Volume And Hematological Values. Medicine and Science in Sports and Exercise, 2018, 50, 286.	0.2	0
143	Late Breaking Abstract - Carnosine and related compounds in m. vastus lateralis of COPD patients: preliminary results. , 2018, , .		0
144	792-P: Effect of Oral Anserine Supplementation on Type 2 Diabetes and Diabetic Nephropathy in BTBR ob/ob Mice. Diabetes, 2019, 68, .	0.3	0

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145	Reply to da Eira Silva et al.. Journal of Applied Physiology, 2021, 131, 1615-1616.	1.2	0