

# Gustavo Duarte Pimentel

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

2,099  
citations

236833

25  
h-index

276775

41  
g-index

111  
all docs

111  
docs citations

111  
times ranked

3510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuts and Human Health Outcomes: A Systematic Review. <i>Nutrients</i> , 2017, 9, 1311.	1.7	165
2	Dietary whey protein lessens several risk factors for metabolic diseases: a review. <i>Lipids in Health and Disease</i> , 2012, 11, 67.	1.2	136
3	Exercise training improves sleep pattern and metabolic profile in elderly people in a time-dependent manner. <i>Lipids in Health and Disease</i> , 2011, 10, 1-6.	1.2	86
4	Doxorubicin caused severe hyperglycaemia and insulin resistance, mediated by inhibition in AMPk signalling in skeletal muscle. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 615-625.	2.9	79
5	Both adiponectin and interleukin-10 inhibit LPS-induced activation of the NF- $\kappa$ B pathway in 3T3-L1 adipocytes. <i>Cytokine</i> , 2012, 57, 98-106.	1.4	76
6	$\beta$ -Hydroxy- $\beta$ -methylbutyrate (HMB) supplementation stimulates skeletal muscle hypertrophy in rats via the mTOR pathway. <i>Nutrition and Metabolism</i> , 2011, 8, 11.	1.3	70
7	Molecular and neuroendocrine mechanisms of cancer cachexia. <i>Journal of Endocrinology</i> , 2015, 226, R29-R43.	1.2	66
8	Whey protein in cancer therapy: A narrative review. <i>Pharmacological Research</i> , 2019, 144, 245-256.	3.1	65
9	Intake of trans fatty acids during gestation and lactation leads to hypothalamic inflammation via TLR4/NF- $\kappa$ Bp65 signaling in adult offspring. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 265-271.	1.9	59
10	Yerba mate extract ( <i>Ilex paraguariensis</i> ) attenuates both central and peripheral inflammatory effects of diet-induced obesity in rats. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 809-818.	1.9	59
11	Hypothalamic S1P/S1PR1 axis controls energy homeostasis. <i>Nature Communications</i> , 2014, 5, 4859.	5.8	57
12	Long-term nutrition education reduces several risk factors for type 2 diabetes mellitus in Brazilians with impaired glucose tolerance. <i>Nutrition Research</i> , 2010, 30, 186-190.	1.3	56
13	$\beta$ -hydroxy- $\beta$ -methylbutyrate free acid supplementation may improve recovery and muscle adaptations after resistance training: a systematic review. <i>Nutrition Research</i> , 2017, 45, 1-9.	1.3	47
14	The role of neuronal AMPK as a mediator of nutritional regulation of food intake and energy homeostasis. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 171-178.	1.5	46
15	Ursolic acid and mechanisms of actions on adipose and muscle tissue: a systematic review. <i>Obesity Reviews</i> , 2017, 18, 700-711.	3.1	43
16	Does long-term coffee intake reduce type 2 diabetes mellitus risk?. <i>Diabetology and Metabolic Syndrome</i> , 2009, 1, 6.	1.2	40
17	Sarcopenia and chemotherapy-mediated toxicity. <i>Einstein (Sao Paulo, Brazil)</i> , 2016, 14, 580-584.	0.3	40
18	Dietary Amino Acids and Immunonutrition Supplementation in Cancer-Induced Skeletal Muscle Mass Depletion: A Mini-Review. <i>Current Pharmaceutical Design</i> , 2020, 26, 970-978.	0.9	40

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19	Impact of Doxorubicin Treatment on the Physiological Functions of White Adipose Tissue. PLoS ONE, 2016, 11, e0151548.	1.1	35
20	High neutrophil to lymphocytes ratio is associated with sarcopenia risk in hospitalized cancer patients. Clinical Nutrition, 2021, 40, 202-206.	2.3	32
21	Gut-central nervous system axis is a target for nutritional therapies. Nutrition Journal, 2012, 11, 22.	1.5	31
22	Hypothalamic inflammation and the central nervous system control of energy homeostasis. Molecular and Cellular Endocrinology, 2014, 397, 15-22.	1.6	31
23	High neutrophil to lymphocyte ratio as a prognostic marker in COVID-19 patients. Clinical Nutrition ESPEN, 2020, 40, 101-102.	0.5	30
24	Effects of High-Intensity Interval Training vs. Sprint Interval Training on Anthropometric Measures and Cardiorespiratory Fitness in Healthy Young Women. Frontiers in Physiology, 2018, 9, 1738.	1.3	28
25	High-fat diets rich in soy or fish oil distinctly alter hypothalamic insulin signaling in rats. Journal of Nutritional Biochemistry, 2012, 23, 822-828.	1.9	26
26	Creatine supplementation and glycemic control: a systematic review. Amino Acids, 2016, 48, 2103-2129.	1.2	25
27	Long-term interdisciplinary therapy reduces endotoxin level and insulin resistance in obese adolescents. Nutrition Journal, 2012, 11, 74.	1.5	24
28	Exhaustive exercise increases inflammatory response via toll like receptor $\alpha$ 4 and NF $\kappa$ Bp65 pathway in rat adipose tissue. Journal of Cellular Physiology, 2011, 226, 1604-1607.	2.0	23
29	High-Fat Fish Oil Diet Prevents Hypothalamic Inflammatory Profile in Rats. ISRN Inflammation, 2013, 2013, 1-7.	4.9	23
30	Muscle function loss is associated with anxiety in patients with gastrointestinal cancer. Clinical Nutrition ESPEN, 2019, 29, 149-153.	0.5	23
31	Short-term nutritional counseling reduces body mass index, waist circumference, triceps skinfold and triglycerides in women with metabolic syndrome. Diabetology and Metabolic Syndrome, 2010, 2, 13.	1.2	22
32	Exercise training plays cardioprotection through the oxidative stress reduction in obese rats submitted to myocardial infarction. International Journal of Cardiology, 2012, 157, 422-424.	0.8	22
33	Phase angle is not associated with fatigue in cancer patients: the hydration impact. European Journal of Clinical Nutrition, 2020, 74, 1369-1373.	1.3	22
34	Sarcopenia as a predictor of nutritional status and comorbidities in hospitalized patients with cancer: A cross-sectional study. Nutrition, 2020, 73, 110703.	1.1	20
35	Impact to short-term high intensity intermittent training on different storages of body fat, leptin and soluble leptin receptor levels in physically active non-obese men: A pilot investigation. Clinical Nutrition ESPEN, 2018, 28, 186-192.	0.5	18
36	Sagittal abdominal diameter, but not waist circumference is strongly associated with glycemia, triacylglycerols and HDL-C levels in overweight adults. Nutricion Hospitalaria, 2011, 26, 1125-9.	0.2	18

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37	Muscle Function Loss and Gain of Body Weight during the COVID-19 Pandemic in Elderly Women: Effects of One Year of Lockdown. <i>Journal of Nutrition, Health and Aging</i> , 2021, 25, 1028-1029.	1.5	17
38	Modulation of inflammatory response arising from high-intensity intermittent and concurrent strength training in physically active males. <i>Cytokine</i> , 2017, 91, 104-109.	1.4	16
39	Effects of placebo on bench throw performance of Paralympic weightlifting athletes: a pilot study. <i>Journal of the International Society of Sports Nutrition</i> , 2019, 16, 9.	1.7	16
40	Effect of an acute moderate exercise session on metabolic and inflammatory profile of PPAR $\alpha$ knockout mice. <i>Cell Biochemistry and Function</i> , 2017, 35, 510-517.	1.4	14
41	Acute Caffeinated Coffee Consumption Does not Improve Time Trial Performance in an 800-m Run: A Randomized, Double-Blind, Crossover, Placebo-Controlled Study. <i>Nutrients</i> , 2018, 10, 657.	1.7	13
42	Whey Protein Supplementation Compared to Collagen Increases Blood Nesfatin Concentrations and Decreases Android Fat in Overweight Women: A Randomized Double-Blind Study. <i>Nutrients</i> , 2019, 11, 2051.	1.7	13
43	Low vitamin D at ICU admission is associated with cancer, infections, acute respiratory insufficiency, and liver failure. <i>Nutrition</i> , 2019, 60, 235-240.	1.1	13
44	Pre-sarcopenia in patients undergoing hemodialysis: Prevalence and association with biochemical parameters. <i>Clinical Nutrition ESPEN</i> , 2018, 28, 236-238.	0.5	12
45	Is body weight or muscle strength correlated with the Malnutrition Inflammation Score (MIS)? A cross-sectional study in hemodialysis patients. <i>Clinical Nutrition ESPEN</i> , 2019, 33, 276-278.	0.5	12
46	Low Handgrip Strength Is Not Associated with Type 2 Diabetes Mellitus and Hyperglycemia: a Population-Based Study. <i>Clinical Nutrition Research</i> , 2018, 7, 112.	0.5	11
47	Are depression and anxiety disorders associated with adductor pollicis muscle thickness, sleep duration, and protein intake in cancer patients?. <i>Experimental Gerontology</i> , 2020, 130, 110803.	1.2	11
48	SARC-F is Better Correlated with Muscle Function Indicators than Muscle Mass in Older Hemodialysis Patients. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 999-1002.	1.5	11
49	SARC-F Is Better Correlated with Muscle Function Indicators Than Muscle Mass in Older Hemodialysis Patients. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 999-1002.	1.5	11
50	Effects of turmeric extract supplementation on inflammation and muscle damage after a half-marathon race: a randomized, double-blind, placebo-controlled trial. <i>European Journal of Applied Physiology</i> , 2020, 120, 1531-1540.	1.2	11
51	SARC-F has low correlation and reliability with skeletal muscle mass index in older gastrointestinal cancer patients. <i>Clinical Nutrition</i> , 2021, 40, 890-894.	2.3	11
52	High neutrophil to lymphocytes ratio is associated with nutritional risk in hospitalised, unselected cancer patients: a cross-sectional study. <i>Scientific Reports</i> , 2021, 11, 17120.	1.6	11
53	Low vitamin D levels and increased neutrophil in patients admitted at ICU with COVID-19. <i>Clinical Nutrition ESPEN</i> , 2021, 44, 466-468.	0.5	11
54	Acute Epigallocatechin 3 Gallate (EGCG) Supplementation Delays Gastric Emptying in Healthy Women: A Randomized, Double-Blind, Placebo-Controlled Crossover Study. <i>Nutrients</i> , 2018, 10, 1122.	1.7	10

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55	Ursolic acid has no additional effect on muscle strength and mass in active men undergoing a high-protein diet and resistance training: A double-blind and placebo-controlled trial. <i>Clinical Nutrition</i> , 2021, 40, 581-589.	2.3	10
56	Low phase angle is associated with the risk for sarcopenia in unselected patients with cancer: Effects of hydration. <i>Nutrition</i> , 2021, 84, 111122.	1.1	10
57	Influence to high-intensity intermittent and moderate-intensity continuous exercise on indices of cardio-inflammatory health in men. <i>Journal of Exercise Rehabilitation</i> , 2016, 12, 618-623.	0.4	10
58	Effect of caffeine supplementation on exercise performance, power, markers of muscle damage, and perceived exertion in trained CrossFit men: a randomized, double-blind, placebo-controlled crossover trial. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 181-188.	0.4	9
59	Metabolic syndrome in overweight children from the city of Botucatu - São Paulo State - Brazil: agreement among six diagnostic criteria. <i>Diabetology and Metabolic Syndrome</i> , 2010, 2, 39.	1.2	8
60	Short-term Creatine Supplementation May Alleviate the Malnutrition-Inflammation Score and Lean Body Mass Loss in Hemodialysis Patients: A Pilot Randomized Placebo-Controlled Trial. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020, 44, 815-822.	1.3	8
61	A high-protein diet, not isolated BCAA, is associated with skeletal muscle mass index in patients with gastrointestinal cancer. <i>Nutrition</i> , 2020, 72, 110698.	1.1	8
62	Bioelectric impedance overestimates the body fat in overweight and underestimates in Brazilian obese women: a comparison with Segal equation 1. <i>Nutricion Hospitalaria</i> , 2010, 25, 741-5.	0.2	8
63	Sleep pattern and locomotor activity are impaired by doxorubicin in non-tumor-bearing rats. <i>Sleep Science</i> , 2016, 9, 232-235.	0.4	7
64	Physiological and cytokine response to acute exercise under hypoxic conditions: a pilot study. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 461-468.	0.4	7
65	Association of SARC-F and dissociation of SARC-F+ calf circumference with comorbidities in older hospitalized cancer patients. <i>Experimental Gerontology</i> , 2021, 148, 111315.	1.2	7
66	Oxintomodulina e obesidade. <i>Revista De Nutricao</i> , 2009, 22, 727-737.	0.4	6
67	Creatine supplementation does not promote additional effects on inflammation and insulin resistance in older adults: A pilot randomized, double-blind, placebo-controlled trial. <i>Clinical Nutrition ESPEN</i> , 2020, 38, 94-98.	0.5	6
68	Acute caffeine mouth rinsing does not improve 10-km running performance in CYP1A2 C-allele carriers. <i>Clinical Nutrition ESPEN</i> , 2021, 42, 93-97.	0.5	6
69	High neutrophil-to-lymphocyte ratio at intensive care unit admission is associated with nutrition risk in patients with COVID-19. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 1441-1448.	1.3	6
70	Acute Epigallocatechin-3-Gallate Supplementation Alters Postprandial Lipids after a Fast-Food Meal in Healthy Young Women: A Randomized, Double-Blind, Placebo-Controlled Crossover Study. <i>Nutrients</i> , 2020, 12, 2533.	1.7	5
71	Serum uric acid concentration is not associated with handgrip strength, lean body mass or survival in gastrointestinal cancer patients. <i>Clinical Nutrition ESPEN</i> , 2020, 37, 75-79.	0.5	5
72	The Effect of Baru ( <i>Dypterix alata</i> Vog.) Almond Oil on Markers of Bowel Habits in Hemodialysis Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-8.	0.5	5

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73	High-Protein Diet Containing Dairy Products is Associated with Low Body Mass Index and Glucose Concentrations: A Cross-Sectional Study. <i>Nutrients</i> , 2019, 11, 1384.	1.7	4
74	Coffee Intake and obesity. , 2019, , 329-351.		4
75	Quality of Life Is Influenced by Body Weight, Education, and Family Income in Adolescents with Chronic Diseases. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	3
76	Acute Caffeine Mouth Rinse Does Not Change the Hydration Status following a 10km Run in Recreationally Trained Runners. <i>BioMed Research International</i> , 2020, 2020, 1-5.	0.9	3
77	Effects of Creatine Supplementation on Lower-Limb Muscle Endurance Following an Acute Bout of Aerobic Exercise in Young Men. <i>Sports</i> , 2020, 8, 12.	0.7	3
78	Correlation between the SARC-F Score and Hydration Status in Older Gastrointestinal Cancer Outpatients. <i>Journal of Nutrition, Health and Aging</i> , 2021, 25, 748-750.	1.5	3
79	Creatine supplementation plus neuromuscular electrical stimulation improves lower-limb muscle strength and quality of life in hemodialysis men. <i>Einstein (Sao Paulo, Brazil)</i> , 2020, 18, eCE5623.	0.3	3
80	Nutritional Targets for Modulation of the Microbiota in Obesity. <i>Drug Development Research</i> , 2013, 74, 393-402.	1.4	2
81	Coffee Intake and Obesity. , 2014, , 245-259.		2
82	Acute Caffeine Supplementation Does Not Change Sweat Rate and Blood Pressure in Ballet Dancers: A Double-Blind and Placebo-Controlled Study. <i>Journal of Dance Medicine and Science</i> , 2018, 22, 137-141.	0.2	2
83	Total protein or leucine intakes are not associated with handgrip strength in hemodialysis patients: A pilot study. <i>Clinical Nutrition ESPEN</i> , 2019, 33, 290-293.	0.5	2
84	The neutrophil-to-lymphocyte ratio is inversely associated with adductor pollicis muscle thickness in older patients with gastrointestinal tract cancer. <i>Nutrition</i> , 2020, 79-80, 110887.	1.1	2
85	Absence of risk of sarcopenia protects cancer patients from fatigue. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 206-211.	1.3	2
86	Cross-Cultural Adaptation of the Brazilian Portuguese-Translated Version of the Mini Sarcopenia Risk Assessment (MSRA) Questionnaire in Cancer Patients. <i>Clinics and Practice</i> , 2021, 11, 395-403.	0.6	2
87	Acute caffeine mouth rinse does not improve performance in recreationally trained runners: a pilot study. <i>Nutrire</i> , 2020, 45, .	0.3	2
88	Ursolic acid does not change the cytokine levels following resistance training in healthy men: A pilot balanced, double-blind and placebo-controlled clinical trial. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112289.	2.5	2
89	Acute Caffeine and Coconut Oil Intake, Isolated or Combined, Does Not Improve Running Times of Recreational Runners: A Randomized, Placebo-Controlled and Crossover Study. <i>Nutrients</i> , 2019, 11, 1661.	1.7	1
90	Short-term intradialytic NMES targeting muscles of the legs improves the phase angle: A pilot randomized clinical trial. <i>Clinical Nutrition ESPEN</i> , 2021, 43, 111-116.	0.5	1

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91	Neutrophil-lymphocyte Ratio and C-Reactive Protein Levels are not Associated with Strength, Muscle Mass, and Functional Capacity in Kidney Transplant Patients. <i>Inflammation</i> , 2022, 45, 2465-2476.	1.7	1
92	Acute Supplementation of Yerba Mate Extract Did Not Change Muscle Strength in Physically Active Men Following the Strength Muscle Test: A Pilot Clinical Trial. <i>Nutrients</i> , 2022, 14, 2619.	1.7	1
93	Inflammation in Disease: Mechanism and Therapies. <i>Mediators of Inflammation</i> , 2013, 2013, 1-1.	1.4	0
94	Fatty Acids and Hypothalamic Dysfunction in Obesity. , 2016, , 557-582.		0
95	High out-of-clinic blood pressure is associated with adiposity indicators in leisure physical activity practitioners in Midwest Brazil. <i>Clinical Hypertension</i> , 2018, 24, 8.	0.7	0
96	Acute supplementation with whey protein or collagen does not alter appetite in healthy women: a randomised double-blind and crossover pilot study. <i>British Journal of Nutrition</i> , 2022, 128, 345-351.	1.2	0
97	25OH Vitamin D Is No Associated with Muscle Function Loss in Adults and Elderly Patients Undergoing Hemodialysis. <i>Journal of Nutrition, Health and Aging</i> , 2021, 25, 1096-1098.	1.5	0
98	No effect of intradialytic neuromuscular electrical stimulation on inflammation and quality of life: a randomized and parallel design clinical trial. <i>Scientific Reports</i> , 2021, 11, 22176.	1.6	0
99	Reply - Letter to the editor: "Energy and protein intake may have an impact on survival in patients with advanced cancer". <i>Clinical Nutrition</i> , 2021, , .	2.3	0
100	Fatigue Is Not Associated with Phase Angle in Hemodialysis Patients. <i>Journal of Nutrition, Health and Aging</i> , 2022, 26, 187-189.	1.5	0
101	Association of Fat Mass with SARC-F in Older Patients Undergoing Haemodialysis. <i>Journal of Nutrition, Health and Aging</i> , 2022, 26, 183-186.	1.5	0
102	Body dissatisfaction and the wish for different silhouette is associated with higher adiposity and fat intake in female ballet dancers than male. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016, 56, 141-8.	0.4	0
103	High Charlson comorbidity index value is not associated with muscle strength in unselected cancer patients. <i>Clinical Nutrition ESPEN</i> , 2022, , .	0.5	0
104	Charlson comorbidity index is not associated with neutrophil-lymphocytes ratio in unselected hospitalized cancer patients: A cross-sectional study. <i>Experimental Gerontology</i> , 2022, 163, 111762.	1.2	0
105	Anxiety and depression symptoms are not cross-sectionally associated with low handgrip strength in adult and elderly outpatients with cancer of the gastrointestinal and accessory organs of digestion. <i>Journal of Psychosomatic Research</i> , 2022, 158, 110810.	1.2	0
106	Correlation between Sarcopenia Risk and Food Intake in Older Hospitalized Unselected Cancer Patients. <i>Journal of Ageing and Longevity</i> , 2022, 2, 98-101.	0.1	0