

StÃ©phanie Chevalier

List of Publications by Year in descending order

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54
papers

2,043
citations

341340
20
h-index

252701
43
g-index

66
all docs

66
docs citations

66
times ranked

3422
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein requirements beyond the RDA: implications for optimizing health. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 565-572.	2.1	252
2	Altered microbiome composition in individuals with fibromyalgia. <i>Pain</i> , 2019, 160, 2589-2602.	4.3	141
3	Relation between mealtime distribution of protein intake and lean mass loss in free-living older adults of the NuAge study. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 694-703.	4.6	117
4	Normal protein anabolic response to hyperaminoacidemia in insulin-resistant patients with lung cancer cachexia. <i>Clinical Nutrition</i> , 2012, 31, 765-773.	5.1	108
5	Even mealtime distribution of protein intake is associated with greater muscle strength, but not with 3-y physical function decline, in free-living older adults: the Quebec longitudinal study on Nutrition as a Determinant of Successful Aging (NuAge study). <i>American Journal of Clinical Nutrition</i> , 2017, 106, 113-124.	4.6	102
6	An Update on Protein, Leucine, Omega-3 Fatty Acids, and Vitamin D in the Prevention and Treatment of Sarcopenia and Functional Decline. <i>Nutrients</i> , 2018, 10, 1099.	4.2	91
7	Frailty amplifies the effects of aging on protein metabolism: role of protein intake. <i>American Journal of Clinical Nutrition</i> , 2003, 78, 422-429.	4.6	74
8	The physical functional capacity of frail elderly persons undergoing ambulatory rehabilitation is related to their nutritional status. <i>Journal of Nutrition, Health and Aging</i> , 2008, 12, 721-726.	3.5	73
9	Whole-body protein anabolic response is resistant to the action of insulin in obese women. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 355-365.	4.6	62
10	The hyperinsulinemic amino acid clamp increases whole-body protein synthesis in young subjects. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 388-396.	3.6	49
11	Protein Anabolic Responses to a Fed Steady State in Healthy Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 681-688.	3.7	45
12	Influence of Adiposity in the Blunted Whole-Body Protein Anabolic Response to Insulin With Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 156-164.	3.7	41
13	Inactivation of the ubiquitin-specific protease 19 deubiquitinating enzyme protects against muscle wasting. <i>FASEB Journal</i> , 2015, 29, 3889-3898.	0.5	39
14	Physical function-derived cut-points for the diagnosis of sarcopenia and dynapenia from the Canadian longitudinal study on aging. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 985-999.	7.4	39
15	Effects of aging and insulin resistant states on protein anabolic responses in older adults. <i>Experimental Gerontology</i> , 2018, 108, 262-268.	2.9	31
16	Effects of preoperative nutrition and multimodal prehabilitation on functional capacity and postoperative complications in surgical lung cancer patients: a systematic review. <i>Supportive Care in Cancer</i> , 2021, 29, 5597-5610.	2.3	28
17	Cancer cachexia and diabetes: similarities in metabolic alterations and possible treatment. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 643-653.	2.1	25
18	The influence of sex on the protein anabolic response to insulin. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 1529-1535.	3.6	21

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19	Do patients with advanced cancer have any potential for protein anabolism in response to amino acid therapy?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2014, 17, 213-218.	2.7	20
20	Association of Low Muscle Mass With Cognitive Function During a 3-Year Follow-up Among Adults Aged 65 to 86 Years in the Canadian Longitudinal Study on Aging. <i>JAMA Network Open</i> , 2022, 5, e2219926.	6.0	20
21	Fed-state clamp stimulates cellular mechanisms of muscle protein anabolism and modulates glucose disposal in normal men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E105-E113.	3.7	19
22	Protein and glucose metabolic responses to hyperinsulinemia, hyperglycemia, and hyperaminoacidemia in obese men. <i>Obesity</i> , 2015, 23, 351-358.	3.2	19
23	Postprandial hyperaminoacidaemia overcomes insulin resistance of protein anabolism in men with type 2 diabetes. <i>Diabetologia</i> , 2011, 54, 648-656.	6.5	18
24	Hyperaminoacidaemia at postprandial levels does not modulate glucose metabolism in type 2 diabetes mellitus. <i>Diabetologia</i> , 2011, 54, 1810-1818.	6.5	18
25	Feasibility of a novel mixed-nutrient supplement in a multimodal prehabilitation intervention for lung cancer patients awaiting surgery: A randomized controlled pilot trial. <i>International Journal of Surgery</i> , 2021, 93, 106079.	3.6	17
26	Milk, Yogurt, and Cheese Intake Is Positively Associated With Cognitive Executive Functions in Older Adults of the Canadian Longitudinal Study on Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 2223-2231.	3.7	16
27	Muscle strength and force development in high- and low-functioning elderly men: Influence of muscular and neural factors. <i>Experimental Gerontology</i> , 2017, 96, 19-28.	2.9	16
28	Effect of 10% dietary protein intake on whole body protein kinetics in type 2 diabetic adults. <i>Clinical Nutrition</i> , 2015, 34, 1115-1121.	5.1	14
29	Commentaries on Viewpoint: Rejuvenation of the term sarcopenia. <i>Journal of Applied Physiology</i> , 2019, 126, 257-262.	2.7	13
30	Altered serum bile acid profile in fibromyalgia is associated with specific gut microbiome changes and symptom severity. <i>Pain</i> , 2023, 164, e66-e76.	4.3	13
31	Effect of obesity and type 2 diabetes on protein anabolic response to insulin in elderly women. <i>Experimental Gerontology</i> , 2015, 69, 20-26.	2.9	12
32	Effects of multimodal prehabilitation on muscle size, myosteatosis, and dietary intake of surgical patients with lung cancer – a randomized feasibility study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1407-1416.	2.1	12
33	Plasma Amino Acids vs Conventional Predictors of Insulin Resistance Measured by the Hyperinsulinemic Clamp. <i>Journal of the Endocrine Society</i> , 2017, 1, 861-873.	0.2	11
34	Leucine Supplementation Does Not Alter Insulin Sensitivity in Prefrail and Frail Older Women following a Resistance Training Protocol. <i>Journal of Nutrition</i> , 2019, 149, 959-967.	2.7	11
35	Relative Validation of an Artificial Intelligence-Enhanced, Image-Assisted Mobile App for Dietary Assessment in Adults: Randomized Crossover Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e40449.	4.5	11
36	Differences in muscle adaptation to a 12-week mixed power training in elderly men, depending on usual protein intake. <i>Experimental Gerontology</i> , 2018, 104, 78-85.	2.9	10

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37	Mitochondrial Content, but Not Function, Is Altered With a Multimodal Resistance Training Protocol and Adequate Protein Intake in Leucine-Supplemented Pre/Frail Women. <i>Frontiers in Nutrition</i> , 2020, 7, 619216.	3.8	10
38	Effects of slow- <i>v.</i> fast-digested protein supplementation combined with mixed power training on muscle function and functional capacities in older men. <i>British Journal of Nutrition</i> , 2021, 125, 1017-1033.	2.7	9
39	Action, localization and structure-function relationship of growth factors and their receptors in the prostate. <i>Reproductive Medicine Review</i> , 1996, 5, 73-105.	0.4	8
40	Effect of a 12-week mixed power training on physical function in dynapenic-obese older men: does severity of dynapenia matter?. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 977-984.	2.9	8
41	Malnourished lung cancer patients have poor baseline functional capacity but show greatest improvements with multimodal prehabilitation. <i>Nutrition in Clinical Practice</i> , 2021, 36, 1011-1019.	2.4	8
42	Insulin resistance of protein anabolism accompanies that of glucose metabolism in lean, glucose-tolerant offspring of persons with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2016, 4, e000312.	3.0	7
43	Prospective associations of protein intake parameters with muscle strength and physical performance in community-dwelling older men and women from the Quebec NuAge cohort. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 972-983.	4.6	7
44	Current considerations for clinical management and care of non-alcoholic fatty liver disease: Insights from the 1st International Workshop of the Canadian NASH Network (CanNASH). <i>Canadian Liver Journal</i> , 2022, 5, 61-90.	0.9	7
45	Dietary Intake Is Unlikely to Explain Symptom Severity and Syndrome-Specific Microbiome Alterations in a Cohort of Women with Fibromyalgia. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3254.	2.7	5
46	A 16-week Randomized Controlled Trial of a Fish Oil and Whey Protein-Derived Supplement to Improve Physical Performance in Older Adults Losing Autonomy â€” A Pilot Study. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa040_079.	0.3	2
47	Remission of type 2 diabetes and improved diastolic function by combining structured exercise with meal replacement and food reintroduction among young adults: the RESET for REMISSION randomised controlled trial protocol. <i>BMJ Open</i> , 2022, 12, e063888.	2.1	2
48	Lifestyle Behavior Changes and Associated Risk Factors During the COVID-19 Pandemic: Results from the Canadian COVIDiet Online Cohort Study. <i>JMIR Public Health and Surveillance</i> , 0, 9, e43786.	2.6	2
49	Acute hyperaminoacidemia does not suppress insulin-mediated glucose turnover in healthy young men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 397-403.	2.1	1
50	A 16-week randomized controlled trial of a fish oil and whey protein-derived supplement to improve physical performance in older adults losing autonomyâ€”A pilot study. <i>PLoS ONE</i> , 2021, 16, e0256386.	2.5	1
51	A multimodal exercise countermeasure prevents the negative impact of headâ€”down tilt bed rest on muscle volume and mitochondrial health in older adults. <i>Journal of Physiology</i> , 0, , .	2.9	1
52	Nutrition and Pain Management: Dietary Soy as an Analgesic Modality. , 2010, , 105-113.		0
53	Fidelity of Reinnervation Modulates Susceptibility to Aging Muscle Impact and Frailty in Elderly Women. <i>FASEB Journal</i> , 2019, 33, lb647.	0.5	0
54	Navigating the Landscape of Translational Geroscience in Canada: A Comprehensive Evaluation of Current Progress and Future Directions. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2024, 79, .	3.7	0