Marc Sim

List of Publications by Year
in descending order

69 papers	1,518 citations	361045 20 h-index	377514 34 g-index
69 all docs	69 docs citations	69 times ranked	1662 citing authors

#	Article	IF	Citations
1	Iron considerations for the athlete: a narrative review. European Journal of Applied Physiology, 2019, 119, 1463-1478.	1.2	146
2	Iron Status and the Acute Post-Exercise Hepcidin Response in Athletes. PLoS ONE, 2014, 9, e93002.	1.1	118
3	Evidence-Based Supplements for the Enhancement of Athletic Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2018, 28, 178-187.	1.0	114
4	Cardiovascular Health Benefits of Specific Vegetable Types: A Narrative Review. Nutrients, 2018, 10, 595.	1.7	77
5	Prognostic Value of Abdominal Aortic Calcification: A Systematic Review and Metaâ€Analysis of Observational Studies. Journal of the American Heart Association, 2021, 10, e017205.	1.6	60
6	Effect of Exercise Modality and Intensity on Postexercise Interleukin-6 and Hepcidin Levels. International Journal of Sport Nutrition and Exercise Metabolism, 2013, 23, 178-186.	1.0	55
7	Glucosinolates From Cruciferous Vegetables and Their Potential Role in Chronic Disease: Investigating the Preclinical and Clinical Evidence. Frontiers in Pharmacology, 2021, 12, 767975.	1.6	53
8	Effect of tart cherry juice on recovery and next day performance in well-trained Water Polo players. Journal of the International Society of Sports Nutrition, 2016, 13, 41.	1.7	51
9	The effects of carbohydrate ingestion during endurance running on post-exercise inflammation and hepcidin levels. European Journal of Applied Physiology, 2012, 112, 1889-1898.	1.2	47
10	Association Between Abdominal Aortic Calcification, Bone Mineral Density, and Fracture in Older Women. Journal of Bone and Mineral Research, 2019, 34, 2052-2060.	3.1	43
11	Sarcopenia Definitions and Their Associations With Mortality in Older Australian Women. Journal of the American Medical Directors Association, 2019, 20, 76-82.e2.	1.2	43
12	Sarcopenia definition: Does it really matter? Implications for resistance training. Ageing Research Reviews, 2022, 78, 101617.	5.0	35
13	The Impact of Morning versus Afternoon Exercise on Iron Absorption in Athletes. Medicine and Science in Sports and Exercise, 2019, 51, 2147-2155.	0.2	32
14	Quantifying dietary vitamin K and its link to cardiovascular health: a narrative review. Food and Function, 2020, 11, 2826-2837.	2.1	31
15	Vegetable and fruit intake and injurious falls risk in older women: a prospective cohort study. British Journal of Nutrition, 2018, 120, 925-934.	1.2	27
16	Refining Treatment Strategies for Iron Deficient Athletes. Sports Medicine, 2020, 50, 2111-2123.	3.1	27
17	Utility of four sarcopenia criteria for the prediction of falls-related hospitalization in older Australian women. Osteoporosis International, 2019, 30, 167-176.	1.3	26
18	Dietary nitrate intake is associated with muscle function in older women. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 601-610.	2.9	25

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19	Iron Regulation in Athletes: Exploring the Menstrual Cycle and Effects of Different Exercise Modalities on Hepcidin Production. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 177-187.	1.0	24
20	Influence of post-exercise hypoxic exposure on hepcidin response in athletes. European Journal of Applied Physiology, 2014, 114, 951-959.	1.2	24
21	Oral contraception does not alter typical post-exercise interleukin-6 and hepcidin levels in females. Journal of Science and Medicine in Sport, 2015, 18, 8-12.	0.6	23
22	A seven day running training period increases basal urinary hepcidin levels as compared to cycling. Journal of the International Society of Sports Nutrition, 2014, 11, 14.	1.7	20
23	Exercise medicine for cancer cachexia: targeted exercise to counteract mechanisms and treatment side effects. Journal of Cancer Research and Clinical Oncology, 2022, 148, 1389-1406.	1.2	20
24	Fruit and Vegetable Knowledge and Intake within an Australian Population: The AusDiab Study. Nutrients, 2020, 12, 3628.	1.7	19
25	Vitamin K Intake and Atherosclerotic Cardiovascular Disease in the Danish Diet Cancer and Health Study. Journal of the American Heart Association, 2021, 10, e020551.	1.6	19
26	The effects of vitamin K-rich green leafy vegetables on bone metabolism: A 4-week randomised controlled trial in middle-aged and older individuals. Bone Reports, 2020, 12, 100274.	0.2	17
27	Associations Between Fruit Intake and Risk of Diabetes in the AusDiab Cohort. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4097-e4108.	1.8	17
28	Seven days of high carbohydrate ingestion does not attenuate post-exercise IL-6 and hepcidin levels. European Journal of Applied Physiology, 2016, 116, 1715-1724.	1.2	15
29	Low Vitamin D Status Is Associated With Impaired Bone Quality and Increased Risk of Fracture-Related Hospitalization in Older Australian Women. Journal of Bone and Mineral Research, 2019, 34, 2019-2027.	3.1	15
30	The effect of vitamin K1 on arterial calcification activity in subjects with diabetes mellitus: a post hoc analysis of a double-blind, randomized, placebo-controlled trial. American Journal of Clinical Nutrition, 2022, 115, 45-52.	2.2	14
31	Development of a Food Composition Database for Assessing Nitrate and Nitrite Intake from Animalâ€based Foods. Molecular Nutrition and Food Research, 2022, 66, e2100272.	1.5	14
32	The vitamin D and calcium controversy: an update. Current Opinion in Rheumatology, 2019, 31, 91-97.	2.0	13
33	Abdominal aortic calcification is associated with a higher risk of injurious fall-related hospitalizations in older Australian women. Atherosclerosis, 2021, 328, 153-159.	0.4	13
34	Vegetable diversity in relation with subclinical atherosclerosis and 15-year atherosclerotic vascular disease deaths in older adult women. European Journal of Nutrition, 2020, 59, 217-230.	1.8	12
35	Dietary Nitrate Intake Is Positively Associated with Muscle Function in Men and Women Independent of Physical Activity Levels. Journal of Nutrition, 2021, 151, 1222-1230.	1.3	12
36	Association between vitamin K1 intake and mortality in the Danish Diet, Cancer, and Health cohort. European Journal of Epidemiology, 2021, 36, 1005-1014.	2.5	11

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37	Sand training: Exerciseâ€induced muscle damage and inflammatory responses to matchedâ€intensity exercise. European Journal of Sport Science, 2017, 17, 741-747.	1.4	10
38	A comparison of displacement and energetic variables between three team sport GPS devices. International Journal of Performance Analysis in Sport, 2018, 18, 823-834.	0.5	10
39	Effects of calcium supplementation on circulating osteocalcin and glycated haemoglobin in older women. Osteoporosis International, 2019, 30, 2065-2072.	1.3	10
40	Association between vitamin D status and longâ€term fallsâ€related hospitalization risk in older women. Journal of the American Geriatrics Society, 2021, 69, 3114-3123.	1.3	10
41	A Comparison of Caffeine versus Pseudoephedrine on Cycling Time-Trial Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2013, 23, 507-512.	1.0	9
42	Interleukin-6 and Hepcidin Levels during Hormone-Deplete and Hormone-Replete Phases of an Oral Contraceptive Cycle: A Pilot Study. Annals of Nutrition and Metabolism, 2017, 70, 100-105.	1.0	9
43	Vegetable Diversity, Injurious Falls, and Fracture Risk in Older Women: A Prospective Cohort Study. Nutrients, 2018, 10, 1081.	1.7	9
44	Association Between Preseason Training and Performance in Elite Australian Football. International Journal of Sports Physiology and Performance, 2019, 14, 68-75.	1.1	9
45	Creatinine to Cystatin C Ratio, a Biomarker of Sarcopenia Measures and Falls Risk in Community-Dwelling Older Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1389-1397.	1.7	9
46	Higher Undercarboxylated to Total Osteocalcin Ratio Is Associated With Reduced Physical Function and Increased 15-Year Falls-Related Hospitalizations: The Perth Longitudinal Study of Aging Women. Journal of Bone and Mineral Research, 2020, 36, 523-530.	3.1	8
47	Association of habitual intake of fruits and vegetables with depressive symptoms: the AusDiab study. European Journal of Nutrition, 2021, 60, 3743-3755.	1.8	8
48	Fruit and vegetable intake is inversely associated with perceived stress across the adult lifespan. Clinical Nutrition, 2021, 40, 2860-2867.	2.3	8
49	Association Between Pre-season Training and Performance in Elite Australian Football. International Journal of Sports Physiology and Performance, 2018, , 1-25.	1.1	7
50	Lower-limb injury in elite Australian football: A narrative review of kinanthropometric and physical risk factors. Physical Therapy in Sport, 2021, 52, 69-80.	0.8	7
51	Association between non-tea flavonoid intake and risk of type 2 diabetes: the Australian diabetes, obesity and lifestyle study. Food and Function, 2022, 13, 4459-4468.	2.1	7
52	Development of a Vitamin K Database for Commercially Available Food in Australia. Frontiers in Nutrition, 2021, 8, 753059.	1.6	7
53	Abdominal aortic calcification on lateral spine images captured during bone density testing and late-life dementia risk in older women: A prospective cohort study. The Lancet Regional Health - Western Pacific, 2022, 26, 100502.	1.3	7
54	Modification of diet, exercise and lifestyle (MODEL) study: a randomised controlled trial protocol. BMJ Open, 2020, 10, e036366.	0.8	6

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55	Cruciferous vegetable intake is inversely associated with extensive abdominal aortic calcification in elderly women: a cross-sectional study. British Journal of Nutrition, 2021, 125, 337-345.	1.2	6
56	Recovery Effects of Hyperoxic Gas Inhalation Or Contrast Water Immersion on the Postexercise Cytokine Response, Perceptual Recovery, and Next Day Exercise Performance. Journal of Strength and Conditioning Research, 2012, 26, 968-975.	1.0	5
57	Abdominal aortic calcification, bone mineral density and fractures: a systematic review and meta-analysis protocol. BMJ Open, 2019, 9, e026232.	0.8	5
58	Association between Fruit and Vegetable Intakes and Mental Health in the Australian Diabetes Obesity and Lifestyle Cohort. Nutrients, 2021, 13, 1447.	1.7	5
59	Repeat Application of Ischemic Preconditioning Improves Maximal 1,000-m Kayak Ergometer Performance in a Simulated Competition Format. Journal of Strength and Conditioning Research, 2020, Publish Ahead of Print, .	1.0	5
60	Methodological Considerations for Investigating Iron Status and Regulation in Exercise and Sport Science Studies. International Journal of Sport Nutrition and Exercise Metabolism, 2022, 32, 359-370.	1.0	5
61	Abdominal aortic calcification, cardiac troponin I and atherosclerotic vascular disease mortality in older women. Heart, 2022, 108, 1274-1280.	1.2	5
62	Higher Consumption of Fruit and Vegetables Is Associated With Lower Worries, Tension and Lack of Joy Across the Lifespan. Frontiers in Nutrition, 2022, 9, 837066.	1.6	5
63	A randomised controlled crossover trial investigating the short-term effects of different types of vegetables on vascular and metabolic function in middle-aged and older adults with mildly elevated blood pressure: the VEgetableS for vaScular hEaLth (VESSEL) study protocol. Nutrition Journal, 2020, 19, 41.	1.5	4
64	Calcaneal quantitative ultrasound is associated with all-cause and cardiovascular disease mortality independent of hip bone mineral density. Osteoporosis International, 2022, 33, 1557-1567.	1.3	4
65	Association between Circulating Osteocalcin and Cardiometabolic Risk Factors following a 4-Week Leafy Green Vitamin K-Rich Diet. Annals of Nutrition and Metabolism, 2020, 76, 361-367.	1.0	3
66	Associations of specific types of fruit and vegetables with perceived stress in adults: the AusDiab study. European Journal of Nutrition, 2022, 61, 2929-2938.	1.8	2
67	Why Aboriginal and Torres Strait Islander Australians fall and fracture: the codesigned Study of Indigenous Muscle and Bone Ageing (SIMBA) protocol. BMJ Open, 2022, 12, e056589.	0.8	1
68	Physical activity estimated by osteogenic potential and energy expenditure has differing associations with bone mass in young adults: the raine study. Archives of Osteoporosis, 2022, 17, 67.	1.0	1
69	Implementation, mechanisms of impact and key contextual factors involved in outcomes of the Modification of Diet, Exercise and Lifestyle (MODEL) randomised controlled trial in Australian adults: protocol for a mixed-method process evaluation. BMJ Open, 2020, 10, e036395.	0.8	0