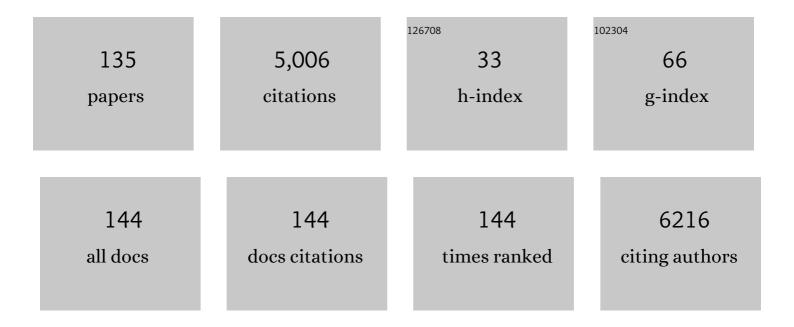
Peter Clarys

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Relationship between the physical environment and physical activity in older adults: A systematic review. Health and Place, 2011, 17, 458-469.	1.5	396
2	Comparison of Nutritional Quality of the Vegan, Vegetarian, Semi-Vegetarian, Pesco-Vegetarian and Omnivorous Diet. Nutrients, 2014, 6, 1318-1332.	1.7	340
3	Determinants of eating behaviour in university students: a qualitative study using focus group discussions. BMC Public Health, 2014, 14, 53.	1.2	321
4	Skin color measurements: comparison between three instruments: the Chromameter® , the DermaSpectrometer® and the Mexameter®. Skin Research and Technology, 2000, 6, 230-238.	0.8	320
5	Determinants of physical activity and sedentary behaviour in university students: a qualitative study using focus group discussions. BMC Public Health, 2015, 15, 201.	1.2	206
6	Environmental factors influencing older adults' walking for transportation: a study using walk-along interviews. International Journal of Behavioral Nutrition and Physical Activity, 2012, 9, 85.	2.0	182
7	Vegetarianism and meat consumption: A comparison of attitudes and beliefs between vegetarian, semi-vegetarian, and omnivorous subjects in Belgium. Appetite, 2017, 114, 299-305.	1.8	149
8	Dietary patterns and socioeconomic position. European Journal of Clinical Nutrition, 2010, 64, 231-238.	1.3	136
9	Physical environmental factors related to walking and cycling in older adults: the Belgian aging studies. BMC Public Health, 2012, 12, 142.	1.2	135
10	The Effect of Post-Exercise Cryotherapy on Recovery Characteristics: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0139028.	1.1	125
11	Understanding Eating Behavior during the Transition from Adolescence to Young Adulthood: A Literature Review and Perspective on Future Research Directions. Nutrients, 2018, 10, 667.	1.7	121
12	Hydration measurements of the stratum corneum: comparison between the capacitance method (digital version of the <scp>C</scp> orneometer <scp>CM</scp> 825 [®]) and the impedance method (<scp>S</scp> kiconâ€200 <scp>EX</scp> [®]). Skin Research and Technology, 2012, 18, 316-323.	0.8	104
13	Public open space characteristics influencing adolescents' use and physical activity: A systematic literature review of qualitative and quantitative studies. Health and Place, 2018, 51, 158-173.	1.5	80
14	Relationships between the perceived neighborhood social environment and walking for transportation among older adults. Social Science and Medicine, 2014, 104, 23-30.	1.8	78
15	Effects of low-level laser therapy on pain in patients with musculoskeletal disorders: a systematic review and meta-analysis. European Journal of Physical and Rehabilitation Medicine, 2017, 53, 603-610.	1.1	74
16	Dietary interventions among university students: A systematic review. Appetite, 2016, 105, 14-26.	1.8	72
17	Why do young adults choose different transport modes? A focus group study. Transport Policy, 2014, 36, 151-159.	3.4	66
18	Growth, development, and physical fitness of Flemish vegetarian children, adolescents, and young adults. American Journal of Clinical Nutrition, 1999, 70, 579S-585S.	2.2	65

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19	Changes in weight and body composition during the first semester at university. A prospective explanatory study. Appetite, 2013, 65, 111-116.	1.8	64
20	Lifestyle and Chronic Pain across the Lifespan: An Inconvenient Truth?. PM and R, 2020, 12, 410-419.	0.9	62
21	Psychosocial and Environmental Correlates of Walking, Cycling, Public Transport and Passive Transport to Various Destinations in Flemish Older Adolescents. PLoS ONE, 2016, 11, e0147128.	1.1	59
22	In vitro percutaneous penetration through hairless rat skin: influence of temperature, vehicle and penetration enhancers. European Journal of Pharmaceutics and Biopharmaceutics, 1998, 46, 279-283.	2.0	58
23	Environmental influences on older adults' transportation cycling experiences: A study using bike-along interviews. Landscape and Urban Planning, 2018, 169, 37-46.	3.4	57
24	Do Nutritional Factors Interact with Chronic Musculoskeletal Pain? A Systematic Review. Journal of Clinical Medicine, 2020, 9, 702.	1.0	56
25	Park characteristics preferred for adolescent park visitation and physical activity: A choice-based conjoint analysis using manipulated photographs. Landscape and Urban Planning, 2018, 178, 144-155.	3.4	54
26	Factors influencing mode of transport in older adolescents: a qualitative study. BMC Public Health, 2013, 13, 323.	1.2	53
27	E-bikes among older adults: benefits, disadvantages, usage and crash characteristics. Transportation, 2019, 46, 2151-2172.	2.1	52
28	In vitro calibration of the capacitance method (Corneometer CM 825) and conductance method (Skicon-200) for the evaluation of the hydration state of the skin. Skin Research and Technology, 1997, 3, 107-113.	0.8	51
29	Non-invasive electrical measurements for the evaluation of the hydration state of the skin: comparison between three conventional instruments - the Comeometer®, the Skicon® and the Nova DPM®. Skin Research and Technology, 1999, 5, 14-20.	0.8	51
30	Street characteristics preferred for transportation walking among older adults: a choice-based conjoint analysis with manipulated photographs. International Journal of Behavioral Nutrition and Physical Activity, 2016, 13, 6.	2.0	50
31	Critical Environmental Factors for Transportation Cycling in Children: A Qualitative Study Using Bike-Along Interviews. PLoS ONE, 2014, 9, e106696.	1.1	43
32	A Smartphone App to Promote an Active Lifestyle in Lower-Educated Working Young Adults: Development, Usability, Acceptability, and Feasibility Study. JMIR MHealth and UHealth, 2018, 6, e44.	1.8	42
33	Effect and Process Evaluation of a Smartphone App to Promote an Active Lifestyle in Lower Educated Working Young Adults: Cluster Randomized Controlled Trial. JMIR MHealth and UHealth, 2018, 6, e10003.	1.8	41
34	Chronic Musculoskeletal Pain and Nutrition: Where Are We and Where Are We Heading?. PM and R, 2020, 12, 1268-1278.	0.9	40
35	Dietary pattern analysis: a comparison between matched vegetarian and omnivorous subjects. Nutrition Journal, 2013, 12, 82.	1.5	36
36	Cross-sectional analysis of BMI and some lifestyle variables in Flemish vegetarians compared with non-vegetarians. Ergonomics, 2005, 48, 1433-1444.	1.1	35

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37	Nutrient Based Estimation of Acid-Base Balance in Vegetarians and Non-vegetarians. Plant Foods for Human Nutrition, 2010, 65, 77-82.	1.4	34
38	Nutritional intervention in chronic pain: an innovative way of targeting central nervous system sensitization?. Expert Opinion on Therapeutic Targets, 2020, 24, 793-803.	1.5	33
39	Coldâ€water or partialâ€body cryotherapy? Comparison of physiological responses and recovery following muscle damage. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1252-1262.	1.3	32
40	Insights into children's independent mobility for transportation cycling—Which socio-ecological factors matter?. Journal of Science and Medicine in Sport, 2017, 20, 267-272.	0.6	31
41	Factors related with public open space use among adolescents: a study using GPS and accelerometers. International Journal of Health Geographics, 2018, 17, 3.	1.2	31
42	Nutritional Status of Flemish Vegetarians Compared with Non-Vegetarians: A Matched Samples Study. Nutrients, 2010, 2, 770-780.	1.7	28
43	Creating Cycling-Friendly Environments for Children: Which Micro-Scale Factors Are Most Important? An Experimental Study Using Manipulated Photographs. PLoS ONE, 2015, 10, e0143302.	1.1	27
44	Active Use of Parks in Flanders (Belgium): An Exploratory Observational Study. International Journal of Environmental Research and Public Health, 2017, 14, 35.	1.2	27
45	Measurement of Epidermal Capacitance. , 2006, , 337-344.		27
46	Health aspects, nutrition and physical characteristics in matched samples of institutionalized vegetarian and non-vegetarian elderly (> 65yrs). Nutrition and Metabolism, 2011, 8, 37.	1.3	26
47	Influence of probe application pressure on <i>in vitro</i> and <i>in vivo</i> capacitance (Corneometer) Tj ETQq1 Technology, 2011, 17, 445-450.	1 0.7843 0.8	14 rgBT /Ov 24
48	Older E-bike Users: Demographic, Health, Mobility Characteristics, and Cycling Levels. Medicine and Science in Sports and Exercise, 2018, 50, 1780-1789.	0.2	24
49	Older adults' environmental preferences for transportation cycling. Journal of Transport and Health, 2019, 13, 185-199.	1.1	24
50	A Qualitative Estimate of the Influence of Halcinonide Concentration and Urea on the Reservoir Formation in the Stratum Corneum. Skin Pharmacology and Physiology, 1999, 12, 85-89.	1.1	23
51	Reproducibility and Validity of a Semiquantitative Food Frequency Questionnaire Among Military Men. Military Medicine, 2009, 174, 852-856.	0.4	23
52	Correlates of University Students' Soft and Energy Drink Consumption According to Gender and Residency. Nutrients, 2015, 7, 6550-6566.	1.7	23
53	Choice of transport mode in emerging adulthood: Differences between secondary school students, studying young adults and working young adults and relations with gender, SES and living environment. Transportation Research, Part A: Policy and Practice, 2017, 103, 172-184.	2.0	22
54	Nutritional neurobiology and central nervous system sensitisation: missing link in a comprehensive treatment for chronic pain?. British Journal of Anaesthesia, 2019, 123, 539-543.	1.5	22

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55	Partialâ€body cryotherapy (â~'135°C) and coldâ€water immersion (10°C) after muscle damage in females. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 485-495.	1.3	22
56	The Visi-Chroma VC-100® : a new imaging colorimeter for dermatocosmetic research. Skin Research and Technology, 2001, 7, 24-31.	0.8	21
57	Which physical and social environmental factors are most important for adolescents' cycling for transport? An experimental study using manipulated photographs. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 108.	2.0	21
58	Longitudinal study on the association between three dietary indices, anthropometric parameters and blood lipids. Nutrition and Metabolism, 2015, 12, 47.	1.3	19
59	Obesity Hurts: The Why and How of Integrating Weight Reduction With Chronic Pain Management. Physical Therapy, 2021, 101, .	1.1	19
60	Psychosocial and environmental correlates of active and passive transport behaviors in college educated working young adults. PLoS ONE, 2017, 12, e0174263.	1.1	19
61	Relationship between anatomical skin site and response to halcinonide and methyl nicotinate studied by bioengineering techniques. Skin Research and Technology, 1997, 3, 161-168.	0.8	18
62	Determinants of changes in women's and men's eating behavior across the transition to parenthood: a focus group study. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 95.	2.0	18
63	Assessing cycling-friendly environments for children: are micro-environmental factors equally important across different street settings?. International Journal of Behavioral Nutrition and Physical Activity, 2015, 12, 54.	2.0	17
64	Pyschosocial factors associated with children's cycling for transport: A cross-sectional moderation study. Preventive Medicine, 2016, 86, 141-146.	1.6	17
65	Stability of physical activity, fitness components and diet quality indices. European Journal of Clinical Nutrition, 2017, 71, 519-524.	1.3	16
66	An experimental study using manipulated photographs to examine interactions between micro-scale environmental factors for children's cycling for transport. Journal of Transport Geography, 2018, 66, 30-34.	2.3	16
67	Perfusion of the skin's microcirculation after coldâ€water immersion (10°C) and partialâ€body cryotherapy (â^'135°C). Skin Research and Technology, 2019, 25, 677-682.	0.8	16
68	There is no influence of a temperature rise on in vivo adsorption of UV filters into the stratum corneum. Journal of Dermatological Science, 2001, 27, 77-81.	1.0	14
69	Nutritional factors in chronic musculoskeletal pain: unravelling the underlying mechanisms. British Journal of Anaesthesia, 2020, 125, e231-e233.	1.5	14
70	Differences in physical environmental characteristics between adolescents' actual and shortest cycling routes: a study using a Google Street View-based audit. International Journal of Health Geographics, 2018, 17, 16.	1.2	13
71	Changes in weight and body composition across five years at university: AÂprospective observational study. PLoS ONE, 2019, 14, e0225187.	1.1	13
72	Plant-based dietary patterns in Flemish adults: a 10-year trend analysis. European Journal of Nutrition, 2022, 61, 561-565.	1.8	13

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73	Preâ€exercise hypohydration prevalence in soccer players: A quantitative systematic review European Journal of Sport Science, 2020, 20, 744-755.	1.4	12
74	Bioelectrical impedance analysis as a means of quantifying upper and lower limb asymmetry in youth elite tennis players: An explorative study. European Journal of Sport Science, 2022, 22, 1343-1354.	1.4	12
75	Using Manipulated Photographs to Identify Features of Streetscapes That May Encourage Older Adults to Walk for Transport. PLoS ONE, 2014, 9, e112107.	1.1	11
76	Comparison of Commercial Electrical Measurement Instruments for Assessing the Hydration State of the Stratum Corneum. , 2006, , 351-358.		11
77	Relation between dietary pattern analysis (principal component analysis) and body mass index: a 5-year follow-up study in a Belgian military population. Journal of the Royal Army Medical Corps, 2016, 162, 23-29.	0.8	10
78	Body weight, body composition and energy balance related behaviour during the transition to parenthood: study protocol of a multi-centre observational follow-up study (TRANSPARENTS). BMC Public Health, 2019, 19, 516.	1.2	10
79	Relative Importance of Determinants of Changes in Eating Behavior during the Transition to Parenthood: Priorities for Future Research and Interventions. Nutrients, 2021, 13, 2429.	1.7	10
80	Physical fitness and healthâ€related parameters in vegetarian and omnivorous students. Nutrition and Food Science, 2000, 30, 243-249.	0.4	9
81	In vivo determination of the diclofenac skin reservoir: comparison between passive, occlusive, and iontophoretic application. Drug Design, Development and Therapy, 2015, 9, 835.	2.0	9
82	Relation Between Sugar-Sweetened Beverage Consumption, Nutrition, and Lifestyle in a Military Population. Military Medicine, 2016, 181, 1335-1339.	0.4	9
83	The skin blanching assay with halcinonide, influence of halcinonide concentration and application time ⋆. Journal of the European Academy of Dermatology and Venereology, 1995, 5, 250-257.	1.3	8
84	In Vivo Evaluation of the Hydration State of the Skin: Measurements and Methods for Claim Support. , 1999, , 57-80.		8
85	Estimating Body Composition in Adolescent Sprint Athletes: Comparison of Different Methods in a 3 Years Longitudinal Design. PLoS ONE, 2015, 10, e0136788.	1.1	8
86	Subgroups of adolescents differing in physical and social environmental preferences towards cycling for transport: A latent class analysis. Preventive Medicine, 2018, 112, 70-75.	1.6	8
87	Energy availability and nutrition during a Special Force Qualification Course (Q-Course). Journal of the Royal Army Medical Corps, 2019, 165, 325-329.	0.8	8
88	Diet can exert both analgesic and pronociceptive effects in acute and chronic pain models: a systematic review of preclinical studies. Nutritional Neuroscience, 2022, 25, 2195-2217.	1.5	8
89	Local Heat Applications as a Treatment of Physical and Functional Parameters in Acute and Chronic Musculoskeletal Disorders or Pain. Archives of Physical Medicine and Rehabilitation, 2022, 103, 505-522.	0.5	8
90	Morphological and functional asymmetry in elite youth tennis players compared to sex- and age-matched controls. Journal of Sports Sciences, 2022, 40, 1618-1628.	1.0	8

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91	Body Mass Index, Physical Activity, and Smoking in Relation to Military Readiness. Military Medicine, 2014, 179, 901-905.	0.4	7
92	The hydration status of young female elite soccer players during an official tournament. Journal of Sports Medicine and Physical Fitness, 2017, 57, 1186-1194.	0.4	7
93	Upper extremity bone mineral content asymmetries in tennis players: A systematic review and meta-analysis. Journal of Sports Sciences, 2019, 37, 988-997.	1.0	7
94	Longitudinal changes in hearing threshold levels for noise-exposed military personnel. International Archives of Occupational and Environmental Health, 2019, 92, 219-226.	1.1	7
95	The effect of nudges aligned with the renewed Flemish Food Triangle on the purchase of fresh fruits: An on-campus restaurant experiment. Appetite, 2020, 144, 104479.	1.8	7
96	A 10â€year longitudinal study on the associations between changes in plantâ€based diet indices, anthropometric parameters and blood lipids in a Flemish adult population. Nutrition and Dietetics, 2020, 77, 196-203.	0.9	7
97	Misreporting of Physical Activity and Sedentary Behavior in Parents-to-Be: A Validation Study across Sex. International Journal of Environmental Research and Public Health, 2021, 18, 4654.	1.2	7
98	Promoting Active Transport in Older Adolescents Before They Obtain Their Driving Licence: A Matched Control Intervention Study. PLoS ONE, 2016, 11, e0168594.	1.1	7
99	International vs. national female tennis players: a comparison of upper and lower extremity functional asymmetries. Journal of Sports Medicine and Physical Fitness, 2022, 62, .	0.4	7
100	The Effect of Pre-Exercise Cooling on Performance Characteristics: A Systematic Review and Meta-Analysis. International Journal of Clinical Medicine, 2018, 09, 117-141.	0.1	7
101	Determinants of Changes in Women's and Men's Physical Activity and Sedentary Behavior across the Transition to Parenthood: A Focus Group Study. International Journal of Environmental Research and Public Health, 2022, 19, 2421.	1.2	7
102	Beer, wine and lifestyle: a cross-sectional study of the Belgian military population. Military Medical Research, 2015, 2, 33.	1.9	6
103	Feasibility and effectiveness of thoracic spine mobilization on sympathetic/parasympathetic balance in a healthy population - a randomized controlled double-blinded pilot study. Archives of Physiotherapy, 2019, 9, 15.	0.7	6
104	No Relationship between Lean Mass and Functional Asymmetry in High-Level Female Tennis Players. International Journal of Environmental Research and Public Health, 2021, 18, 11928.	1.2	6
105	Estimation of sweat rates during cycling exercise by means of the closed chamber condenser technology. Skin Research and Technology, 2017, 23, 30-35.	0.8	5
106	Diet/Nutrition: Ready to Transition from a Cancer Recurrence/Prevention Strategy to a Chronic Pain Management Modality for Cancer Survivors?. Journal of Clinical Medicine, 2022, 11, 653.	1.0	5
107	Recommendations for the Development of Family-Based Interventions Aiming to Prevent Unhealthy Changes in Energy Balance-Related Behavior during the Transition to Parenthood: A Focus Group Study. Nutrients, 2022, 14, 2346.	1.7	5
108	The effect of local cryotherapy on subjective and objective recovery characteristics following an exhaustive jump protocol. Open Access Journal of Sports Medicine, 2016, Volume 7, 89-97.	0.6	4

#	Article	IF	CITATIONS
109	Non-invasive Assessments of Subjective and Objective Recovery Characteristics Following an Exhaustive Jump Protocol. Journal of Visualized Experiments, 2017, , .	0.2	4
110	Relation between sugar-sweetened beverage consumption and micronutrient intake in a prospective study. European Journal of Clinical Nutrition, 2018, 72, 170-173.	1.3	4
111	Whole-body morphological asymmetries in high-level female tennis players: A cross‑sectional study. Journal of Sports Sciences, 2021, 39, 777-782.	1.0	4
112	Hydration Status in Adolescent Alpine Skiers During a Training Camp. Journal of Human Kinetics, 2021, 79, 55-63.	0.7	4
113	Nutritional intake of various groups of Flemish vegetarians. Archives of Public Health, 2011, 68, .	1.0	3
114	The influence of stratum corneum hydration on body fat determination by bioelectrical impedance analysis. Skin Research and Technology, 2012, 18, 55-60.	0.8	3
115	Physiological responses, hitting accuracy and step count of a tennis drill in function of court surface: a randomised cross-over design. International Journal of Performance Analysis in Sport, 2017, 17, 622-629.	0.5	3
116	Dietary Intake, Hydration Status, and Body Composition of Three Belgian Military Groups. Military Medicine, 2020, 185, e1175-e1182.	0.4	3
117	Comparison of two skin temperature assessment methods after the application of topical revulsive products: Conductive iButton data logger system vs contactâ€free infrared thermometry. Skin Research and Technology, 2020, 26, 648-653.	0.8	3
118	East-Greenland traditional nutrition: a reanalysis of the Inuit energy balance and the macronutrient consumption from the HÃygaard nutritional data (1936-1937). International Journal of Circumpolar Health, 2021, 80, 1932184.	0.5	3
119	The influence of a single topical corticosteroid application on the hydration state of the stratum corneum. Journal of Dermatological Treatment, 1997, 8, 193-197.	1.1	2
120	Influence of the timing of ultrasound application on the penetration of corticosteroids. Skin Research and Technology, 2013, 19, e279-82.	0.8	2
121	Assessment of sugar-sweetened beverage consumption and weight change: a prospective cohort study. BMC Nutrition, 2017, 3, 57.	0.6	2
122	Low 10-year reproducibility of glycaemic index and glycaemic load in a prospective cohort study. British Journal of Nutrition, 2018, 120, 227-230.	1.2	2
123	Vitamin C in East-Greenland traditional nutrition: a reanalysis of the HÃygaard nutritional data (1936-1937). International Journal of Circumpolar Health, 2021, 80, 1951471.	0.5	2
124	Energy Balance and Energy Availability During a Selection Course for Belgian Paratroopers. Military Medicine, 2021, 186, 1176-1182.	0.4	2
125	Measurement of Skin Surface Hydration. , 2017, , 143-147.		2
126	Does lipid sampling with the Sebutape technique disturb the skin physiology?. Skin Research and Technology, 1997, 3, 169-172.	0.8	1

#	Article	IF	CITATIONS
127	Dietary Patterns in Plant-Based, Vegetarian, and Omnivorous Diets. , 2017, , 175-196.		1
128	Stability of potential renal acid load. Nutrition and Dietetics, 2020, 77, 139-143.	0.9	1
129	The Effect of a Tailored Intervention on Female Soccer Players' Hydration Status. Journal of Human Kinetics, 2021, 78, 131-140.	0.7	1
130	The influence of parental body composition and lifestyle on offspring growth trajectories. Pediatric Obesity, 2022, , e12929.	1.4	1
131	The Paradox of Ingestion of Dietary Cholesterol in "Vegansâ€â€"Reply. Nutrients, 2017, 9, 786.	1.7	0
132	Nutritional Profiles of Elderly Vegetarians. , 2017, , 599-617.		0
133	Differences in food intake and diet quality in vegans, vegetarians and omnivores in Belgium. Proceedings of the Nutrition Society, 2018, 77, .	0.4	Ο
134	Measurement of Skin Surface Hydration. , 2015, , 1-5.		0
135	East-Greenland traditional nutrition: a reanalysis of the HÃygaard et al. nutritional data (1936-1937). British Journal of Nutrition, 2021, , 1-19.	1.2	0