

Peter Clarys

List of Publications by Year in descending order

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Version: 2024-02-01

135
papers

5,006
citations

126708

33
h-index

102304

66
g-index

144
all docs

144
docs citations

144
times ranked

6216
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet can exert both analgesic and pronociceptive effects in acute and chronic pain models: a systematic review of preclinical studies. <i>Nutritional Neuroscience</i> , 2022, 25, 2195-2217.	1.5	8
2	Plant-based dietary patterns in Flemish adults: a 10-year trend analysis. <i>European Journal of Nutrition</i> , 2022, 61, 561-565.	1.8	13
3	Local Heat Applications as a Treatment of Physical and Functional Parameters in Acute and Chronic Musculoskeletal Disorders or Pain. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 505-522.	0.5	8
4	Bioelectrical impedance analysis as a means of quantifying upper and lower limb asymmetry in youth elite tennis players: An explorative study. <i>European Journal of Sport Science</i> , 2022, 22, 1343-1354.	1.4	12
5	International vs. national female tennis players: a comparison of upper and lower extremity functional asymmetries. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, .	0.4	7
6	Diet/Nutrition: Ready to Transition from a Cancer Recurrence/Prevention Strategy to a Chronic Pain Management Modality for Cancer Survivors?. <i>Journal of Clinical Medicine</i> , 2022, 11, 653.	1.0	5
7	Determinants of Changes in Women's and Men's Physical Activity and Sedentary Behavior across the Transition to Parenthood: A Focus Group Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2421.	1.2	7
8	The influence of parental body composition and lifestyle on offspring growth trajectories. <i>Pediatric Obesity</i> , 2022, , e12929.	1.4	1
9	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. <i>Nutrients</i> , 2022, 14, 2346.	1.7	5
10	Morphological and functional asymmetry in elite youth tennis players compared to sex- and age-matched controls. <i>Journal of Sports Sciences</i> , 2022, 40, 1618-1628.	1.0	8
11	Whole-body morphological asymmetries in high-level female tennis players: A cross-sectional study. <i>Journal of Sports Sciences</i> , 2021, 39, 777-782.	1.0	4
12	East-Greenland traditional nutrition: a reanalysis of the Inuit energy balance and the macronutrient consumption from the HÅygaard nutritional data (1936-1937). <i>International Journal of Circumpolar Health</i> , 2021, 80, 1932184.	0.5	3
13	Vitamin C in East-Greenland traditional nutrition: a reanalysis of the HÅygaard nutritional data (1936-1937). <i>International Journal of Circumpolar Health</i> , 2021, 80, 1951471.	0.5	2
14	The Effect of a Tailored Intervention on Female Soccer Players' Hydration Status. <i>Journal of Human Kinetics</i> , 2021, 78, 131-140.	0.7	1
15	Misreporting of Physical Activity and Sedentary Behavior in Parents-to-Be: A Validation Study across Sex. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4654.	1.2	7
16	Energy Balance and Energy Availability During a Selection Course for Belgian Paratroopers. <i>Military Medicine</i> , 2021, 186, 1176-1182.	0.4	2
17	Determinants of changes in women's and men's eating behavior across the transition to parenthood: a focus group study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 95.	2.0	18
18	Relative Importance of Determinants of Changes in Eating Behavior during the Transition to Parenthood: Priorities for Future Research and Interventions. <i>Nutrients</i> , 2021, 13, 2429.	1.7	10

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19	Hydration Status in Adolescent Alpine Skiers During a Training Camp. <i>Journal of Human Kinetics</i> , 2021, 79, 55-63.	0.7	4
20	Obesity Hurts: The Why and How of Integrating Weight Reduction With Chronic Pain Management. <i>Physical Therapy</i> , 2021, 101, .	1.1	19
21	No Relationship between Lean Mass and Functional Asymmetry in High-Level Female Tennis Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11928.	1.2	6
22	East-Greenland traditional nutrition: a reanalysis of the HÃygaard et al. nutritional data (1936-1937). <i>British Journal of Nutrition</i> , 2021, , 1-19.	1.2	0
23	Stability of potential renal acid load. <i>Nutrition and Dietetics</i> , 2020, 77, 139-143.	0.9	1
24	Preâ€xercise hypohydration prevalence in soccer players: A quantitative systematic review.. <i>European Journal of Sport Science</i> , 2020, 20, 744-755.	1.4	12
25	The effect of nudges aligned with the renewed Flemish Food Triangle on the purchase of fresh fruits: An on-campus restaurant experiment. <i>Appetite</i> , 2020, 144, 104479.	1.8	7
26	Lifestyle and Chronic Pain across the Lifespan: An Inconvenient Truth?. <i>PM and R</i> , 2020, 12, 410-419.	0.9	62
27	Partialâ€body cryotherapy (âˆ˜135Â°C) and coldâ€water immersion (10Â°C) after muscle damage in females. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 485-495.	1.3	22
28	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. <i>Nutrition and Dietetics</i> , 2020, 77, 196-203.	0.9	7
29	Nutritional intervention in chronic pain: an innovative way of targeting central nervous system sensitization?. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 793-803.	1.5	33
30	Nutritional factors in chronic musculoskeletal pain: unravelling the underlying mechanisms. <i>British Journal of Anaesthesia</i> , 2020, 125, e231-e233.	1.5	14
31	Do Nutritional Factors Interact with Chronic Musculoskeletal Pain? A Systematic Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 702.	1.0	56
32	Chronic Musculoskeletal Pain and Nutrition: Where Are We and Where Are We Heading?. <i>PM and R</i> , 2020, 12, 1268-1278.	0.9	40
33	Dietary Intake, Hydration Status, and Body Composition of Three Belgian Military Groups. <i>Military Medicine</i> , 2020, 185, e1175-e1182.	0.4	3
34	Comparison of two skin temperature assessment methods after the application of topical revulsive products: Conductive iButton data logger system vs contactâ€free infrared thermometry. <i>Skin Research and Technology</i> , 2020, 26, 648-653.	0.8	3
35	Changes in weight and body composition across five years at university: Aâ€prospective observational study. <i>PLoS ONE</i> , 2019, 14, e0225187.	1.1	13
36	Nutritional neurobiology and central nervous system sensitisation: missing link in a comprehensive treatment for chronic pain?. <i>British Journal of Anaesthesia</i> , 2019, 123, 539-543.	1.5	22

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37	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
38	Perfusion of the skin's microcirculation after cold-water immersion (10°C) and partial-body cryotherapy (~135°C). Skin Research and Technology, 2019, 25, 677-682.	0.8	16
39	Older adults' environmental preferences for transportation cycling. Journal of Transport and Health, 2019, 13, 185-199.	1.1	24
40	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
41	E-bikes among older adults: benefits, disadvantages, usage and crash characteristics. Transportation, 2019, 46, 2151-2172.	2.1	52
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	Cold-water or partial-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
51	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
52	Differences in food intake and diet quality in vegans, vegetarians and omnivores in Belgium. Proceedings of the Nutrition Society, 2018, 77, .	0.4	0
53	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
54	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

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55	Differences in physical environmental characteristics between adolescents' actual and shortest cycling routes: a study using a Google Street View-based audit. <i>International Journal of Health Geographics</i> , 2018, 17, 16.	1.2	13
56	Park characteristics preferred for adolescent park visitation and physical activity: A choice-based conjoint analysis using manipulated photographs. <i>Landscape and Urban Planning</i> , 2018, 178, 144-155.	3.4	54
57	Factors related with public open space use among adolescents: a study using GPS and accelerometers. <i>International Journal of Health Geographics</i> , 2018, 17, 3.	1.2	31
58	Effect and Process Evaluation of a Smartphone App to Promote an Active Lifestyle in Lower Educated Working Young Adults: Cluster Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2018, 6, e10003.	1.8	41
59	A Smartphone App to Promote an Active Lifestyle in Lower-Educated Working Young Adults: Development, Usability, Acceptability, and Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2018, 6, e44.	1.8	42
60	The Effect of Pre-Exercise Cooling on Performance Characteristics: A Systematic Review and Meta-Analysis. <i>International Journal of Clinical Medicine</i> , 2018, 09, 117-141.	0.1	7
61	Estimation of sweat rates during cycling exercise by means of the closed chamber condenser technology. <i>Skin Research and Technology</i> , 2017, 23, 30-35.	0.8	5
62	Vegetarianism and meat consumption: A comparison of attitudes and beliefs between vegetarian, semi-vegetarian, and omnivorous subjects in Belgium. <i>Appetite</i> , 2017, 114, 299-305.	1.8	149
63	Physiological responses, hitting accuracy and step count of a tennis drill in function of court surface: a randomised cross-over design. <i>International Journal of Performance Analysis in Sport</i> , 2017, 17, 622-629.	0.5	3
64	Non-invasive Assessments of Subjective and Objective Recovery Characteristics Following an Exhaustive Jump Protocol. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	4
65	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. <i>Transportation Research, Part A: Policy and Practice</i> , 2017, 103, 172-184.	2.0	22
66	Insights into children's independent mobility for transportation cycling: Which socio-ecological factors matter?. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 267-272.	0.6	31
67	Stability of physical activity, fitness components and diet quality indices. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 519-524.	1.3	16
68	Which physical and social environmental factors are most important for adolescents' cycling for transport? An experimental study using manipulated photographs. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 108.	2.0	21
69	Effects of low-level laser therapy on pain in patients with musculoskeletal disorders: a systematic review and meta-analysis. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017, 53, 603-610.	1.1	74
70	The Paradox of Ingestion of Dietary Cholesterol in "Vegans" Reply. <i>Nutrients</i> , 2017, 9, 786.	1.7	0
71	Active Use of Parks in Flanders (Belgium): An Exploratory Observational Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 35.	1.2	27
72	Dietary Patterns in Plant-Based, Vegetarian, and Omnivorous Diets. , 2017, , 175-196.		1

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73	Nutritional Profiles of Elderly Vegetarians. , 2017, , 599-617.		0
74	Assessment of sugar-sweetened beverage consumption and weight change: a prospective cohort study. BMC Nutrition, 2017, 3, 57.	0.6	2
75	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
76	Psychosocial and environmental correlates of active and passive transport behaviors in college educated and non-college educated working young adults. PLoS ONE, 2017, 12, e0174263.	1.1	19
77	Measurement of Skin Surface Hydration. , 2017, , 143-147.		2
78	Relation Between Sugar-Sweetened Beverage Consumption, Nutrition, and Lifestyle in a Military Population. Military Medicine, 2016, 181, 1335-1339.	0.4	9
79	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
80	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
81	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
82	Psychosocial factors associated with children's cycling for transport: A cross-sectional moderation study. Preventive Medicine, 2016, 86, 141-146.	1.6	17
83	Dietary interventions among university students: A systematic review. Appetite, 2016, 105, 14-26.	1.8	72
84	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
85	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
86	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
87	Longitudinal study on the association between three dietary indices, anthropometric parameters and blood lipids. Nutrition and Metabolism, 2015, 12, 47.	1.3	19
88	Beer, wine and lifestyle: a cross-sectional study of the Belgian military population. Military Medical Research, 2015, 2, 33.	1.9	6
89	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
90	Correlates of University Students'™ Soft and Energy Drink Consumption According to Gender and Residency. Nutrients, 2015, 7, 6550-6566.	1.7	23

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91	The Effect of Post-Exercise Cryotherapy on Recovery Characteristics: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0139028.	1.1	125
92	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
93	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
94	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
95	Measurement of Skin Surface Hydration. , 2015, , 1-5.		0
96	Critical Environmental Factors for Transportation Cycling in Children: A Qualitative Study Using Bike-Along Interviews. PLoS ONE, 2014, 9, e106696.	1.1	43
97	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
98	Body Mass Index, Physical Activity, and Smoking in Relation to Military Readiness. Military Medicine, 2014, 179, 901-905.	0.4	7
99	Determinants of eating behaviour in university students: a qualitative study using focus group discussions. BMC Public Health, 2014, 14, 53.	1.2	321
100	Why do young adults choose different transport modes? A focus group study. Transport Policy, 2014, 36, 151-159.	3.4	66
101	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
102	Comparison of Nutritional Quality of the Vegan, Vegetarian, Semi-Vegetarian, Pesco-Vegetarian and Omnivorous Diet. Nutrients, 2014, 6, 1318-1332.	1.7	340
103	Influence of the timing of ultrasound application on the penetration of corticosteroids. Skin Research and Technology, 2013, 19, e279-82.	0.8	2
104	Factors influencing mode of transport in older adolescents: a qualitative study. BMC Public Health, 2013, 13, 323.	1.2	53
105	Dietary pattern analysis: a comparison between matched vegetarian and omnivorous subjects. Nutrition Journal, 2013, 12, 82.	1.5	36
106	Changes in weight and body composition during the first semester at university. A prospective explanatory study. Appetite, 2013, 65, 111-116.	1.8	64
107	Physical environmental factors related to walking and cycling in older adults: the Belgian aging studies. BMC Public Health, 2012, 12, 142.	1.2	135
108	Environmental factors influencing older adults's walking for transportation: a study using walk-along interviews. International Journal of Behavioral Nutrition and Physical Activity, 2012, 9, 85.	2.0	182

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109	The influence of stratum corneum hydration on body fat determination by bioelectrical impedance analysis. <i>Skin Research and Technology</i> , 2012, 18, 55-60.	0.8	3
110	Hydration measurements of the stratum corneum: comparison between the capacitance method (digital version of the <i>C</i> orneometer <i>CM</i> 825 [®]) and the impedance method (<i>S</i> kin [®] <i>EX</i> 200 [®]). <i>Skin Research and Technology</i> , 2012, 18, 316-323.	0.8	104
111	Nutritional intake of various groups of Flemish vegetarians. <i>Archives of Public Health</i> , 2011, 68, .	1.0	3
112	Influence of probe application pressure on <i>in vitro</i> and <i>in vivo</i> capacitance (Corneometer) <i>Tj ETQq0 0.0 rgBT /Overlock 10</i> Technology, 2011, 17, 445-450.	0.8	24
113	Relationship between the physical environment and physical activity in older adults: A systematic review. <i>Health and Place</i> , 2011, 17, 458-469.	1.5	396
114	Health aspects, nutrition and physical characteristics in matched samples of institutionalized vegetarian and non-vegetarian elderly (> 65yrs). <i>Nutrition and Metabolism</i> , 2011, 8, 37.	1.3	26
115	Nutrient Based Estimation of Acid-Base Balance in Vegetarians and Non-vegetarians. <i>Plant Foods for Human Nutrition</i> , 2010, 65, 77-82.	1.4	34
116	Dietary patterns and socioeconomic position. <i>European Journal of Clinical Nutrition</i> , 2010, 64, 231-238.	1.3	136
117	Nutritional Status of Flemish Vegetarians Compared with Non-Vegetarians: A Matched Samples Study. <i>Nutrients</i> , 2010, 2, 770-780.	1.7	28
118	Reproducibility and Validity of a Semiquantitative Food Frequency Questionnaire Among Military Men. <i>Military Medicine</i> , 2009, 174, 852-856.	0.4	23
119	Measurement of Epidermal Capacitance. , 2006, , 337-344.		27
120	Comparison of Commercial Electrical Measurement Instruments for Assessing the Hydration State of the Stratum Corneum. , 2006, , 351-358.		11
121	Cross-sectional analysis of BMI and some lifestyle variables in Flemish vegetarians compared with non-vegetarians. <i>Ergonomics</i> , 2005, 48, 1433-1444.	1.1	35
122	There is no influence of a temperature rise on <i>in vivo</i> adsorption of UV filters into the stratum corneum. <i>Journal of Dermatological Science</i> , 2001, 27, 77-81.	1.0	14
123	The Visi-Chroma VC-100 [®] : a new imaging colorimeter for dermatocosmetic research. <i>Skin Research and Technology</i> , 2001, 7, 24-31.	0.8	21
124	Physical fitness and health-related parameters in vegetarian and omnivorous students. <i>Nutrition and Food Science</i> , 2000, 30, 243-249.	0.4	9
125	Skin color measurements: comparison between three instruments: the Chromameter [®] , the DermaSpectrometer [®] and the Mexameter [®] . <i>Skin Research and Technology</i> , 2000, 6, 230-238.	0.8	320
126	Growth, development, and physical fitness of Flemish vegetarian children, adolescents, and young adults. <i>American Journal of Clinical Nutrition</i> , 1999, 70, 579S-585S.	2.2	65

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127	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®. <i>Skin Research and Technology</i> , 1999, 5, 14-20.	0.8	51
128	In Vivo Evaluation of the Hydration State of the Skin: Measurements and Methods for Claim Support. , 1999, , 57-80.		8
129	A Qualitative Estimate of the Influence of Halcinonide Concentration and Urea on the Reservoir Formation in the Stratum Corneum. <i>Skin Pharmacology and Physiology</i> , 1999, 12, 85-89.	1.1	23
130	In vitro percutaneous penetration through hairless rat skin: influence of temperature, vehicle and penetration enhancers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1998, 46, 279-283.	2.0	58
131	The influence of a single topical corticosteroid application on the hydration state of the stratum corneum. <i>Journal of Dermatological Treatment</i> , 1997, 8, 193-197.	1.1	2
132	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. <i>Skin Research and Technology</i> , 1997, 3, 107-113.	0.8	51
133	Relationship between anatomical skin site and response to halcinonide and methyl nicotinate studied by bioengineering techniques. <i>Skin Research and Technology</i> , 1997, 3, 161-168.	0.8	18
134	Does lipid sampling with the Sebutape technique disturb the skin physiology?. <i>Skin Research and Technology</i> , 1997, 3, 169-172.	0.8	1
135	The skin blanching assay with halcinonide, influence of halcinonide concentration and application time. <i>Journal of the European Academy of Dermatology and Venereology</i> , 1995, 5, 250-257.	1.3	8