

Michael F Leitzmann

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

4,653
citations

136950

32
h-index

114465

63
g-index

102
all docs

102
docs citations

102
times ranked

8482
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical activity and the risk of type 2 diabetes: a systematic review and dose-response meta-analysis. <i>European Journal of Epidemiology</i> , 2015, 30, 529-542.	5.7	564
2	Energy balance and obesity: what are the main drivers?. <i>Cancer Causes and Control</i> , 2017, 28, 247-258.	1.8	455
3	Television Viewing and Time Spent Sedentary in Relation to Cancer Risk: A Meta-Analysis. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	267
4	Perspective: NutriGrade: A Scoring System to Assess and Judge the Meta-Evidence of Randomized Controlled Trials and Cohort Studies in Nutrition Research. <i>Advances in Nutrition</i> , 2016, 7, 994-1004.	6.4	230
5	Obesity and cancer: An update of the global impact. <i>Cancer Epidemiology</i> , 2016, 41, 8-15.	1.9	217
6	Advancing the global physical activity agenda: recommendations for future research by the 2020 WHO physical activity and sedentary behavior guidelines development group. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 143.	4.6	166
7	Framework to construct and interpret latent class trajectory modelling. <i>BMJ Open</i> , 2018, 8, e020683.	1.9	149
8	Associations of Objectively Assessed Physical Activity and Sedentary Time with All-Cause Mortality in US Adults: The NHANES Study. <i>PLoS ONE</i> , 2015, 10, e0119591.	2.5	130
9	New global guidelines on sedentary behaviour and health for adults: broadening the behavioural targets. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 151.	4.6	121
10	European Code against Cancer 4th Edition: Obesity, body fatness and cancer. <i>Cancer Epidemiology</i> , 2015, 39, S34-S45.	1.9	106
11	European Code against Cancer 4th Edition: Physical activity and cancer. <i>Cancer Epidemiology</i> , 2015, 39, S46-S55.	1.9	102
12	Body mass index, physical activity, and risk of adult meningioma and glioma. <i>Neurology</i> , 2015, 85, 1342-1350.	1.1	96
13	Comparison of general obesity and measures of body fat distribution in older adults in relation to cancer risk: meta-analysis of individual participant data of seven prospective cohorts in Europe. <i>British Journal of Cancer</i> , 2017, 116, 1486-1497.	6.4	89
14	European Code against Cancer 4th Edition: Alcohol drinking and cancer. <i>Cancer Epidemiology</i> , 2015, 39, S67-S74.	1.9	87
15	Obesity and Colorectal Cancer. <i>Recent Results in Cancer Research</i> , 2016, 208, 17-41.	1.8	79
16	European Code against Cancer 4th Edition: Alcohol drinking and cancer. <i>Cancer Epidemiology</i> , 2016, 45, 181-188.	1.9	75
17	Objectively measured physical activity and plasma metabolomics in the Shanghai Physical Activity Study. <i>International Journal of Epidemiology</i> , 2016, 45, 1433-1444.	1.9	64
18	Diabetes, use of antidiabetic drugs, and the risk of glioma. <i>Neuro-Oncology</i> , 2016, 18, 340-349.	1.2	59

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19	Association between physical activity and risk of hepatobiliary cancers: A multinational cohort study. <i>Journal of Hepatology</i> , 2019, 70, 885-892.	3.7	58
20	Body mass index and waist circumference in relation to the risk of 26 types of cancer: a prospective cohort study of 3.5 million adults in Spain. <i>BMC Medicine</i> , 2021, 19, 10.	5.5	55
21	Cardiorespiratory Fitness and Gray Matter Volume in the Temporal, Frontal, and Cerebellar Regions in the General Population. <i>Mayo Clinic Proceedings</i> , 2020, 95, 44-56.	3.0	53
22	Physical activity surveillance in the European Union: reliability and validity of the European Health Interview Survey-Physical Activity Questionnaire (EHIS-PAQ). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016, 13, 61.	4.6	51
23	Association Between Muscular Strength and Mortality in Clinical Populations: A Systematic Review and Meta-Analysis. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1213-1223.	2.5	51
24	Relation of body fat mass and fat-free mass to total mortality: results from 7 prospective cohort studies. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 639-646.	4.7	49
25	The use and interpretation of anthropometric measures in cancer epidemiology: A perspective from the world cancer research fund international continuous update project. <i>International Journal of Cancer</i> , 2016, 139, 2391-2397.	5.1	48
26	Use of metformin and survival of patients with high-grade glioma. <i>International Journal of Cancer</i> , 2019, 144, 273-280.	5.1	48
27	Suicide risk and mortality among patients with cancer. <i>Nature Medicine</i> , 2022, 28, 852-859.	30.7	47
28	Physical activity volume in relation to risk of atrial fibrillation. A non-linear meta-regression analysis. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 857-866.	1.8	45
29	Body size and physical activity in relation to incidence of chronic obstructive pulmonary disease. <i>Cmaj</i> , 2014, 186, E457-E469.	2.0	44
30	Associations of Leisure-Time and Occupational Physical Activity and Cardiorespiratory Fitness With Incident and Recurrent Major Depressive Disorder, Depressive Symptoms, and Incident Anxiety in a General Population. <i>Journal of Clinical Psychiatry</i> , 2017, 78, e41-e47.	2.2	43
31	Decline in hepatitis E virus antibody prevalence in southeastern Germany, 1996-2011. <i>Hepatology</i> , 2014, 60, 1180-1186.	7.3	42
32	The Influence of Sedentary Behavior on Cancer Risk: Epidemiologic Evidence and Potential Molecular Mechanisms. <i>Current Nutrition Reports</i> , 2019, 8, 167-174.	4.3	37
33	Reproducibility and validity of ultrasound for the measurement of visceral and subcutaneous adipose tissues. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 1512-1519.	3.4	33
34	An Evaluation of the Evidence Relating to Physical Inactivity, Sedentary Behavior, and Cancer Incidence and Mortality. <i>Current Epidemiology Reports</i> , 2017, 4, 221-231.	2.4	32
35	European Code against Cancer 4th Edition: Breastfeeding and cancer. <i>Cancer Epidemiology</i> , 2015, 39, S101-S106.	1.9	29
36	Does smoking influence the physical activity and lung cancer relation? A systematic review and meta-analysis. <i>European Journal of Epidemiology</i> , 2016, 31, 1173-1190.	5.7	28

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37	Physical activity, sedentary behavior and risk of coronary artery disease, myocardial infarction and ischemic stroke: a two-sample Mendelian randomization study. <i>Clinical Research in Cardiology</i> , 2021, 110, 1564-1573.	3.3	28
38	The preventive effect of sensorimotor- and vibration exercises on the onset of Oxaliplatin- or vinca-alkaloid induced peripheral neuropathies - STOP. <i>BMC Cancer</i> , 2018, 18, 62.	2.6	27
39	Visceral adipose tissue but not subcutaneous adipose tissue is associated with urine and serum metabolites. <i>PLoS ONE</i> , 2017, 12, e0175133.	2.5	26
40	Metabolic signature of healthy lifestyle and its relation with risk of hepatocellular carcinoma in a large European cohort. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 117-126.	4.7	26
41	Body mass index trajectories across adulthood and smoking in relation to prostate cancer risks: the NIH-AARP Diet and Health Study. <i>International Journal of Epidemiology</i> , 2019, 48, 464-473.	1.9	26
42	A healthy lifestyle pattern and the risk of symptomatic gallstone disease: results from 2 prospective cohort studies. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 586-594.	4.7	24
43	Are Metabolic Signatures Mediating the Relationship between Lifestyle Factors and Hepatocellular Carcinoma Risk? Results from a Nested Caseâ€“Control Study in EPIC. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 531-540.	2.5	23
44	Use of statins or NSAIDs and survival of patients with high-grade glioma. <i>PLoS ONE</i> , 2018, 13, e0207858.	2.5	22
45	Sedentary behavior and cancerâ€“an umbrella review and meta-analysis. <i>European Journal of Epidemiology</i> , 2022, 37, 447-460.	5.7	22
46	Evaluation of dilution and normalization strategies to correct for urinary output in HPLC-HRTOFMS metabolomics. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8483-8493.	3.7	21
47	Use of previous-day recalls of physical activity and sedentary behavior in epidemiologic studies: results from four instruments. <i>BMC Public Health</i> , 2019, 19, 478.	2.9	21
48	Quality assurance in the pre-analytical phase of human urine samples by 1H NMR spectroscopy. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 10-17.	3.0	20
49	Domains of physical activity and brain volumes: A population-based study. <i>NeuroImage</i> , 2017, 156, 101-108.	4.2	20
50	Sedentary behaviour in relation to ovarian cancer risk: a systematic review and meta-analysis. <i>European Journal of Epidemiology</i> , 2021, 36, 769-780.	5.7	19
51	Metabolic syndrome in relation to risk of meningioma. <i>Oncotarget</i> , 2017, 8, 2284-2292.	1.8	19
52	Continuous decline of hepatitis E virus seroprevalence in southern Germany despite increasing notifications, 2003â€“2015. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-8.	6.5	18
53	Sedentary Behavior and Prostate Cancer: A Systematic Review and Meta-Analysis of Prospective Cohort Studies. <i>Cancer Prevention Research</i> , 2019, 12, 675-688.	1.5	18
54	Supervised pelvic floor muscle exercise is more effective than unsupervised pelvic floor muscle exercise at improving urinary incontinence in prostate cancer patients following radical prostatectomy â€“ a systematic review and meta-analysis. <i>Disability and Rehabilitation</i> , 2022, 44, 5374-5385.	1.8	18

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55	Prediagnostic alterations in circulating bile acid profiles in the development of hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2022, 150, 1255-1268.	5.1	18
56	Lifetime and current depression in the German National Cohort (NAKO). <i>World Journal of Biological Psychiatry</i> , 2023, 24, 865-880.	2.6	18
57	Physical activity, cardiorespiratory fitness and risk of cutaneous malignant melanoma: Systematic review and meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0206087.	2.5	17
58	Gallstones and incident colorectal cancer in a large pan-European cohort study. <i>International Journal of Cancer</i> , 2019, 145, 1510-1516.	5.1	17
59	Association of physical activity and sedentary behavior with type 2 diabetes and glycemic traits: a two-sample Mendelian randomization study. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001896.	2.8	17
60	Diabetes, use of metformin, and the risk of meningioma. <i>PLoS ONE</i> , 2017, 12, e0181089.	2.5	16
61	Research Strategies for Nutritional and Physical Activity Epidemiology and Cancer Prevention. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 233-244.	2.5	15
62	Alcohol consumption and cardiorespiratory fitness in five population-based studies. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 164-172.	1.8	15
63	Diet and sedentary behaviour in relation to cancer survival. A report from the national health and nutrition examination survey linked to the U.S. mortality registry. <i>Clinical Nutrition</i> , 2020, 39, 3489-3496.	5.0	15
64	Physical Activity and Risk of Colon Cancer in Diabetic and Nondiabetic US Adults. <i>Mayo Clinic Proceedings</i> , 2016, 91, 1693-1705.	3.0	13
65	Physical Activity Does Not Lower the Risk of Lung Cancer. <i>Cancer Research</i> , 2020, 80, 3765-3769.	0.9	13
66	Clinical and epidemiological data of COVID-19 from Regensburg, Germany: a retrospective analysis of 1084 consecutive cases. <i>Infection</i> , 2021, 49, 661-669.	4.7	13
67	Body Fat Distribution and Risk of Breast, Endometrial, and Ovarian Cancer: A Two-Sample Mendelian Randomization Study. <i>Cancers</i> , 2021, 13, 5053.	3.7	13
68	Diet-quality scores and the risk of symptomatic gallstone disease: a prospective cohort study of male US health professionals. <i>International Journal of Epidemiology</i> , 2018, 47, 1938-1946.	1.9	12
69	Increased frequency of intentional weight loss associated with reduced mortality: a prospective cohort analysis. <i>BMC Medicine</i> , 2020, 18, 248.	5.5	12
70	Dietary intake of advanced glycation endproducts and risk of hepatobiliary cancers: A multinational cohort study. <i>International Journal of Cancer</i> , 2021, 149, 854-864.	5.1	12
71	How effective and how expensive are interventions to reduce sedentary behavior? An umbrella review and meta-analysis. <i>Obesity Reviews</i> , 2022, 23, e13422.	6.5	12
72	Physical Activity and Sedentary Behavior in Relation to Cancer Survival: A Narrative Review. <i>Cancers</i> , 2022, 14, 1720.	3.7	12

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73	Relationship between periodontitis and psoriasis: A two-sample Mendelian randomization study. <i>Journal of Clinical Periodontology</i> , 2022, 49, 573-579.	4.9	12
74	Autoimmune diseases and immunosuppressive therapy in relation to the risk of glioma. <i>Cancer Medicine</i> , 2020, 9, 1263-1275.	2.8	11
75	Reply to JJ Meerpohl et al.. <i>Advances in Nutrition</i> , 2017, 8, 790-791.	6.4	10
76	Substitution of sedentary time with light physical activity is related to increased bone density in U.S. women over 50 years old. An iso-temporal substitution analysis based on the National health and Nutrition Examination Survey. <i>European Journal of Sport Science</i> , 2019, 19, 1404-1413.	2.7	10
77	Association between cardiorespiratory fitness and colorectal cancer in the UK Biobank. <i>European Journal of Epidemiology</i> , 2020, 35, 961-973.	5.7	10
78	Factors associated with habitual time spent in different physical activity intensities using multiday accelerometry. <i>Scientific Reports</i> , 2020, 10, 774.	3.3	10
79	Cannabis use does not impact on type 2 diabetes: A two-sample Mendelian randomization study. <i>Addiction Biology</i> , 2021, 26, e13020.	2.6	9
80	Design and Evaluation of a Computer-Based 24-Hour Physical Activity Recall (cpar24) Instrument. <i>Journal of Medical Internet Research</i> , 2017, 19, e186.	4.3	9
81	Use of Selective Cyclooxygenase-2 Inhibitors, Other Analgesics, and Risk of Glioma. <i>PLoS ONE</i> , 2016, 11, e0149293.	2.5	8
82	Physical activity and sedentary behavior in relation to mortality among renal cell cancer survivors. <i>PLoS ONE</i> , 2018, 13, e0198995.	2.5	8
83	Diet and sedentary behaviour in relation to mortality in US adults with a cardiovascular condition: results from the National Health and Nutrition Examination Survey linked to the US mortality registry. <i>British Journal of Nutrition</i> , 2020, 124, 1329-1337.	2.3	7
84	Physical activity and Parkinson's disease: a two-sample Mendelian randomisation study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 334-335.	1.9	6
85	Anthropometric factors and the risk of ovarian cancer: A systematic review and meta-analysis. <i>Cancer Reports</i> , 2022, , e1618.	1.4	6
86	Design and characterization of dietary assessment in the German National Cohort. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 1480-1491.	2.9	5
87	Association between physical activity, grip strength and sedentary behaviour with incidence of malignant melanoma: results from the UK Biobank. <i>British Journal of Cancer</i> , 2021, 125, 593-600.	6.4	4
88	Longitudinal associations of physical activity with plasma metabolites among colorectal cancer survivors up to 24 years after treatment. <i>Scientific Reports</i> , 2021, 11, 13738.	3.3	3
89	Calcium intake in vegan and vegetarian diets: A systematic review and Meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10659-10677.	10.3	3
90	Anthropometric risk factors for ovarian cancer in the NIH-AARP Diet and Health Study. <i>Cancer Causes and Control</i> , 2021, 32, 231-239.	1.8	2

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91	Social Factors of Dietary Risk Behavior in Older German Adults: Results of a Multivariable Analysis. <i>Nutrients</i> , 2022, 14, 1057.	4.1	2
92	Suicide among patients with cancer: a call to action for researchers and clinical caregivers. <i>Clinical and Translational Medicine</i> , 2022, 12, .	4.0	2
93	Strengthening the evidence base for nutrition and cancer in low and middle income countries. <i>Journal of Global Health</i> , 2016, 6, 020306.	2.7	1
94	Postmenopausal women with medically treated diabetes have increased risk of lung cancer. <i>Evidence-based Nursing</i> , 2013, 16, 83-84.	0.2	0
95	Response. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju304-dju304.	6.3	0
96	Reply to Greenland: A serious misinterpretation of a consistent inverse association of statin use with glioma across 3 caseâ€“control studies. <i>European Journal of Epidemiology</i> , 2017, 32, 89-90.	5.7	0
97	Reply to Lu: Connecting the dots between metformin and highâ€“grade glioma. <i>International Journal of Cancer</i> , 2019, 144, 1756-1757.	5.1	0
98	Response to Yang, Shi, Wang, et al. <i>Journal of the National Cancer Institute</i> , 2020, 112, 653-653.	6.3	0
99	Trajectories of weight change from late adolescence to late middle age for lean and obese individuals. <i>FASEB Journal</i> , 2010, 24, 95.7.	0.5	0