

Michael D Wirth

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,699
citations

172457

29
h-index

206112

48
g-index

83
all docs

83
docs citations

83
times ranked

3539
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of a Dietary Inflammatory Index With Inflammatory Indices and Metabolic Syndrome Among Police Officers. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 986-989.	1.7	254
2	Dietary Inflammatory Index and Cardiovascular Risk and Mortality—A Meta-Analysis. <i>Nutrients</i> , 2018, 10, 200.	4.1	186
3	Anti-inflammatory Dietary Inflammatory Index scores are associated with healthier scores on other dietary indices. <i>Nutrition Research</i> , 2016, 36, 214-219.	2.9	121
4	Construct validation of the Dietary Inflammatory Index among African Americans. <i>Journal of Nutrition, Health and Aging</i> , 2017, 21, 487-491.	3.3	99
5	Dietary Inflammatory Potential during Pregnancy Is Associated with Lower Fetal Growth and Breastfeeding Failure: Results from Project Viva. <i>Journal of Nutrition</i> , 2016, 146, 728-736.	2.9	86
6	Randomization to plant-based dietary approaches leads to larger short-term improvements in Dietary Inflammatory Index scores and macronutrient intake compared with diets that contain meat. <i>Nutrition Research</i> , 2015, 35, 97-106.	2.9	86
7	Dietary inflammatory index and cardiometabolic risk in US adults. <i>Atherosclerosis</i> , 2018, 276, 23-27.	0.8	78
8	Association between the dietary inflammatory index, waist-to-hip ratio and metabolic syndrome. <i>Nutrition Research</i> , 2016, 36, 1298-1303.	2.9	74
9	The Dietary Inflammatory Index Is Associated with Colorectal Cancer Risk in the Multiethnic Cohort. <i>Journal of Nutrition</i> , 2017, 147, jn242529.	2.9	73
10	Relationships between chronotype, social jetlag, sleep, obesity and blood pressure in healthy young adults. <i>Chronobiology International</i> , 2019, 36, 493-509.	2.0	73
11	Dietary Inflammatory Index Scores Differ by Shift Work Status. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 145-148.	1.7	69
12	Dietary inflammatory index and memory function: population-based national sample of elderly Americans. <i>British Journal of Nutrition</i> , 2018, 119, 552-558.	2.3	66
13	Dietary patterns and risk of pancreatic cancer: a systematic review. <i>Nutrition Reviews</i> , 2017, 75, 883-908.	5.8	64
14	Prospective Association Between the Dietary Inflammatory Index and Cardiovascular Diseases in the SUPPLEMENTATION en Vitamines et MinÉraux Antioxydants (SU.VI.MAX) Cohort. <i>Journal of the American Heart Association</i> , 2016, 5, e002735.	3.7	62
15	Association between previously diagnosed circulatory conditions and a dietary inflammatory index. <i>Nutrition Research</i> , 2016, 36, 227-233.	2.9	52
16	Shiftwork Duration and the Awakening Cortisol Response Among Police Officers. <i>Chronobiology International</i> , 2011, 28, 446-457.	2.0	50
17	Choosing between responsive-design websites versus mobile apps for your mobile behavioral intervention: presenting four case studies. <i>Translational Behavioral Medicine</i> , 2017, 7, 224-232.	2.4	47
18	The Dietary Inflammatory Index and Current Wheeze Among Children and Adults in the United States. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 834-841.e2.	3.8	47

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19	The Dietary Inflammatory Index is associated with elevated white blood cell counts in the National Health and Nutrition Examination Survey. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 296-303.	4.1	47
20	The Dietary Inflammatory Index Is Associated with Prostate Cancer Risk in French Middle-Aged Adults in a Prospective Study. <i>Journal of Nutrition</i> , 2016, 146, 785-791.	2.9	44
21	Prospective association between the Dietary Inflammatory Index and mortality: modulation by antioxidant supplementation in the SU.VI.MAX randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 878-885.	4.7	40
22	Persistence of social jetlag and sleep disruption in healthy young adults. <i>Chronobiology International</i> , 2018, 35, 312-328.	2.0	40
23	The Dietary Inflammatory Index, shift work, and depression: Results from NHANES.. <i>Health Psychology</i> , 2017, 36, 760-769.	1.6	40
24	Pre-Pregnancy Body Mass Index Is Associated with Dietary Inflammatory Index and C-Reactive Protein Concentrations during Pregnancy. <i>Nutrients</i> , 2017, 9, 351.	4.1	39
25	Changes in sedentary time are associated with changes in mental wellbeing over 1 year in young adults. <i>Preventive Medicine Reports</i> , 2018, 11, 274-281.	1.8	38
26	Dietary inflammatory potential is linked to cardiovascular disease risk burden in the US adult population. <i>International Journal of Cardiology</i> , 2017, 240, 409-413.	1.7	34
27	The impact of meal timing on cardiometabolic syndrome indicators in shift workers. <i>Chronobiology International</i> , 2017, 34, 337-348.	2.0	33
28	Association between actigraphic sleep metrics and body composition. <i>Annals of Epidemiology</i> , 2015, 25, 773-778.	1.9	32
29	The Association of Physical Activity during Weekdays and Weekend with Body Composition in Young Adults. <i>Journal of Obesity</i> , 2016, 2016, 1-8.	2.7	32
30	Biomarker-calibrated nutrient intake and healthy diet index associations with mortality risks among older and frail women from the Women's Health Initiative. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1399-1407.	4.7	32
31	The epidemiology of cancer among police officers. <i>American Journal of Industrial Medicine</i> , 2013, 56, 439-453.	2.1	31
32	Diet-borne systemic inflammation is associated with prevalent tooth loss. <i>Clinical Nutrition</i> , 2018, 37, 1306-1312.	5.0	30
33	Associations of the Dietary Inflammatory Index with total adiposity and ectopic fat through the gut microbiota, LPS, and C-reactive protein in the Multiethnic Cohort's Adiposity Phenotype Study. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1344-1356.	4.7	30
34	Inflammatory potential of diet and risk of pancreatic cancer in the Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial. <i>International Journal of Cancer</i> , 2018, 142, 2461-2470.	5.1	28
35	Chronic weight dissatisfaction predicts type 2 diabetes risk: Aerobic center longitudinal study.. <i>Health Psychology</i> , 2014, 33, 912-919.	1.6	24
36	Associations between dietary inflammatory index and sleep problems among adults in the United States, NHANES 2005-2016. <i>Sleep Health</i> , 2021, 7, 273-280.	2.5	24

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37	Diet Quality and Risk of Lung Cancer in the Multiethnic Cohort Study. <i>Nutrients</i> , 2021, 13, 1614.	4.1	24
38	Trihalomethane exposure and biomonitoring for the liver injury indicator, alanine aminotransferase, in the United States population (NHANES 1999–2006). <i>Science of the Total Environment</i> , 2015, 521-522, 226-234.	8.0	23
39	Associations of Prenatal Dietary Inflammatory Potential with Childhood Respiratory Outcomes in Project Viva. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 945-952.e4.	3.8	23
40	Associations between Fasting Duration, Timing of First and Last Meal, and Cardiometabolic Endpoints in the National Health and Nutrition Examination Survey. <i>Nutrients</i> , 2021, 13, 2686.	4.1	23
41	Obesity, Dietary inflammation, and Frailty among Older Adults: Evidence from the National Health and Nutrition Examination Survey. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2019, 38, 18-32.	1.0	22
42	Examining commonalities and differences in food groups, nutrients, and diet quality among popular diets. <i>Clinical Nutrition ESPEN</i> , 2021, 41, 377-385.	1.2	21
43	The association between Dietary Inflammatory Index scores and the prevalence of colorectal adenoma. <i>Public Health Nutrition</i> , 2017, 20, 1609-1616.	2.2	20
44	Impact of a 12-month Inflammation Management Intervention on the Dietary Inflammatory Index, inflammation, and lipids. <i>Clinical Nutrition ESPEN</i> , 2019, 30, 42-51.	1.2	20
45	Changes in dietary inflammatory potential predict changes in sleep quality metrics, but not sleep duration. <i>Sleep</i> , 2020, 43, .	1.1	19
46	Inflammatory Potential of Diet, Inflammation-Related Lifestyle Factors, and Risk of Pancreatic Cancer: Results from the NIH-AARP Diet and Health Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1266-1270.	2.5	18
47	The association of C-reactive protein and physical activity among a church-based population of African Americans. <i>Preventive Medicine</i> , 2015, 77, 137-140.	3.4	17
48	The Inflammatory Potential of the Diet at Midlife Is Associated with Later Healthy Aging in French Adults. <i>Journal of Nutrition</i> , 2018, 148, 437-444.	2.9	17
49	Racial disparities in endometrial cancer mortality-to-incidence ratios among Blacks and Whites in South Carolina. <i>Cancer Causes and Control</i> , 2016, 27, 503-511.	1.8	15
50	Predictors of Retention Among African Americans in a Randomized Controlled Trial to Test the Healthy Eating and Active Living in the Spirit (HEALS) Intervention. <i>Ethnicity and Disease</i> , 2017, 27, 265.	2.3	15
51	Dietary inflammation and cardiometabolic health in adolescents. <i>Pediatric Obesity</i> , 2021, 16, e12706.	2.8	15
52	Diet-related inflammation and risk of prostate cancer in the California Men's Health Study. <i>Annals of Epidemiology</i> , 2019, 29, 30-38.	1.9	14
53	Randomized Controlled Trial of a 4-Week Mindfulness Intervention among Cancer Survivors Compared to a Breathing Control. <i>Cancer Investigation</i> , 2019, 37, 227-232.	1.3	13
54	Longitudinal Assessment of Relationships Between Health Behaviors and IL-6 in Overweight and Obese Pregnancy. <i>Biological Research for Nursing</i> , 2021, 23, 481-487.	1.9	13

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55	Diet-Associated Inflammation Modulates Inflammation and WNT Signaling in the Rectal Mucosa, and the Response to Supplementation with Dietary Fiber. <i>Cancer Prevention Research</i> , 2021, 14, 337-346.	1.5	12
56	Metabolic syndrome and discrepancy between actual and self-identified good weight: Aerobics Center Longitudinal Study. <i>Body Image</i> , 2015, 13, 28-32.	4.3	11
57	Greater cumulative exposure to a pro-inflammatory diet is associated with higher metabolic syndrome score and blood pressure in young Mexican adults. <i>Nutrition Research</i> , 2020, 81, 81-89.	2.9	11
58	Impact of a 3-Month Anti-inflammatory Dietary Intervention Focusing on Watermelon on Body Habitus, Inflammation, and Metabolic Markers: A Pilot Study. <i>Nutrition and Metabolic Insights</i> , 2020, 13, 117863881989939.	1.9	11
59	The association between physical activity and dietary inflammatory index on mortality risk in U.S. adults. <i>Physician and Sportsmedicine</i> , 2018, 46, 249-254.	2.1	10
60	Diet Quality Scores and Cardiometabolic Risk Factors in Mexican Children and Adolescents: A Longitudinal Analysis. <i>Nutrients</i> , 2022, 14, 896.	4.1	10
61	Effect of Cruciferous Vegetable Intake on Oxidative Stress Biomarkers: Differences by Breast Cancer Status. <i>Cancer Investigation</i> , 2017, 35, 277-287.	1.3	9
62	Adiposity does not modify the effect of the dietary inflammatory potential on type 2 diabetes incidence among a prospective cohort of men. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2019, 16, 100095.	1.7	9
63	Secular trends in Dietary Inflammatory Index among adults in the United States, 1999–2014. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 1343-1351.	2.9	7
64	Baseline markers of inflammation, lipids, glucose, and Dietary Inflammatory Index scores do not differ between adults willing to participate in an intensive inflammation reduction intervention and those who do not. <i>Nutrition and Health</i> , 2019, 25, 9-19.	1.5	7
65	Shift Work Adaptation Among Police Officers: The BCOPS Study. <i>Chronobiology International</i> , 2021, 38, 907-923.	2.0	7
66	Association of shiftwork and leukocytes among national health and nutrition examination survey respondents. <i>Chronobiology International</i> , 2018, 35, 435-439.	2.0	6
67	The dietary inflammatory index is associated with gastrointestinal infection symptoms in the national health and nutrition examination survey. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 106-115.	2.8	6
68	Higher Dietary Inflammatory Index Scores Are Associated With Stress and Anxiety in Dormitory-Residing Female University Students in the United Arab Emirates. <i>Frontiers in Nutrition</i> , 2022, 9, 814409.	3.7	6
69	Longitudinal and cross-sectional associations between the dietary inflammatory index and objectively and subjectively measured sleep among police officers. <i>Journal of Sleep Research</i> , 2022, 31, e13543.	3.2	6
70	Relationship Between Meditation Depth and Waking Salivary Alpha-Amylase Secretion Among Long-Term MBSR Instructors. <i>Stress and Health</i> , 2017, 33, 298-306.	2.6	5
71	Sistas Inspiring Sistas Through Activity and Support (SISTAS): Study Design and Demographics of Participants. <i>Ethnicity and Disease</i> , 2018, 28, 75.	2.3	4
72	The effects of meal-timing on self-rated hunger and dietary inflammatory potential among a sample of college students. <i>Journal of American College Health</i> , 2019, 67, 328-337.	1.5	4

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73	Differential relationships between waist circumference and cardiorespiratory fitness among people with and without type 2 diabetes. Preventive Medicine Reports, 2020, 18, 101083.	1.8	4
74	Association Between Gastrointestinal Symptoms and Depression in a Representative Sample of Adults in the United States: Findings From National Health and Nutrition Examination Survey (2005â€“2016). Journal of the Academy of Consultation-Liaison Psychiatry, 2022, 63, 268-279.	0.4	4
75	Relationship between Meditation and Waking Salivary Cortisol Secretion among Long-Term MBSR Instructors. Complementary Medicine Research, 2019, 26, 101-109.	1.2	3
76	An analysis of shiftwork and self-reported depressive symptoms in a police cohort from Buffalo, New York. Chronobiology International, 2021, 38, 830-838.	2.0	2
77	Change in the inflammatory potential of diet over 10 years and subsequent mortality: the Multiethnic Cohort Study. British Journal of Nutrition, 2022, , 1-23.	2.3	2
78	Meal timing, distribution of macronutrients, and inflammation among African-American women: A cross-sectional study. Chronobiology International, 2022, 39, 976-983.	2.0	2
79	Differential Age-Related Declines in Cardiorespiratory Fitness Between People With and Without Type 2 Diabetes Mellitus. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 743-752.	2.4	1
80	Maternal Dietary Quality Affects Breast Milk Composition. FASEB Journal, 2015, 29, 901.27.	0.5	1
81	Resistance Training as Therapeutic Management in Women with PCOS: What is the Evidence?. International Journal of Exercise Science, 2021, 14, 840-854.	0.5	1
82	The impact of exercise perceptions and depressive symptoms on polycystic ovary syndromeâ€“specific health-related quality of life. Women's Health, 2021, 17, 174550652110658.	1.5	1
83	Dietary Inflammatory Index during Pregnancy and Maternal Systemic Inflammation. FASEB Journal, 2015, 29, LB260.	0.5	0