Dorothy D Sears

List of Publications by Year
in descending order

80 papers	4,992 citations	117453 34 h-index	95083 68 g-index
83 all docs	83 docs citations	83 times ranked	10374 citing authors

#	Article	IF	Citations
1	Variable Eating Patterns: A Potential Novel Risk Factor for Systemic Inflammation in Women. Annals of Behavioral Medicine, 2023, 57, 93-97.	1.7	4
2	Accumulation of microbial DNAs promotes to islet inflammation and Î² cell abnormalities in obesity in mice. Nature Communications, 2022, 13, 565.	5.8	33
3	Air pollution and metabolic disorders: Dynamic versus static measures of exposure among Hispanics/Latinos and non-Hispanics. Environmental Research, 2022, 209, 112846.	3.7	6
4	Differences in metabolic biomarkers in people with schizophrenia who are of Mexican descent compared to non-Hispanic Whites. American Journal of Geriatric Psychiatry, 2022, 30, S48-S49.	0.6	0
5	Cancer-cell-secreted extracellular vesicles suppress insulin secretion through miR-122 to impair systemic glucose homeostasis and contribute to tumour growth. Nature Cell Biology, 2022, 24, 954-967.	4.6	35
6	Time-restricted feeding normalizes hyperinsulinemia to inhibit breast cancer in obese postmenopausal mouse models. Nature Communications, 2021, 12, 565.	5.8	51
7	Go Red for Women Strategically Focused Research Network: Summary of Findings and Network Outcomes. Journal of the American Heart Association, 2021, 10, e019519.	1.6	8
8	A randomized trial of physical activity for cognitive functioning in breast cancer survivors: Rationale and study design of I Can! Improving Cognition After Cancer. Contemporary Clinical Trials, 2021, 102, 106289.	0.8	2
9	Device-Measured and Self-Reported Active Travel Associations with Cardiovascular Disease Risk Factors in an Ethnically Diverse Sample of Adults. International Journal of Environmental Research and Public Health, 2021, 18, 3909.	1.2	7
10	Recent advances and health implications of dietary fasting regimens on the gut microbiome. American Journal of Physiology - Renal Physiology, 2021, 320, G847-G863.	1.6	16
11	Interrupting Sitting Time in Postmenopausal Women: Protocol for the Rise for Health Randomized Controlled Trial. JMIR Research Protocols, 2021, 10, e28684.	0.5	2
12	Endothelial-derived cardiovascular disease-related microRNAs elevated with prolonged sitting pattern among postmenopausal women. Scientific Reports, 2021, 11, 11766.	1.6	3
13	Variability in Daily Eating Patterns and Eating Jetlag Are Associated With Worsened Cardiometabolic Risk Profiles in the American Heart Association Go Red for Women Strategically Focused Research Network. Journal of the American Heart Association, 2021, 10, e022024.	1.6	23
14	WISER Survivor Trial: Combined Effect of Exercise and Weight Loss Interventions on Insulin and Insulin Resistance in Breast Cancer Survivors. Nutrients, 2021, 13, 3108.	1.7	8
15	Inhibition of phosphodiesterase type 9 reduces obesity and cardiometabolic syndrome in mice. Journal of Clinical Investigation, 2021, 131, .	3.9	16
16	Impact of intermittent fasting regimens on circulating markers of oxidative stress in overweight and obese humans: A systematic review of randomized controlled trials. Advances in Redox Research, 2021, 3, 100026.	0.9	9
17	A Low-Glucose Eating Pattern Improves Biomarkers of Postmenopausal Breast Cancer Risk: An Exploratory Secondary Analysis of a Randomized Feasibility Trial. Nutrients, 2021, 13, 4508.	1.7	5
18	Habitual Nightly Fasting Duration, Eating Timing, and Eating Frequency are Associated with Cardiometabolic Risk in Women. Nutrients, 2020, 12, 3043.	1.7	20

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19	Diurnal patterns of sedentary behavior and changes in physical function over time among older women: a prospective cohort study. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 88.	2.0	9
20	Sugarâ€Sweetened Beverage Intake and Cardiovascular Disease Risk in the California Teachers Study. Journal of the American Heart Association, 2020, 9, e014883.	1.6	41
21	Total Sitting Time and Sitting Pattern in Postmenopausal Women Differ by Hispanic Ethnicity and are Associated With Cardiometabolic Risk Biomarkers. Journal of the American Heart Association, 2020, 9, e013403.	1.6	14
22	Abstract 13175: Social Jet Lag in Eating Patterns as a Marker of Meal Timing Variability is Associated With Elevated Cardiometabolic Risk in the AHA Go Red for Women Strategically Focused Research Network. Circulation, 2020, 142, .	1.6	1
23	Endothelialâ€Derived MicroRNAs are Novel Biomarkers Reflecting Prolonged Sitting Pattern and Physical Activity in Postmenopausal Women: Possible Ethnic Differences. FASEB Journal, 2020, 34, 1-1.	0.2	0
24	Using Isotemporal Analyses to Examine the Relationships Between Daytime Activities and Cancer Recurrence Biomarkers in Breast Cancer Survivors. Journal of Physical Activity and Health, 2020, 17, 217-224.	1.0	2
25	Abstract 14153: Actigraphy-Derived Rest-Activity Patterns Are Associated With Blood Pressure Level and Hypertension: A Prospective Analysis of the Multi-Ethnic Study of Atherosclerosis (MESA). Circulation, 2020, 142, .	1.6	1
26	Modeling Temporal Variation in Physical Activity Using Functional Principal Components Analysis. Statistics in Biosciences, 2019, 11, 403-421.	0.6	13
27	Sugar-sweetened beverages and colorectal cancer risk in the California Teachers Study. PLoS ONE, 2019, 14, e0223638.	1.1	30
28	Neighborhoods to Nucleotidesâ€”Advances and Gaps for an Obesity Disparities Systems Epidemiology Model. Current Epidemiology Reports, 2019, 6, 476-485.	1.1	1
29	A novel biomarker of cardiometabolic pathology in schizophrenia?. Journal of Psychiatric Research, 2019, 117, 31-37.	1.5	10
30	Breast cancer survivors reduce accelerometer-measured sedentary time in an exercise intervention. Journal of Cancer Survivorship, 2019, 13, 468-476.	1.5	15
31	Association of Low Fasting Glucose and HbA1c With Cardiovascular Disease and Mortality: The MESA Study. Journal of the Endocrine Society, 2019, 3, 892-901.	0.1	13
32	Arriba por la Vida Estudio (AVE): Study protocol for a standing intervention targeting postmenopausal Latinas. Contemporary Clinical Trials, 2019, 79, 66-72.	0.8	2
33	The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. Science, 2019, 364, .	6.0	576
34	Protocol for a cross sectional study of cancer risk, environmental exposures and lifestyle behaviors in a diverse community sample: the Community of Mine study. BMC Public Health, 2019, 19, 186.	1.2	16
35	Mediators of a Physical Activity Intervention on Cognition in Breast Cancer Survivors: Evidence From a Randomized Controlled Trial. JMIR Cancer, 2019, 5, e13150.	0.9	21
36	AIBP protects against metabolic abnormalities and atherosclerosis. Journal of Lipid Research, 2018, 59, 854-863.	2.0	38

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37	Obesity-induced changes in lipid mediators persist after weight loss. International Journal of Obesity, 2018, 42, 728-736.	1.6	33
38	Randomized controlled trial of increasing physical activity on objectively measured and selfâ€reported cognitive functioning among breast cancer survivors: The memory & motion study. Cancer, 2018, 124, 192-202.	2.0	118
39	Sedentary Behaviors and Biomarkers Among Breast Cancer Survivors. Journal of Physical Activity and Health, 2018, 15, 1-6.	1.0	20
40	Associations of Sedentary Behavior and Abdominal Muscle Density: The Multi-Ethnic Study of Atherosclerosis. Journal of Physical Activity and Health, 2018, 15, 827-833.	1.0	10
41	Modeling interrelationships between health behaviors in overweight breast cancer survivors: Applying Bayesian networks. PLoS ONE, 2018, 13, e0202923.	1.1	7
42	The Effects of Metformin and Weight Loss on Biomarkers Associated With Breast Cancer Outcomes. Journal of the National Cancer Institute, 2018, 110, 1239-1247.	3.0	51
43	Timeâ€Restricted Feeding Attenuates Breast Cancer Growth in a Mouse Model of Postmenopausal Obesity. FASEB Journal, 2018, 32, 811.19.	0.2	0
44	A prospective study of low fasting glucose with cardiovascular disease events and all-cause mortality: The Women's Health Initiative. Metabolism: Clinical and Experimental, 2017, 70, 116-124.	1.5	17
45	Kernel Density Estimation as a Measure of Environmental Exposure Related to Insulin Resistance in Breast Cancer Survivors. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 1078-1084.	1.1	11
46	Metabolic Effects of Intermittent Fasting. Annual Review of Nutrition, 2017, 37, 371-393.	4.3	469
47	Acute glucoregulatory and vascular outcomes of three strategies for interrupting prolonged sitting time in postmenopausal women: A pilot, laboratory-based, randomized, controlled, 4-condition, 4-period crossover trial. PLoS ONE, 2017, 12, e0188544.	1.1	24
48	Circulating adipocyte-derived extracellular vesicles are novel markers of metabolic stress. Journal of Molecular Medicine, 2016, 94, 1241-1253.	1.7	117
49	Prolonged Nightly Fasting and Breast Cancer Prognosis. JAMA Oncology, 2016, 2, 1049.	3.4	131
50	Time-restricted feeding improves insulin resistance and hepatic steatosis in a mouse model of postmenopausal obesity. Metabolism: Clinical and Experimental, 2016, 65, 1743-1754.	1.5	120
51	Evaluation of the Synuclein-Î³ (SNCG) Gene as a PPARÎ³ Target in Murine Adipocytes, Dorsal Root Ganglia Somatosensory Neurons, and Human Adipose Tissue. PLoS ONE, 2015, 10, e0115830.	1.1	8
52	Prolonged Nightly Fasting and Breast Cancer Risk: Findings from NHANES (2009â€“2010). Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 783-789.	1.1	71
53	Intermittent Fasting and Human Metabolic Health. Journal of the Academy of Nutrition and Dietetics, 2015, 115, 1203-1212.	0.4	242
54	Impact of increasing physical activity on cognitive functioning in breast cancer survivors: Rationale and study design of Memory & Motion. Contemporary Clinical Trials, 2015, 45, 371-376.	0.8	37

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55	Omega-3 fatty acids reduce obesity-induced tumor progression independent of GPR120 in a mouse model of postmenopausal breast cancer. Oncogene, 2015, 34, 3504-3513.	2.6	52
56	Gender and Age Differences in Hourly and Daily Patterns of Sedentary Time in Older Adults Living in Retirement Communities. PLoS ONE, 2015, 10, e0136161.	1.1	64
57	Frequency and Circadian Timing of Eating May Influence Biomarkers of Inflammation and Insulin Resistance Associated with Breast Cancer Risk. PLoS ONE, 2015, 10, e0136240.	1.1	92
58	Reduced Dietary Omega-6 to Omega-3 Fatty Acid Ratio and 12/15-Lipoxygenase Deficiency Are Protective against Chronic High Fat Diet-Induced Steatohepatitis. PLoS ONE, 2014, 9, e107658.	1.1	47
59	TAK1-mediated autophagy and fatty acid oxidation prevent hepatosteatosis and tumorigenesis. Journal of Clinical Investigation, 2014, 124, 3566-3578.	3.9	142
60	Effect of diet intervention on inflammationâ€related gene expression in CD14 + circulating monocytes from metabolic syndrome patients (1037.10). FASEB Journal, 2014, 28, 1037.10.	0.2	0
61	The 2011â€“2016 Transdisciplinary Research on Energetics and Cancer (TREC) Initiative: Rationale and Design. Cancer Causes and Control, 2013, 24, 695-704.	0.8	48
62	Macrophage Glucose-6-Phosphate Dehydrogenase Stimulates Proinflammatory Responses with Oxidative Stress. Molecular and Cellular Biology, 2013, 33, 2425-2435.	1.1	90
63	Inverse Regulation of Inflammation and Mitochondrial Function in Adipose Tissue Defines Extreme Insulin Sensitivity in Morbidly Obese Patients. Diabetes, 2013, 62, 855-863.	0.3	51
64	Adipocyte NCoR Knockout Decreases PPARÎ³ Phosphorylation and Enhances PPARÎ³ Activity and Insulin Sensitivity. Cell, 2011, 147, 815-826.	13.5	246
65	SirT1 Regulates Adipose Tissue Inflammation. Diabetes, 2011, 60, 3235-3245.	0.3	261
66	Multi-tissue, selective PPARÎ³ modulation of insulin sensitivity and metabolic pathways in obese rats. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E164-E174.	1.8	77
67	Functional Heterogeneity of CD11c-positive Adipose Tissue Macrophages in Diet-induced Obese Mice. Journal of Biological Chemistry, 2010, 285, 15333-15345.	1.6	200
68	Fat-Induced Inflammation Unchecked. Cell Metabolism, 2010, 12, 553-554.	7.2	16
69	Osteopontin Is Required for the Early Onset of High Fat Diet-Induced Insulin Resistance in Mice. PLoS ONE, 2010, 5, e13959.	1.1	71
70	Molecular Characterization of the Tumor Suppressor Candidate 5 Gene: Regulation by PPARÎ³and Identification of TUSC5 Coding Variants in Lean and Obese Humans. PPAR Research, 2009, 2009, 1-13.	1.1	12
71	PPARÎ³ activation in adipocytes is sufficient for systemic insulin sensitization. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22504-22509.	3.3	231
72	FOXO1 Transrepresses Peroxisome Proliferator-activated Receptor Î³ Transactivation, Coordinating an Insulin-induced Feed-forward Response in Adipocytes. Journal of Biological Chemistry, 2009, 284, 12188-12197.	1.6	115

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73	Mechanisms of human insulin resistance and thiazolidinedione-mediated insulin sensitization. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18745-18750.	3.3	156
74	MBX-102/JNJ39659100, a Novel Peroxisome Proliferator-Activated Receptor-Ligand with Weak Transactivation Activity Retains Antidiabetic Properties in the Absence of Weight Gain and Edema. Molecular Endocrinology, 2009, 23, 975-988.	3.7	78
75	12/15-Lipoxygenase Is Required for the Early Onset of High Fat Diet-Induced Adipose Tissue Inflammation and Insulin Resistance in Mice. PLoS ONE, 2009, 4, e7250.	1.1	113
76	Selective modulation of promoter recruitment and transcriptional activity of PPARÎ³. Biochemical and Biophysical Research Communications, 2007, 364, 515-521.	1.0	67
77	The Effects of Intracellular Calcium Depletion on Insulin Signaling in 3T3-L1 Adipocytes. Molecular Endocrinology, 2002, 16, 378-389.	3.7	79
78	Increased Instability of Human CTG Repeat Tracts on Yeast Artificial Chromosomes during Gametogenesis. Molecular and Cellular Biology, 1999, 19, 4153-4158.	1.1	30
79	Meiotic recombination and segregation of human-derived artificial chromosomes in Saccharomyces cerevisiae.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 5296-5300.	3.3	65
80	High-efficiency yeast artificial chromosome fragmentation vectors. Gene, 1991, 106, 125-127.	1.0	51