

W Dana Flanders

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

4,955
citations

172457

29
h-index

98798

67
g-index

107
all docs

107
docs citations

107
times ranked

7859
citing authors

#	ARTICLE	IF	CITATIONS
1	Proportion and number of cancer cases and deaths attributable to potentially modifiable risk factors in the United States. <i>Ca-A Cancer Journal for Clinicians</i> , 2018, 68, 31-54.	329.8	970
2	Added Sugar Intake and Cardiovascular Diseases Mortality Among US Adults. <i>JAMA Internal Medicine</i> , 2014, 174, 516.	5.1	735
3	Ambient Air Pollution and Respiratory Emergency Department Visits. <i>Epidemiology</i> , 2005, 16, 164-174.	2.7	417
4	Risk Factors for Fatal Colon Cancer in a Large Prospective Study. <i>Journal of the National Cancer Institute</i> , 1992, 84, 1491-1500.	6.3	370
5	Mental Health of Transgender and Gender Nonconforming Youth Compared With Their Peers. <i>Pediatrics</i> , 2018, 141, .	2.1	245
6	Paleolithic and Mediterranean Diet Pattern Scores Are Inversely Associated with Biomarkers of Inflammation and Oxidative Balance in Adults. <i>Journal of Nutrition</i> , 2016, 146, 1217-1226.	2.9	144
7	Does a Recent Cancer Diagnosis Predict Smoking Cessation? An Analysis From a Large Prospective US Cohort. <i>Journal of Clinical Oncology</i> , 2015, 33, 1647-1652.	1.6	111
8	Factors That Contribute to Differences in Survival of Black vs White Patients With Colorectal Cancer. <i>Gastroenterology</i> , 2018, 154, 906-915.e7.	1.3	93
9	Exposure to traffic pollution, acute inflammation and autonomic response in a panel of car commuters. <i>Environmental Research</i> , 2014, 133, 66-76.	7.5	70
10	A Method for Detection of Residual Confounding in Time-series and Other Observational Studies. <i>Epidemiology</i> , 2011, 22, 59-67.	2.7	69
11	What proportion of cancer deaths in the contemporary United States is attributable to cigarette smoking?. <i>Annals of Epidemiology</i> , 2015, 25, 179-182.e1.	1.9	66
12	Interim results of the study of particulates and health in Atlanta (SOPHIA). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2000, 10, 446-460.	3.9	63
13	Contaminants in L-Tryptophan associated with eosinophilia myalgia syndrome. <i>Archives of Environmental Contamination and Toxicology</i> , 1993, 25, 134-142.	4.1	60
14	Blood 25-Hydroxyvitamin D3 Concentrations and Incident Sporadic Colorectal Adenoma Risk: A Pooled Case-Control Study. <i>American Journal of Epidemiology</i> , 2010, 172, 489-500.	3.4	57
15	Using Pathway-Specific Comprehensive Exposure Scores in Epidemiology: Application to Oxidative Balance in a Pooled Case-Control Study of Incident, Sporadic Colorectal Adenomas. <i>American Journal of Epidemiology</i> , 2013, 178, 610-624.	3.4	56
16	A Nearly Unavoidable Mechanism for Collider Bias with Index-Event Studies. <i>Epidemiology</i> , 2014, 25, 762-764.	2.7	52
17	Indirect estimation of the prevalence of spinal muscular atrophy Type I, II, and III in the United States. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 175.	2.7	52
18	Development and Validation of Novel Dietary and Lifestyle Inflammation Scores. <i>Journal of Nutrition</i> , 2019, 149, 2206-2218.	2.9	52

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19	Tryptophan Contaminants Associated with Eosinophilia-Myalgia Syndrome. American Journal of Epidemiology, 1993, 138, 154-159.	3.4	48
20	On the relationship of sufficient component cause models with potential outcome (counterfactual) models. European Journal of Epidemiology, 2007, 21, 847-853.	5.7	48
21	Properties of 2 Counterfactual Effect Definitions of a Point Exposure. Epidemiology, 2007, 18, 453-460.	2.7	47
22	Oxidative balance score as predictor of all-cause, cancer, and noncancer mortality in a biracial US cohort. Annals of Epidemiology, 2015, 25, 256-262.e1.	1.9	43
23	Oxidative stress, inflammation, and markers of cardiovascular health. Atherosclerosis, 2015, 243, 38-43.	0.8	42
24	Maternal exposure to ozone and PM2.5 and the prevalence of orofacial clefts in four U.S. states. Environmental Research, 2017, 153, 35-40.	7.5	42
25	Postdiagnosis Body Mass Index, Weight Change, and Mortality From Prostate Cancer, Cardiovascular Disease, and All Causes Among Survivors of Nonmetastatic Prostate Cancer. Journal of Clinical Oncology, 2020, 38, 2018-2027.	1.6	40
26	Black/White Disparities in Receipt of Treatment and Survival Among Men With Early-Stage Breast Cancer. Journal of Clinical Oncology, 2015, 33, 2337-2344.	1.6	37
27	Particulate metal exposures induce plasma metabolome changes in a commuter panel study. PLoS ONE, 2018, 13, e0203468.	2.5	37
28	Variations in Receipt of Curative-Intent Surgery for Early-Stage Non-Small Cell Lung Cancer (NSCLC) by State. Journal of Thoracic Oncology, 2016, 11, 880-889.	1.1	36
29	Calcium intake and mortality from all causes, cancer, and cardiovascular disease: the Cancer Prevention Study II Nutrition Cohort. American Journal of Clinical Nutrition, 2016, 103, 886-894.	4.7	36
30	Suicide Attempts Among a Cohort of Transgender and Gender Diverse People. American Journal of Preventive Medicine, 2020, 59, 570-577.	3.0	34
31	Does Socioeconomic Status Modify the Association Between Preterm Birth and Children's Early Cognitive Ability and Kindergarten Academic Achievement in the United States?. American Journal of Epidemiology, 2018, 187, 1704-1713.	3.4	30
32	Association of community sanitation usage with soil-transmitted helminth infections among school-aged children in Amhara Region, Ethiopia. Parasites and Vectors, 2017, 10, 91.	2.5	24
33	County-Level Variations in Receipt of Surgery for Early-Stage Non-small Cell Lung Cancer in the United States. Chest, 2020, 157, 212-222.	0.8	24
34	In utero exposure to atrazine analytes and early menarche in the Avon Longitudinal Study of Parents and Children Cohort. Environmental Research, 2017, 156, 420-425.	7.5	23
35	Prenatal exposure to mixtures of persistent endocrine disrupting chemicals and early menarche in a population-based cohort of British girls. Environmental Pollution, 2021, 276, 116705.	7.5	23
36	Evaluating the exposure and disease relationship with adjustment for different types of exposure misclassification: a regression approach. , 1999, 18, 2795-2808.		21

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37	Assessing potential population impact of statin treatment for primary prevention of atherosclerotic cardiovascular diseases in the USA: population-based modelling study. <i>BMJ Open</i> , 2017, 7, e011684.	1.9	21
38	EPIDEMIOLOGIC APPROACHES TO THE USE OF DNA MARKERS IN THE SEARCH FOR DISEASE SUSCEPTIBILITY GENES. <i>Epidemiologic Reviews</i> , 1990, 12, 41-55.	3.5	19
39	In utero exposure to organochlorine pesticides and early menarche in the Avon Longitudinal Study of Parents and Children. <i>Environment International</i> , 2016, 94, 467-472.	10.0	19
40	Associations of Novel Dietary and Lifestyle Inflammation Scores With Incident Colorectal Cancer in the NIH-AARP Diet and Health Study. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkaa009.	2.9	19
41	Commentary: The affected sib-pair method in the context of an epidemiologic study design. <i>Genetic Epidemiology</i> , 1991, 8, 277-282.	1.3	18
42	Associations between ambient air pollutant mixtures and pediatric asthma emergency department visits in three cities: a classification and regression tree approach. <i>Environmental Health</i> , 2015, 14, 58.	4.0	18
43	An Electrocardiogram-Based Risk Equation for Incident Cardiovascular Disease From the National Health and Nutrition Examination Survey. <i>JAMA Cardiology</i> , 2016, 1, 779.	6.1	18
44	The Association Between Body Mass Index and Pancreatic Cancer: Variation by Age at Body Mass Index Assessment. <i>American Journal of Epidemiology</i> , 2020, 189, 108-115.	3.4	18
45	How well did Norwegian general practice prepare to address the COVID-19 pandemic?. <i>Family Medicine and Community Health</i> , 2020, 8, e000512.	1.6	18
46	Using a Geolocation Social Networking Application to Calculate the Population Density of Sex-Seeking Gay Men for Research and Prevention Services. <i>Journal of Medical Internet Research</i> , 2014, 16, e249.	4.3	18
47	On the use of population-based registries in the clinical validation of genetic tests for disease susceptibility. <i>Genetics in Medicine</i> , 2000, 2, 186-192.	2.4	16
48	Dietary Energy Density and Postmenopausal Breast Cancer Incidence in the Cancer Prevention Study II Nutrition Cohort. <i>Journal of Nutrition</i> , 2016, 146, 2045-2050.	2.9	16
49	Proportion of Cancer Cases Attributable to Physical Inactivity by US State, 2013–2016. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 417-423.	0.4	16
50	Occurrence of primary cancers in association with multiple myeloma and Kaposi's sarcoma in the United States, 1973-1995. <i>International Journal of Cancer</i> , 2000, 85, 453-456.	5.1	15
51	A Method to Detect Residual Confounding in Spatial and Other Observational Studies. <i>Epidemiology</i> , 2011, 22, 823-826.	2.7	15
52	Longitudinal Changes in Hematologic Parameters Among Transgender People Receiving Hormone Therapy. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa119.	0.2	15
53	The American Cancer Society Cancer Prevention Study-3 FFQ Has Reasonable Validity and Reproducibility for Food Groups and a Diet Quality Score. <i>Journal of Nutrition</i> , 2020, 150, 1566-1578.	2.9	15
54	Changes in Size and Demographic Composition of Transgender and Gender Non-Binary Population Receiving Care at Integrated Health Systems. <i>Endocrine Practice</i> , 2021, 27, 390-395.	2.1	15

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55	Effects of holding time and measurement error on culturing <i>Legionella</i> in environmental water samples. <i>Water Research</i> , 2014, 62, 293-301.	11.3	14
56	Characterizing environmental asthma triggers and healthcare use patterns in Puerto Rico. <i>Journal of Asthma</i> , 2020, 57, 886-897.	1.7	13
57	A General, Multivariate Definition of Causal Effects in Epidemiology. <i>Epidemiology</i> , 2015, 26, 481-489.	2.7	12
58	Prenatal exposure to organochlorine pesticides and early childhood communication development in British girls. <i>NeuroToxicology</i> , 2018, 69, 121-129.	3.0	12
59	Association of Circulating Vitamin D With Colorectal Cancer Depends on Vitamin D-Binding Protein Isoforms: A Pooled, Nested, Case-Control Study. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkz083.	2.9	12
60	The association of voter turnout with county-level coronavirus disease 2019 occurrence early in the pandemic. <i>Annals of Epidemiology</i> , 2020, 49, 42-49.	1.9	12
61	Associations of Novel Dietary and Lifestyle Inflammation Scores with Incident, Sporadic Colorectal Adenoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2300-2308.	2.5	12
62	Inflammation Modulation by Vitamin D and Calcium in the Morphologically Normal Colorectal Mucosa of Patients with Colorectal Adenoma in a Clinical Trial. <i>Cancer Prevention Research</i> , 2021, 14, 65-76.	1.5	12
63	Prenatal Exposure to Mixtures of Persistent Endocrine-disrupting Chemicals and Birth Size in a Population-based Cohort of British Girls. <i>Epidemiology</i> , 2021, 32, 573-582.	2.7	12
64	Whole genome association studies for genes affecting alcohol dependence. <i>Genetic Epidemiology</i> , 1999, 17, S337-42.	1.3	11
65	Association of prediagnostic vitamin D status with mortality among colorectal cancer patients differs by common, inherited vitamin D-binding protein isoforms. <i>International Journal of Cancer</i> , 2020, 147, 2725-2734.	5.1	11
66	A Prospective Cohort Study of Cigarette Prices and Smoking Cessation in Older Smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 1071-1077.	2.5	10
67	Using multiple biomarkers and determinants to obtain a better measurement of oxidative stress: a latent variable structural equation model approach. <i>Biomarkers</i> , 2017, 22, 517-524.	1.9	10
68	Multiple bias analysis using logistic regression: an example from the National Birth Defects Prevention Study. <i>Annals of Epidemiology</i> , 2018, 28, 510-514.	1.9	10
69	Prediction of Low Community Sanitation Coverage Using Environmental and Sociodemographic Factors in Amhara Region, Ethiopia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 709-719.	1.4	9
70	Associations of Calcium and Milk Product Intakes with Incident, Sporadic Colorectal Adenomas. <i>Nutrition and Cancer</i> , 2017, 69, 416-427.	2.0	9
71	Associations of Calcium and Dairy Products with All-Cause and Cause-Specific Mortality in the REasons for Geographic and Racial Differences in Stroke (REGARDS) Prospective Cohort Study. <i>Nutrition and Cancer</i> , 2017, 69, 1185-1195.	2.0	9
72	Maternal serum concentrations of perfluoroalkyl substances during pregnancy and gestational weight gain: The Avon Longitudinal Study of Parents and Children. <i>Reproductive Toxicology</i> , 2019, 90, 8-14.	2.9	9

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73	Prevalence of Cigarette Smoking among Patients with Different Histologic Types of Kidney Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1406-1412.	2.5	9
74	Negative controls to detect uncontrolled confounding in observational studies of mammographic screening comparing participants and non-participants. <i>International Journal of Epidemiology</i> , 2020, 49, 1032-1042.	1.9	9
75	A Method of Identifying Residual Confounding and Other Violations of Model Assumptions. <i>Epidemiology</i> , 2009, 20, S44-S45.	2.7	9
76	Ghost-time bias from imperfect mortality ascertainment in aging cohorts. <i>Annals of Epidemiology</i> , 2018, 28, 691-696.e3.	1.9	8
77	A novel evolutionary-concordance lifestyle score is inversely associated with all-cause, all-cancer, and all-cardiovascular disease mortality risk. <i>European Journal of Nutrition</i> , 2021, 60, 3485-3497.	3.9	8
78	Prenatal exposure to mixtures of persistent endocrine disrupting chemicals and postnatal body size in British girls. <i>Early Human Development</i> , 2021, 161, 105450.	1.8	8
79	Dependence of Confounding on the Target Population: A Modification of Causal Graphs to Account for Co-Action. <i>Annals of Epidemiology</i> , 2011, 21, 698-705.	1.9	7
80	Self-reported visual impairment, physical activity and all-cause mortality: The HUNT Study. <i>Scandinavian Journal of Public Health</i> , 2017, 45, 33-41.	2.3	7
81	Circulating insulin-like growth factor-related biomarkers: Correlates and responses to calcium supplementation in colorectal adenoma patients. <i>Molecular Carcinogenesis</i> , 2017, 56, 2127-2134.	2.7	6
82	Limits for the Magnitude of M-bias and Certain Other Types of Structural Selection Bias. <i>Epidemiology</i> , 2019, 30, 501-508.	2.7	6
83	Is the Smog Lifting?. <i>Epidemiology</i> , 2019, 30, 317-320.	2.7	6
84	Joint associations of physical activity and body mass index with the risk of established excess body fatness-related cancers among postmenopausal women. <i>Cancer Causes and Control</i> , 2021, 32, 127-138.	1.8	6
85	A Novel Application of Structural Equation Modeling Estimates the Association between Oxidative Stress and Colorectal Adenoma. <i>Cancer Prevention Research</i> , 2018, 11, 52-58.	1.5	4
86	Use of Multiple Imputation to Estimate the Proportion of Respiratory Virus Detections Among Patients Hospitalized With Community-Acquired Pneumonia. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy061.	0.9	4
87	Have Paved Trails and Protected Bike Lanes Led to More Bicycling in Atlanta?: A Generalized Synthetic-Control Analysis. <i>Epidemiology</i> , 2022, 33, 493-504.	2.7	4
88	Can the rolling cross-sectional survey design be used to estimate the effectiveness of influenza vaccines?. <i>Vaccine</i> , 2014, 32, 6440-6444.	3.8	3
89	Conditions for valid estimation of causal effects on prevalence in cross-sectional and other studies. <i>Annals of Epidemiology</i> , 2016, 26, 389-394.e2.	1.9	3
90	A Large Cohort Study of Body Mass Index and Pancreatic Cancer by Smoking Status. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2680-2685.	2.5	3

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91	Clinical outcomes among hospitalized US adults with asthma or chronic obstructive pulmonary disease, with or without COVID-19. <i>Journal of Asthma</i> , 2022, 59, 2509-2519.	1.7	3
92	Associations of dietary and lifestyle inflammation scores with mortality due to CVD, cancer, and all causes among Black and White American men and women. <i>British Journal of Nutrition</i> , 2023, 129, 523-534.	2.3	3
93	A new variance estimator for parameters of semiparametric generalized additive models. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2005, 10, 246-257.	1.4	2
94	Predictors of Improved HbA1c Testing by Primary Care Physicians. <i>Journal of Health Care for the Poor and Underserved</i> , 2005, 16, 720-733.	0.8	2
95	Association between Smoking Cannabis and Quitting Cigarettes in a Large American Cancer Society Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1956-1964.	2.5	2
96	At-risk-measure Sampling in Caseâ€“Control Studies with Aggregated Data. <i>Epidemiology</i> , 2021, 32, 101-110.	2.7	2
97	Gestational Weight Gain and Birth Outcome: A Comparison of Methods of Accounting for Gestational Age. <i>American Journal of Epidemiology</i> , 2022, 191, 1687-1699.	3.4	2
98	Self-reported receipt of colonoscopy in national surveys: is it over- or under-reported?. <i>Annals of Epidemiology</i> , 2019, 40, 35-36.e1.	1.9	1
99	The Authors Respond. <i>Epidemiology</i> , 2019, 30, e38-e38.	2.7	1
100	Prospective Association of Energy Balance Scores Based on Metabolic Biomarkers with Colorectal Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 974-981.	2.5	1
101	Prepregnancy body mass index and spina bifida: Potential contributions of bias. <i>Birth Defects Research</i> , 2021, 113, 633-643.	1.5	1
102	Using case-control designs for genome-wide screening for associations between genetic markers and disease susceptibility loci. <i>Genetic Epidemiology</i> , 1999, 17, S779-S784.	1.3	0
103	YANG ET AL. RESPOND. <i>American Journal of Public Health</i> , 2006, 96, 1899-1901.	2.7	0
104	Rejoinder. <i>Epidemiology</i> , 2015, 26, 496-497.	2.7	0
105	Invited Commentary: Two-Phase, Generalized Case-Control Designs for Quantitative Longitudinal Outcomes and Evolution of the Case-Control Study. <i>American Journal of Epidemiology</i> , 2020, 189, 91-94.	3.4	0
106	A definition of the causal effect of a political party's nominee on the U.S. general presidential election using counterfactual response types. <i>Annals of Epidemiology</i> , 2020, 47, 4-7.	1.9	0