

W Dana Flanders

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

4,955
citations

196777

29
h-index

111975

67
g-index

107
all docs

107
docs citations

107
times ranked

8485
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.	157.7	970
2	Added Sugar Intake and Cardiovascular Diseases Mortality Among US Adults. <i>JAMA Internal Medicine</i> , 2014, 174, 516.	2.6	735
3	Ambient Air Pollution and Respiratory Emergency Department Visits. <i>Epidemiology</i> , 2005, 16, 164-174.	1.2	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.	3.0	370
5	Mental Health of Transgender and Gender Nonconforming Youth Compared With Their Peers. <i>Pediatrics</i> , 2018, 141, .	1.0	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.	1.3	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.	0.8	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.	0.6	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.	3.7	70
10	A Method for Detection of Residual Confounding in Time-series and Other Observational Studies. <i>Epidemiology</i> , 2011, 22, 59-67.	1.2	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.	0.9	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.	1.8	63
13	Contaminants in L-Tryptophan associated with eosinophilia myalgia syndrome. <i>Archives of Environmental Contamination and Toxicology</i> , 1993, 25, 134-142.	2.1	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.	1.6	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.	1.6	56
16	A Nearly Unavoidable Mechanism for Collider Bias with Index-Event Studies. <i>Epidemiology</i> , 2014, 25, 762-764.	1.2	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.	1.2	52
18	Development and Validation of Novel Dietary and Lifestyle Inflammation Scores. <i>Journal of Nutrition</i> , 2019, 149, 2206-2218.	1.3	52

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19	Tryptophan Contaminants Associated with Eosinophilia-Myalgia Syndrome. <i>American Journal of Epidemiology</i> , 1993, 138, 154-159.	1.6	48
20	On the relationship of sufficient component cause models with potential outcome (counterfactual) models. <i>European Journal of Epidemiology</i> , 2007, 21, 847-853.	2.5	48
21	Properties of 2 Counterfactual Effect Definitions of a Point Exposure. <i>Epidemiology</i> , 2007, 18, 453-460.	1.2	47
22	Oxidative balance score as predictor of all-cause, cancer, and noncancer mortality in a biracial US cohort. <i>Annals of Epidemiology</i> , 2015, 25, 256-262.e1.	0.9	43
23	Oxidative stress, inflammation, and markers of cardiovascular health. <i>Atherosclerosis</i> , 2015, 243, 38-43.	0.4	42
24	Maternal exposure to ozone and PM2.5 and the prevalence of orofacial clefts in four U.S. states. <i>Environmental Research</i> , 2017, 153, 35-40.	3.7	42
25	Postdiagnosis Body Mass Index, Weight Change, and Mortality From Prostate Cancer, Cardiovascular Disease, and All Causes Among Survivors of Nonmetastatic Prostate Cancer. <i>Journal of Clinical Oncology</i> , 2020, 38, 2018-2027.	0.8	40
26	Black/White Disparities in Receipt of Treatment and Survival Among Men With Early-Stage Breast Cancer. <i>Journal of Clinical Oncology</i> , 2015, 33, 2337-2344.	0.8	37
27	Particulate metal exposures induce plasma metabolome changes in a commuter panel study. <i>PLoS ONE</i> , 2018, 13, e0203468.	1.1	37
28	Variations in Receipt of Curative-Intent Surgery for Early-Stage Non-Small Cell Lung Cancer (NSCLC) by State. <i>Journal of Thoracic Oncology</i> , 2016, 11, 880-889.	0.5	36
29	Calcium intake and mortality from all causes, cancer, and cardiovascular disease: the Cancer Prevention Study II Nutrition Cohort. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 886-894.	2.2	36
30	Suicide Attempts Among a Cohort of Transgender and Gender Diverse People. <i>American Journal of Preventive Medicine</i> , 2020, 59, 570-577.	1.6	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?. <i>American Journal of Epidemiology</i> , 2018, 187, 1704-1713.	1.6	30
32	Association of community sanitation usage with soil-transmitted helminth infections among school-aged children in Amhara Region, Ethiopia. <i>Parasites and Vectors</i> , 2017, 10, 91.	1.0	24
33	County-Level Variations in Receipt of Surgery for Early-Stage Non-small Cell Lung Cancer in the United States. <i>Chest</i> , 2020, 157, 212-222.	0.4	24
34	In utero exposure to atrazine analytes and early menarche in the Avon Longitudinal Study of Parents and Children Cohort. <i>Environmental Research</i> , 2017, 156, 420-425.	3.7	23
35	Prenatal exposure to mixtures of persistent endocrine disrupting chemicals and early menarche in a population-based cohort of British girls. <i>Environmental Pollution</i> , 2021, 276, 116705.	3.7	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.	0.8	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.	1.3	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.	4.8	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.	1.4	19
41	Commentary: The affected sib-pair method in the context of an epidemiologic study design. <i>Genetic Epidemiology</i> , 1991, 8, 277-282.	0.6	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.	1.7	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.	3.0	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.	1.6	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.	0.6	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.	2.1	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.	1.1	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.	1.3	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.	0.2	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.	2.3	15
51	A Method to Detect Residual Confounding in Spatial and Other Observational Studies. <i>Epidemiology</i> , 2011, 22, 823-826.	1.2	15
52	Longitudinal Changes in Hematologic Parameters Among Transgender People Receiving Hormone Therapy. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa119.	0.1	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.	1.3	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.	1.1	15

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55	Effects of holding time and measurement error on culturing Legionella in environmental water samples. <i>Water Research</i> , 2014, 62, 293-301.	5.3	14
56	Characterizing environmental asthma triggers and healthcare use patterns in Puerto Rico. <i>Journal of Asthma</i> , 2020, 57, 886-897.	0.9	13
57	A General, Multivariate Definition of Causal Effects in Epidemiology. <i>Epidemiology</i> , 2015, 26, 481-489.	1.2	12
58	Prenatal exposure to organochlorine pesticides and early childhood communication development in British girls. <i>NeuroToxicology</i> , 2018, 69, 121-129.	1.4	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.	1.4	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.	0.9	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.	1.1	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.	0.7	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.	1.2	12
64	Whole genome association studies for genes affecting alcohol dependence. <i>Genetic Epidemiology</i> , 1999, 17, S337-42.	0.6	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.	2.3	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.	1.1	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.	0.9	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.	0.9	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.	0.6	9
70	Associations of Calcium and Milk Product Intakes with Incident, Sporadic Colorectal Adenomas. <i>Nutrition and Cancer</i> , 2017, 69, 416-427.	0.9	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.	0.9	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.	1.3	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.	1.1	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.	0.9	9
75	A Method of Identifying Residual Confounding and Other Violations of Model Assumptions. <i>Epidemiology</i> , 2009, 20, S44-S45.	1.2	9
76	Ghost-time bias from imperfect mortality ascertainment in aging cohorts. <i>Annals of Epidemiology</i> , 2018, 28, 691-696.e3.	0.9	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.	1.8	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.	0.8	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.	0.9	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.	1.2	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.	1.3	6
82	Limits for the Magnitude of M-bias and Certain Other Types of Structural Selection Bias. <i>Epidemiology</i> , 2019, 30, 501-508.	1.2	6
83	Is the Smog Lifting?. <i>Epidemiology</i> , 2019, 30, 317-320.	1.2	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.	0.8	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.	0.7	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.	0.4	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.	1.2	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.	1.7	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.	0.9	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.	1.1	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.	0.9	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.	1.2	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.	0.7	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.	0.4	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.	1.1	2
96	At-risk-measure Sampling in Case-Control Studies with Aggregated Data. <i>Epidemiology</i> , 2021, 32, 101-110.	1.2	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.	1.6	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.	0.9	1
99	The Authors Respond. <i>Epidemiology</i> , 2019, 30, e38-e38.	1.2	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.	1.1	1
101	Prepregnancy body mass index and spina bifida: Potential contributions of bias. <i>Birth Defects Research</i> , 2021, 113, 633-643.	0.8	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.	0.6	0
103	YANG ET AL. RESPOND. <i>American Journal of Public Health</i> , 2006, 96, 1899-1901.	1.5	0
104	Rejoinder. <i>Epidemiology</i> , 2015, 26, 496-497.	1.2	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.	1.6	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.	0.9	0