Heidi A Hanson

List of Publications by Year
in descending order

84 papers	1,772 citations	257101 24 h-index
86 all docs	86 docs citations	86 times ranked

329751 37 g-index
3094 citing authors

#	Article	IF	Citations
1	Linking climate change and health outcomes: Examining the relationship between temperature, precipitation and birth weight in Africa. Global Environmental Change, 2015, 35, 125-137.	3.6	111
2	Subfertility increases risk of testicular cancer: evidence from population-based semen samples. Fertility and Sterility, 2016, 105, 322-328.e1.	0.5	100
3	Effects of *BRCA1* and *BRCA2* mutations on female fertility. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1389-1395.	1.2	88
4	Gender Differences in Publication Productivity Among Academic Urologists in the United States. Urology, 2017, 103, 39-46.	0.5	77
5	Moderate to Vigorous Physical Activity and Weight Outcomes: Does Every Minute Count?. American Journal of Health Promotion, 2013, 28, 41-49.	0.9	64
6	Neighborhood Design for Walking and Biking. American Journal of Preventive Medicine, 2013, 44, 231-238.	1.6	63
7	The male–female health-survival paradox and sex differences in cohort life expectancy in Utah, Denmark, and Sweden 1850–1910. Annals of Epidemiology, 2013, 23, 161-166.	0.9	59
8	Recent decline in prostate cancer incidence in the United States, by age, stage, and Gleason score. Cancer Medicine, 2016, 5, 136-141.	1.3	50
9	Acute effects of air pollutants on spontaneous pregnancy loss: a case-crossover study. Fertility and Sterility, 2019, 111, 341-347.	0.5	48
10	Survival of offspring who experience early parental death: Early life conditions and later-life mortality. Social Science and Medicine, 2014, 119, 180-190.	1.8	46
11	Socio-economic status and fertility decline: Insights from historical transitions in Europe and North America. Population Studies, 2017, 71, 3-21.	1.1	46
12	Re-visiting the relationship between neighbourhood environment and BMI: an instrumental variables approach to correcting for residential selection bias. International Journal of Behavioral Nutrition and Physical Activity, 2013, 10, 27.	2.0	42
13	Increased Risk of Colorectal Cancer Among Family Members of All Ages, Regardless of Age of Index Case at Diagnosis. Clinical Gastroenterology and Hepatology, 2015, 13, 2305-2311.e2.	2.4	39
14	Long-term, adverse genitourinary outcomes among endometrial cancer survivors in a large, population-based cohort study. Gynecologic Oncology, 2018, 148, 499-506.	0.6	33
15	Balancing revenue generation with capacity generation: case distribution, financial impact and hospital capacity changes from cancelling or resuming elective surgeries in the US during COVID-19. BMC Health Services Research, 2020, 20, 1119.	0.9	33
16	Clarifying hierarchical age–period–cohort models: A rejoinder to Bell and Jones. Social Science and Medicine, 2015, 145, 125-128.	1.8	32
17	Cancer Risk in Families Fulfilling the Amsterdam Criteria for Lynch Syndrome. JAMA Oncology, 2017, 3, 1697.	3.4	32
18	Walkable neighborhoods and obesity: Evaluating effects with a propensity score approach. SSM - Population Health, 2018, 6, 9-15.	1.3	32

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19	Cancer risk in first- and second-degree relatives of men with poor semen quality. Fertility and Sterility, 2016, 106, 731-738.	0.5	31
20	Neighborhood Context and Youth Physical Activity: Differential Associations by Gender and Age. American Journal of Health Promotion, 2017, 31, 426-434.	0.9	31
21	BRCA1 and BRCA2 mutations and female fertility. Current Opinion in Obstetrics and Gynecology, 2013, 25, 207-213.	0.9	30
22	Is Cancer Protective for Subsequent Alzheimer's Disease Risk? Evidence From the Utah Population Database. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2017, 72, gbw040.	2.4	30
23	Aging-Related Disease Risks among Young Thyroid Cancer Survivors. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 1695-1704.	1.1	30
24	Variation in reproductive outcomes of women with histories of bulimia nervosa, anorexia nervosa, or eating disorder not otherwise specified relative to the general population and closest-aged sisters. International Journal of Eating Disorders, 2018, 51, 102-111.	2.1	28
25	Reproductive History and Later-Life Comorbidity Trajectories: A Medicare-Linked Cohort Study From the Utah Population Database. Demography, 2015, 52, 2021-2049.	1.2	27
26	Reduced costs of reproduction in females mediate a shift from a male-biased to a female-biased lifespan in humans. Scientific Reports, 2016, 6, 24672.	1.6	25
27	The Relative Importance of Race Compared to Health Care and Social Factors in Predicting Prostate Cancer Mortality: A Random Forest Approach. Journal of Urology, 2019, 202, 1209-1216.	0.2	25
28	Association of Preeclampsia With Incident Stroke in Later Life Among Women in the Framingham Heart Study. JAMA Network Open, 2021, 4, e215077.	2.8	24
29	Geographic scale matters in detecting the relationship between neighbourhood food environments and obesity risk: an analysis of driver license records in Salt Lake County, Utah. BMJ Open, 2014, 4, e005458-e005458.	0.8	23
30	Offspring Socioeconomic Status and Parent Mortality Within a Historical Population. Demography, 2016, 53, 1583-1603.	1.2	23
31	Semen parameter thresholds and time-to-conception in subfertile couples: how high is high enough?. Human Reproduction, 2021, 36, 2121-2133.	0.4	23
32	Childhood Cancer Risk in the Siblings and Cousins of Men with Poor Semen Quality. Journal of Urology, 2017, 197, 898-905.	0.2	22
33	Effect of Population Socioeconomic and Health System Factors on Medical Care of Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study. Journal of Adolescent and Young Adult Oncology, 2017, 6, 74-82.	0.7	22
34	Familial Cancer Clustering in Urothelial Cancer: A Population-Based Case–Control Study. Journal of the National Cancer Institute, 2018, 110, 527-533.	3.0	22
35	Twitter-derived neighborhood characteristics associated with obesity and diabetes. Scientific Reports, 2017, 7, 16425.	1.6	21
36	Age-associated sperm DNA methylation patterns do not directly persist trans-generationally. Epigenetics and Chromatin, 2019, 12, 74.	1.8	21

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37	Fine Particulate Matter Air Pollution and Mortality among Pediatric, Adolescent, and Young Adult Cancer Patients. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1929-1939.	1.1	21
38	Familial Risk in Patients With Carcinoma of Unknown Primary. JAMA Oncology, 2016, 2, 340.	3.4	20
39	An age–period–cohort analysis of cancer incidence among the oldest old, Utah 1973–2002. Population Studies, 2015, 69, 7-22.	1.1	18
40	Harnessing the full potential of reproductive genetics and epigenetics for male infertility in the era of "big data". Fertility and Sterility, 2020, 113, 478-488.	0.5	18
41	Long-term Cardiovascular Outcomes Among Endometrial Cancer Survivors in a Large, Population-Based Cohort Study. Journal of the National Cancer Institute, 2018, 110, 1342-1351.	3.0	17
42	Risk of childhood mortality in family members of men with poor semen quality. Human Reproduction, 2016, 32, 239-247.	0.4	13
43	The Benefits of Intensive Versus Standard Blood Pressure Treatment According to Fine Particulate Matter Air Pollution Exposure. Hypertension, 2021, 77, 813-822.	1.3	13
44	The joint effects of family risk of obesity and neighborhood environment on obesity among women. Social Science and Medicine, 2017, 195, 17-24.	1.8	12
45	Reproductive and gynecological complication risks among thyroid cancer survivors. Journal of Cancer Survivorship, 2018, 12, 702-711.	1.5	12
46	Do paternal semen parameters influence the birth weight or BMI of the offspring? A study from the Utah Population Database. Journal of Assisted Reproduction and Genetics, 2018, 35, 793-799.	1.2	11
47	Family Study Designs Informed by Tumor Heterogeneity and Multi-Cancer Pleiotropies: The Power of the Utah Population Database. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 807-815.	1.1	11
48	The Utah Population Database. A Model for Linking Medical and Genealogical Records for Population Health Research. Historical Life Course Studies, 0, 12, 58-77.	1.0	11
49	Movers and stayers: how residential selection contributes to the association between female body mass index and neighborhood characteristics. International Journal of Obesity, 2016, 40, 1384-1391.	1.6	10
50	Early origins of longevity: prenatal exposures to food shortage among early Utah pioneers. Journal of Developmental Origins of Health and Disease, 2013, 4, 170-181.	0.7	8
51	Charting the life course: Emerging opportunities to advance scientific approaches using life course research. Journal of Clinical and Translational Science, 2021, 5, e9.	0.3	8
52	Nephrectomy is Associated with Increased Mortality after Renal Trauma: An Analysis of the National Trauma Data Bank from 2007-2016. Journal of Urology, 2021, 205, 841-847.	0.2	8
53	Occupation and fertility on the frontier. Demographic Research, 2014, 30, 853-886.	2.0	8
54	Baby Boomers and Birth Certificates: Early-Life Socioeconomic Status and Cancer Risk in Adulthood. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 75-84.	1.1	7

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55	Melanoma risk assessment based on relatives' age at diagnosis. Cancer Causes and Control, 2018, 29, 193-199.	0.8	7
56	Differential Vulnerability to Early-Life Parental Death: The Moderating Effects of Family Suicide History on Risks for Major Depression and Substance Abuse in Later Life. Biodemography and Social Biology, 2016, 62, 105-125.	0.4	6
57	Air Pollution across the Cancer Continuum: Extending Our Understanding of the Relationship between Environmental Exposures and Cancer. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1876-1879.	1.1	6
58	Familial Risk of Biliary Tract Cancers: A Population-Based Study in Utah. Digestive Diseases and Sciences, 2016, 61, 3627-3632.	1.1	5
59	How Well Does the Family Longevity Selection Score Work: A Validation Test Using the Utah Population Database. Frontiers in Public Health, 2018, 6, 277.	1.3	5
60	Frail Males on the American Frontier: The Role of Environmental Harshness on Sex Ratios at Birth across a Period of Rapid Industrialization. Social Sciences, 2021, 10, 319.	0.7	5
61	Opportunities for life course research through the integration of data across Clinical and Translational Research Institutes. Journal of Clinical and Translational Science, 2018, 2, 156-162.	0.3	4
62	Harnessing Population Pedigree Data and Machine Learning Methods to Identify Patterns of Familial Bladder Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 918-926.	1.1	4
63	Combining Drive Time and Urologist Density to Understand Access to Urologic Care. Urology, 2020, 139, 78-83.	0.5	4
64	Spatial clusters of cancer incidence: analyzing 1940 census data linked to 1966–2017 cancer records. Cancer Causes and Control, 2020, 31, 609-615.	0.8	4
65	A population-wide analysis of the familial risk of suicide in Utah, USA. Psychological Medicine, 2023, 53, 1448-1457.	2.7	4
66	Describing the Spectrum of Patient Reported Outcomes after Radical Prostatectomy: Providing Information to Improve Patient Counseling and Shared Decision Making. Journal of Urology, 2019, 201, 751-758.	0.2	4
67	Historic and Modern Air Pollution Studies Conducted in Utah. Atmosphere, 2020, 11, 1094.	1.0	3
68	Prostate-specific antigen testing among young men: an opportunity to improve value. Cancer Medicine, 2021, 10, 2075-2079.	1.3	3
69	Decision fatigue in low-value prostate cancer screening. Cancer, 2021, 127, 3343-3353.	2.0	3
70	Nephrectomy Is Not Associated with Increased Risk of Mortality or Acute Kidney Injury after High-Grade Renal Trauma: A Propensity Score Analysis of the Trauma Quality Improvement Program (TQIP). Journal of Urology, 2022, 207, 400-406.	0.2	3
71	A tipping point in cancer epidemiology: embracing a life course exposomic framework. Trends in Cancer, 2022, 8, 280-282.	3.8	3
72	The Effects of Marital Status, Fertility, and Bereavement on Adult Mortality in Polygamous and Monogamous Households: Evidence From the Utah Population Database. Demography, 2020, 57, 2169-2198.	1.2	2

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73	Factors associated with appropriate and low-value PSA testing. Cancer Epidemiology, 2020, 66, 101724.	0.8	2
74	Are paternal or grandmaternal age associated with higher probability of trisomy 21 in offspring? A populationâ€based, matched caseâ€control study, 1995â€2015. Paediatric and Perinatal Epidemiology, 2021, 35, 281-291.	0.8	2
75	Seasonal variation in semen quality is not associated with fecundity in the Utah Population Database. Andrologia, 2022, 54, .	1.0	2
76	Tykes, Toddlers, Teens, and Twins of Robust Mothers: Do the Offspring of Twinning Mothers Share in Their Motherâ€™s Robust Phenotype?. Biodemography and Social Biology, 2018, 64, 102-113.	0.4	1
77	Lower total motile count is associated with smaller historic intergenerational family size: a pedigree analysis from the Utah Population Database. Journal of Assisted Reproduction and Genetics, 2021, 38, 1207-1213.	1.2	1
78	Late effects among young thyroid cancer survivors.. Journal of Clinical Oncology, 2017, 35, 111-111.	0.8	1
79	Response to K. Hemminki et al.. Journal of the National Cancer Institute, 2018, 110, 1279-1279.	3.0	0
80	Fertility treatment and congenital urologic malformations: is there a solution to our correlation versus causation woes?. Fertility and Sterility, 2018, 110, 842-843.	0.5	0
81	Cardiovascular late effects among endometrial cancer survivors in a cohort study.. Journal of Clinical Oncology, 2017, 35, 131-131.	0.8	0
82	Lower female partner live birth rate in male cancer survivors: An ageâ€matched cohort analysis of the Utah Population Database. Andrologia, 2021, , e14293.	1.0	0
83	Low-value prostate cancer screening among young men with private insurance.. Journal of Clinical Oncology, 2022, 40, 240-240.	0.8	0
84	Urban families ameliorate rural genitourinary cancer disparities.. Journal of Clinical Oncology, 2022, 40, 25-25.	0.8	0