

Ivar Heuch

List of Publications by Year in descending order

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126
papers

6,071
citations

76326

40
h-index

74163

75
g-index

130
all docs

130
docs citations

130
times ranked

7362
citing authors

#	ARTICLE	IF	CITATIONS
1	Menarche, menopause, and breast cancer risk: individual participant meta-analysis, including 118 964 women with breast cancer from 117 epidemiological studies. <i>Lancet Oncology</i> , The, 2012, 13, 1141-1151.	10.7	753
2	Type and timing of menopausal hormone therapy and breast cancer risk: individual participant meta-analysis of the worldwide epidemiological evidence. <i>Lancet</i> , The, 2019, 394, 1159-1168.	13.7	457
3	Age at Natural Menopause and All-Cause Mortality: A 37-Year Follow-up of 19,731 Norwegian Women. <i>American Journal of Epidemiology</i> , 2003, 157, 923-929.	3.4	236
4	Breast cancer risk by age at birth, time since birth and time intervals between births: exploring interaction effects. <i>British Journal of Cancer</i> , 2005, 92, 167-175.	6.4	232
5	The Impact of Body Mass Index on the Prevalence of Low Back Pain. <i>Spine</i> , 2010, 35, 764-768.	2.0	173
6	Body Mass Index as a Risk Factor for Developing Chronic Low Back Pain. <i>Spine</i> , 2013, 38, 133-139.	2.0	166
7	Use of alcohol, tobacco and coffee, and risk of pancreatic cancer. <i>British Journal of Cancer</i> , 1983, 48, 637-643.	6.4	160
8	A PROSPECTIVE STUDY OF REPRODUCTIVE FACTORS AND BREAST CANCER. <i>American Journal of Epidemiology</i> , 1987, 126, 831-841.	3.4	148
9	The collaborative Lipid Research Clinics family study: Biological and cultural determinants of familial resemblance for plasma lipids and lipoproteins. <i>Genetic Epidemiology</i> , 1985, 2, 227-254.	1.3	135
10	Injury morbidity in an urban and a rural area in Tanzania: an epidemiological survey. <i>BMC Public Health</i> , 2005, 5, 11.	2.9	131
11	Association of Albuminuria and Cancer Incidence. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 992-998.	6.1	128
12	Reproductive factors and risk of ovarian cancer: A prospective study. <i>International Journal of Cancer</i> , 1988, 42, 246-251.	5.1	118
13	Does age at natural menopause affect mortality from ischemic heart disease?. <i>Journal of Clinical Epidemiology</i> , 1997, 50, 475-479.	5.0	118
14	Lifelong Gender Gap in Risk of Incident Myocardial Infarction. <i>JAMA Internal Medicine</i> , 2016, 176, 1673.	5.1	113
15	Parity in Relation to Mortality and Cancer Incidence: A Prospective Study of Norwegian Women. <i>International Journal of Epidemiology</i> , 1994, 23, 691-699.	1.9	111
16	Milk consumption and cancer incidence: a Norwegian prospective study. <i>British Journal of Cancer</i> , 1990, 61, 456-459.	6.4	107
17	The short-term and long-term effect of a pregnancy on breast cancer risk: a prospective study of 802,457 parous Norwegian women. <i>British Journal of Cancer</i> , 1995, 72, 480-484.	6.4	106
18	Low Bone Mineral Density Is Related to Echogenic Carotid Artery Plaques: A Population-based Study. <i>American Journal of Epidemiology</i> , 2004, 160, 549-556.	3.4	102

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19	Association of Low Age at Menarche with Increased All-Cause Mortality: A 37-Year Follow-up of 61,319 Norwegian Women. <i>American Journal of Epidemiology</i> , 2007, 166, 1431-1437.	3.4	99
20	A PROSPECTIVE STUDY OF REPRODUCTIVE FACTORS AND BREAST CANCER. <i>American Journal of Epidemiology</i> , 1987, 126, 842-850.	3.4	94
21	Menstrual factors and breast cancer risk. <i>Cancer</i> , 1988, 62, 1625-1631.	4.1	86
22	Effect of recall on estimation of non-fatal injury rates: a community based study in Tanzania. <i>Injury Prevention</i> , 2005, 11, 48-52.	2.4	86
23	Equilibrium populations of heterostylous plants. <i>Theoretical Population Biology</i> , 1979, 15, 43-57.	1.1	79
24	Glycated Hemoglobin Level Is Strongly Related to the Prevalence of Carotid Artery Plaques With High Echogenicity in Nondiabetic Individuals. <i>Circulation</i> , 2004, 110, 466-470.	1.6	69
25	Lactation and cancer risk: is there a relation specific to breast cancer?. <i>Journal of Epidemiology and Community Health</i> , 1988, 42, 30-37.	3.7	67
26	Risk of primary childhood brain tumors related to birth characteristics: A Norwegian prospective study. <i>International Journal of Cancer</i> , 1998, 77, 498-503.	5.1	65
27	Attributable fractions: fundamental concepts and their visualization. <i>Statistical Methods in Medical Research</i> , 2001, 10, 159-193.	1.5	65
28	Is the risk of cancer of the corpus uteri reduced by a recent pregnancy? A prospective study of 765,756 norwegian women. <i>International Journal of Cancer</i> , 1995, 61, 485-490.	5.1	58
29	Reproductive factors and incidence of epithelial ovarian cancer: a Norwegian prospective study. <i>Cancer Causes and Control</i> , 1996, 7, 421-427.	1.8	58
30	Maximum Likelihood Estimation of the Proportion of Congenital Malformations Using Double Registration Systems. <i>Biometrics</i> , 1994, 50, 433.	1.4	56
31	Breast Cancer Incidence before Age 55 in Relation to Parity and Age at First and Last Births. <i>Epidemiology</i> , 1994, 5, 604-611.	2.7	56
32	Clinical Stage of Breast Cancer by Parity, Age at Birth, and Time Since Birth: A Progressive Effect of Pregnancy Hormones?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 65-69.	2.5	56
33	Lithium differentially affects clock gene expression in serum-shocked NIH-3T3 cells. <i>Journal of Psychopharmacology</i> , 2011, 25, 924-933.	4.0	51
34	Is the incidence of colorectal cancer related to reproduction? A Prospective study of 63,000 women. <i>International Journal of Cancer</i> , 1991, 47, 390-395.	5.1	49
35	Age at Natural Menopause and Stroke Mortality. <i>Stroke</i> , 2004, 35, 1548-1551.	2.0	48
36	Histological type and grade of breast cancer tumors by parity, age at birth, and time since birth: a register-based study in Norway. <i>BMC Cancer</i> , 2010, 10, 226.	2.6	47

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37	Association between body height and chronic low back pain: a follow-up in the Nord-Trøndelag Health Study. <i>BMJ Open</i> , 2015, 5, e006983-e006983.	1.9	47
38	Risk of incident myocardial infarction by gender: Interactions with serum lipids, blood pressure and smoking. <i>The TromsÅ, Study 1979â€“2012. Atherosclerosis</i> , 2017, 261, 52-59.	0.8	44
39	PEDIG â€“A computer program for calculation of genotype probabilities using phenotype information. <i>Clinical Genetics</i> , 1972, 3, 501-504.	2.0	43
40	Albuminuria as risk factor for initiation and progression of carotid atherosclerosis in non-diabetic persons: the Tromso Study. <i>European Heart Journal</i> , 2007, 28, 363-369.	2.2	42
41	Loss of incompatibility types in finite populations of the heterostylous plant <i>Lythrum salicaria</i> . <i>Hereditas</i> , 1980, 92, 53-57.	1.4	42
42	Do seed mass and family affect germination and juvenile performance in <i>Knautia arvensis</i> ? A study using failure-time methods. <i>Acta Oecologica</i> , 2004, 25, 169-178.	1.1	41
43	Associations Between Serum Lipid Levels and Chronic Low Back Pain. <i>Epidemiology</i> , 2010, 21, 837-841.	2.7	41
44	Occupational exposure and lung cancer risk. <i>International Journal of Cancer</i> , 1986, 37, 185-193.	5.1	40
45	Birth Defects Registered by Double Sampling: A Bayesian Approach Incorporating Covariates and Model Uncertainty. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1995, 44, 227.	1.0	39
46	Improving the error rates of the Begg and Mazumdar test for publication bias in fixed effects meta-analysis. <i>BMC Medical Research Methodology</i> , 2014, 14, 109.	3.1	39
47	Menstrual and reproductive factors and risk of gastric cancer: a Norwegian cohort study. , 2000, 11, 869-874.		37
48	Multiple births, sex of children and subsequent breastâ€“cancer risk for the mothers: A prospective study in Norway. <i>International Journal of Cancer</i> , 1995, 60, 341-344.	5.1	37
49	Physical activity level at work and risk of chronic low back pain: A follow-up in the Nord-TrÃndelag Health Study. <i>PLoS ONE</i> , 2017, 12, e0175086.	2.5	36
50	Maintenance of butterfly populations with all-female broods under recurrent extinction and recolonization. <i>Journal of Theoretical Biology</i> , 1978, 75, 115-122.	1.7	35
51	A Comparison of Anthropometric Measures for Assessing the Association between Body Size and Risk of Chronic Low Back Pain: The HUNT Study. <i>PLoS ONE</i> , 2015, 10, e0141268.	2.5	33
52	Injuries in Khartoum state, the Sudan: a household survey of incidence and risk factors. <i>International Journal of Injury Control and Safety Promotion</i> , 2014, 21, 144-153.	2.0	30
53	Attributable fractions: fundamental concepts and their visualization. <i>Statistical Methods in Medical Research</i> , 2001, 10, 159-193.	1.5	30
54	Does high blood pressure reduce the risk of chronic low back pain? The Nordâ€“TrÃndelag Health Study. <i>European Journal of Pain</i> , 2014, 18, 590-598.	2.8	29

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55	Is there a U-shaped relationship between physical activity in leisure time and risk of chronic low back pain? A follow-up in the HUNT Study. <i>BMC Public Health</i> , 2016, 16, 306.	2.9	29
56	Perceived susceptibility to and perceived causes of road traffic injuries in an urban and rural area of Tanzania. <i>Accident Analysis and Prevention</i> , 2006, 38, 54-62.	5.7	28
57	The Effect of Partial Self-fertilization on Type Frequencies in Heterostylous Plants. <i>Annals of Botany</i> , 1979, 44, 611-616.	2.9	26
58	Reproductive factors and risk of cervical cancer by cell type. A prospective study. <i>British Journal of Cancer</i> , 1988, 58, 820-824.	6.4	26
59	Modeling Effects of Age at and Time Since Delivery on Subsequent Risk of Cancer. <i>Epidemiology</i> , 1999, 10, 739-746.	2.7	26
60	Do Abnormal Serum Lipid Levels Increase the Risk of Chronic Low Back Pain? The Nord-Trøndelag Health Study. <i>PLoS ONE</i> , 2014, 9, e108227.	2.5	25
61	Birth characteristics and risk of Wilms' tumour: a nationwide prospective study in Norway. <i>British Journal of Cancer</i> , 1996, 74, 1148-1151.	6.4	23
62	Family history of breast cancer and short-term effects of childbirths on breast cancer risk. <i>International Journal of Cancer</i> , 2006, 119, 1468-1474.	5.1	23
63	Reproductive factors and pancreatic cancer risk: a Norwegian cohort study. <i>British Journal of Cancer</i> , 2008, 98, 189-193.	6.4	23
64	Genotype frequencies associated with incompatibility systems in tristylous plants. <i>Theoretical Population Biology</i> , 1985, 27, 318-336.	1.1	22
65	Full-term pregnancies and incidence of ovarian cancer of stromal and germ cell origin: a Norwegian prospective study. <i>British Journal of Cancer</i> , 1997, 75, 767-770.	6.4	21
66	A new sequential procedure for surveillance of Down's syndrome. <i>Statistics in Medicine</i> , 1993, 12, 13-25.	1.6	20
67	Average Attributable Fractions: A Coherent Theory for Apportioning Excess Risk to Individual Risk Factors and Subpopulations. <i>Biometrical Journal</i> , 2006, 48, 820-837.	1.0	20
68	Socioeconomic and disability consequences of injuries in the Sudan: a community-based survey in Khartoum State. <i>Injury Prevention</i> , 2015, 21, e56-e62.	2.4	19
69	Prognostic Impact of Parity in 493 Uterine Sarcoma Patients. <i>International Journal of Gynecological Cancer</i> , 2009, 19, 1062-1067.	2.5	18
70	Birth and parental characteristics and risk of neuroblastoma in a population-based Norwegian cohort study. <i>British Journal of Cancer</i> , 2008, 99, 1165-1169.	6.4	17
71	Parity and Time Interval Since Childbirth Influence Survival in Endometrial Cancer Patients. <i>International Journal of Gynecological Cancer</i> , 2009, 19, 665-669.	2.5	16
72	The linear algebra for linked loci with mutation. <i>Mathematical Biosciences</i> , 1973, 16, 263-271.	1.9	15

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73	Reproductive factors and fatal hip fractures. A Norwegian prospective study of 63,000 women. <i>Journal of Epidemiology and Community Health</i> , 1998, 52, 645-650.	3.7	14
74	A cohort study found that earlier and longer Seventh-day Adventist church membership was associated with reduced male mortality. <i>Journal of Clinical Epidemiology</i> , 2005, 58, 83-91.	5.0	14
75	Is there an association between vitamin D status and risk of chronic low back pain? A nested case-control analysis in the Nord-Trøndelag Health Study. <i>BMJ Open</i> , 2017, 7, e018521.	1.9	14
76	Is chronic low back pain a risk factor for diabetes? The Nord-Trøndelag Health Study. <i>BMJ Open Diabetes Research and Care</i> , 2018, 6, e000569.	2.8	14
77	Joint effects on cancer risk of age at childbirth, time since birth and attained age: circumventing the problem of collinearity. , 1999, 18, 1261-1277.		13
78	The combined effect of albuminuria and inflammation on all-cause and cardiovascular mortality in nondiabetic persons. <i>Journal of Internal Medicine</i> , 2008, 264, 493-501.	6.0	13
79	Genetic algebras for systems with linked loci. <i>Mathematical Biosciences</i> , 1977, 34, 35-47.	1.9	12
80	A temporary increase of down syndrome among births of young mothers in Norway: An effect of risk unrelated to maternal age?. <i>Genetic Epidemiology</i> , 1991, 8, 217-230.	1.3	12
81	Sequences in genetic algebras for overlapping generations. <i>Proceedings of the Edinburgh Mathematical Society</i> , 1972, 18, 19-29.	0.3	11
82	Use of healthcare services by injured people in Khartoum State, Sudan. <i>International Health</i> , 2015, 7, 183-189.	2.0	11
83	k loci linked to a sex factor in haploid individuals. <i>Biometrische Zeitschrift</i> , 1972, 14, 57-68.	0.4	9
84	Does breastfeeding affect the risk of gastric cancer?. <i>International Journal of Cancer</i> , 2003, 106, 982-983.	5.1	9
85	Twin births, sex of children and maternal risk of ovarian cancer: a cohort study in Norway. <i>British Journal of Cancer</i> , 2007, 96, 1433-1435.	6.4	9
86	Does diabetes influence the probability of experiencing chronic low back pain? A population-based cohort study: the Nord-Trøndelag Health Study. <i>BMJ Open</i> , 2019, 9, e031692.	1.9	9
87	Socioeconomic and geographic differences in ablation of atrial fibrillation in Norway - a national cohort study. <i>BMC Public Health</i> , 2022, 22, 303.	2.9	9
88	The Persistence of Abnormal Sex Ratios in the African Butterfly, <i>Acraea Ecedon</i> . <i>Oikos</i> , 1982, 38, 228.	2.7	8
89	RE: "ENDOMETRIAL CANCER AND AGE AT LAST DELIVERY: EVIDENCE FOR AN ASSOCIATION" <i>American Journal of Epidemiology</i> , 1992, 135, 453-455.	3.4	8
90	Twin births, sex of children and maternal risk of endometrial cancer: A cohort study in Norway. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2008, 87, 1123-1128.	2.8	8

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91	Partial and complete sex linkage in infinite populations. <i>Journal of Mathematical Biology</i> , 1975, 1, 331-343.	1.9	7
92	Associations between the number of children, age at childbirths and prevalence of chronic low back pain: the Nord-Trøndelag Health Study. <i>BMC Public Health</i> , 2020, 20, 1556.	2.9	7
93	Genetic algebras and time continuous models. <i>Theoretical Population Biology</i> , 1973, 4, 133-144.	1.1	6
94	The Relationship between Separation Time and Genetic Distance Based on Angular Transformations of Gene Frequencies. <i>Biometrics</i> , 1975, 31, 685.	1.4	6
95	An explicit formula for frequency changes in genetic algebras. <i>Journal of Mathematical Biology</i> , 1977, 5, 43-53.	1.9	6
96	Genetic Algebras Considered as Elements in a Vector Space. <i>SIAM Journal on Applied Mathematics</i> , 1978, 35, 695-703.	1.8	6
97	The genetic algebra for polyploidy with an arbitrary amount of double reduction. <i>Journal of Mathematical Biology</i> , 1978, 6, 343-352.	1.9	5
98	Coffee, K-ras mutations and pancreatic cancer: A heterogeneous aetiology or an artefact?. <i>Journal of Epidemiology and Community Health</i> , 2000, 54, 654-655.	3.7	5
99	On mortality from ischemic heart disease in women with very late menopause. <i>Journal of Clinical Epidemiology</i> , 2000, 53, 435-436.	5.0	5
100	Effects of a Parent-Administered Exercise Program in the Neonatal Intensive Care Unit: Dose Does Matter—A Randomized Controlled Trial. <i>Physical Therapy</i> , 2020, 100, 860-869.	2.4	5
101	A multivariate analysis of familial associations of lipoprotein levels in the Lipid Research Clinics Collaborative Family Study: I. Familial correlation and regression analyses. <i>Genetic Epidemiology</i> , 1985, 2, 283-300.	1.3	4
102	Coffee Drinking and the Risk of Colon Cancer. <i>Epidemiology</i> , 1991, 2, 77.	2.7	4
103	Is the risk of ovarian cancer related to age at menarche and age at menopause?. <i>International Journal of Cancer</i> , 1992, 51, 333-334.	5.1	4
104	Breast cancer and breastfeeding. <i>Lancet</i> , The, 2003, 361, 176.	13.7	4
105	A Scaled Sample Space Cube Used to Illustrate Attributable Fractions. <i>Biometrical Journal</i> , 2006, 48, 93-104.	1.0	4
106	Impact of parents' education on variation in hospital admissions for children: a population-based cohort study. <i>BMJ Open</i> , 2021, 11, e046656.	1.9	4
107	Modeling the Effects of Age At and Time Since Delivery on Subsequent Risk of Cancer. <i>Epidemiology</i> , 2000, 11, 479.	2.7	4
108	Equitable access to cancer patient pathways in Norway — a national registry-based study. <i>BMC Health Services Research</i> , 2021, 21, 1272.	2.2	4

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109	Selection bias in epidemiological studies of screening participants. <i>Journal of Chronic Diseases</i> , 1986, 39, 323-325.	1.2	3
110	Does gender of offspring modify the time-related effects of a pregnancy on breast cancer risk?. , 2000, 86, 595-597.		3
111	The influence of parental age on the risk of Wilms' tumour. <i>Paediatric and Perinatal Epidemiology</i> , 2000, 14, 283-285.	1.7	3
112	Re: Population Attributable Risk for Breast Cancer: Diet, Nutrition, and Physical Exercise. <i>Journal of the National Cancer Institute</i> , 2000, 92, 843-844.	6.3	3
113	Age at menarche and obesity as risk factors for breast cancer, evidence of an interaction. <i>International Journal of Cancer</i> , 1992, 51, 839-839.	5.1	1
114	Computation of Attributable Fractions on the Basis of Exposure Probabilities. <i>Sleep</i> , 2007, 30, 386-386.	1.1	1
115	Data on gender contrasts in the risk of incident myocardial infarction by age. <i>The TromsÅ, Study 1979â€“2012. Data in Brief</i> , 2017, 13, 779-784.	1.0	1
116	Does the risk of chronic low back pain depend on age at menarche or menopause? A population-based cross-sectional and cohort study: the TrÅndelag Health Study. <i>BMJ Open</i> , 2022, 12, e055118.	1.9	1
117	The effect of a fusion of subpopulations on the total fixation index. <i>Theoretical and Applied Genetics</i> , 1972, 42, 327-330.	3.6	0
118	Equilibrium populations of plants by diploâ€“diplo incompatibility. <i>Advances in Applied Probability</i> , 1979, 11, 3-4.	0.7	0
119	Further investigations of incompatibility systems in angiosperm plants. <i>Advances in Applied Probability</i> , 1980, 12, 7-7.	0.7	0
120	A simple model for linked loci with recombination values depending on the genotype at one locus. <i>Advances in Applied Probability</i> , 1981, 13, 3-3.	0.7	0
121	Coffee drinking and the risk of adenomatous polyps. <i>Journal of Clinical Epidemiology</i> , 1992, 45, 1031.	5.0	0
122	Discussion of "Functional Modelling". <i>Scandinavian Journal of Statistics</i> , 2005, 32, 241-241.	1.4	0
123	Discussion of "Functional Modelling". <i>Scandinavian Journal of Statistics</i> , 2005, 32, 241-242.	1.4	0
124	Pregnancy Levels of Estrogen and Progesterone: The Double-Edged Sword. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 634.2-634.	2.5	0
125	Modelling memory decay after injuries using household survey data from Khartoum State, Sudan. <i>BMC Medical Research Methodology</i> , 2018, 18, 58.	3.1	0
126	Risk of primary childhood brain tumors related to birth characteristics: A Norwegian prospective study. <i>International Journal of Cancer</i> , 1998, 77, 498-503.	5.1	0