Ivar Heuch

List of Publications by Year
in descending order

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	Socioeconomic and geographic differences in ablation of atrial fibrillation in Norway - a national cohort study. BMC Public Health, 2022, 22, 303.	2.9	9
2	Does the risk of chronic low back pain depend on age at menarche or menopause? A population-based cross-sectional and cohort study: the TrÃ¸ndelag Health Study. BMJ Open, 2022, 12, e055118.	1.9	1
3	Impact of parents' education on variation in hospital admissions for children: a population-based cohort study. BMJ Open, 2021, 11, e046656.	1.9	4
4	Equitable access to cancer patient pathways in Norway â€“ a national registry-based study. BMC Health Services Research, 2021, 21, 1272.	2.2	4
5	Associations between the number of children, age at childbirths and prevalence of chronic low back pain: the Nord-TrÃ¸ndelag Health Study. BMC Public Health, 2020, 20, 1556.	2.9	7
6	Effects of a Parent-Administered Exercise Program in the Neonatal Intensive Care Unit: Dose Does Matterâ€”A Randomized Controlled Trial. Physical Therapy, 2020, 100, 860-869.	2.4	5
7	Type and timing of menopausal hormone therapy and breast cancer risk: individual participant meta-analysis of the worldwide epidemiological evidence. Lancet, The, 2019, 394, 1159-1168.	13.7	457
8	Does diabetes influence the probability of experiencing chronic low back pain? A population-based cohort study: the Nord-TrÃ¸ndelag Health Study. BMJ Open, 2019, 9, e031692.	1.9	9
9	Is chronic low back pain a risk factor for diabetes? The Nord-TrÃ¸ndelag Health Study. BMJ Open Diabetes Research and Care, 2018, 6, e000569.	2.8	14
10	Modelling memory decay after injuries using household survey data from Khartoum State, Sudan. BMC Medical Research Methodology, 2018, 18, 58.	3.1	0
11	Risk of incident myocardial infarction by gender: Interactions with serum lipids, blood pressure and smoking. The TromsÃ¸ Study 1979â€“2012. Atherosclerosis, 2017, 261, 52-59.	0.8	44
12	Data on gender contrasts in the risk of incident myocardial infarction by age. The TromsÃ¸ Study 1979â€“2012. Data in Brief, 2017, 13, 779-784.	1.0	1
13	Is there an association between vitamin D status and risk of chronic low back pain? A nested caseâ€“control analysis in the Nord-TrÃ¸ndelag Health Study. BMJ Open, 2017, 7, e018521.	1.9	14
14	Physical activity level at work and risk of chronic low back pain: A follow-up in the Nord-TrÃ¸ndelag Health Study. PLoS ONE, 2017, 12, e0175086.	2.5	36
15	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. BMC Public Health, 2016, 16, 306.	2.9	29
16	Lifelong Gender Gap in Risk of Incident Myocardial Infarction. JAMA Internal Medicine, 2016, 176, 1673.	5.1	113
17	Socioeconomic and disability consequences of injuries in the Sudan: a community-based survey in Khartoum State. Injury Prevention, 2015, 21, e56-e62.	2.4	19
18	Use of healthcare services by injured people in Khartoum State, Sudan. International Health, 2015, 7, 183-189.	2.0	11

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19	Association between body height and chronic low back pain: a follow-up in the Nord-Trondelag Health Study. BMJ Open, 2015, 5, e006983-e006983.	1.9	47
20	A Comparison of Anthropometric Measures for Assessing the Association between Body Size and Risk of Chronic Low Back Pain: The HUNT Study. PLoS ONE, 2015, 10, e0141268.	2.5	33
21	Injuries in Khartoum state, the Sudan: a household survey of incidence and risk factors. International Journal of Injury Control and Safety Promotion, 2014, 21, 144-153.	2.0	30
22	Does high blood pressure reduce the risk of chronic low back pain? The Nordâ€TrÃ¸ndelag Health Study. European Journal of Pain, 2014, 18, 590-598.	2.8	29
23	Improving the error rates of the Begg and Mazumdar test for publication bias in fixed effects meta-analysis. BMC Medical Research Methodology, 2014, 14, 109.	3.1	39
24	Do Abnormal Serum Lipid Levels Increase the Risk of Chronic Low Back Pain? The Nord-TrÃ¸ndelag Health Study. PLoS ONE, 2014, 9, e108227.	2.5	25
25	Body Mass Index as a Risk Factor for Developing Chronic Low Back Pain. Spine, 2013, 38, 133-139.	2.0	166
26	Menarche, menopause, and breast cancer risk: individual participant meta-analysis, including 118â€˜964 women with breast cancer from 117 epidemiological studies. Lancet Oncology, The, 2012, 13, 1141-1151.	10.7	753
27	Lithium differentially affects clock gene expression in serum-shocked NIH-3T3 cells. Journal of Psychopharmacology, 2011, 25, 924-933.	4.0	51
28	Associations Between Serum Lipid Levels and Chronic Low Back Pain. Epidemiology, 2010, 21, 837-841.	2.7	41
29	The Impact of Body Mass Index on the Prevalence of Low Back Pain. Spine, 2010, 35, 764-768.	2.0	173
30	Histological type and grade of breast cancer tumors by parity, age at birth, and time since birth: a register-based study in Norway. BMC Cancer, 2010, 10, 226.	2.6	47
31	Parity and Time Interval Since Childbirth Influence Survival in Endometrial Cancer Patients. International Journal of Gynecological Cancer, 2009, 19, 665-669.	2.5	16
32	Prognostic Impact of Parity in 493 Uterine Sarcoma Patients. International Journal of Gynecological Cancer, 2009, 19, 1062-1067.	2.5	18
33	Twin births, sex of children and maternal risk of endometrial cancer: A cohort study in Norway. Acta Obstetricia Et Gynecologica Scandinavica, 2008, 87, 1123-1128.	2.8	8
34	Birth and parental characteristics and risk of neuroblastoma in a population-based Norwegian cohort study. British Journal of Cancer, 2008, 99, 1165-1169.	6.4	17
35	The combined effect of albuminuria and inflammation on allâ€cause and cardiovascular mortality in nondiabetic persons. Journal of Internal Medicine, 2008, 264, 493-501.	6.0	13
36	Reproductive factors and pancreatic cancer risk: a Norwegian cohort study. British Journal of Cancer, 2008, 98, 189-193.	6.4	23

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37	Association of Albuminuria and Cancer Incidence. Journal of the American Society of Nephrology: JASN, 2008, 19, 992-998.	6.1	128
38	Twin births, sex of children and maternal risk of ovarian cancer: a cohort study in Norway. British Journal of Cancer, 2007, 96, 1433-1435.	6.4	9
39	Albuminuria as risk factor for initiation and progression of carotid atherosclerosis in non-diabetic persons: the Tromso Study. European Heart Journal, 2007, 28, 363-369.	2.2	42
40	Pregnancy Levels of Estrogen and Progesterone: The Double-Edged Sword. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 634.2-634.	2.5	0
41	Association of Low Age at Menarche with Increased All-Cause Mortality: A 37-Year Follow-up of 61,319 Norwegian Women. American Journal of Epidemiology, 2007, 166, 1431-1437.	3.4	99
42	Computation of Attributable Fractions on the Basis of Exposure Probabilities. Sleep, 2007, 30, 386-386.	1.1	1
43	Perceived susceptibility to and perceived causes of road traffic injuries in an urban and rural area of Tanzania. Accident Analysis and Prevention, 2006, 38, 54-62.	5.7	28
44	A Scaled Sample Space Cube Used to Illustrate Attributable Fractions. Biometrical Journal, 2006, 48, 93-104.	1.0	4
45	Average Attributable Fractions: A Coherent Theory for Apportioning Excess Risk to Individual Risk Factors and Subpopulations. Biometrical Journal, 2006, 48, 820-837.	1.0	20
46	Family history of breast cancer and short-term effects of childbirths on breast cancer risk. International Journal of Cancer, 2006, 119, 1468-1474.	5.1	23
47	Clinical Stage of Breast Cancer by Parity, Age at Birth, and Time Since Birth: A Progressive Effect of Pregnancy Hormones?. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 65-69.	2.5	56
48	Discussion of ''Functional Modelling''. Scandinavian Journal of Statistics, 2005, 32, 241-241.	1.4	0
49	Discussion of ''Functional Modelling''. Scandinavian Journal of Statistics, 2005, 32, 241-242.	1.4	0
50	Breast cancer risk by age at birth, time since birth and time intervals between births: exploring interaction effects. British Journal of Cancer, 2005, 92, 167-175.	6.4	232
51	Injury morbidity in an urban and a rural area in Tanzania: an epidemiological survey. BMC Public Health, 2005, 5, 11.	2.9	131
52	Effect of recall on estimation of non-fatal injury rates: a community based study in Tanzania. Injury Prevention, 2005, 11, 48-52.	2.4	86
53	A cohort study found that earlier and longer Seventh-day Adventist church membership was associated with reduced male mortality. Journal of Clinical Epidemiology, 2005, 58, 83-91.	5.0	14
54	Low Bone Mineral Density Is Related to Echogenic Carotid Artery Plaques: A Population-based Study. American Journal of Epidemiology, 2004, 160, 549-556.	3.4	102

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55	Glycated Hemoglobin Level Is Strongly Related to the Prevalence of Carotid Artery Plaques With High Echogenicity in Nondiabetic Individuals. Circulation, 2004, 110, 466-470.	1.6	69
56	Do seed mass and family affect germination and juvenile performance in Knautia arvensis? A study using failure-time methods. Acta Oecologica, 2004, 25, 169-178.	1.1	41
57	Age at Natural Menopause and Stroke Mortality. Stroke, 2004, 35, 1548-1551.	2.0	48
58	Does breastfeeding affect the risk of gastric cancer?. International Journal of Cancer, 2003, 106, 982-983.	5.1	9
59	Breast cancer and breastfeeding. Lancet, The, 2003, 361, 176.	13.7	4
60	Age at Natural Menopause and All-Cause Mortality: A 37-Year Follow-up of 19,731 Norwegian Women. American Journal of Epidemiology, 2003, 157, 923-929.	3.4	236
61	Attributable fractions: fundamental concepts and their visualization. Statistical Methods in Medical Research, 2001, 10, 159-193.	1.5	65
62	Attributable fractions: fundamental concepts and their visualization. Statistical Methods in Medical Research, 2001, 10, 159-193.	1.5	30
63	Does gender of offspring modify the time-related effects of a pregnancy on breast cancer risk?. , 2000, 86, 595-597.		3
64	The influence of parental age on the risk of Wilms' tumour. Paediatric and Perinatal Epidemiology, 2000, 14, 283-285.	1.7	3
65	Menstrual and reproductive factors and risk of gastric cancer: a Norwegian cohort study. , 2000, 11, 869-874.		37
66	Re: Population Attributable Risk for Breast Cancer: Diet, Nutrition, and Physical Exercise. Journal of the National Cancer Institute, 2000, 92, 843-844.	6.3	3
67	Coffee, K-ras mutations and pancreatic cancer: A heterogeneous aetiology or an artefact?. Journal of Epidemiology and Community Health, 2000, 54, 654-655.	3.7	5
68	On mortality from ischemic heart disease in women with very late menopause. Journal of Clinical Epidemiology, 2000, 53, 435-436.	5.0	5
69	Modeling the Effects of Age At and Time Since Delivery on Subsequent Risk of Cancer. Epidemiology, 2000, 11, 479.	2.7	4
70	Modeling Effects of Age at and Time Since Delivery on Subsequent Risk of Cancer. Epidemiology, 1999, 10, 739-746.	2.7	26
71	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
72	Risk of primary childhood brain tumors related to birth characteristics: A Norwegian prospective study. International Journal of Cancer, 1998, 77, 498-503.	5.1	65

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73	Reproductive factors and fatal hip fractures. A Norwegian prospective study of 63,000 women. Journal of Epidemiology and Community Health, 1998, 52, 645-650.	3.7	14
74	Risk of primary childhood brain tumors related to birth characteristics: A Norwegian prospective study. International Journal of Cancer, 1998, 77, 498-503.	5.1	0
75	Full-term pregnancies and incidence of ovarian cancer of stromal and germ cell origin: a Norwegian prospective study. British Journal of Cancer, 1997, 75, 767-770.	6.4	21
76	Does age at natural menopause affect mortality from ischemic heart disease?. Journal of Clinical Epidemiology, 1997, 50, 475-479.	5.0	118
77	Birth characteristics and risk of Wilms' tumour: a nationwide prospective study in Norway. British Journal of Cancer, 1996, 74, 1148-1151.	6.4	23
78	Reproductive factors and incidence of epithelial ovarian cancer: a Norwegian prospective study. Cancer Causes and Control, 1996, 7, 421-427.	1.8	58
79	Is the risk of cancer of the corpus uteri reduced by a recent pregnancy? A prospective study of 765,756 norwegian women. International Journal of Cancer, 1995, 61, 485-490.	5.1	58
80	The short-term and long-term effect of a pregnancy on breast cancer risk: a prospective study of 802,457 parous Norwegian women. British Journal of Cancer, 1995, 72, 480-484.	6.4	106
81	Birth Defects Registered by Double Sampling: A Bayesian Approach Incorporating Covariates and Model Uncertainty. Journal of the Royal Statistical Society Series C: Applied Statistics, 1995, 44, 227.	1.0	39
82	Multiple births, sex of children and subsequent breastâ€cancer risk for the mothers: A prospective study in Norway. International Journal of Cancer, 1995, 60, 341-344.	5.1	37
83	Maximum Likelihood Estimation of the Proportion of Congenital Malformations Using Double Registration Systems. Biometrics, 1994, 50, 433.	1.4	56
84	Parity in Relation to Mortality and Cancer Incidence: A Prospective Study of Norwegian Women. International Journal of Epidemiology, 1994, 23, 691-699.	1.9	111
85	Breast Cancer Incidence before Age 55 in Relation to Parity and Age at First and Last Births. Epidemiology, 1994, 5, 604-611.	2.7	56
86	A new sequential procedure for surveillance of Down's syndrome. Statistics in Medicine, 1993, 12, 13-25.	1.6	20
87	RE: â€œENDOMETRIAL CANCER AND AGE AT LAST DELIVERY: EVIDENCE FOR AN ASSOCIATIONâ€. American Journal of Epidemiology, 1992, 135, 453-455.	3.4	8
88	Coffee drinking and the risk of adenomatous polyps. Journal of Clinical Epidemiology, 1992, 45, 1031.	5.0	0
89	Is the risk of ovarian cancer related to age at menarche and age at menopause?. International Journal of Cancer, 1992, 51, 333-334.	5.1	4
90	Age at menarche and obesity as risk factors for breast cancer, evidence of an interaction. International Journal of Cancer, 1992, 51, 839-839.	5.1	1

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91	A temporary increase of down syndrome among births of young mothers in Norway: An effect of risk unrelated to maternal age?. Genetic Epidemiology, 1991, 8, 217-230.	1.3	12
92	Is the incidence of colorectal cancer related to reproduction? A Prospective study of 63,000 women. International Journal of Cancer, 1991, 47, 390-395.	5.1	49
93	Coffee Drinking and the Risk of Colon Cancer. Epidemiology, 1991, 2, 77.	2.7	4
94	Milk consumption and cancer incidence: a Norwegian prospective study. British Journal of Cancer, 1990, 61, 456-459.	6.4	107
95	Menstrual factors and breast cancer risk. Cancer, 1988, 62, 1625-1631.	4.1	86
96	Reproductive factors and risk of ovarian cancer: A prospective study. International Journal of Cancer, 1988, 42, 246-251.	5.1	118
97	Reproductive factors and risk of cervical cancer by cell type. A prospective study. British Journal of Cancer, 1988, 58, 820-824.	6.4	26
98	Lactation and cancer risk: is there a relation specific to breast cancer?. Journal of Epidemiology and Community Health, 1988, 42, 30-37.	3.7	67
99	A PROSPECTIVE STUDY OF REPRODUCTIVE FACTORS AND BREAST CANCER. American Journal of Epidemiology, 1987, 126, 831-841.	3.4	148
100	A PROSPECTIVE STUDY OF REPRODUCTIVE FACTORS AND BREAST CANCER. American Journal of Epidemiology, 1987, 126, 842-850.	3.4	94
101	Selection bias in epidemiological studies of screening participants. Journal of Chronic Diseases, 1986, 39, 323-325.	1.2	3
102	Occupational exposure and lung cancer risk. International Journal of Cancer, 1986, 37, 185-193.	5.1	40
103	The collaborative Lipid Research Clinics family study: Biological and cultural determinants of familial resemblance for plasma lipids and lipoproteins. Genetic Epidemiology, 1985, 2, 227-254.	1.3	135
104	A multivariate analysis of familial associations of lipoprotein levels in the Lipid Research Clinics Collaborative Family Study: I. Familial correlation and regression analyses. Genetic Epidemiology, 1985, 2, 283-300.	1.3	4
105	Genotype frequencies associated with incompatibility systems in tristylous plants. Theoretical Population Biology, 1985, 27, 318-336.	1.1	22
106	Use of alcohol, tobacco and coffee, and risk of pancreatic cancer. British Journal of Cancer, 1983, 48, 637-643.	6.4	160
107	The Persistence of Abnormal Sex Ratios in the African Butterfly, Acraea Encedon. Oikos, 1982, 38, 228.	2.7	8
108	A simple model for linked loci with recombination values depending on the genotype at one locus. Advances in Applied Probability, 1981, 13, 3-3.	0.7	0

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109	Further investigations of incompatibility systems in angiosperm plants. Advances in Applied Probability, 1980, 12, 7-7.	0.7	0
110	Loss of incompatibility types in finite populations of the heterostylous plant Lythrum salicaria. Hereditas, 1980, 92, 53-57.	1.4	42
111	Equilibrium populations of heterostylous plants. Theoretical Population Biology, 1979, 15, 43-57.	1.1	79
112	Equilibrium populations of plants by diploâ€“diplo incompatibility. Advances in Applied Probability, 1979, 11, 3-4.	0.7	0
113	The Effect of Partial Self-fertilization on Type Frequencies in Heterostylous Plants. Annals of Botany, 1979, 44, 611-616.	2.9	26
114	Maintenance of butterfly populations with all-female broods under recurrent extinction and recolonization. Journal of Theoretical Biology, 1978, 75, 115-122.	1.7	35
115	The genetic algebra for polyploidy with an arbitrary amount of double reduction. Journal of Mathematical Biology, 1978, 6, 343-352.	1.9	5
116	Genetic Algebras Considered as Elements in a Vector Space. SIAM Journal on Applied Mathematics, 1978, 35, 695-703.	1.8	6
117	Genetic algebras for systems with linked loci. Mathematical Biosciences, 1977, 34, 35-47.	1.9	12
118	An explicit formula for frequency changes in genetic algebras. Journal of Mathematical Biology, 1977, 5, 43-53.	1.9	6
119	Partial and complete sex linkage in infinite populations. Journal of Mathematical Biology, 1975, 1, 331-343.	1.9	7
120	The Relationship between Separation Time and Genetic Distance Based on Angular Transformations of Gene Frequencies. Biometrics, 1975, 31, 685.	1.4	6
121	The linear algebra for linked loci with mutation. Mathematical Biosciences, 1973, 16, 263-271.	1.9	15
122	Genetic algebras and time continuous models. Theoretical Population Biology, 1973, 4, 133-144.	1.1	6
123	Sequences in genetic algebras for overlapping generations. Proceedings of the Edinburgh Mathematical Society, 1972, 18, 19-29.	0.3	11
124	k loci linked to a sex factor in haploid individuals. Biometrische Zeitschrift, 1972, 14, 57-68.	0.4	9
125	The effect of a fusion of subpopulations on the total fixation index. Theoretical and Applied Genetics, 1972, 42, 327-330.	3.6	0
126	PEDIG â€•A computer program for calculation of genotype probabilities using phenotype information. Clinical Genetics, 1972, 3, 501-504.	2.0	43