

Jacob vB Hjelmberg

List of Publications by Year in descending order

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109
papers

5,969
citations

109321

35
h-index

76900

74
g-index

113
all docs

113
docs citations

113
times ranked

11306
citing authors

#	ARTICLE	IF	CITATIONS
1	Familial Risk and Heritability of Cancer Among Twins in Nordic Countries. JAMA - Journal of the American Medical Association, 2016, 315, 68.	7.4	648
2	Heritability of Adult Body Height: A Comparative Study of Twin Cohorts in Eight Countries. Twin Research and Human Genetics, 2003, 6, 399-408.	1.0	544
3	Genetic influence on human lifespan and longevity. Human Genetics, 2006, 119, 312-321.	3.8	405
4	Elevated levels of tumor necrosis factor alpha and mortality in centenarians. American Journal of Medicine, 2003, 115, 278-283.	1.5	270
5	Sex Differences in Heritability of BMI: A Comparative Study of Results from Twin Studies in Eight Countries. Twin Research and Human Genetics, 2003, 6, 409-421.	1.0	250
6	Age Trajectories of Grip Strength: Cross-Sectional and Longitudinal Data Among 8,342 Danes Aged 46 to 102. Annals of Epidemiology, 2006, 16, 554-562.	1.9	239
7	Offspring's Leukocyte Telomere Length, Paternal Age, and Telomere Elongation in Sperm. PLoS Genetics, 2008, 4, e37.	3.5	224
8	Genetic and Environmental Contributions to Weight, Height, and BMI from Birth to 19 Years of Age: An International Study of Over 12,000 Twin Pairs. PLoS ONE, 2012, 7, e30153.	2.5	198
9	Hand grip strength: A phenotype suitable for identifying genetic variants affecting mid- and late-life physical functioning. Genetic Epidemiology, 2002, 23, 110-122.	1.3	179
10	Genetic and environmental effects on body mass index from infancy to the onset of adulthood: an individual-based pooled analysis of 45 twin cohorts participating in the COLlaborative project of Development of Anthropometrical measures in Twins (CODATwins) study. American Journal of Clinical Nutrition, 2016, 104, 371-379.	4.7	175
11	The Heritability of Prostate Cancer in the Nordic Twin Study of Cancer. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2303-2310.	2.5	169
12	The heritability of leucocyte telomere length dynamics. Journal of Medical Genetics, 2015, 52, 297-302.	3.2	152
13	Phenotype Presentation of Hypophosphatemic Rickets in Adults. Calcified Tissue International, 2010, 87, 108-119.	3.1	117
14	Longevity Studies in GenomEUtwin. Twin Research and Human Genetics, 2003, 6, 448-454.	1.0	108
15	Differences in genetic and environmental variation in adult BMI by sex, age, time period, and region: an individual-based pooled analysis of 40 twin cohorts. American Journal of Clinical Nutrition, 2017, 106, 457-466.	4.7	107
16	Genetic variation in <i>TERT</i> and <i>TERC</i> and human leukocyte telomere length and longevity: a cross-sectional and longitudinal analysis. Aging Cell, 2012, 11, 223-227.	6.7	105
17	Genetic Influences on Growth Traits of BMI: A Longitudinal Study of Adult Twins. Obesity, 2008, 16, 847-852.	3.0	101
18	Comparison of different screening tools (FRAX®, OST, ORAI, OSIRIS, SCORE and age alone) to identify women with increased risk of fracture. A population-based prospective study. Bone, 2013, 56, 16-22.	2.9	91

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19	The Heritability of Breast Cancer among Women in the Nordic Twin Study of Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 145-150.	2.5	80
20	Familial Risk and Heritability of Colorectal Cancer in the Nordic Twin Study of Cancer. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 1256-1264.	4.4	77
21	Genetic susceptibility to bilateral tinnitus in a Swedish twin cohort. <i>Genetics in Medicine</i> , 2017, 19, 1007-1012.	2.4	76
22	The Danish Twin Registry: Linking Surveys, National Registers, and Biological Information. <i>Twin Research and Human Genetics</i> , 2013, 16, 104-111.	0.6	74
23	Migraine with aura and risk of silent brain infarcts and white matter hyperintensities: an MRI study. <i>Brain</i> , 2016, 139, 2015-2023.	7.6	74
24	Nutrient Enrichment of Mother's Milk and Growth of Very Preterm Infants After Hospital Discharge. <i>Pediatrics</i> , 2011, 127, e995-e1003.	2.1	68
25	On Stability of C^* -Algebras. <i>Journal of Functional Analysis</i> , 1998, 155, 153-170.	1.4	64
26	Estimating heritability for cause specific mortality based on twin studies. <i>Lifetime Data Analysis</i> , 2014, 20, 210-233.	0.9	62
27	Genetic influence on prolonged gestation: A population-based Danish twin study. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 190, 489-494.	1.3	58
28	Migraine with visual aura associated with thicker visual cortex. <i>Brain</i> , 2018, 141, 776-785.	7.6	52
29	The Danish Twin Registry: An Updated Overview. <i>Twin Research and Human Genetics</i> , 2019, 22, 499-507.	0.6	49
30	Expression and prognostic value of the WEE1 kinase in gliomas. <i>Journal of Neuro-Oncology</i> , 2016, 127, 381-389.	2.9	48
31	Clonal hematopoiesis in elderly twins: concordance, discordance, and mortality. <i>Blood</i> , 2020, 135, 261-268.	1.4	47
32	Prognostic value of Musashi-1 in gliomas. <i>Journal of Neuro-Oncology</i> , 2013, 115, 453-461.	2.9	46
33	Circulating amounts of osteoprotegerin and RANK ligand: Genetic influence and relationship with BMD assessed in female twins. <i>Bone</i> , 2005, 36, 727-735.	2.9	43
34	The liability threshold model for censored twin data. <i>Computational Statistics and Data Analysis</i> , 2016, 93, 324-335.	1.2	43
35	Religiousness and Religious Coping in a Secular Society: The Gender Perspective. <i>Journal of Religion and Health</i> , 2014, 53, 1329-1341.	1.7	39
36	Clinical value of CD133 and nestin in patients with glioma: a population-based study. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 3739-51.	0.5	39

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37	Paternal age and telomere length in twins: the germ stem cell selection paradigm. <i>Aging Cell</i> , 2015, 14, 701-703.	6.7	38
38	Psychosocial health and well-being among obstetricians and midwives involved in traumatic childbirth. <i>Midwifery</i> , 2016, 41, 45-53.	2.3	35
39	A population-based study of low-grade gliomas and mutated isocitrate dehydrogenase 1 (IDH1). <i>Journal of Neuro-Oncology</i> , 2013, 114, 309-317.	2.9	33
40	Identifying traffic accident black spots with Poisson-Tweedie models. <i>Accident Analysis and Prevention</i> , 2018, 111, 147-154.	5.7	33
41	On the power of epigenome-wide association studies using a disease-discordant twin design. <i>Bioinformatics</i> , 2018, 34, 4073-4078.	4.1	31
42	A decade of epigenetic change in aging twins: Genetic and environmental contributions to longitudinal DNA methylation. <i>Aging Cell</i> , 2020, 19, e13197.	6.7	29
43	A population-based study of high-grade gliomas and mutated isocitrate dehydrogenase 1. <i>International Journal of Clinical and Experimental Pathology</i> , 2013, 6, 31-40.	0.5	29
44	Heritability of Health-Related Quality of Life: SF-12 Summary Scores in a Population-Based Nationwide Twin Cohort. <i>Twin Research and Human Genetics</i> , 2013, 16, 670-678.	0.6	28
45	Estimating twin concordance for bivariate competing risks twin data. <i>Statistics in Medicine</i> , 2014, 33, 1193-1204.	1.6	28
46	Lung cancer, genetic predisposition and smoking: the Nordic Twin Study of Cancer. <i>Thorax</i> , 2017, 72, 1021-1027.	5.6	27
47	DNA Methylation and All-Cause Mortality in Middle-Aged and Elderly Danish Twins. <i>Genes</i> , 2018, 9, 78.	2.4	27
48	Longitudinal changes in the genetic and environmental influences on the epigenetic clocks across old age: Evidence from two twin cohorts. <i>EBioMedicine</i> , 2019, 40, 710-716.	6.1	27
49	Heritability of resting heart rate and association with mortality in middle-aged and elderly twins. <i>Heart</i> , 2018, 104, 30-36.	2.9	24
50	Single-cell high-content imaging parameters predict functional phenotype of cultured human bone marrow stromal stem cells. <i>Stem Cells Translational Medicine</i> , 2020, 9, 189-202.	3.3	22
51	Cancer Incidence and Mortality in 260,000 Nordic Twins With 30,000 Prospective Cancers. <i>Twin Research and Human Genetics</i> , 2019, 22, 99-107.	0.6	21
52	Longitudinal Associations of Sensory and Cognitive Functioning: A Structural Equation Modeling Approach. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2019, 74, 1308-1316.	3.9	21
53	Heritability of Adult Body Height: A Comparative Study of Twin Cohorts in Eight Countries. <i>Twin Research and Human Genetics</i> , 2003, 6, 399-408.	1.0	20
54	Posttreatment Effect of MGMT Methylation Level on Glioblastoma Survival. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 633-640.	1.7	19

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55	Epigenome-wide association study of leukocyte telomere length. <i>Aging</i> , 2019, 11, 5876-5894.	3.1	19
56	Evidence of gene-gene interaction in hidradenitis suppurativa: a nationwide registry study of Danish twins. <i>British Journal of Dermatology</i> , 2022, 186, 78-85.	1.5	18
57	Sex Differences in Heritability of BMI: A Comparative Study of Results from Twin Studies in Eight Countries. <i>Twin Research and Human Genetics</i> , 2003, 6, 409-421.	1.0	18
58	Early-life mortality risks in opposite-sex and same-sex twins: a Danish cohort study of the twin testosterone transfer hypothesis. <i>Annals of Epidemiology</i> , 2017, 27, 115-120.e2.	1.9	17
59	Heritability of eleven metabolic phenotypes in Danish and Chinese twins: A cross-population comparison. <i>Obesity</i> , 2013, 21, 1908-1914.	3.0	15
60	Purely infinite and stable C^* -algebras of graphs and dynamical systems. <i>Ergodic Theory and Dynamical Systems</i> , 2001, 21, .	0.6	14
61	Probability and heritability estimates on primary osteoarthritis of the hip leading to total hip arthroplasty: a nationwide population based follow-up study in Danish twins. <i>Arthritis Research and Therapy</i> , 2015, 17, 336.	3.5	14
62	DNA methylation age and perceived age in elderly Danish twins. <i>Mechanisms of Ageing and Development</i> , 2018, 169, 40-44.	4.6	13
63	DNA methylome profiling of all-cause mortality in comparison with age-associated methylation patterns. <i>Clinical Epigenetics</i> , 2019, 11, 23.	4.1	13
64	Comparison Between Cerebral Tissue Oxygen Tension and Energy Metabolism in Experimental Subdural Hematoma. <i>Neurocritical Care</i> , 2011, 15, 585-592.	2.4	12
65	The Genetic Basis for Cognitive Ability, Memory, and Depression Symptomatology in Middle-Aged and Elderly Chinese Twins. <i>Twin Research and Human Genetics</i> , 2015, 18, 79-85.	0.6	12
66	The Nordic Twin Study on Cancer - NorTwinCan. <i>Twin Research and Human Genetics</i> , 2019, 22, 817-823.	0.6	11
67	Determining viability of using APNG status as a prognostic marker in patients with glioblastoma multiforme.. <i>Journal of Clinical Oncology</i> , 2015, 33, 2028-2028.	1.6	11
68	Familial Resemblance in Religiousness in a Secular Society: A Twin Study. <i>Twin Research and Human Genetics</i> , 2013, 16, 544-553.	0.6	9
69	Influence of Adalimumab Treatment on Anastomotic Strength, Degree of Inflammation, and Collagen Formation. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 254-258.	1.9	9
70	Self-reported intake of fruit and vegetables and risk of chronic obstructive pulmonary disease: A nation-wide twin study. <i>Respiratory Medicine</i> , 2018, 144, 16-21.	2.9	9
71	Advanced Parental Age at Conception and Sex Affects Mitochondrial DNA Copy Number in Human and Fruit Flies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1853-1860.	3.6	9
72	Leukocyte telomere length is inversely correlated with plasma Von Willebrand factor. <i>Thrombosis Research</i> , 2010, 125, e339-e342.	1.7	8

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73	Family aggregation of cardiovascular disease mortality: a register-based prospective study of pooled Nordic twin cohorts. <i>International Journal of Epidemiology</i> , 2017, 46, 1223-1229.	1.9	8
74	Integrative analysis of clinical and epigenetic biomarkers of mortality. <i>Aging Cell</i> , 2022, 21, e13608.	6.7	8
75	Shorter Adult Stature Increases the Impact of Risk Factors for Cognitive Impairment: A Comparison of Two Nordic Twin Cohorts. <i>Twin Research and Human Genetics</i> , 2011, 14, 544-552.	0.6	7
76	Estimating Twin Pair Concordance for Age of Onset. <i>Behavior Genetics</i> , 2015, 45, 573-580.	2.1	7
77	Lifespans of Twins: Does Zygosity Matter?. <i>Genes</i> , 2019, 10, 166.	2.4	7
78	Effectiveness of energy healing on Quality of Life: A pragmatic intervention trial in colorectal cancer patients. <i>Complementary Therapies in Medicine</i> , 2014, 22, 463-472.	2.7	6
79	Handling blood cell composition in epigenetic studies on ageing. <i>International Journal of Epidemiology</i> , 2017, 46, 1717-1718.	1.9	6
80	Genetic and environmental determinants of O6-methylguanine DNA-methyltransferase (MGMT) gene methylation: a 10-year longitudinal study of Danish twins. <i>Clinical Epigenetics</i> , 2021, 13, 35.	4.1	6
81	Global Gene Expression Profiling and Transcription Factor Network Analysis of Cognitive Aging in Monozygotic Twins. <i>Frontiers in Genetics</i> , 2021, 12, 675587.	2.3	6
82	Longevity Studies in GenomEUtwin. <i>Twin Research and Human Genetics</i> , 2003, 6, 448-454.	1.0	6
83	Resting heart rate and mortality in the very old. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2019, 79, 566-571.	1.2	5
84	A Prospective Observational Feasibility Study of Jugular Bulb Microdialysis in Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2020, 33, 241-255.	2.4	5
85	STEMI, Cardiogenic Shock, and Mortality in Patients Admitted for Acute Angiography: Associations and Predictions from Plasma Proteome Data. <i>Shock</i> , 2021, 55, 41-47.	2.1	5
86	Generalized Correlation Coefficient for Non-Parametric Analysis of Microarray Time-Course Data. <i>Journal of Integrative Bioinformatics</i> , 2017, 14, .	1.5	4
87	Heritability of the Number of Teeth in Middle-Aged and Older Danish Twins. <i>Journal of Dental Research</i> , 2017, 96, 1513-1517.	5.2	4
88	Resting Heart Rate Is Not Associated with Cognitive Function. <i>Neuroepidemiology</i> , 2018, 50, 160-167.	2.3	4
89	Familial Risk and Heritability of Hematologic Malignancies in the Nordic Twin Study of Cancer. <i>Cancers</i> , 2021, 13, 3023.	3.7	4
90	Longitudinal Investigation into Genetics in the Conservation of Metabolic Phenotypes in Danish and Chinese Twins. <i>PLoS ONE</i> , 2016, 11, e0162805.	2.5	4

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91	Mitral valve regurgitation in twins: Concordance and survival. <i>American Heart Journal</i> , 2016, 177, 51-57.	2.7	3
92	Familial risk and heritability of ischemic heart disease and stroke in Danish twins. <i>Scandinavian Journal of Public Health</i> , 2022, 50, 199-204.	2.3	3
93	Differential lncRNA expression profiling of cognitive function in middle and old aged monozygotic twins using generalized association analysis. <i>Journal of Psychiatric Research</i> , 2021, 140, 197-204.	3.1	3
94	Heritability assessment of cartilage metabolism. A twin study on circulating procollagen IIA N-terminal propeptide (PIIANP). <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1142-1147.	1.3	2
95	Measuring early or late dependence for bivariate lifetimes of twins. <i>Lifetime Data Analysis</i> , 2015, 21, 280-299.	0.9	2
96	Genetic and Environmental Regulation on Longitudinal Change of Metabolic Phenotypes in Danish and Chinese Adult Twins. <i>PLoS ONE</i> , 2016, 11, e0148396.	2.5	2
97	Does diabetes modify the effect of heparin on plasma proteins? - A proteomic search for plasma protein biomarkers for diabetes-related endothelial dysfunction. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107906.	2.3	2
98	Cancer in twin pairs discordant for smoking: The Nordic Twin Study of Cancer. <i>International Journal of Cancer</i> , 2022, , .	5.1	2
99	THU0260â€¦Delay in RA Diagnosis of More than 12 Months is Associated with Deteriorated Functional Status in Patients in Bdmard Treatmentâ€œ Results from A Prospective Study. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 273.1-273.	0.9	1
100	Impact of the spirometric definition on comorbidities in chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2021, 184, 106399.	2.9	1
101	Self-reported intake of fruit and vegetables and risk of chronic obstructive pulmonary disease: a nation-wide twin study. , 2018, , .		1
102	Genetic and Environmental Contributions to Weight, Height and BMI from Birth to 19 Years of Age. , 2013, , 23-52.		1
103	Genetic Analysis of Rare Disorders: Bayesian Estimation of Twin Concordance Rates. <i>Behavior Genetics</i> , 2012, 42, 857-865.	2.1	0
104	The Heritability of Prostate Cancerâ€œResponse. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 879-879.	2.5	0
105	Reply. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 298-299.	4.4	0
106	Familial risk and heritability of genitourinary cancers in the Nordic Twin Cohorts.. <i>Journal of Clinical Oncology</i> , 2015, 33, 11-11.	1.6	0
107	Risk of asthma in patients with migraine in an adult twin population. , 2019, , .		0
108	Heritability of retinal drusen in the Copenhagen Twin Cohort Eye Study. <i>Acta Ophthalmologica</i> , 2022, , .	1.1	0

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109	Cancer-related reductions in survival: extent and duration evaluated using a large cohort study of twins, 1943-2011. Cancer Epidemiology Biomarkers and Prevention, 0, , .	2.5	0