

Iris Pigeot

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

6,455
citations

236612

25
h-index

71532

76
g-index

170
all docs

170
docs citations

170
times ranked

13355
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19.2 million participants. <i>Lancet</i> , The, 2016, 387, 1377-1396.	6.3	3,941
2	Systematic literature review of determinants of sedentary behaviour in older adults: a DEDIPAC study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 127.	2.0	164
3	Early Childhood Electronic Media Use as a Predictor of Poorer Well-being. <i>JAMA Pediatrics</i> , 2014, 168, 485.	3.3	142
4	Assessing non-inferiority of a new treatment in a three-arm clinical trial including a placebo. <i>Statistics in Medicine</i> , 2003, 22, 883-899.	0.8	116
5	Establishment of a pharmacoepidemiological database in Germany: methodological potential, scientific value and practical limitations. <i>Pharmacoepidemiology and Drug Safety</i> , 2008, 17, 215-223.	0.9	115
6	Genetic Associations of 115 Polymorphisms with Cancers of the Upper Aerodigestive Tract across 10 European Countries: The ARCAGE Project. <i>Cancer Research</i> , 2009, 69, 2956-2965.	0.4	94
7	Dietary Patterns of European Children and Their Parents in Association with Family Food Environment: Results from the I.Family Study. <i>Nutrients</i> , 2017, 9, 126.	1.7	82
8	Assessment of diet, physical activity and biological, social and environmental factors in a multi-centre European project on diet- and lifestyle-related disorders in children (IDEFICS). <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2006, 14, 279-289.	0.8	72
9	Incidence and relative risk of hearing disorders in professional musicians. <i>Occupational and Environmental Medicine</i> , 2014, 71, 472-476.	1.3	69
10	Prospective associations between socio-economic status and dietary patterns in European children: the Identification and Prevention of Dietary- and Lifestyle-induced Health Effects in Children and Infants (IDEFICS) Study. <i>British Journal of Nutrition</i> , 2015, 113, 517-525.	1.2	62
11	Objective Measures of the Built Environment and Physical Activity in Children: From Walkability to Moveability. <i>Journal of Urban Health</i> , 2015, 92, 24-38.	1.8	55
12	Establishing Efficacy of a New Experimental Treatment in the "Gold Standard" Design. <i>Biometrical Journal</i> , 2005, 47, 782-786.	0.6	50
13	Signal Detection and Monitoring Based on Longitudinal Healthcare Data. <i>Pharmaceutics</i> , 2012, 4, 607-640.	2.0	46
14	Development and application of a moveability index to quantify possibilities for physical activity in the built environment of children. <i>Health and Place</i> , 2011, 17, 1191-1201.	1.5	45
15	Familial Resemblance in Dietary Intakes of Children, Adolescents, and Parents: Does Dietary Quality Play a Role?. <i>Nutrients</i> , 2017, 9, 892.	1.7	43
16	Diet-obesity associations in children: approaches to counteract attenuation caused by misreporting. <i>Public Health Nutrition</i> , 2013, 16, 256-266.	1.1	38
17	Epidemiology of Obesity in Children and Adolescents. , 2011, , .		37
18	Determinants of vitamin D status in young children: results from the Belgian arm of the IDEFICS (Identification and Prevention of Dietary- and Lifestyle-Induced Health Effects in Children and Infants) Study. <i>Public Health Nutrition</i> , 2012, 15, 1093-1099.	1.1	37

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19	Associations between early body mass index trajectories and later metabolic risk factors in European children: the IDEFICS study. <i>European Journal of Epidemiology</i> , 2016, 31, 513-525.	2.5	36
20	Basic concepts of multiple tests " A survey. <i>Statistical Papers</i> , 2000, 41, 3-36.	0.7	33
21	Pester power and its consequences: do European children's food purchasing requests relate to diet and weight outcomes?. <i>Public Health Nutrition</i> , 2016, 19, 2393-2403.	1.1	31
22	Polygenic risk for obesity and its interaction with lifestyle and sociodemographic factors in European children and adolescents. <i>International Journal of Obesity</i> , 2021, 45, 1321-1330.	1.6	31
23	Clustering of unhealthy food around German schools and its influence on dietary behavior in school children: a pilot study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013, 10, 65.	2.0	30
24	<i>Epidemiologische Methoden.</i> , 2012, , .		30
25	Undernutrition in Benin"an analysis based on graphical models. <i>Social Science and Medicine</i> , 2003, 56, 1677-1691.	1.8	27
26	Factors influencing sedentary behaviour: A system based analysis using Bayesian networks within DEDIPAC. <i>PLoS ONE</i> , 2019, 14, e0211546.	1.1	27
27	Primary Prevention from the Epidemiology Perspective: Three Examples from the Practice. <i>BMC Medical Research Methodology</i> , 2010, 10, 10.	1.4	26
28	Prospective Analysis of the Association of a Common Variant of FTO (rs9939609) with Adiposity in Children: Results of the IDEFICS Study. <i>PLoS ONE</i> , 2012, 7, e48876.	1.1	26
29	Peer effects on obesity in a sample of European children. <i>Economics and Human Biology</i> , 2015, 18, 139-152.	0.7	26
30	Further evidence for the role of pregnancy-induced hypertension and other early life influences in the development of ADHD: results from the IDEFICS study. <i>European Child and Adolescent Psychiatry</i> , 2017, 26, 957-967.	2.8	26
31	A Comparison of Multiple Testing Procedures for the Gold Standard Non-Inferiority Trial. <i>Journal of Biopharmaceutical Statistics</i> , 2010, 20, 911-926.	0.4	23
32	Urban Moveability and physical activity in children: longitudinal results from the IDEFICS and I.Family cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 128.	2.0	23
33	Urinary sucrose and fructose to validate self-reported sugar intake in children and adolescents: results from the I.Family study. <i>European Journal of Nutrition</i> , 2019, 58, 1247-1258.	1.8	22
34	Prevalence of negative life events and chronic adversities in European pre- and primary-school children: results from the IDEFICS study. <i>Archives of Public Health</i> , 2012, 70, 26.	1.0	20
35	Bidirectional associations between psychosocial well-being and body mass index in European children: longitudinal findings from the IDEFICS study. <i>BMC Public Health</i> , 2016, 16, 949.	1.2	20
36	Experimental Evidence on the Impact of Food Advertising on Children's Knowledge about and Preferences for Healthful Food. <i>Journal of Obesity</i> , 2013, 2013, 1-13.	1.1	19

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37	Hospitalization rates of generic metoprolol compared with the original beta-blocker in an epidemiological database study. <i>Pharmacoepidemiology and Drug Safety</i> , 2007, 16, 1298-1307.	0.9	18
38	Using Hidden Markov Models to Improve Quantifying Physical Activity in Accelerometer Data – A Simulation Study. <i>PLoS ONE</i> , 2014, 9, e114089.	1.1	17
39	Like me, like you – relative importance of peers and siblings on children’s fast food consumption and screen time but not sports club participation depends on age. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 50.	2.0	17
40	Consistency of the bootstrap procedure in individual bioequivalence. <i>Biometrika</i> , 2000, 87, 573-585.	1.3	16
41	A Comparative Analysis of Graphical Interaction and Logistic Regression Modelling: Self-care and Coping with a Chronic Illness in Later Life. <i>Biometrical Journal</i> , 2002, 44, 410.	0.6	15
42	A comparison of heuristic and model-based clustering methods for dietary pattern analysis. <i>Public Health Nutrition</i> , 2016, 19, 255-264.	1.1	15
43	Adverse drug reaction or innocent bystander? A systematic comparison of statistical discovery methods for spontaneous reporting systems. <i>Pharmacoepidemiology and Drug Safety</i> , 2020, 29, 396-403.	0.9	15
44	Miscellanea. Maximum likelihood estimation in graphical models with missing values. <i>Biometrika</i> , 1998, 85, 960-966.	1.3	14
45	Assessing opportunities for physical activity in the built environment of children: interrelation between kernel density and neighborhood scale. <i>International Journal of Health Geographics</i> , 2015, 14, 35.	1.2	12
46	Childhood Obesity: Prevalence Worldwide - Synthesis Part I. , 2011, , 219-235.		12
47	Does additional confounder information alter the estimated risk of bleeding associated with phenprocoumon use – results of a two-phase study. <i>Pharmacoepidemiology and Drug Safety</i> , 2012, 21, 535-545.	0.9	11
48	Consent and confidentiality in the light of recent demands for data sharing. <i>Biometrical Journal</i> , 2017, 59, 240-250.	0.6	11
49	A class of asymptotically efficient noniterative estimators of a common odds ratio. <i>Biometrika</i> , 1990, 77, 420-423.	1.3	9
50	A simulation study of estimators of a common odds ratio in several 2 × 2 tables. <i>Journal of Statistical Computation and Simulation</i> , 1991, 38, 65-82.	0.7	9
51	A Jackknife Estimator of a Combined Odds Ratio. <i>Biometrics</i> , 1991, 47, 373.	0.8	9
52	Rejoinder to “Establishing Efficacy of a New Experimental Treatment in the “Gold Standard” Design”. <i>Biometrical Journal</i> , 2005, 47, 797-798.	0.6	9
53	Using graphical chain models to analyze differences in structural correlates of undernutrition in Benin and Bangladesh. <i>Economics and Human Biology</i> , 2008, 6, 398-419.	0.7	9
54	Statistical strategies for the analysis of clinical trials with an experimental treatment, an active control and placebo, and a prespecified fixed noninferiority margin for the difference in means. <i>Statistics in Medicine</i> , 2011, 30, 3162-3164.	0.8	9

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55	Anonymisation of address coordinates for microlevel analyses of the built environment: a simulation study. <i>BMJ Open</i> , 2015, 5, e006481-e006481.	0.8	9
56	Interactive analysis of high-dimensional association structures with graphical models. <i>Metrika</i> , 2000, 51, 53-65.	0.5	8
57	Forecasting interest rates volatilities by GARCH (1,1) and stochastic volatility models. <i>Statistical Papers</i> , 2000, 41, 409-422.	0.7	8
58	Data on Determinants Are Needed to Curb the Sedentary Epidemic in Europe. Lessons Learnt from the DEDIPAC European Knowledge Hub. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1406.	1.2	8
59	A Graphical Chain Model Derived from a Model Selection Strategy for the Sociologists Graduates Study. <i>Biometrical Journal</i> , 1999, 41, 217-234.	0.6	7
60	Multivariate time-to-event analysis of multiple adverse events of drugs in integrated analyses. <i>Statistics in Medicine</i> , 2007, 26, 1518-1531.	0.8	7
61	Duration of sick leave after shoulder arthroscopy in Germany: analysis of health care data. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 843-848.	1.3	7
62	Instruments for Health Surveys in Children and Adolescents. <i>Springer Series on Epidemiology and Public Health</i> , 2019, , .	0.5	7
63	The uncertainty of a selected graphical model. <i>Journal of Applied Statistics</i> , 2015, 42, 2335-2352.	0.6	6
64	Comparative risk for cardiovascular diseases of dipeptidyl peptidase-4 inhibitors vs. sulfonylureas in combination with metformin: Results of a two-phase study. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 1339-1346.	1.2	6
65	Modifications of the Bonferroni-Holm procedure for a multi-way ANOVA. <i>Statistical Papers</i> , 2006, 47, 181-209.	0.7	5
66	A planning tool for two-phase caseâ€“control studies. <i>Computer Methods and Programs in Biomedicine</i> , 2007, 88, 175-181.	2.6	5
67	Modeling Gene-Gene Interactions Using Graphical Chain Models. <i>Human Heredity</i> , 2008, 65, 47-56.	0.4	5
68	The Bootstrap in Bioequivalence Studies. <i>Journal of Biopharmaceutical Statistics</i> , 2011, 21, 1126-1139.	0.4	5
69	The influence of aerobic fitness on obesity and its parent-offspring correlations in a cross-sectional study among German families. <i>BMC Public Health</i> , 2015, 15, 638.	1.2	5
70	The Bootstrap Percentile in Food and Drug Administration Regulations for Bioequivalence Assessment. <i>Drug Information Journal</i> , 2001, 35, 1445-1453.	0.5	4
71	Testing for Association in the Presence of Population Stratification: A Simulation Study Comparing the S-TDT, STRAT and the GC. <i>Biometrical Journal</i> , 2006, 48, 420-434.	0.6	4
72	Sample selection and outcome evaluation in primary prevention. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2007, 15, 93-99.	0.8	4

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73	Artificial neural networks modeling gene-environment interaction. BMC Genetics, 2012, 13, 37.	2.7	4
74	The proportion of all previous patients was a potential instrument for patients' actual prescriptions of nonsteroidal anti-inflammatory drugs. Journal of Clinical Epidemiology, 2016, 69, 96-106.	2.4	3
75	Robust versus consistent variance estimators in marginal structural Cox models. Statistics in Medicine, 2018, 37, 3455-3470.	0.8	3
76	Modeling physical activity data using L O -penalized expectile regression. Biometrical Journal, 2019, 61, 1371-1384.	0.6	3
77	A note on invariance of multiple tests. Statistica Neerlandica, 1997, 51, 366-372.	0.9	2
78	Methodische Aspekte der Risikoabschätzung. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz, 2003, 46, 555-563.	7.2	2
79	Epidemiologie und Molekulare Epidemiologie. , 2011, , 185-207.		2
80	Comparison of multiple imputation and two-phase logistic regression to analyse two-phase caseâ€control studies with rich phase 1: a simulation study. Journal of Statistical Computation and Simulation, 2018, 88, 2201-2214.	0.7	2
81	SIMEX for correction of dietary exposure effects with Boxâ€Cox transformed data. Biometrical Journal, 2020, 62, 221-237.	0.6	2
82	The professional career of sociologists: A graphical chain model reflecting early influences and associations. A St A - Advances in Statistical Analysis, 2000, 84, 3-22.	0.4	2
83	Jackknifing Estimators of a Common Odds Ratio from Several 2Ã—2 Tables. Lecture Notes in Economics and Mathematical Systems, 1992, , 203-212.	0.3	2
84	Weight Status and BMI-Related Traits in Adolescent Friendship Groups and Role of Sociodemographic Factors: The European IDEFICS/I.Family Cohort. Obesity Facts, 2021, 14, 121-130.	1.6	2
85	Asymptotic Relative Efficiency of Some Jackknife Estimators of a Common Odds Ratio. Biometrical Journal, 1991, 33, 305-316.	0.6	1
86	Jackknife variances and confidence intervals of the Mantel-Haenszel estimator. Statistical Papers, 1994, 35, 255-272.	0.7	1
87	SPF 50 for organ transplant patientsâ€over the top?. Nephrology Dialysis Transplantation, 2009, 24, 2601-2601.	0.4	1
88	The impact of period effects on dose level contrasts in alternating crossâ€over designs for firstâ€timeâ€inâ€human studies. Pharmaceutical Statistics, 2011, 10, 45-49.	0.7	1
89	Entwicklung einer innovativen Beratungshilfe - OptimaHI 60plus. Public Health Forum, 2012, 20, 26-28.	0.1	1
90	Comprehensive survey among statistical members of medical ethics committees in Germany on their personal impression of completeness and correctness of biostatistical aspects of submitted study protocols. BMJ Open, 2020, 10, e032864.	0.8	1

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91	Analysis of Pharmacokinetic Interactions. , 0, , 175-203.		1
92	Design and Planning of Epidemiological Studies. , 2014, , 473-524.		1
93	An Introduction to Epidemiology. , 2014, , 3-41.		1
94	Estimating Age- and Height-Specific Percentile Curves for Children Using GAMLSS in the IDEFICS Study. Studies in Classification, Data Analysis, and Knowledge Organization, 2016, , 385-394.	0.1	1
95	Application of Self-Organizing Maps to Detect Population Stratification. , 2008, , 367-387.		1
96	Auswirkungen von Anonymisierungsverfahren auf Risikoschätzungen in epidemiologischen Studien. , 1992, , 52-56.		1
97	The IDEFICS/I.Family Studies: Design and Methods of a Large European Child Cohort. Springer Series on Epidemiology and Public Health, 2019, , 1-24.	0.5	1
98	Asymptotically Efficient Noniterative Estimators of A Common Parameter From Independent Samples. Statistics, 1996, 28, 187-200.	0.3	0
99	Jackknifing the Mantel-Haenszel Estimator in Sparse Contingency Tables. Australian and New Zealand Journal of Statistics, 1998, 40, 433-441.	0.4	0
100	CORA—A knowledge-based system for the analysis of case-control studies. Computer Methods and Programs in Biomedicine, 1998, 58, 35-50.	2.6	0
101	Jackknife estimators of a relative risk in 2×2 and $2 \times 2 \times K$ contingency tables. Statistica Neerlandica, 1999, 53, 178-196.	0.9	0
102	Das Kind ist, was es isst. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz, 2003, 46, 725-726.	7.2	0
103	Leben ist Bewegung - Altern ist Leben. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz, 2006, 49, 495-496.	7.2	0
104	Basic Statistical Considerations. , 0, , 37-68.		0
105	A Point Estimator for the Time Course of Drug Release. Biometrical Journal, 2009, 51, 146-158.	0.6	0
106	Reply to "Letter to the editor: Issues to consider in children's dietary assessment" by T. Burrows and Erratum. Clinical Nutrition, 2014, 33, 727.	2.3	0
107	Author response: noise-induced hearing loss: the diagnosis depends on the doctor's belief. Occupational and Environmental Medicine, 2015, 72, 234.2-235.	1.3	0
108	Worldwide Availability of Pharmacoepidemiological Databases. Springer Series on Epidemiology and Public Health, 2021, , 15-53.	0.5	0

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109	Arbeitsbuch Statistik. Springer-Lehrbuch, 2003, , .	0.1	0
110	Graphical Chain Models and their Application. , 2010, , 231-247.		0
111	Data Mining in Pharmacoepidemiological Databases. , 2013, , 351-364.		0
112	Special Resampling Techniques in Categorical Data Analysis. Contributions To Statistics, 1994, , 159-176.	0.2	0
113	Estimation of the Stochastic Volatility by Markov Chain Monte Carlo. , 1998, , 189-203.		0
114	Pre- and Postnatal Factors Obtained from Health Records. Springer Series on Epidemiology and Public Health, 2019, , 175-188.	0.5	0
115	Epidemiologische Methoden in den Gesundheitswissenschaften. The Springer Reference Pflögerapie, Gesundheit, 2019, , 103-117.	0.2	0
116	Dispensation Patterns of Glucose-Lowering Drugs in Newly Diagnosed Type 2 Diabetes: Routine Data Analysis of Insurance Claims in Germany. Experimental and Clinical Endocrinology and Diabetes, 2021, , .	0.6	0
117	Using the jackknife in the analysis of contingency tables for the estimation of the common odds ratio. , 0, , .		0
118	Equivalence Assessment for Clinical Endpoints. , 0, , 283-306.		0
119	Metrics to Characterize Concentration-Time Profiles in Single- and Multiple-Dose Bioequivalence Studies. , 0, , 17-36.		0
120	Assessment of Average Bioequivalence in the RT/TR design. , 0, , 69-104.		0
121	Power and Sample Size Determination for Testing Average Bioequivalence in the RT/TR Design. , 0, , 105-122.		0
122	Presentation of Bioequivalence Studies. , 0, , 123-155.		0
123	Designs with more than Two Formulations. , 0, , 157-173.		0
124	Population and Individual Bioequivalence. , 0, , 205-282.		0
125	Statistics in Practice. , 0, , 312-313.		0