Robert C Elston

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

 174
 4,580
 36
 63

 papers
 citations
 h-index
 g-index

 186
 5,005
 4.1
 5.19

 ext. papers
 ext. citations
 avg, IF
 L-index

| # | Paper | IF | Citations |
|-----|--|---------------------------|-----------|
| 174 | An Accidental Genetic Epidemiologist. Annual Review of Genomics and Human Genetics, 2020, 21, 15-36 | 9.7 | |
| 173 | Local Ancestry Inference in Large Pedigrees. Scientific Reports, 2020, 10, 189 | 4.9 | О |
| 172 | ONETOOL for the analysis of family-based big data. <i>Bioinformatics</i> , 2018 , 34, 2851-2853 | 7.2 | 12 |
| 171 | Applying family analyses to electronic health records to facilitate genetic research. <i>Bioinformatics</i> , 2018 , 34, 635-642 | 7.2 | 5 |
| 170 | How Consistent are Genetic Factors in Explaining Leisure-Time Physical Activity and Sport Participation? The Portuguese Healthy Families Study. <i>Twin Research and Human Genetics</i> , 2018 , 21, 369 | 9- ² 377 | 2 |
| 169 | Fisher's influence on me. <i>Genetic Epidemiology</i> , 2018 , 42, 849-853 | 2.6 | 4 |
| 168 | Adjustment for covariates using summary statistics of genome-wide association studies. <i>Genetic Epidemiology</i> , 2018 , 42, 812-825 | 2.6 | 3 |
| 167 | Statistical interactions and Bayes estimation of log odds in case-control studies. <i>Statistical Methods in Medical Research</i> , 2017 , 26, 1021-1038 | 2.3 | 3 |
| 166 | Genomic regions associated with susceptibility to Barrett's esophagus and esophageal adenocarcinoma in African Americans: The cross BETRNet admixture study. <i>PLoS ONE</i> , 2017 , 12, e01849 | 9 <i>6</i> 2 ⁷ | 5 |
| 165 | On the association analysis of CNV data: a fast and robust family-based association method. <i>BMC Bioinformatics</i> , 2017 , 18, 217 | 3.6 | 1 |
| 164 | Predicting Barrett's Esophagus in Families: An Esophagus Translational Research Network (BETRNet) Model Fitting Clinical Data to a Familial Paradigm. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 727-35 | 4 | 9 |
| 163 | Joint modeling of longitudinal data and discrete-time survival outcome. <i>Statistical Methods in Medical Research</i> , 2016 , 25, 1512-26 | 2.3 | 7 |
| 162 | A Germline Variant on Chromosome 4q31.1 Associates with Susceptibility to Developing Colon Cancer Metastasis. <i>PLoS ONE</i> , 2016 , 11, e0146435 | 3.7 | 1 |
| 161 | A weighted U statistic for association analyses considering genetic heterogeneity. <i>Statistics in Medicine</i> , 2016 , 35, 2802-14 | 2.3 | 6 |
| 160 | Family-Based Rare Variant Association Analysis: A Fast and Efficient Method of Multivariate Phenotype Association Analysis. <i>Genetic Epidemiology</i> , 2016 , 40, 502-11 | 2.6 | 7 |
| 159 | Association Between Germline Mutation in VSIG10L and Familial Barrett Neoplasia. <i>JAMA Oncology</i> , 2016 , 2, 1333-1339 | 13.4 | 14 |
| 158 | Linkage and related analyses of Barrett's esophagus and its associated adenocarcinomas. <i>Molecular Genetics & Molecular Genetics & Mole</i> | 2.3 | 4 |

(2011-2015)

| 157 | Reply to Ashktorab et al.: Mutational landscape of colon cancers in African Americans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2853 | 11.5 | 1 |
|-----|--|------|----|
| 156 | Novel approaches to the analysis of family data in genetic epidemiology. <i>Frontiers in Genetics</i> , 2015 , 6, 27 | 4.5 | 5 |
| 155 | Putative linkage signals identified for breast cancer in African American families. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 442-7 | 4 | 2 |
| 154 | Genome-Wide Association and Trans-ethnic Meta-Analysis for Advanced Diabetic Kidney Disease: Family Investigation of Nephropathy and Diabetes (FIND). <i>PLoS Genetics</i> , 2015 , 11, e1005352 | 6 | 84 |
| 153 | On the Estimation of Heritability with Family-Based and Population-Based Samples. <i>BioMed Research International</i> , 2015 , 2015, 671349 | 3 | 10 |
| 152 | Novel recurrently mutated genes in African American colon cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1149-54 | 11.5 | 77 |
| 151 | On the analysis of a repeated measure design in genome-wide association analysis. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 12283-303 | 4.6 | 5 |
| 150 | Analysis pipeline for the epistasis search - statistical versus biological filtering. <i>Frontiers in Genetics</i> , 2014 , 5, 106 | 4.5 | 47 |
| 149 | The association of the vanin-1 N131S variant with blood pressure is mediated by endoplasmic reticulum-associated degradation and loss of function. <i>PLoS Genetics</i> , 2014 , 10, e1004641 | 6 | 14 |
| 148 | What is the significance of difference in phenotypic variability across SNP genotypes?. <i>American Journal of Human Genetics</i> , 2013 , 93, 390-7 | 11 | 29 |
| 147 | Evaluation of removable statistical interaction for binary traits. <i>Statistics in Medicine</i> , 2013 , 32, 1164-90 | 2.3 | 16 |
| 146 | A genome-wide search for linkage of estimated glomerular filtration rate (eGFR) in the Family Investigation of Nephropathy and Diabetes (FIND). <i>PLoS ONE</i> , 2013 , 8, e81888 | 3.7 | 23 |
| 145 | Linkage-disequilibrium-based binning misleads the interpretation of genome-wide association studies. <i>American Journal of Human Genetics</i> , 2012 , 91, 965-8; author reply 969-70 | 11 | 1 |
| 144 | Power of single- vs. multi-marker tests of association. <i>Genetic Epidemiology</i> , 2012 , 36, 480-7 | 2.6 | 11 |
| 143 | A likelihood ratio-based Mann-Whitney approach finds novel replicable joint gene action for type 2 diabetes. <i>Genetic Epidemiology</i> , 2012 , 36, 583-93 | 2.6 | 15 |
| 142 | Genetic terminology. <i>Methods in Molecular Biology</i> , 2012 , 850, 1-9 | 1.4 | 11 |
| 141 | Statistical interaction in human genetics: how should we model it if we are looking for biological interaction?. <i>Nature Reviews Genetics</i> , 2011 , 12, 74 | 30.1 | 34 |
| 140 | 2010 William Allan Award introduction: JEg Ott. American Journal of Human Genetics, 2011 , 88, 262-3 | 11 | 1 |

| 139 | Two-marker association tests yield new disease associations for coronary artery disease and hypertension. <i>Human Genetics</i> , 2011 , 130, 725-33 | 6.3 | 67 |
|--------------------------|---|-------------------|---------------------|
| 138 | Interrogating population structure and its impact on association tests. <i>BMC Proceedings</i> , 2011 , 5 Suppl 9, S25 | 2.3 | 3 |
| 137 | Testing gene-environment interactions in gene-based association studies. <i>BMC Proceedings</i> , 2011 , 5 Suppl 9, S26 | 2.3 | 3 |
| 136 | Detecting genetic interactions for quantitative traits with U-statistics. <i>Genetic Epidemiology</i> , 2011 , 35, 457-68 | 2.6 | 18 |
| 135 | A non-parametric method for building predictive genetic tests on high-dimensional data. <i>Human Heredity</i> , 2011 , 71, 161-70 | 1.1 | 11 |
| 134 | A Note on Comparing the Power of Test Statistics at Low Significance Levels. <i>American Statistician</i> , 2011 , 65, | 5 | 8 |
| 133 | Using the optimal robust receiver operating characteristic (ROC) curve for predictive genetic tests. <i>Biometrics</i> , 2010 , 66, 586-93 | 1.8 | 12 |
| 132 | Examination of association with candidate genes for diabetic nephropathy in a Mexican American population. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010 , 5, 1072-8 | 6.9 | 23 |
| 131 | Bagging optimal ROC curve method for predictive genetic tests, with an application for rheumatoid arthritis. <i>Journal of Biopharmaceutical Statistics</i> , 2010 , 20, 401-14 | 1.3 | 4 |
| | | | |
| 130 | The meaning of interaction. <i>Human Heredity</i> , 2010 , 70, 269-77 | 1.1 | 100 |
| 130 | The meaning of interaction. <i>Human Heredity</i> , 2010 , 70, 269-77 Single-marker and two-marker association tests for unphased case-control genotype data, with a power comparison. <i>Genetic Epidemiology</i> , 2010 , 34, 67-77 | 2.6 | 100 |
| | Single-marker and two-marker association tests for unphased case-control genotype data, with a | | |
| 129 | Single-marker and two-marker association tests for unphased case-control genotype data, with a power comparison. <i>Genetic Epidemiology</i> , 2010 , 34, 67-77 The effect of multiple genetic variants in predicting the risk of type 2 diabetes. <i>BMC Proceedings</i> , | 2.6 | 16 |
| 129 | Single-marker and two-marker association tests for unphased case-control genotype data, with a power comparison. <i>Genetic Epidemiology</i> , 2010 , 34, 67-77 The effect of multiple genetic variants in predicting the risk of type 2 diabetes. <i>BMC Proceedings</i> , 2009 , 3 Suppl 7, S49 | 2.6 | 16 |
| 129 128 127 | Single-marker and two-marker association tests for unphased case-control genotype data, with a power comparison. <i>Genetic Epidemiology</i> , 2010 , 34, 67-77 The effect of multiple genetic variants in predicting the risk of type 2 diabetes. <i>BMC Proceedings</i> , 2009 , 3 Suppl 7, S49 Phase uncertainty in case-control association studies. <i>Genetic Epidemiology</i> , 2009 , 33, 463-78 | 2.6 | 16 12 2 |
| 129 128 127 126 | Single-marker and two-marker association tests for unphased case-control genotype data, with a power comparison. <i>Genetic Epidemiology</i> , 2010 , 34, 67-77 The effect of multiple genetic variants in predicting the risk of type 2 diabetes. <i>BMC Proceedings</i> , 2009 , 3 Suppl 7, S49 Phase uncertainty in case-control association studies. <i>Genetic Epidemiology</i> , 2009 , 33, 463-78 Choosing an optimal method to combine P-values. <i>Statistics in Medicine</i> , 2009 , 28, 1537-53 | 2.6 | 16 12 2 90 |
| 129 128 127 126 | Single-marker and two-marker association tests for unphased case-control genotype data, with a power comparison. <i>Genetic Epidemiology</i> , 2010 , 34, 67-77 The effect of multiple genetic variants in predicting the risk of type 2 diabetes. <i>BMC Proceedings</i> , 2009 , 3 Suppl 7, S49 Phase uncertainty in case-control association studies. <i>Genetic Epidemiology</i> , 2009 , 33, 463-78 Choosing an optimal method to combine P-values. <i>Statistics in Medicine</i> , 2009 , 28, 1537-53 Heritability of the severity of diabetic retinopathy: the FIND-Eye study 2008 , 49, 3839-45 The power of independent types of genetic information to detect association in a case-control | 2.6 2.3 2.6 | 16 12 2 90 133 |

| 121 | Multistage sampling for genetic studies. Annual Review of Genomics and Human Genetics, 2007, 8, 327-4 | 2 9.7 | 21 |
|-----|---|--------------|----|
| 120 | Log-linear model-based multifactor dimensionality reduction method to detect gene gene interactions. <i>Bioinformatics</i> , 2007 , 23, 2589-95 | 7.2 | 72 |
| 119 | Adaptive two-stage analysis of genetic association in case-control designs. <i>Human Heredity</i> , 2007 , 63, 175-86 | 1.1 | 24 |
| 118 | Improving power in contrasting linkage-disequilibrium patterns between cases and controls. <i>American Journal of Human Genetics</i> , 2007 , 80, 911-20 | 11 | 36 |
| 117 | Genome scan for loci predisposing to anxiety disorders using a novel multivariate approach: strong evidence for a chromosome 4 risk locus. <i>American Journal of Human Genetics</i> , 2006 , 78, 543-53 | 11 | 71 |
| 116 | A powerful method of combining measures of association and Hardy-Weinberg disequilibrium for fine-mapping in case-control studies. <i>Statistics in Medicine</i> , 2006 , 25, 105-26 | 2.3 | 86 |
| 115 | Advances in statistical human genetics over the last 25 years. <i>Statistics in Medicine</i> , 2006 , 25, 3049-80 | 2.3 | 22 |
| 114 | Mathematical assumptions versus biological reality: myths in affected sib pair linkage analysis. <i>American Journal of Human Genetics</i> , 2005 , 76, 152-6 | 11 | 33 |
| 113 | Response to letter by Veronica J. Vieland and Susan E. Hodge. <i>Genetic Epidemiology</i> , 2005 , 28, 286-287 | 2.6 | 1 |
| 112 | Two-level Haseman-Elston regression for general pedigree data analysis. <i>Genetic Epidemiology</i> , 2005 , 29, 12-22 | 2.6 | 42 |
| 111 | Likelihood Modelling: Genetic Mapping of Complex Traits 2005 , 339-359 | | |
| 110 | A review of the 'Statistical Analysis for Genetic Epidemiology' (S.A.G.E.) software package. <i>Human Genomics</i> , 2004 , 1, 456-9 | 6.8 | 33 |
| 109 | A modified revisited Haseman-Elston method to further improve power. <i>Human Heredity</i> , 2004 , 57, 109 | -16 | 22 |
| 108 | Linkage analysis of a complex disease through use of admixed populations. <i>American Journal of Human Genetics</i> , 2004 , 74, 1136-53 | 11 | 67 |
| 107 | Regression models for linkage: issues of traits, covariates, heterogeneity, and interaction. <i>Human Heredity</i> , 2003 , 55, 86-96 | 1.1 | 38 |
| 106 | Adding further power to the Haseman and Elston method for detecting linkage in larger sibships: weighting sums and differences. <i>Human Heredity</i> , 2003 , 55, 79-85 | 1.1 | 84 |
| 105 | New multivariate test for linkage, with application to pleiotropy: fuzzy Haseman-Elston. <i>Genetic Epidemiology</i> , 2003 , 24, 253-64 | 2.6 | 11 |
| 104 | Segregation Analysis of Gastric Cancer in a Japanese Population. <i>International Journal of Human Genetics</i> , 2001 , 1, 263-270 | 1 | 2 |

| 103 | Introduction: Linkage Analyses of Single Regions. <i>Genetic Epidemiology</i> , 2001 , 21, S79-S80 | 2.6 | |
|-----|--|---------------|-----|
| 102 | Segregation analysis of asthma and respiratory allergy in population-based samples of families. <i>Genetic Epidemiology</i> , 2001 , 21 Suppl 1, S30-5 | 2.6 | 1 |
| 101 | Impact of preadjusting a quantitative phenotype prior to sib-pair linkage analysis when gene x environment interaction exists. <i>Genetic Epidemiology</i> , 2001 , 21 Suppl 1, S837-42 | 2.6 | |
| 100 | Pooling data and linkage analysis in the chromosome 5q candidate region for asthma. <i>Genetic Epidemiology</i> , 2001 , 21 Suppl 1, S103-8 | 2.6 | 8 |
| 99 | Localization of the Q1 mutation by cladistic analysis. <i>Genetic Epidemiology</i> , 2001 , 21 Suppl 1, S594-9 | 2.6 | 2 |
| 98 | Linkage disequilibrium mapping of complex genetic diseases using multiallelic markers. <i>Genetic Epidemiology</i> , 2001 , 21 Suppl 1, S576-81 | 2.6 | 1 |
| 97 | Locating the genes underlying a simulated complex disease by discriminant analysis. <i>Genetic Epidemiology</i> , 2001 , 21 Suppl 1, S516-21 | 2.6 | 10 |
| 96 | Comparison of marker intervals and number of sib pairs used for linkage analysis on simulated nuclear family data. <i>Genetic Epidemiology</i> , 2001 , 21 Suppl 1, S748-53 | 2.6 | 1 |
| 95 | Electrocardiographic prediction of abnormal genotype in congenital long QT syndrome: experience in 101 related family members. <i>Journal of Cardiovascular Electrophysiology</i> , 2001 , 12, 455-61 | 2.7 | 74 |
| 94 | Segregation analyses of asthma and respiratory allergy: the Humboldt family study. <i>American Journal of Medical Genetics Part A</i> , 2001 , 104, 23-30 | | 4 |
| 93 | Transmission/disequilibrium tests for quantitative traits. <i>Genetic Epidemiology</i> , 2001 , 20, 57-74 | 2.6 | 29 |
| 92 | A PROBLEM IN ASCERTAINMENT. Communications in Statistics - Theory and Methods, 2001 , 30, 1615-16 | 3 10.5 | |
| 91 | The Genetic Epidemiology of Age-Related Maculopathy. <i>International Journal of Human Genetics</i> , 2001 , 1, 11-24 | 1 | 2 |
| 90 | On the relative sample size required for multiple comparisons. <i>Statistics in Medicine</i> , 2000 , 19, 369-72 | 2.3 | 36 |
| 89 | Major gene segregation of actinic prurigo among North American Indians in Saskatchewan. <i>American Journal of Medical Genetics Part A</i> , 2000 , 92, 212-219 | | 9 |
| 88 | Two-stage global search designs for linkage analysis II: including discordant relative pairs in the study. <i>Genetic Epidemiology</i> , 2000 , 18, 111-27 | 2.6 | 18 |
| 87 | Two-stage global search designs for linkage analysis I: use of the mean statistic for affected sib pairs. <i>Genetic Epidemiology</i> , 2000 , 18, 97-110 | 2.6 | 16 |
| 86 | Haseman and Elston revisited. <i>Genetic Epidemiology</i> , 2000 , 19, 1-17 | 2.6 | 275 |

(1998-2000)

| 85 | Model-free sib-pair linkage analysis: combining full-sib and half-sib pairs. <i>Genetic Epidemiology</i> , 2000 , 19, 30-51 | 2.6 | 5 | |
|----|--|-----|----|--|
| 84 | Haseman and Elston revisited: the effects of ascertainment and residual familial correlations on power to detect linkage. <i>Genetic Epidemiology</i> , 2000 , 19, 456-60 | 2.6 | 27 | |
| 83 | Multipoint admixture mapping. <i>Genetic Epidemiology</i> , 2000 , 19, 464-7 | 2.6 | 11 | |
| 82 | Adding power to Haseman and Elston (1972) method. <i>GeneScreen</i> , 2000 , 1, 63-64 | | 5 | |
| 81 | Genetic determinants of acute hypoxic ventilation: patterns of inheritance in mice. <i>Journal of Applied Physiology</i> , 2000 , 88, 2310-8 | 3.7 | 47 | |
| 80 | Major gene segregation of actinic prurigo among North American Indians in Saskatchewan 2000 , 92, 212 | | 1 | |
| 79 | Linkage of chromosome 1 markers to alcoholism-related phenotypes by sib pair linkage analysis of principal components. <i>Genetic Epidemiology</i> , 1999 , 17 Suppl 1, S271-6 | 2.6 | 10 | |
| 78 | Multipoint linkage disequilibrium mapping with particular reference to the African-American population. <i>Genetic Epidemiology</i> , 1999 , 17, 79-101 | 2.6 | 33 | |
| 77 | Fieller's theorem and linkage disequilibrium mapping. <i>Genetic Epidemiology</i> , 1999 , 17, 237-52 | 2.6 | 16 | |
| 76 | The study of candidate genes in drug trials: sample size considerations. <i>Statistics in Medicine</i> , 1999 , 18, 741-51 | 2.3 | 29 | |
| 75 | Genetic mapping of complex traits. Statistics in Medicine, 1999, 18, 2961-81 | 2.3 | 24 | |
| 74 | Model-based and model-free multipoint genome-wide linkage analysis of alcoholism. <i>Genetic Epidemiology</i> , 1999 , 17 Suppl 1, S175-80 | 2.6 | 1 | |
| 73 | Association and linkage analysis of ICD-10 diagnosis for alcoholism. <i>Genetic Epidemiology</i> , 1999 , 17 Suppl 1, S343-7 | 2.6 | 3 | |
| 72 | Improving the power for disease locus detection in affected-sib-pair studies by using two-locus analysis and multiple regression methods. <i>Genetic Epidemiology</i> , 1999 , 17 Suppl 1, S521-6 | 2.6 | 2 | |
| 71 | Linkage and association analyses of alcoholism using a regression-based transmission/disequilibrium test. <i>Genetic Epidemiology</i> , 1999 , 17 Suppl 1, S157-61 | 2.6 | 7 | |
| 70 | Authors' reply: Confidence limits based on the first occurrence of an event. V.T. George and R.C. Elton. Statistics in Medicine, 12, 685 B 90 (1993). <i>Statistics in Medicine</i> , 1998 , 17, 945-945 | 2.3 | | |
| 69 | A multivariate logistic model (MLM) for analyzing binary family data. <i>American Journal of Medical Genetics Part A</i> , 1998 , 76, 428-37 | | 24 | |
| 68 | Using family history information to distinguish true and false positive model-free linkage results. <i>Genetic Epidemiology</i> , 1998 , 15, 183-92 | 2.6 | 2 | |

| 67 | Analysis of Swedish male breast cancer family data: a simple way to incorporate a common sibling effect. <i>Genetic Epidemiology</i> , 1998 , 15, 201-12 | 2.6 | 5 |
|----------------------------|---|----------------------------|----------------------|
| 66 | Linkage and association. <i>Genetic Epidemiology</i> , 1998 , 15, 565-76 | 2.6 | 59 |
| 65 | Restrictions on components of variance for epistatic models. <i>Theoretical Population Biology</i> , 1998 , 54, 161-74 | 1.2 | 17 |
| 64 | A faster and more general hidden Markov model algorithm for multipoint likelihood calculations. <i>Human Heredity</i> , 1997 , 47, 197-202 | 1.1 | 47 |
| 63 | Alternative test for linkage between two loci. <i>Genetic Epidemiology</i> , 1997 , 14, 117-31 | 2.6 | 8 |
| 62 | Deriving components of genetic variance for multilocus models. <i>Genetic Epidemiology</i> , 1997 , 14, 1131-6 | 2.6 | 18 |
| 61 | Modeling age of onset and residual familial correlations for the linkage analysis of bipolar disorder. <i>Genetic Epidemiology</i> , 1997 , 14, 675-80 | 2.6 | 4 |
| 60 | Model-free age-of-onset methods applied to the linkage of bipolar disorder. <i>Genetic Epidemiology</i> , 1997 , 14, 711-6 | 2.6 | 9 |
| 59 | False discoveries in genome scanning. <i>Genetic Epidemiology</i> , 1997 , 14, 779-84 | 2.6 | 15 |
| | | | |
| 58 | False discoveries in genome scanning 1997 , 14, 779 | | 1 |
| 58 57 | False discoveries in genome scanning 1997 , 14, 779 Association within twin pairs for a dichotomous trait. <i>Genetic Epidemiology</i> , 1996 , 13, 489-99 | 2.6 | 1 |
| | | 2.6 | 12 |
| 57 | Association within twin pairs for a dichotomous trait. <i>Genetic Epidemiology</i> , 1996 , 13, 489-99 | | 12 |
| 57 56 | Association within twin pairs for a dichotomous trait. <i>Genetic Epidemiology</i> , 1996 , 13, 489-99 Genetic dissection of complex traits. <i>Nature Genetics</i> , 1996 , 12, 355-6; author reply 357-8 An autosomal screen for genes that predispose to celiac disease in the western counties of Ireland. | 36.3 | 12 95 |
| 57 56 55 | Association within twin pairs for a dichotomous trait. <i>Genetic Epidemiology</i> , 1996 , 13, 489-99 Genetic dissection of complex traits. <i>Nature Genetics</i> , 1996 , 12, 355-6; author reply 357-8 An autosomal screen for genes that predispose to celiac disease in the western counties of Ireland. <i>Nature Genetics</i> , 1996 , 14, 329-33 Statistical validity for testing associations between genetic markers and quantitative traits in family | 36.3 36.3 | 12 95 153 |
| 57 56 55 54 | Association within twin pairs for a dichotomous trait. <i>Genetic Epidemiology</i> , 1996 , 13, 489-99 Genetic dissection of complex traits. <i>Nature Genetics</i> , 1996 , 12, 355-6; author reply 357-8 An autosomal screen for genes that predispose to celiac disease in the western counties of Ireland. <i>Nature Genetics</i> , 1996 , 14, 329-33 Statistical validity for testing associations between genetic markers and quantitative traits in family data. <i>Genetic Epidemiology</i> , 1995 , 12, 145-61 | 36.3 36.3 2.6 | 12 95 153 5 |
| 57 56 55 54 53 | Association within twin pairs for a dichotomous trait. <i>Genetic Epidemiology</i> , 1996 , 13, 489-99 Genetic dissection of complex traits. <i>Nature Genetics</i> , 1996 , 12, 355-6; author reply 357-8 An autosomal screen for genes that predispose to celiac disease in the western counties of Ireland. <i>Nature Genetics</i> , 1996 , 14, 329-33 Statistical validity for testing associations between genetic markers and quantitative traits in family data. <i>Genetic Epidemiology</i> , 1995 , 12, 145-61 Model-free association analysis of a rare disease. <i>Genetic Epidemiology</i> , 1995 , 12, 571-5 Effects of marker information on sib-pair linkage analysis of a rare disease. <i>Genetic Epidemiology</i> , | 36.3 36.3 2.6 2.6 | 12 95 153 5 |

| 49 | Lods, wrods, and mods: the interpretation of lod scores calculated under different models. <i>Genetic Epidemiology</i> , 1994 , 11, 329-42 | 2.6 | 107 | |
|----|--|-----|-----|--|
| 48 | Potential role of an additive genetic component in the cause of amyotrophic lateral sclerosis and parkinsonism-dementia in the western Pacific. <i>American Journal of Medical Genetics Part A</i> , 1993 , 45, 68-76 | | 38 | |
| 47 | The HGAR1 familial hypercholesterolemia pedigree. <i>Genetic Epidemiology</i> , 1993 , 10, 529-31 | 2.6 | 5 | |
| 46 | Statistical validity of the Haseman-Elston sib-pair test in small samples. <i>Genetic Epidemiology</i> , 1993 , 10, 593-8 | 2.6 | 42 | |
| 45 | Confidence limits based on the first occurrence of an event. Statistics in Medicine, 1993, 12, 685-90 | 2.3 | 15 | |
| 44 | The Elston-Stewart algorithm for continuous genotypes and environmental factors. <i>Human Heredity</i> , 1992 , 42, 16-27 | 1.1 | 48 | |
| 43 | Regression toward the mean in 2 \times 2 crossover designs with baseline measurements. Statistics in Medicine, 1992 , 11, 727-41 | 2.3 | 10 | |
| 42 | Effect of cohort differences in smoking prevalence on models of lung cancer susceptibility. <i>Genetic Epidemiology</i> , 1992 , 9, 261-71 | 2.6 | 29 | |
| 41 | Lung cancer histologic type and family history of cancer. <i>Cancer</i> , 1992 , 69, 86-91 | 6.4 | 43 | |
| 40 | Evidence for a dominant gene mechanism underlying coeliac disease in the west of Ireland. <i>Genetic Epidemiology</i> , 1991 , 8, 13-27 | 2.6 | 14 | |
| 39 | Extensions to sib-pair linkage tests applicable to disorders characterized by delayed onset. <i>Genetic Epidemiology</i> , 1990 , 7, 453-66 | 2.6 | 22 | |
| 38 | Generalized modulus power transformations. <i>Communications in Statistics - Theory and Methods</i> , 1988 , 17, 2933-2952 | 0.5 | 34 | |
| 37 | Pedigree discriminant analysis of two French Canadian Tay-Sachs families. <i>Genetic Epidemiology</i> , 1987 , 4, 77-85 | 2.6 | 1 | |
| 36 | Genetic etiology of gastric carcinoma: II. Segregation analysis of gastric pH, nitrate, and nitrite. <i>Genetic Epidemiology</i> , 1987 , 4, 103-14 | 2.6 | 6 | |
| 35 | Testing the association between polymorphic markers and quantitative traits in pedigrees. <i>Genetic Epidemiology</i> , 1987 , 4, 193-201 | 2.6 | 104 | |
| 34 | Association between polymorphic blood markers and risk factors for cardiovascular disease in a large pedigree. <i>Genetic Epidemiology</i> , 1987 , 4, 267-75 | 2.6 | 19 | |
| 33 | Segregation and linkage analyses of dopamine-beta-hydroxylase activity in a six-generation pedigree. <i>American Journal of Medical Genetics Part A</i> , 1987 , 27, 613-21 | | 19 | |
| 32 | A major gene model for the familial aggregation of plasma IgA concentration. <i>American Journal of Medical Genetics Part A</i> , 1987 , 27, 857-66 | | 6 | |

| 31 | Segregation analysis of hereditary nonpolyposis colorectal cancer. <i>Genetic Epidemiology</i> , 1986 , 3, 27-38 | 2.6 | 52 |
|----|--|------|-----|
| 30 | Genetic etiology of gastric carcinoma: I. Chronic atrophic gastritis. <i>Genetic Epidemiology</i> , 1986 , 3, 213-24 | 12.6 | 42 |
| 29 | Description of a large pedigree with an adverse lipoprotein cholesterol phenotype: the Bogalusa Heart Study. <i>Genetic Epidemiology</i> , 1986 , 3, 241-53 | 2.6 | 10 |
| 28 | Determination of the order of loci on the short arm of chromosome 11 using two and three locus linkage analyses of pedigree and sib pair data. <i>Genetic Epidemiology</i> , 1986 , 1, 147-52 | 2.6 | 20 |
| 27 | Likelihood Models for Multivariate Traits in Human Genetics1. <i>Biometrical Journal</i> , 1985 , 27, 553-563 | 1.5 | 2 |
| 26 | A comparison of sib-pair linkage tests for disease susceptibility loci. <i>Genetic Epidemiology</i> , 1985 , 2, 85-9 | 72.6 | 305 |
| 25 | 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 | 2.6 | 4 |
| 24 | A method to assess the environment for genetic studies: the Common Environment Index and the Household Relationships Interview. <i>American Journal of Medical Genetics Part A</i> , 1985 , 21, 325-35 | | 2 |
| 23 | Hereditary nonpolyposis colorectal cancer (Lynch syndromes I and II). I. Clinical description of resource. <i>Cancer</i> , 1985 , 56, 934-8 | 6.4 | 232 |
| 22 | Hereditary nonpolyposis colorectal cancer (Lynch syndromes I and II). II. Biomarker studies. <i>Cancer</i> , 1985 , 56, 939-51 | 6.4 | 139 |
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| 15 | Appendix: Additional Notes and Computational Formulas353-363 | | |
| 14 | Review Problems331-343 | | |

LIST OF PUBLICATIONS

| 13 | Answers to Odd-Numbered Problems345-351 |
|----|---|
| 12 | Populations, Samples, and Study Design17-42 |
| 11 | Introduction: The Role and Relevance of Statistics, Genetics and Epidemiology in Medicine1-15 |
| 10 | The Many Uses of Chi-Square201-230 |
| 9 | Correlation and Regression231-261 |
| 8 | The Laws of Probability77-103 |
| 7 | Guides to a Critical Evaluation of Published Reports319-328 |
| 6 | Analysis of Variance and Linear Models263-289 |
| 5 | Some Specialized Techniques291-317 |
| 4 | Random Variables and Distributions105-127 |
| 3 | Estimates and Confidence Limits129-151 |
| 2 | Significance Tests and Tests of Hypotheses153-183 |
| 1 | Likelihood Ratios, Bayesian Methods and Multiple Hypotheses185-200 |
| | |